129 E. Fremont
SPEC REPORTS

Don Howell 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GUNITE CONCRETE

Client
Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 06-14-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 3rd Floor, Lines 1,3,6,10 Sampled 6 West Side Masonry Walls 0'-8' high
Material Supplier Jet Concrete
Measured Slump, in.
Ticket Number
Measure Air Content, % Not Measured
Batch Size, cu. yds.
Ambient Air Temperature, °F 102
Mix Identification
No. of Specimens Molded 6
Design Strength, psi 4000 / 28 days
Size of Specimens
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 06-14-86
Time in Mixer hrs min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks: 18" X 18" Mold Core 6 2" X 4"

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Sq. In.	Tested By
			Pounds Force	psi			
320 A	06-21-86	7	7000	2940		2.38	RO
320 B	06-21-86	7	7700	3240		2.38	RO
320 C	07-17-86	28	9800	4120		2.38	RO
320 D	07-17-86	28	9600	4030		2.38	RO
320 E		Hold	Discard				RO
320 F		Hold	Discard				RO

Copies to: Client (1) mail
Atlandia Design, Attn:, Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Hoehn 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GUNITE CONCRETE

Client
Atlandia Design & Furnishings
120 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 06-14-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 3rd Floor, Lines 25,27,29,30, Sampled 27 East Side Masonry Walls, 0'-8' High
Material Supplier Jet Concrete
Measured Slump, in.
Ticket Number
Measure Air Content, % Not Measured
Batch Size, cu. yds.
Ambient Air Temperature, °F 100
Mix Identification
No. of Specimens Molded 6
Design Strength, psi 4000 / 28 days
Size of Specimens
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 06-14-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks: 18" X 18" Mold Core 6.2" X 4"

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Sq. In.	Tested By
			Pounds Force	psi			
319 A	06-21-86	7	8700	3660		2.38	RO
319 B	06-21-86	7	7600	3190		2.38	RO
319 C	07-12-86	28	11100	4660		2.38	RO
319 D	07-12-86	28	10200	4290		2.38	RO
319 E		Hold		Discard			RO
319 F		Hold		Discard			RO

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Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Lewis 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 07-14-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 13th Story Walls, Lines 6-12, From B-G 0' to 4'
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	374A	374B				
DATE CAST	07-14-86	07-14-86				
DATE TESTED	07-21-86	08-11-86				
AGE - DAYS	7	28				
DATE REPORTED	07-21-86	07-21-86				
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	324000	Discard				
COMPRESSIVE STRENGTH - PSI	2720	RO				

Copies: Client (1) Mail
Joel Bergman A.I.A (1)
Sierra Construction (1)
Martin, Peltyn & Assoc. (1)
City of Las Vegas (1) Jobsite

Dona Hovely 1-5-88

RECEIVED

APR 03 1986

ETEC TESTING LABORATORIES, INC.
3365 Wynn Rd. Suite H • Las Vegas, NV 89102
(702) 367-0100

GILBERT CONSTRUCTION CORP.
GENERAL CONTRACTOR

GROUT MIX DESIGN: S119 See GNLV-Tower, f'm 5000 psi

Design Strength: 4500 PSI @ 28 Days; MSA: 3/8"; Size No. 8
Portland Cement Type II or V: 8.5 Sacks/CY; Air Entrained
Water: 5.4 Gals/Sack; W/C = 0.48

Ready Mix Producer: Stocks Mill & Supply, Las Vegas, Nevada
Type of Construction: Masonry Grout
Source of Materials: Portland Cement: Southwest
Coarse & Fine Aggregate: Stocks Pit - Buffalo Road

PHYSICAL PROPERTIES OF AGGREGATES; ASTM ~~C-33~~ C404 (See over)

SIEVE ANALYSIS: (August 1985)

Sieve Size	PERCENT PASSING U.S. STANDARD SIEVE		
	Fine Aggregate	Size No. 8	Combined
1/2"		100	100
3/8"	100	100	100
No. 4	100	30	79
No. 8	87	4	62
No. 16	60	2	43
No. 30	45		32
No. 50	32		22
No. 100	8		6
No. 200	2.8		2.0
Bulk Specific Gravity (SSD):	2.67	2.70	
Absorption, Percent:	1.9	1.0	
Fineness Modulus:	2.68		

MIX PROPORTIONS FOR A 1.0 CUBIC YARD BATCH OF GROUT

Material	Solid Volume Percent	Computed Batch Weight in Pounds	Solid Volume In Cubic Feet
Coarse Agg. (3/8", SSD, Size 8)	30	810	4.794
Fine Aggregate (SSD)	70	1865	11.187
Water: 5.4 Gals/Sack = 46 Gallons		384	6.154
Cement: 8.5 Sacks/CY, Type II or V		799	4.065
Entrained Air: 4% Less Vibrator Loss		---	0.800
Slump: 8"	TOTALS	3858	27.000

Theoretical Plastic Unit Weight: 142.9 PCF

Admixtures: Master Builders Pozzolith 322N: 5.0 fl.oz./100 lbs. cement.
AND MBAE-10I: 0.5 fl.oz./100 lbs. cement.

Note: For each 1 percent water in sand in excess of 2 percent, deduct 2.3 gallons of water and add 19 pounds of sand.

Client: Stocks Mill & Supply, Las Vegas, NV
Date: 2/24/86 Lab No: 630010-S119

*Available upon request.

By: Daniel F. Thorne

Reviewed By: Kulwant S. Sahi, P.E.
3/4/86

Don Howle 4-5-88

RECEIVED

APR 03 1986

ETEC TESTING LABORATORIES, INC.
3365 Wynn Rd. Suite H • Las Vegas, NV 89102
(702) 367-0100

GILBERT CONSTRUCTION CORP.
GENERAL CONTRACTORS

GROUT MIX DESIGN: S119 for GNLV Tower, f'm 3000 psi

Design Strength: 4500 PSI @ 28 Days; MSA: 3/8"; Size No. 8
Portland Cement Type II or V: 8.5 Sacks/CY; Air Entrained
Water: 5.4 Gals/Sack; W/C = 0.48

Ready Mix Producer: Stocks Mill & Supply, Las Vegas, Nevada
Type of Construction: Masonry Grout
Source of Materials: Portland Cement: Southwest
Coarse & Fine Aggregate: Stocks Pit - Buffalo Road

PHYSICAL PROPERTIES OF AGGREGATES; ASTM ~~C-331~~ C404 (See over)

SIEVE ANALYSIS: (August 1985)

Sieve Size	PERCENT PASSING U.S. STANDARD SIEVE Fine Aggregate	Size No. 8	Combined
1/2"		100	100
3/8"	100	100	100
No. 4	100	30	79
No. 8	87	4	62
No. 16	60	2	43
No. 30	45		32
No. 50	32		22
No. 100	8		6
No. 200	2.8		2.0
Bulk Specific Gravity (SSD):	2.67	2.70	
Absorption, Percent:	1.9	1.0	
Fineness Modulus:	2.68		

MIX PROPORTIONS FOR A 1.0 CUBIC YARD BATCH OF GROUT

Material	Solid Volume Percent	Computed Batch Weight in Pounds	Solid Volume In Cubic Feet
Coarse Agg. (3/8", SSD, Size 8)	30	810	4.794
Fine Aggregate (SSD)	70	1865	11.187
Water: 5.4 Gals/Sack = 46 Gallons		384	6.154
Cement: 8.5 Sacks/CY, Type II or V		799	4.065
Entrained Air: 4% Less Vibrator Loss		---	0.800
Slump: 8"	TOTALS	3858	27.000

Theoretical Plastic Unit Weight: 142.9 PCF

Admixtures: Master Builders Pozzolith 322N: 5.0 fl.oz./100 lbs. cement.
AND MBAE-10I: 0.5 fl.oz./100 lbs. cement.

Note: For each 1 percent water in sand in excess of 2 percent, deduct 2.3 gallons of water and add 19 pounds of sand.

Client: Stocks Mill & Supply, Las Vegas, NV
Date: 2/24/86 Lab No: 630010-S119

*Available upon request.

By: Daniel C. Thorne

Reviewed By: Kulwant S. Sahi, P.E.
3/4/86

- Bonai Hawks 1-7-88

GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design intent of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Product Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and Civil Authority requirements must be met.

☒ APPROVED AS NOTED — RESUBMISSION NOT REQUIRED
☐ NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT
☐ REJECTED — DO NOT RESUBMIT

BY JDBA DISCIPLINE STRUCT

DATE 4-4-86

MARTIN & ASSOCIATES
1881 RANCHO DRIVE S., LAS VEGAS, NV 89114

ASTM C404 For Masonry Grout.

Dona Hoch 1-5-88

LABORATORY REPORT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report April 21, 1986
Reviewed By Jerry Riedel, P.E.

Project Golden Nugget Tower
Location *
Material/Specimen * Sampled By Glagola, Singh/WT Date
Source * Submitted By Glagola, Singh/WT Date
Test Procedure ASTM C140 E447 Authorized By Date

* See Descriptions

RESULTS

DATE TESTED	DESCRIPTION	SIZE	STRENGTH PSI
04-09-86	Prism, Line 3, B to C, 3rd to 4th Floor	7-5/8x15-5/8x15-5/8	2015
04-09-86	Grout cut from prism Line 3, B to C	7-5/8x 5 x 5-1/2	4070
04-09-86	Prism, Line 6, D to F, 3rd to 4th Floor	7-5/8x15-5/8x15-5/8	2150
04-09-86	Grout cut from prism, Line 6, D to F	7-5/8x 2 x 3-1/2	2700
04-10-86	Block extra from WT, Set #106	7-5/8x 7-5/8x15-5/8	3360
04-10-86	Block sampled by Daley Masonry	7-5/8x 7-5/8x15-5/8	4560
04-10-86	Block sampled by Daley Masonry	7-5/8x 7-5/8x15-5/8	4530
04-10-86	Prism, line 10, D to F 3rd to 4th Floor	7-5/8x15-5/8x15-5/8	1780
04-10-86	Prism, Line 12, B to C 3rd to 4th Floor	7-5/8x15-5/8x15-5/8	2260
04-10-86	Grout cut from prism, Line 12, B to C	7-5/8x 5 x 5-1/2	3360
04-10-86	Prism, line 25, H to K, 3rd to 4th Floor	7-5/8x15-5/8x15-5/8	1760
04-10-86	Prism, line 27, E to G, 3rd to 4th Floor	7-5/8x15-5/8x15-5/8	1780

Dora Hovels 1-5-87

DATE TESTED	DESCRIPTION	SIZE	STRENGTH PSI
04-11-86	Portion of prism, line 29, H to K, 3rd to 4th Floor	7-5/8x 7-5/8x15-5/8	3727
	Corrected for length/ width ratio		3355
04-11-86	Portion of prism, line 29 H to K, 3rd to 4th Floor	7-5/8x 7-5/8x 7-5/8	8046
	Corrected .		2740
04-16-86	Prism, line 25, E to G, at lift joint, 3rd-4th floor	7-5/8x15-5/8x15-5/8	2280
04-16-86	Prism, line 29, E to G, at lift joint, 3rd to 4th floor	7-5/8x15-5/8x15-5/8	3030
04-16-86	Prism, line 27, E to G, above lift joint, 3rd to 4th floor	7-5/8x15-5/8x15-5/8	2020

Copies to: Client (1) Mail
Martin, Peltyn & Assoc. (1) Mail

tp

Dora Hovsky 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 09-16-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 13th Story, Walls 0' to 8' V-Z, From 2-9
Prism Desigh Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	513A	513B	513C			
DATE CAST	09-16-86	09-16-86	09-16-86			
DATE TESTED	09-23-86	10-14-86				
AGE - DAYS	7	28	Hold			
DATE REPORTED	09-23-86	09-23-86	09-23-86			
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	393000	Discard	Discard			
COMPRESSIVE STRENGTH - PSI	3300	PP	PP			

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

Dona Hanley 8-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 08-07-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 5th Story, Walls 0' to 8', Lines R-Z, From 2-9
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	427A	427B	427C			
DATE CAST	08-07-86	08-07-86	08-07-86			
DATE TESTED	08-14-86	09-04-86	10-02-86			
AGE - DAYS	7	28	56			
DATE REPORTED	08-14-86	09-04-86	10-02-86			
AVERAGE WIDTH	7 5/8	7 5/8	7 5/8			
AVERAGE LENGTH	15 5/8	15 5/8	15 5/8			
AVERAGE HEIGHT	15 5/8	15 5/8	15 5/8			
AREA, SQ. INCH	119	119	119			
ULTIMATE LOAD - LBS.	260000	288000	300000			
COMPRESSIVE STRENGTH - PSI	2180	2420	2520			

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Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 09-25-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 15th Story Walls, Lines L-R, From 2-9
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	525A	525B	525C			
DATE CAST	09-25-86	09-25-86	09-25-86			
DATE TESTED	10-02-86	10-23-86				
AGE - DAYS	7	28	Hold			
DATE REPORTED	10-02-86	10-02-86				
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	7 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	335000	Discard	Discard			
COMPRESSIVE STRENGTH - PSI	2820	PP	PP			

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Donna Lewis 1-5-PP

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 09-03-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 21st Story, Walls 4' to 8', Lines B-E, From 1-12
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	489A	489B				
DATE CAST	09-03-86	09-03-86				
DATE TESTED	09-10-86	10-01-86				
AGE - DAYS	7	28				
DATE REPORTED	09-10-86	10-01-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	125000	132000				
COMPRESSIVE STRENGTH - PSI	1050	1110				

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Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

Dona Hoek 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 09-09-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 11th Story, Walls 0' to 8', Lines V-Z, From 2-9
Prism Design Strength: *3500 @ 28 Days

MASONRY PRISMS

Comments: Prisms made with 3000 PSI block and 4400 Grout (S-122)
* Test sample, keep all samples until notified

SPECIMEN NO.	498A	498B				
DATE CAST	09-09-86	09-09-86				
DATE TESTED	09-19-86	10-07-86				
AGE - DAYS	10	28				
DATE REPORTED	09-19-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	340000					
COMPRESSIVE STRENGTH - PSI	2860					

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Martin & Associates (1) Mail
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Dona Hoerle 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, Nevada 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF 86031
Date of Report 9-22-86

Project: Golden Nugget Tower
Location: 1st and Bridger
Material/Specimen: Masonry Prism — Sampled By: K. Singh/WT — Date: 9-19-86
Source: * — Submitted By: K. Singh/WT — Date: 9-19-86
Test Procedure: ASTM C140 & E447 — Authorized By: — Date:

RESULTS

* Inplace prism taken from 5th story corridor wall on #4 Tower, 4' above F.F, 4" west of party wall, lines W on 5.

TESTED	SIZE	LOAD	STRENGTH PSI
9-19-86	7 5/8x15 5/8x15 5/8	310,000	2600

NOTE: Sample had #5 horizontal rebar 4" below top of prism. As in other samples taken from #4 Tower , the prism showed evidence of lack of bonding between grout and block. Some voids were also noted.

Copies to: Client (2)
Joel Bergman, A.I.A. (1)
Martin, Peltyn & Assoc. (1)
Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Dona Hurst 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 08-26-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 21st Story, Walls 8' to 11', Lines D-K, From 20-30
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	473A	473B				
DATE CAST	08-26-86	08-26-86				
DATE TESTED	09-02-86	09-23-86				
AGE - DAYS	7	28				
DATE REPORTED	09-02-86	09-23-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	215000	275000				
COMPRESSIVE STRENGTH - PSI	1810	2310				

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

Dona Hovely 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF8603I
Date: 09-02-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 10th Story, Walls 0' to 8', Lines L-R, From 2-9
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	485A	485B	485C			
DATE CAST	09-02-86	09-02-86	09-02-86			
DATE TESTED	09-12-86	09-30-86	10-28-86			
AGE - DAYS	10	28	56			
DATE REPORTED	09-12-86	09-30-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	375000	350000				
COMPRESSIVE STRENGTH - PSI	3150	2940				

Copies:
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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
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Dora Hoesly - 11-5-88.

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 09-22-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 14th Story Walls, Lines R-Z, From 2-9'
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	519A	519B	519C			
DATE CAST	09-22-86	09-22-86	09-22-86			
DATE TESTED	09-29-86	10-20-86	10-20-86			
AGE - DAYS	7	28	Hold			
DATE REPORTED	09-29-86	09-29-86	09-29-86			
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	365000	Discard	Discard			
COMPRESSIVE STRENGTH - PSI	3070	PP	PP			

Copies: Client (1) Mail
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Dona Hawley 8 - 1-5-88

WESTERN TECHNOLOGIES INC.
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Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 08-04-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 4th Story Walls, 0' To 8', Lines R-Z, From 2-9
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	417A	417B	417C			
DATE CAST	08-04-86	08-04-86	08-04-86			
DATE TESTED	08-11-86	09-01-86	09-29-86			
AGE - DAYS	7	28	56			
DATE REPORTED	08-11-86	09-01-86	09-29-86			
AVERAGE WIDTH	7 5/8	7 5/8	7 5/8			
AVERAGE LENGTH	15 5/8	15 5/8	15 5/8			
AVERAGE HEIGHT	15 5/8	15 5/8	15 5/8			
AREA, SQ. INCH	119	119	119			
ULTIMATE LOAD - LBS.	316000	359000	380000			
COMPRESSIVE STRENGTH - PSI	2660	3020	3190			

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Dona Hovel 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 06-12-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley

Source of Sample: 9th Floor, 1st Course 4 Feet High, Lines E To K, 2 To 30
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	303A	303B				
DATE CAST	06-12-86	06-12-86				
DATE TESTED	06-19-86	07-10-86				
AGE - DAYS	7	28				
DATE REPORTED	06-19-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119.1					
ULTIMATE LOAD - LBS.	343000					
COMPRESSIVE STRENGTH - PSI	2880					

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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 08-28-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction

Source of Sample: 9th Story, Walls 0' To 8', Lines R-Z, From 2-9
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	478A	478B	478C			
DATE CAST	08-28-86	08-28-86	08-28-86			
DATE TESTED	09-07-86	09-25-86	10-23-86			
AGE - DAYS	10	28	56			
DATE REPORTED	09-07-86	09-25-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	309000	383000				
COMPRESSIVE STRENGTH - PSI	2600	3220				

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Dona Hovely 1-5-87

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 09-09-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 11th Story Deck, Lines T-V, From 2-9
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	499A	499B				
DATE CAST	09-09-86	09-09-86				
DATE TESTED	09-16-86	10-07-86				
AGE - DAYS	7	28				
DATE REPORTED	09-16-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	260000					
COMPRESSIVE STRENGTH - PSI	2180					

Copies:
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City Of Las Vegas (1) jobsite

Dona Hoesly 1/5-87

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 08-19-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 7th Story Walls, Lines R-Z, From 2-9, 0' to 8'
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	458A	458B	458C			
DATE CAST	08-19-86	08-19-86	08-19-86			
DATE TESTED	08-29-86	09-16-86	10-14-86			
AGE - DAYS	10	28	56			
DATE REPORTED	08-29-86	09-16-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	317000	330000				
COMPRESSIVE STRENGTH - PSI	2660	2770				

Copies:
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Dona Hoerl 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 09-02-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 10th Story, Walls 0' to 8', Lines L-R, From 2-9
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	485A	485B	485C			
DATE CAST	09-02-86	09-02-86	09-02-86			
DATE TESTED	09-12-86	09-30-86				
AGE - DAYS	10	28	Hold			
DATE REPORTED	09-12-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	P 375000					
COMPRESSIVE STRENGTH - PSI	3150					

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(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 08-28-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction

Source of Sample: 9th Story, Walls 0' To 8', Lines R-Z, From 2-9
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO:	478A	478B	478C			
DATE CAST	08-28-86	08-28-86	08-28-86			
DATE TESTED	09-07-86	09-25-86				
AGE - DAYS	10	28	Hold			
DATE REPORTED	09-07-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	309000					
COMPRESSIVE STRENGTH - PSI	2600					

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Las Vegas, Nevada 89103
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COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 08-07-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 5th Story, Walls 0' to 8', Lines R-Z, From 2-9
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	427A	427B	427C			
DATE CAST	08-07-86	08-07-86	08-07-86			
DATE TESTED	08-14-86	09-04-86	08-12-86			
AGE - DAYS	7	28	56			
DATE REPORTED	08-14-86	09-04-86	08-07-86			
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	260000	288000				
COMPRESSIVE STRENGTH - PSI	2180	2420				

Copies:
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Dona Hoish 1-5-88

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Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 08-11-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 6th Story, Walls 0' to 8', Lines L-R, From 2-6
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	438A	438B	438C			
DATE CAST	08-11-86	08-11-86	08-11-86			
DATE TESTED	08-18-86	09-08-86	10-06-86			
AGE.- DAYS	7	28	56			
DATE REPORTED	08-18-86	09-08-86	10-06-86			
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	298000	334000				
COMPRESSIVE STRENGTH - PSI	2500	2810				

Copies:
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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Dona Hoesly 1-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 09-08-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 11th Story, Walls R-T, From 2-9
Prism Design Strength: * 3500 @ 28 Days

MASONRY PRISMS

Comments: Prisms made with 3000 PSI Block & 4400 PSI Grout (S-122)
*Test sample, keep all samples until notified

SPECIMEN NO.	496A	496B	496C			
DATE CAST	09-08-86	09-08-86	09-08-86			
DATE TESTED	09-18-86	10-06-86				
AGE - DAYS	10	28	Hold			
DATE REPORTED	09-18-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	323000					
COMPRESSIVE STRENGTH - PSI	2710					

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 09-11-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry — Architect/Engineer:
Source of Sample: 12th Story Walls, Lines R-W, From 2-9
Material Supplier: Stocks Mill & Supply — Measured Slump, in.: 8 1/2
Ticket Number: — Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10 — Ambient Air Temperature, °F: 87
Mix Identification: CM2232FA — No. of Specimens Molded: 3
Design Strength, psi: ~~3000~~ 2500 at 28 days — Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8 — Sampled By: K. Singh — Date: 09-11-86
Time in Mixer: 1 hrs. 10 min. — Submitted By: — Date:
Water Added on Job, gal.: 10 — Authorized By: — Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load: Pounds Force	Compressive Strength Maximum Load: psi	Type Fracture If Other Than Cone	Area In Square in.	Tested By
505A	09-18-86	7	50000	3980		12.57	PP
505B	10-09-86	28	Discard				PP
505C		Hold	Discard				PP

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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 09-11-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 12th Story, Walls 0' to 8', Lines R-W, From 2-9
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	506A	506B	506C			
DATE CAST	09-11-86	09-11-86	09-11-86			
DATE TESTED	09-18-86	10-09-86				
AGE - DAYS	7	28	Hold			
DATE REPORTED	09-18-86	09-18-86	09-18-86			
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	360000	Discard	Discard			
COMPRESSIVE STRENGTH - PSI	3030	PP	PP			

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Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 09-03-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 21st Story, Walls 4' to 8', Lines B-E, From 1-12
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	489A	489B				
DATE CAST	09-03-86	09-03-86				
DATE TESTED	09-10-86	10-01-86				
AGE - DAYS	7	28				
DATE REPORTED	09-10-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	125000					
COMPRESSIVE STRENGTH - PSI	1050					

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Dona Hoefs 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 09-11-86

Project: Golden Nugget Tower #4
Location: 1st & Bridger
Material/Specimen: HI-TEST PRISM — Sampled By: K. Singh — Date: 09-10-86
Source: Jobsite — Submitted By: K. Singh — Date: 09-10-86
Test Procedure: ASTM C140 & E447 — Authorized By: — Date:

RESULTS

In place masonry prism taken from 4th floor 6' up from F.F. 10' North of corridor wall, on lines Y from 2-4.

SIZE	LOAD	STRENGTH PSI
7 5/8 x 15 5/8 x 15 5/8	350,000	2940

In place masonry prism taken from 5th floor 4' up from F.F. 4' South of corridor wall, on lines R from 6-9.

SIZE	LOAD	STRENGTH PSI
7 5/8 x 15 5/8 x 15 5/8	362,500	3050

In place masonry prism taken from 6th floor 4' up from F.F. 12' North of corridor wall, on lines Y from 6-9.

SIZE	LOAD	STRENGTH PSI
7 5/8 x 15 5/8 x 15 5/8	376,000	3160

NOTE: All prisms taken from #4 Tower showed evidence of little or no bonding between Grout and Block. Some voids were also noted, may be due lack of vibration or not enough vibration.

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1)
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Martin & Associates (1)
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WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

CONCRETE MASONRY UNITS

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 09-11-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Type of Units: 2-Cells Hollow — Grade: HI-Test — Size: 8x8x16 — Aggregate: 3/8" Cinder
Source of Units: Jobsite — Sampled By: K. Singh — Date: 09-10-86
Type of Capping Compound: Sulfur — Submitted By: K. Singh — Date: 09-10-86
Test Procedure: ASTM C140 — Authorized By: — Date:

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in			Bulk Unit wt., pcf	Volume, cu. ft.		Absorption pcf	Moisture Content % Tot. Absorp
	Width	Height	Length		Gross	Net		
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in.:
Equivalent Web Thickness, Min. in./linear ft.:
Web Thickness, Min. in.:
Maximum Variation in Dimensions, +- in.:

COMPRESSION STRENGTH

Specimen Marking	Dimensions in			Gross Area sq. in.	Net Area %	Ultimate Load lbs	Compressive Strength psi	
	Width	Height	Length				Gross	Net
495A	7 5/8	7 5/8	15 5/8	119.1	62.5	290,000	2,430	4640
495B	7 5/8	7 5/8	15 5/8	119.1	62.5	285,000	2,390	4560
Average								

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Dona Hovel 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 08-05-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 17th Story Walls, 4' To 8', Lines B-E, From 6-12
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	421A	421B				
DATE CAST	08-05-86	08-05-86				
DATE TESTED	08-12-86	09-02-86				
AGE - DAYS	7	28				
DATE REPORTED	08-12-86	09-02-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	7 5/8	7 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	261000	301500				
COMPRESSIVE STRENGTH - PSI	2190	2530				

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Dona Hovely 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 08-26-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 21st Story, Walls 8' to 11', Lines D-K, From 20-30
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	473A	473B				
DATE CAST	08-26-86	08-26-86				
DATE TESTED	09-02-86	09-23-86				
AGE - DAYS	7	28				
DATE REPORTED	09-02-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	215000					
COMPRESSIVE STRENGTH - PSI	1810					

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Dona Hawley 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 08-29-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 21st Story, Walls 0' to 11' G[illegible], From 13-20
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	479A	479B				
DATE CAST	08-29-86	08-29-86				
DATE TESTED	09-05-86	09-26-86				
AGE - DAYS	7	28				
DATE REPORTED	09-05-86	09-26-86				
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	32000	Discard				
COMPRESSIVE STRENGTH - PSI	2690	PP				

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Dona Hoch 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 08-21-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 8th Story, Walls 0' to 8', Lines L-R, From 2-9
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	465A	465B	465C			
DATE CAST	08-20-86	08-20-86	08-20-86			
DATE TESTED	08-30-86	09-17-86	10-15-86			
AGE - DAYS	10	28	56			
DATE REPORTED	08-30-86	09-17-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	266000	375000				
COMPRESSIVE STRENGTH - PSI	2240	3150				

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Dana Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 08-19-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 7th Story Walls, Lines R-Z, From 2-9, 0' to 8'
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	458A	458B	458C			
DATE CAST	08-19-86	08-19-86	08-19-86			
DATE TESTED	08-29-86	09-16-86				
AGE - DAYS	10	28	Hold			
DATE REPORTED	08-29-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	317000					
COMPRESSIVE STRENGTH - PSI	2660					

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Dona Hovely 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 08-21-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 8th Story, Walls 0' to 8', Lines L-R, From 2-9
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	465A	465B	465C			
DATE CAST	08-20-86	08-20-86	08-20-86			
DATE TESTED	08-30-86	09-17-86				
AGE - DAYS	10	28	Hold			
DATE REPORTED	08-30-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	266000					
COMPRESSIVE STRENGTH - PSI	2240					

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Donna Howley 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 08-04-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 4th Story Walls, 0' To 9' Lines R-Z, From 2-9
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO:	417A	417B	417C			
DATE CAST	08-04-86	08-04-86	08-04-86			
DATE TESTED	08-11-86	09-01-86	09-29-86			
AGE - DAYS	7	28	56			
DATE REPORTED	08-11-86	09-01-86	09-29-86			
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	316000	359000				
COMPRESSIVE STRENGTH - PSI	2660	3020				

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Bonn Hovels 1-5-88

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 08-04-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 4th Story Walls, 0' To 8', Lines R-Z, From 2-9
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	417A	417B	417C			
DATE CAST	08-04-86	08-04-86	08-04-86			
DATE TESTED	08-11-86	09-01-86				
AGE - DAYS	7	28	Hold			
DATE REPORTED	08-11-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	316000					
COMPRESSIVE STRENGTH - PSI	2660					

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Dona Hoesly 1-5-88

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Las Vegas, Nevada 89103
(702) 798-8050,

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 08-07-86

Project: Golden Nugget Tower
Location: 1st & Brideer
Contractor: Bill Daley Masonry

Source of Sample: 5th Story, Walls 0' to 8', Lines R-Z, From 2-9
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	427A	427B	427C			
DATE CAST	08-07-86	08-07-86	08-07-86			
DATE TESTED	08-14-86	09-04-86				
AGE - DAYS	7	28	Hold			
DATE REPORTED	08-14-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	260000					
COMPRESSIVE STRENGTH - PSI	2180					

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(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 07-25-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 3rd Floor, Walls 0' to 8', Lines N-S, From 2-6
Prism Design Strength: 3500 @ 28 days

MASONRY PRISMS

Comments: 6

SPECIMEN NO.	398A	398B	398C			
DATE CAST	07-25-86	07-25-86	07-25-86			
DATE TESTED	08-01-86	08-04-86	08-22-86			
AGE - DAYS	7	10	28			
DATE REPORTED	08-01-86	08-04-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	266000	396000				
COMPRESSIVE STRENGTH - PSI	2240	3330				

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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 07-25-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 3rd Floor, Walls 0' to 8', Lines N-S, From 2-6
Prism Design Strength: 3500 @ 28 days

MASONRY PRISMS

Comments:

SPECIMEN NO.	398A	398B	398C			
DATE CAST	07-25-86	07-25-86	07-25-86			
DATE TESTED	08-01-86	08-04-86	08-22-86			
AGE - DAYS	7	10	28			
DATE REPORTED	08-01-86	08-04-86	08-22-86			
AVERAGE WIDTH	7 5/8	7 5/8	7 5/8			
AVERAGE LENGTH	15 5/8	15 5/8	15 5/8			
AVERAGE HEIGHT	15 5/8	15 5/8	15 5/8			
AREA, SQ. INCH	119	119	119			
ULTIMATE LOAD - LBS.	266000	396000	457000			
COMPRESSIVE STRENGTH - PSI	2240	3330	3840			

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Dona Hovels 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 08-11-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 6th Story, Walls 0' to 8', Lines L-R, From 2-6
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	438A	438B	438C			
DATE CAST	08-11-86	08-11-86	08-11-86			
DATE TESTED	08-18-86	09-08-86				
AGE - DAYS	7	28	Hold			
DATE REPORTED	08-18-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	298000					
COMPRESSIVE STRENGTH - PSI	2500					

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Dona Hawley 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engr.:
Source of Sample: Trial Batch Prisms
Prism Design Strength 3500 @ 28 Days

MASONRY PRISMS

COMMENTS: *Note: Do Not Use, Trial Batch

SPECIMEN NO.	154A	154B	154C	154D	154E	154F
DATE CAST	04-17-86	04-17-86	04-17-86	04-17-86	04-17-86	04-1
DATE TESTED	04-21-86					
AGE - DAYS	4					
DATE REPORTED	04-21-86	05-01-86	05-01-86	05-01-86	05-01-86	05-0
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. IN.	119.1					
ULTIMATE LOAD, LBS.	361000	Discard JG	Discard JG	Discard JG	Discard JG	Discar JG
COMPRESSIVE STRENGTH, PSI	3030					

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Dona Hawley 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engr.:
Source of Sample: Trial Batch Prism, Cut From Test Wall
Prism Design Strength 3500 @ 28 Days

MASONRY PRISMS

COMMENTS:

SPECIMEN NO.	160A				
DATE CAST	04-17-86				
DATE TESTED	04-21-86				
AGE - DAYS	4				
DATE REPORTED	05-01-86				
AVERAGE WIDTH	7 5/8				
AVERAGE LENGTH	15 5/8				
AVERAGE HEIGHT	15 5/8				
AREA, SQ. IN.	119.1				
ULTIMATE LOAD, LBS.	221000				
COMPRESSIVE STRENGTH, PSI	1860				

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Dina Hoish 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 41[illegible]182
Lab/Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engr.:
Source of Sample: Trial Batch Of Masonry Prisms
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

COMMENTS: Sika Red Label Added

*Note: Do Not Use, Trial Batch

SPECIMEN NO.	158A	158B	158C	158D	158E/158F
DATE CAST	04-18-86	04-18-86	04-18-86	04-18-86	04-18-86
DATE TESTED	04-21-86				
AGE - DAYS	3				
DATE REPORTED	05-01-86				
AVERAGE WIDTH	7 5/8				
AVERAGE LENGTH	15 5/8				
AVERAGE HEIGHT	15 5/8				
AREA, SQ. IN.	119.1				
ULTIMATE LOAD, LBS.	352000	Discard JG	Discard JG	Discard JG	Discard JG
COMPRESSIVE STRENGTH, PSI	2960				

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Dona Krieb 4-1-86

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engr.:
Source of Sample: Trial Batch, Cut From Test Wall #2 *
Prism Design Strength 3500 @ 28 Days

MASONRY PRISMS

COMMENTS: *Sika Red Label Added

SPECIMEN NO.	161A
DATE CAST	04-18-86
DATE TESTED	04-21-86
AGE - DAYS	3
DATE REPORTED	05-01-86
AVERAGE WIDTH	7 5/8
AVERAGE LENGTH	15 5/8
AVERAGE HEIGHT	15 5/8
AREA, SQ. IN.	119.1
ULTIMATE LOAD, LBS.	361000
COMPRESSIVE STRENGTH, PSI	3030

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Gina Hawk 1 of 2 P.S.

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engr.:
Source of Sample: 3rd To 4th Floor Walls, First Course, Lines 20 To 24
Spec. Design Strength: 3500 @ 28 Days

MASONRY PRISMS

COMMENTS: Slump 8 1/2 inches, With Grout Aid

SPECIMEN NO.	168A	168B	168C		
DATE CAST	04-22-86	04-22-86	04-22-86		
DATE TESTED	04-29-86	05-20-86	06-17-86		
AGE - DAYS	7	28	56		
DATE REPORTED	04-29-86	05-20-86	06-18-86		
AVERAGE WIDTH	7 5/8	7 5/8	7 5/8		
AVERAGE LENGTH	15 5/8	15 5/8	15 5/8		
AVERAGE HEIGHT	15 5/8	15 5/8	15 5/8		
AREA, SQ. IN.	119.1	119.1	119.1		
ULTIMATE LOAD, LBS.	359000	364000	468000		
COMPRESSIVE STRENGTH, PSI	3010	3060	3930		

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COMPRESSIVE STRENGTH OF MASONRY PRISMS

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engr.:
Source of Sample: Trial Batch, With Plasticizer
Prism Design Strength 3500 @ 28 Days

MASONRY PRISMS

COMMENTS: Slump 8-1/2 inches

SPECIMEN NO.	170A	170B	170C		
DATE CAST	04-22-86	04-22-86	04-22-86		
DATE TESTED	04-29-86	05-20-86	06-17-86		
AGE - DAYS	7	28	56		
DATE REPORTED	04-29-86	05-20-86	06-18-86		
AVERAGE WIDTH	7 5/8	7 5/8	7 5/8		
AVERAGE LENGTH	15 5/8	15 5/8	15 5/8		
AVERAGE HEIGHT	15 5/8	15 5/8	15 5/8		
AREA, SQ. IN.	119.1	119.1	119.1		
ULTIMATE LOAD, LBS.	303000	232000	334000		
COMPRESSIVE STRENGTH, PSI	2540	1950	2800		

Copies: Client (2) mail
Atlandia Design, Attn: Joel Bergman A.I.A. (1) mail
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City of Las Vegas (1) jobsite

Dona Kozich 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV.89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engr.:
Source of Sample: Trial Batch, With Plasticizer
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

COMMENTS: Slump 8 1/2 inches

SPECIMEN NO.	170A	170B	170C		
DATE CAST	04-22-86	04-22-86	04-22-86		
DATE TESTED	04-29-86	05-20-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	04-29-86				
AVERAGE WIDTH	7 5/8				
AVERAGE LENGTH	15 5/8				
AVERAGE HEIGHT	15 5/8				
AREA, SQ. IN.	119.1				
ULTIMATE LOAD, LBS.	303000				
COMPRESSIVE STRENGTH, PSI	2540				

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Bona Vista 1588

C.

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 43451182
Lab/Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engr.:
Source of Sample: Trial Batch, With Plasticizer
Prism Design Strength 3500 @ 28 Days

MASONRY PRISMS

COMMENTS: Cut From Test Wall In Conjunction With Set 170

SPECIMEN NO.	183A				
DATE CAST	04-22-86				
DATE TESTED	04-29-86				
AGE, - DAYS	7				
DATE REPORTED	04-29-86				
AVERAGE WIDTH	7 5/8				
AVERAGE LENGTH	15 5/8				
AVERAGE HEIGHT	15 5/8				
AREA, SQ. IN.	119.1				
ULTIMATE LOAD, LBS.	345000				
COMPRESSIVE STRENGTH, PSI	2900				

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Dona Hoesly 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engr.:
Source of Sample: South Stairwell, Second To Third Floor
Prism Design Strength 2000 @ 28 Days

MASONRY PRISMS

COMMENTS:

SPECIMEN NO.	143A	143B	143C		
DATE CAST	04-10-86	04-10-86	04-10-86		
DATE TESTED	04-17-86	05-08-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	05-01-86				
AVERAGE WIDTH	7 5/8				
AVERAGE LENGTH	15 5/8				
AVERAGE HEIGHT	15 5/8				
AREA, SQ. IN.	119.1				
ULTIMATE LOAD, LBS.	195000				
COMPRESSIVE STRENGTH, PSI	1640				

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Dona Hoole 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engr.:
Source of Sample: South Stairwell, Second To Third Floor
Prism Design Strength 2000 @ 28 Days

MASONRY PRISMS

COMMENTS:

SPECIMEN NO.	143A	143B	143C		
DATE CAST	04-10-86	04-10-86	04-10-86		
DATE TESTED	04-17-86	05-08-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	05-01-86	05-08-86			
AVERAGE WIDTH	7 5/8	7 5/8			
AVERAGE LENGTH	15 5/8	15 5/8			
AVERAGE HEIGHT	15 5/8	15 5/8			
AREA, SQ. IN.	119.1	119.1			
ULTIMATE LOAD, LBS.	195000	391000	Discard MD		
COMPRESSIVE STRENGTH, PSI	1640	3280			

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Don Hoch 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor:
Architect/Engr.:
Source of Sample: Block Wall, Line 1 To 8, From B To F, 3rd To 4th Floor, First Course
Prism Design Strength 3500 @ 28 Days

MASONRY PRISMS

COMMENTS:

SPECIMEN NO.	112A	112B	112C		
DATE CAST	03-19-86	03-19-86	03-19-86		
DATE TESTED	03-26-86	04-08-86	05-14-86		
AGE - DAYS	7	20	56		
DATE REPORTED	05-01-86	05-01-86			
AVERAGE WIDTH	7 5/8	7 5/8			
AVERAGE LENGTH	15 5/8	15 5/8			
AVERAGE HEIGHT	15 5/8	15 5/8			
AREA, SQ. IN.	119.1	119.1			
ULTIMATE LOAD, LBS.	295000	310000			
COMPRESSIVE STRENGTH, PSI	2480	2600			

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Dona Hoole 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Job No.: 4145J182

Lab/Invoice No.:

Project: Golden Nugget Tower

Location: 1st & Bridger

Contractor: Sierra Construction

Architect/Engr.:

Source of Sample: Block Wall, Line 1 To 5, From B To C, 3rd To 4th Floor

Prism Design Strength 3500 @ 28 Days

MASONRY PRISMS

COMMENTS: Mix Design S-119 (Grout).

SPECIMEN NO.	112A	112B	112C		
DATE CAST	03-19-86	03-19-86	03-19-86		
DATE TESTED	03-26-86	04-08-86			
AGE - DAYS	7	20	Hold		
DATE REPORTED	03-26-86	04-08-86			
AVERAGE WIDTH	7 5/8	7 5/8			
AVERAGE LENGTH	15 5/8	15 5/8			
AVERAGE HEIGHT	7 5/8	7 5/8			
AREA, SQ. IN.	119.1	119.1			
ULTIMATE LOAD, LBS.	295000	310000			
COMPRESSIVE STRENGTH, PSI	2480	2600			

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Dona Hovey 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engr.:
Source of Sample: 3rd To 4th Floor Walls, First Course, Lines 20 - 24
Prism Design Strength 3500 @ 28 Days

MASONRY PRISMS

COMMENTS: Test Wall Sample, In Conjunction With Set 168 Of Prisms

SPECIMEN NO.	182A				
DATE CAST	04-22-86				
DATE TESTED	04-29-86				
AGE - DAYS	7				
DATE REPORTED	04-29-86				
AVERAGE WIDTH	7 5/8				
AVERAGE LENGTH	15 5/8				
AVERAGE HEIGHT	15 5/8				
AREA, SQ. IN.	119.1				
ULTIMATE LOAD, LBS.	390000				
COMPRESSIVE STRENGTH, PSI	3270				

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Dona Hovik 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engr.:
Source of Sample: 3rd To 4th Floor Walls, First Course, Lines 20 To 24
Prism Design Strength 3500 @ 28 Days

MASONRY PRISMS

COMMENTS: Slump 8 1/2 inches, With Grout Aid

SPECIMEN NO.	168A	168B	168C		
DATE CAST	04-22-86	04-22-86	04-22-86		
DATE TESTED	04-29-86	05-20-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	04-29-86				
AVERAGE WIDTH	7 5/8				
AVERAGE LENGTH	15 5/8				
AVERAGE HEIGHT	15 5/8				
AREA SQ. IN.	119.1				
ULTIMATE LOAD, LBS.	359000				
COMPRESSIVE STRENGTH, PSI	3010				

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Dona Hoole 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Job No.: 4143.1182
Lab/Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engr.:
Source of Sample: 3rd To 4th Floor Wall, Top Course Of Lines 20 To 24
Prism Design Strength: 3500 @ 28 Days With Grout Aid

MASONRY PRISMS

COMMENTS: Slump At End Of Hose 8 1/2 inches

SPECIMEN NO.	171A	171B			
DATE CAST	04-23-86	04-23-86			
DATE TESTED	04-30-86	05-21-86			
AGE - DAYS	7	28			
DATE REPORTED	05-01-86				
AVERAGE WIDTH	7 5/8				
AVERAGE LENGTH	15 5/8				
AVERAGE HEIGHT	15 5/8				
AREA, SQ. IN.	119.1				
ULTIMATE LOAD, LBS.	393000				
COMPRESSIVE STRENGTH, PSI	3300				

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Dona Hovik 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engr.:
Source of Sample: 3rd To 4th Floor Walls, Top Course Of Lines 13 To 19, H To K
Prism Design Strength: 3500 @ 28 Days With Grout Aid

MASONRY PRISMS

COMMENTS: Slump At End Of hose 8 1/4

SPECIMEN NO.	172A	172B			
DATE CAST	04-24-86	04-24-86			
DATE TESTED	05-01-86	05-22-86			
AGE - DAYS	7	28			
DATE REPORTED	05-01-86	05-01-86			
AVERAGE WIDTH	7 5/8				
AVERAGE LENGTH	15 5/8				
AVERAGE HEIGHT	15 5/8				
AREA, SQ. IN.	119.1				
ULTIMATE LOAD, LBS.	417000	Discard JG			
COMPRESSIVE STRENGTH, PSI	3530				

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129 E. Fremont
SPEC REPORTS

Data Hold 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client Atlandia Design & Furnishings Job No. 41451182

129 East Fremont Street Lab/Invoice No:

Las Vegas, NV 89101

Attn: Brad Friedmutter

Project: Golden Nugget Towers

Location: 1st & Bridger

Contractor: Daley Masonry

Source of Sample: 3rd To 4th Floor Wall; Lines 13 To 17, Second Course, 18 & 19 First Course

Prism Design Strength 3500 @ 28 Days

MASONRY PRISMS

Comments:

Specimen No.	180A	180B			
Date Cast	04-28-86	04-28-86			
Date Tested	05-05-86	05-26-86			
Age - Days	7	28			
Date Reported	05-05-86				
Average Width	7 5/8				
Average Length	15 5/8				
Average Height	15 5/8				
Area, Sq. Inch	119.1				
Ultimate Load, Lbs.	429000				
Compressive Strenth, PSI	3600				

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COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client Atlandia Design & Furnishings

129 East Fremont Street

Las Vegas, NV 89101

Attn: Brad Friedmutter

Job No.: 4145J182

Lab/Invoice No:

Project: Golden Nugget Towers

Location: 1st & Bridger

Contractor: Daley Masonry

Source of Sample: 4th To 5th Floor Walls, Line 1 To 10, First Course

Prism Design Strength 3500 @ 28 Days With Grout Aid

MASONRY PRISMS

Comments: Slump At End Of Hose 8"

Specimen No.	176A	176B			
Date Cast	04-25-86	04-25-86			
Date Tested	05-02-86	05-23-86			
Age - Days	7	28			
Date Reported	05-05-86	05-27-86			
Average Width	7 5/8	7 5/8			
Average Length	15 5/8	15 5/8			
Average Height	15 5/8	15 5/8			
Area, Sq. Inch	119.1	119.1			
Ultimate Load, Lbs.	368000	398000			
Compressive Strenth, PSI	3090	3340			

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Dona Hall 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145.1182

Lab/Invoice No:

Project: Golden Nugget Towers

Location: 1st & Bridger

Contractor: Daley Masonry

Source of Sample: 4th To 5th Floor Walls, Line 1 To 10', First Course

Prism Design Strength 3500 @ 28 Days With Grout Aid

MASONRY PRISMS

Comments: Slump At End Of Hose 8"

Specimen No.	176A	176B			
Date Cast	04-25-86	04-25-86			
Date Tested	05-02-86	05-23-86			
Age - Days	7	28			
Date Reported	05-05-86				
Average Width	7 5/8				
Average Length	15 5/8				
Average Height	15 5/8				
Area, Sq. Inch	119.1				
Ultimate Load, Lbs.	368000				
Compressive Strenth, PSI	3090				

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Dona Hoole 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client Atlandia Design & Furnishings

129 East Fremont Street

Las Vegas, NV 89101

Attn: Brad Friedmutter

Job No.: 4145.1182

Lab/Invoice No:

Project: Golden Nugget Towers

Location: 1st & Bridger

Contractor: Daley Masonry

Source of Sample: 4th To 5th Floor Walls, Lines 1 To 8, Second Course

Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

Specimen No.	184A	184B			
Date Cast	04-29-86	04-29-86			
Date Tested	05-06-86	05-27-86			
Age - Days	7	28			
Date Reported	05-06-86				
Average Width	7 5/8				
Average Length	15 5/8				
Average Height	15 5/8				
Area, Sq. Inch	119.1				
Ultimate Load, Lbs.	322000				
Compressive Strength, PSI	2700				

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WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 04-22-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Daley Masonry

Source of Sample: Third Floor Wall, Line 23, Bottom Course
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments: Cut From Implace Wall

SPECIMEN NO.	258A					
DATE CAST	04-22-86					
DATE TESTED	05-29-86					
AGE - DAYS	37					
DATE REPORTED	05-29-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119.1					
ULTIMATE LOAD - LBS.	451000					
COMPRESSIVE STRENGTH - PSI	3790					

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Donna Hawk 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 04-29-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Daley Masonry

Source of Sample: Fourth Floor Walls, Line 2, Top Course
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments: Cut From Implace Wall

SPECIMEN NO.	259A					
DATE CAST	04-29-86					
DATE TESTED	05-29-86					
AGE - DAYS	30					
DATE REPORTED	05-29-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119.1					
ULTIMATE LOAD - LBS.	348000					
COMPRESSIVE STRENGTH - PSI	2920					

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Dona Hoole 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings

129 East Fremont Street

Las Vegas, NV 89101

Attn: Brad Friedmutter

Job No.: 41451182

Lab/Invoice No:

Project: Golden Nugget Towers

Location: 1st & Bridger

Contractor: Daley Masonry

Source of Sample: 4th To 5th Floor Walls, Lines 27, 28, 29 & 30

Prism Design Strength 3500 @ Days w/grout aid

MASONRY PRISMS

Comments:

Specimen No.	190A	190B			
Date Cast	05-05-86	05-05-86			
Date Tested	05-12-86	06-02-86			
Age - Days	7	28			
Date Reported	05-13-86	06-02-86			
Average Width	7 5/8	7 5/8			
Average Length	15 5/8	15 5/8			
Average Height	15 5/8	15 5/8			
Area, Sq. Inch	119.1	119.1			
Ultimate Load, Lbs.	317000	322000			
Compressive Strenth, PSI	2660	2700			

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Dona Hawley 1-7-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No:

Project: Golden Nugget Tower's

Location: 1st & Bridger

Contractor: Daley Masonry

Source of Sample: 4th To 5th Floor Walls, Lines 27, 28, 29 & 30

Prism Design Strength 3500 @ 28 Days w/grout aid

MASONRY PRISMS

Comments:

Specimen No.	190A	190B			
Date Cast	05-05-86	05-05-86			
Date Tested	05-12-86	06-02-86			
Age - Days	7	28			
Date Reported	05-13-86				
Average Width	7 5/8				
Average Length	15 5/8				
Average Height	15 5/8				
Area, Sq. Inch	119.1				
Ultimate Load, Lbs.	317000				
Compressive Strenth, PSI	2660				

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Gloria Howell 1-27-88

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab Invoice No.:
Date: 05-12-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction

Source of Sample: 5th Story Masonry Walls, 4 Feet High, E - 27
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments: 8" Slump.

SPECIMEN NO.	208A	208B				
DATE CAST	05-12-86	05-12-86				
DATE TESTED	05-19-86	06-09-86				
AGE - DAYS	7	28				
DATE REPORTED	05-19-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119.1					
ULTIMATE LOAD - LBS.	452000	Discard RO				
COMPRESSIVE STRENGTH - PSI	3800					

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Dona Hoel 7-3-86

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings

129 East Fremont Street

Las Vegas, NV 89101

Attn: Brad Friedmutter

Job No.: 4145.1182

Lab/Invoice No:

Project: Golden Nugget Towers

Location: 1st & Bridger

Contractor: Sierra Construction

Source of Sample: Masonry Walls, 5th Floor, G - K, From 13 - 20

Prism Design Strength 3500 @ 28 Days

MASONRY PRISMS

Comments:

Specimen No.	219A	219B			
Date Cast	05-15-86	05-15-86			
Date Tested	05-22-86	06-12-86			
Age - Days	7	28			
Date Reported	05-22-86	06-13-86			
Average Width	7 5/8	7 5/8			
Average Length	15 5/8	15 5/8			
Average Height	15 5/8	15 5/8			
Area, Sq. Inch	119.1	119.1			
Ultimate Load, Lbs.	400000	502000			
Compressive Strenth, PSI	3360	4210			

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Boris Hovsep 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

Client: Atlandia Design & Furnishings Job No.: 4145.1182

129 East Fremont Street Lab/Invoice No:

Las Vegas, NV 89101

Attn: Brad Friedmutter

Project: Golden Nugget Towers

Location: 1st & Bridger

Contractor: Sierra Construction

Source of Sample: Masonry Walls, 5th Floor, G - K, From 13 - 20

Prism Design Strength 3500 @ 28 Days

MASONRY PRISMS

Comments:

Specimen No.	219A	219B			
Date Cast	05-15-86	05-15-86			
Date Tested	05-22-86	06-12-86			
Age - Days	7	28			
Date Reported	05-22-86				
Average Width	7 5/8				
Average Length	15 5/8				
Average Height	15 5/8				
Area, Sq. Inch	119.1				
Ultimate Load, Lbs.	400000				
Compressive Strenth, PSI	3360				

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Dona Hawk 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV. 89101
Attn: Brad Friedmutter

Job No.: 4145.1182
Lab/Invoice No:

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Sierra Construction
Source of Sample: 5th Story Masonry Walls, Lines B - G, From 1 - 12
Prism Design Strength 3500 @ 28 Days

MASONRY PRISMS

Comments:

Specimen No.	229A	229B			
Date Cast	05-19-86	05-19-86			
Date Tested	05-26-86	06-16-86			
Age - Days	7	28			
Date Reported	05-27-86	06-16-86			
Average Width	7-5/8	7 5/8			
Average Length	15-5/8	15 5/8			
Average Height	15-5/8	15 5/8			
Area, Sq. Inch	119.1	119.1			
Ultimate Load, Lbs.	347000	423000			
Compressive Strenth, PSI	2910	3550			

Copies Client (2) mail
Atlandia Design, Attn: Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Donn Hosh 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedhutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 05-21-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 6th To 7th Story Walls, D - K, From 20 - 30
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	243A	243B				
DATE CAST	05-21-86	05-21-86				
DATE TESTED	05-29-86	06-18-86				
AGE - DAYS	8	28				
DATE REPORTED	05-30-86	06-18-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119.1	119.1				
ULTIMATE LOAD - LBS.	312000	444000				
COMPRESSIVE STRENGTH - PSI	2620	3730				

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Dora Hoisly 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 05-21-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 6th To 7th Story Walls, D - K, From 20 - 30
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	243A	243B				
DATE CAST	05-21-86	05-21-86				
DATE TESTED	05-29-86	06-18-86				
AGE - DAYS	8	28				
DATE REPORTED	05-30-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119.1					
ULTIMATE LOAD - LBS.	312000					
COMPRESSIVE STRENGTH - PSI	2620					

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Dona Hotels 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 05-27-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor:

Source of Sample: Walls, 6th Floor, Line 11, 1st Course
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	248A	248B				
DATE CAST	05-27-86	05-27-86				
DATE TESTED	06-03-86	06-24-86				
AGE - DAYS	7	28				
DATE REPORTED	06-05-86	06-24-86				
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119.1					
ULTIMATE LOAD - LBS.	560000	Discard RO				
COMPRESSIVE STRENGTH - PSI	4700					

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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 05-29-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor:

Source of Sample: 7th Floor Walls, North Side, 2nd Course
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	262A	262B				
DATE CAST	05-29-86	05-29-86				
DATE TESTED	06-05-86	06-26-86				
AGE - DAYS	7	28				
DATE REPORTED	06-05-86	06-26-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119.1	119.1				
ULTIMATE LOAD - LBS.	371000	420000				
COMPRESSIVE STRENGTH - PSI	3120	3530				

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Dona Hoish 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101.
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 05-29-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor:

Source of Sample: 7th Floor Walls, North Side, 2nd Course
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	262A	262B				
DATE CAST	05-29-86	05-29-86				
DATE TESTED	06-05-86	06-26-86				
AGE - DAYS	7	28				
DATE REPORTED	06-05-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119.1					
ULTIMATE LOAD - LBS.	371000					
COMPRESSIVE STRENGTH - PSI	3120					

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WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

A

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 06-10-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Daley Masonry

Source of Sample: Eight Floor Walls, Line 13 To 20, From B To F, Top Course
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	292A	292B				
DATE CAST	06-10-86	06-10-86				
DATE TESTED	06-17-86	07-08-86				
AGE - DAYS	7	28				
DATE REPORTED	06-17-86	07-08-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119.1	119.1				
ULTIMATE LOAD - LBS.	345000	436000				
COMPRESSIVE STRENGTH - PSI	2900	3660				

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WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 06-05-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Daley Masonry

Source of Sample: 8th To 9th Floor Masonry Walls, E - K, From 25 - 30
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments: Truck #2925, Mix S-119, Admixture 60 lbs. Of Sika-Grout Aid, Slump 8 1/4 inch.

SPECIMEN NO.	*285G	*285H	*285I			
DATE CAST	06-05-86	06-05-86	06-05-86			
DATE TESTED	06-12-86	07-03-86	07-03-86			
AGE - DAYS	7	28	28			
DATE REPORTED	06-12-86					
AVERAGE WIDTH	7.625					
AVERAGE LENGTH	7.625					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	59.09					
ULTIMATE LOAD - LBS.	187000					
COMPRESSIVE STRENGTH - PSI	3160					

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Dona Hoick 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 06-05-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Daley Masonry

Source of Sample: 8th To 9th Floor Masonry Walls, E - K, From 25 - 30
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments: Truck #2925, Mix S-119, Admixture 60 lbs. Of Sika Grout Aid, Slump 8 1/4 inch.
*Converse Tested Specimens F, G, H, I

SPECIMEN NO.	285A	285B	285C	285D	285E	* 285F
DATE CAST	06-05-86	06-05-86	06-05-86	06-05-86	06-05-86	06-05-86
DATE TESTED	06-12-86	06-12-86	06-12-86	07-03-86	07-03-86	06-12-86
AGE - DAYS	7	7	7	28	28	7
DATE REPORTED	06-12-86	06-12-86	06-12-86			06-12-86
AVERAGE WIDTH	7 5/8	7.625	7.625			7.625
AVERAGE LENGTH	15 5/8	7.625	7.625			7.625
AVERAGE HEIGHT	15 5/8	15 5/8	15 5/8			15 5/8
AREA, SQ. INCH	119.1	58	56			59.09
ULTIMATE LOAD - LBS.	410000	181000	223000			173000
COMPRESSIVE STRENGTH - PSI	3450	3120	3980			2930

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Doris Hawley 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 06-10-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Daley Masonry

Source of Sample: Eight Floor Walls, Line 13 To 20, From B To F, Top Course
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	292A	292B				
DATE CAST	06-10-86	06-10-86				
DATE TESTED	06-17-86	07-08-86				
AGE - DAYS	7	28				
DATE REPORTED	06-17-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119.1					
ULTIMATE LOAD - LBS.	345000					
COMPRESSIVE STRENGTH - PSI	2900					

Copies: Client (1) mail
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Dona Hoole 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 08-08-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 18th Story Walls 4' to 8', Lines G-K, From 13-20
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	432A	432B				
DATE CAST	08-08-86	08-08-86				
DATE TESTED	08-15-86	09-05-86				
AGE - DAYS	7	28				
DATE REPORTED	08-15-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	304000	Discard				
COMPRESSIVE STRENGTH - PSI	2550	PP				

Copies:
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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Dona Hoole 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-08-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 18th Story, Walls 4' to 8', Lines G-K, From 13-20
Material Supplier: Stocks Mill & Supply
Measured Slump, in: 9
Ticket Number: 06651
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 105
Mix Identification: CM2232FA
No. of Specimens Molded: 3
Design Strength, psi: ~~3000~~ 2500 @ 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh Date: 08-08-86
Time in Mixer: 1 hrs. 0 min.
Submitted By: Date:
Water Added on Job, gal.: 10
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
431A	08-15-86	7	49000	3900		12.57	PP
431B	09-05-86	28	Discard				PP
431C		Hold	Discard				PP

Copies to:
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Atlandia Design, Attn: Mr. Joel Bergman, A.I.A. (1) mail
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City of Las VEgas, (1) Jobsite

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 08-11-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 18th Story, Walls 4' to 8', Lines B-E, From 1-12
Prism Design Strength: 2500 @ 28 Days

Comments: MASONRY PRISMS

SPECIMEN NO.	435A	435B				
DATE CAST	08-11-86	08-11-86				
DATE TESTED	08-18-86	09-08-86				
AGE - DAYS	7	28				
DATE REPORTED	08-18-86	09-08-86				
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	310000	Discard				
COMPRESSIVE STRENGTH - PSI	2610	PP				

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Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

Dona Hoelzer 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 08-22-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction

Source of Sample: 20th Story, Walls 4' to 8', Lines B-E, From 1-12
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments: *Prisms were distroyed at jobsite.

SPECIMEN NO.	468A	468B				
DATE CAST	08-22-86	08-22-86				
DATE TESTED	09 19-86	*				
AGE - DAYS	28	*				
DATE REPORTED	*	*				
AVERAGE WIDTH	*	*				
AVERAGE LENGTH	*	*				
AVERAGE HEIGHT	*	*				
AREA, SQ. INCH	*	*				
ULTIMATE LOAD - LBS.	*	*				
COMPRESSIVE STRENGTH - PSI	*	*				

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Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV, 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-22-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 20th Story, Walls 4' to 8', Lines B-E, From 1-12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 9
Ticket Number:
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F:
Mix Identification: CM2232FA
No. of Specimens Molded: 3
Design Strength, psi: ~~3000~~ 2560 / 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh Date: 08-22-86
Time in Mixer: 1 hrs 0 min.
Submitted By: Date:
Water Added on Job, gal:
Authorized By: Date:
Test Procedure: ASTM-C39-84B

Remarks:
*Specimens were distroyed at jobsite.

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
467A	08-29-86	7	*	*			
467B	09-19-86	28	*	*			
467C		Hold	*				

Copies to:
Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman, A.I.A. (1) mail
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Martin & Associates (1) mail
City of Las VEgas, (1) Jobsite

Dona Hovely 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-12-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 19th Story, Walls 0' to 4', Lines D-K, From 20-25
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 9
Ticket Number: 06701
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 103
Mix Identification: CM2232FA
No. of Specimens Molded: 3
Design Strength, psi: ~~3000~~ 2500 @ 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh
Date: 08-12-86
Time in Mixer: 1 hrs. 0 min.
Submitted By:
Date:
Water Added on Job, gal.: 10
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
442A	08-19-86	7	47000	3740		12.57	PP
442B	09-09-86	28	Discard				PP
442C		Hold	Discard				PP

Copies to:
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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 08-12-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 19th Story, Walls 0' to 4', Lines D-K, From 20-25
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	443A	443B				
DATE CAST	08-12-86	08-12-86				
DATE TESTED	08-19-86	09-09-86				
AGE - DAYS	7	28				
DATE REPORTED	08-19-86	09-09-86				
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	305000	Discard				
COMPRESSIVE STRENGTH - PSI	2560	PP				

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Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

Dora Hovsky 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 08-15-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 19th Floor, Near Elevator Core, Lines B-D, From 13-20
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	454A	454B				
DATE CAST	08-15-86	08-15-86				
DATE TESTED	08-22-86	09-12-86				
AGE - DAYS	7	28				
DATE REPORTED	08-22-86	09-12-86				
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	311000	Discard				
COMPRESSIVE STRENGTH - PSI	2610	PP				

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Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-14-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 19th Story Walls, Lines D-K, From 20-30
Material Supplier: Stocks Mill & Supply
Measured Slump, in.:
Ticket Number:
Measure Air Content, %: Not Measured
Batch Size, cu. yds.:
Ambient Air Temperature, °F:
Mix Identification: CM2236
No. of Specimens Molded: 3
Design Strength, psi: 3000 / 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: B. Ritter Date: 08-14-86
Time in Mixer: hrs. min.
Submitted By: Date:
Water Added on Job, gal.:
Authorized By: Date:
Test Procedure: UBC
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
449A	08-21-86	7	53000	4220		12.57	PP
449B	09-11-86	28	Discard				PP
449C		Hold	Discard				PP

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Dona Hoefle 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 07-24-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 15th Floor, Walls 0'-4', Lines B-F, From 1-6
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	395A	395B				
DATE CAST	07-24-86	07-24-86				
DATE TESTED	07-31-86	08-21-86				
AGE - DAYS	7	28				
DATE REPORTED	07-31-86	08-21-86				
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	PP 331000	Discard				
COMPRESSIVE STRENGTH - PSI	2780	PP				

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Dona Hovely 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 07-21-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 15th Story Walls 4' to 8' High, Lines 25-30 From E-K
Prism Design Strength: 2500

MASONRY PRISMS

Comments:

SPECIMEN NO.	384A	384B				
DATE CAST	07-21-86	07-21-86				
DATE TESTED	07-28-86	08-18-86				
AGE - DAYS	7	28				
DATE REPORTED	07-28-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	249000					
COMPRESSIVE STRENGTH - PSI	2090					

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Dona Hovik 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 07-21-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 15th Story Walls 4' to 8' High, Lines 25-30 From E-K
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	384A	384B				
DATE CAST	07-21-86	07-21-86				
DATE TESTED	07-28-86	08-18-86				
AGE - DAYS	7	28				
DATE REPORTED	07-28-86	08-18-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	249000	360000				
COMPRESSIVE STRENGTH - PSI	2090	3030				

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Dona Hoek : 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-24-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 15th Floor, Walls 0'-4', Lines B-F, From 1-6
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 8 1/2
Ticket Number: 5762
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 88
Mix Identification: CM2236
No. of Specimens Molded: 3
Design Strength, psi: ~~3000~~ 2500 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh Date: 07-24-86
Time in Mixer: hrs. min.
Submitted By: Date:
Water Added on Job, gal.:
Authorized By: Date:
Test Procedure: UBC
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
394A	07-31-86	7	29500	2670		11.05	PP
394B	08-21-86	28	52000	4140		12.57	PP
394C		Hold	Discard				PP

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Dona Howell 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date:

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Dalley Masonry

Source of Sample: 16th Story Walls, 0' to 4' Lines B-D From 13-20
Prism Design Strength: 2500 @ 28 days

MASONRY PRISMS

Comments:

SPECIMEN NO.	401A	401B				
DATE CAST	07-29-86	07-29-86				
DATE TESTED	08-05-86	08-26-86				
AGE - DAYS	7	28				
DATE REPORTED	08-05-86	08-05-86				
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	7 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	304000	Discard				
COMPRESSIVE STRENGTH - PSI	2550	PP				

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Don Hovel 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab Invoice No.:
Date: 07-31-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 17th Story Walls, 0' to 4', Lines D-K From 20-25
Prism Design Strength: 2500 @ 28 days

MASONRY PRISMS

Comments:

SPECIMEN NO.	409A	409B				
DATE CAST	07-31-86	07-31-86				
DATE TESTED	08-07-86	08-28-86				
AGE - DAYS	7	28				
DATE REPORTED	08-07-86	08-28-86				
AVERAGE WIDTH	7 7/8	7 7/8				
AVERAGE LENGTH	15 7/8	15 7/8				
AVERAGE HEIGHT	15 7/8	15 7/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	276000	300000				
COMPRESSIVE STRENGTH - PSI	2320	2520				

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Gloria Hawley 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-31-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 17th Story Walls, 0' to 4', Lines D-K From 20-25
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 8 3/4
Ticket Number: 6142
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 100
Mix Identification: CM2239SA
No. of Specimens Molded: 3
Design Strength, psi: ~~3000~~ 2500 28 days
Size of Specimens: 4x8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh Date: 7-31-86
Time in Mixer: 1 hrs. 15 min.
Submitted By: Date:
Water Added on Job, gal.: 10
Authorized By: Date:
Test Procedure: ASTM C-39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
408A	08-07-86	7	30000	2390		12.57	PJP
408B	08-28-86	28	52000	4140		12.57	PJP
408C		Hold	Discard				PJP

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Dona Howell 4-8-87

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 08-05-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 17th Story Walls; 4' To 8', Lines B-E, From 6-12
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	421A	421B				
DATE CAST	08-05-86	08-05-86				
DATE TESTED	08-12-86	09-02-86				
AGE - DAYS	7	28				
DATE REPORTED	08-12-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	7 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	261000					
COMPRESSIVE STRENGTH - PSI	2190					

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Dona Hoole 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41453182
Lab/Invoice No.
Date of Report 07-31-86
Reviewed By J. Riedel

Project: Golden Nugget Tower

Location: 1st & Bridger

Contractor: Bill Daley Masonry Architect/Engineer:

Source of Sample: 17th Story Walls, 0' to 4', Lines D-K From 20-25

Material Supplier: Stocks Mill & Supply Measured Slump, in.: 8 3/4

Ticket Number: 6142 Measure Air Content, %: Not Measured

Batch Size, cu. yds.: 10 Ambient Air Temperature, °F: 100

Mix Identification: CM2239SA No. of Specimens Molded: 3

Design Strength, psi: ~~3000~~ 2590 @ 28 days Size of Specimens: 4x8

Max. Size Aggregate, in.: 3/8 Sampled By: K. Singh Date: 7-31-86

Time in Mixer: 1 hrs. 15 min. Submitted By: Date:

Water Added on Job, gal.: 10 Authorized By: Date:

Test Procedure: ASTM C-39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
408A	08-07-86	7	30000	2390		12.57	PJP
408B	08-28-86	28					
408C		Hold	—				

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Dona Hoesh 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 07-31-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 17th Story Walls, 0' to 4', Lines D-K From 20-25
Prism Design Strength: 2500 @ 28 days

MASONRY PRISMS

Comments:

SPECIMEN NO.	409A	409B				
DATE CAST	07-31-86	07-31-86				
DATE TESTED	08-07-86	08-28-86				
AGE - DAYS	7	28				
DATE REPORTED	08-07-86					
AVERAGE WIDTH	7 7/8					
AVERAGE LENGTH	15 7/8					
AVERAGE HEIGHT	7 7/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	276000					
COMPRESSIVE STRENGTH - PSI	2320					

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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 07-09-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction

Source of Sample: 12th Floor Walls 0' to 4', Lines D-K, From 20-30
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	365 A	365 B				
DATE CAST	07-09-86	07-09-86				
DATE TESTED	07-16-86	08-06-86				
AGE - DAYS	7	28				
DATE REPORTED	07-16-86	08-06-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	240000	295000				
COMPRESSIVE STRENGTH - PSI	2020	2480				

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Dona Hawley 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 07-01-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 11th Story Masonry Walls, B-E, From 7-12
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	349A	349B				
DATE CAST	07-01-86	07-01-86				
DATE TESTED	07-08-86	07-29-86				
AGE - DAYS	7	28				
DATE REPORTED	07-08-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	326000	Discard				
COMPRESSIVE STRENGTH - PSI	2740	RO				

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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 07-14-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 13th Story Walls 0' to 4', From 6-12, From B-6
Material Supplier Stocks Mill & Supply
Measured Slump, in. 8 1/2
Ticket Number 5161
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 95
Mix Identification CM2232
No. of Specimens Molded 3
Design Strength, psi ~~3000~~ 2500 28 days
Size of Specimens 4 x 8
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 07-14-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Sq. Inches	Tested By
			Pounds Force	psi			
373A	07-21-86	7	34000	2700		12.57	RO
373B	08-11-86	28	42000	3340		12.57	PP
373C		Hold	Discard				PP

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Dona Hovsky 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 41450182
Lab./Invoice No.
Date of Report 07-14-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor ~~Bill Daley Masonry~~ Architect/Engineer
Source of Sample 13th Story Walls 0' to 4'. From 6-12; From B-6
Material Supplier Stocks Mill & Supply — Measured Slump, in. 8 1/2
Ticket Number 5161 — Measured Air Content, % Not Measured
Batch Size cu. yds. 10 — Ambient Air Temperature, °F 95
Mix Identification CM2232 — No. of Specimens Molded 3
Design Strength, psi ~~3000~~ 2500 28 days — Size of Specimens 4 x 8"
Max. Size Aggregate, in. 3/8 — Sampled By K. Singh — Date 07-14-86
Time in Mixer 1 hrs. 0 min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Sq. Inches	Tested By
			Pounds Force	psi			
373A	07-21-86	7	34000	2700		12.57	RO
373B	08-11-86	28					
373C		Hold					

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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 06-12-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley

Source of Sample: 9th Floor, 1st Course 4 Feet High, Lines E To K, 20 To 30
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	303A	303B				
DATE CAST	06-12-86	06-12-86				
DATE TESTED	06-19-86	07-10-86				
AGE - DAYS	7	28				
DATE REPORTED	06-19-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119.1					
ULTIMATE LOAD - LBS.	343000					
COMPRESSIVE STRENGTH - PSI	2880					

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Las Vegas, Nevada 89102
(702) 382-7483

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 06-16-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 9th Story Walls, G - K, From 13 - 20, 4' To 8' High
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments: Made w/grout Sample And Mortar

SPECIMEN NO.	309A	309B				
DATE CAST	06-16-86	06-16-86				
DATE TESTED	06-25-86	07-14-86				
AGE - DAYS	9	28				
DATE REPORTED	06-26-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119.1					
ULTIMATE LOAD - LBS.	264000					
COMPRESSIVE STRENGTH - PSI	2220					

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dora Hirsch 1-5-88

WESTERN TECHNOLOGIES, INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 06-18-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Daley Masonry

Source of Sample: Ninth Floor Walls, Lines 1 To 12, From B To F
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	325A	325B				
DATE CAST	06-18-86	06-18-86				
DATE TESTED	06-25-86	07-16-86				
AGE - DAYS	7	28				
DATE REPORTED	06-26-86	06-26-86				
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119.1					
ULTIMATE LOAD - LBS.	301000	Discard RO				
COMPRESSIVE STRENGTH - PSI	2530					

Copies: Client (1) mail
Atlandia Design; Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Habibi 1-5-93

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.:
Date: 06-23-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Daley Masonry

Source of Sample: 10th Floor Wall, Lines E To K, From 13 To 16
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	330A	330B				
DATE CAST	06-23-86	06-23-86				
DATE TESTED	06-30-86	07-21-86				
AGE - DAYS	7	28				
DATE REPORTED	06-30-86	06-30-86				
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	335000	Discard RO				
COMPRESSIVE STRENGTH - PSI	2820					

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Doris Hawley 1-5-88

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: J
Date: 07-09-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction

Source of Sample: 12th Floor Walls 0' to 4', Lines D-K, From 20-30
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	365 A	365 B				
DATE CAST	07-09-86	07-09-86				
DATE TESTED	07-16-86	08-06-86				
AGE - DAYS	7	28				
DATE REPORTED	07-16-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	15 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS	240000					
COMPRESSIVE STRENGTH - PSI	2020					

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Doris Hoels 1-6-88

WESTERN TECHNOLOGIES, INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

~~Tony Ataxkoff~~
~~Cal. Hotel~~

GNLV - Tower
Lab/Invoice No: 4143113

GROUT MIX DESIGN: CM2232-FA
3,500 PSI - 28 Days; 3/8" Maximun Aggregate
Cement Type II; 6.0 Sacks; Fly Ash 120 lbs; Water 44 Gals; W/C + FA = 0.54

Date: December 5, 198.

Requested By:	Stocks Mill & Supply		
Materials:	Pea Gravel:	Stocks Pit - Buffalo Rd.	S.G. (SSD): 2.72
	Concrete Sand:	Stocks Pit - Buffalo Rd.	S.G. (SSD): 2.70
	Cement:	Southwest Type II	
	Fly Ash:	Western Fly Ash Company, ASTM C618, Class F	
	Admixture:	Master Builder's Pozzolith 344	

MIX DESIGN FOR ONE CUBIC YARD OF GROUT:	Sacks Cement + Fly Ash:	7.0 Equivalent
Absolute Volume of Aggregate in One Cubic Yard:	Cubic Feet:	17.442
Weight of Aggregate in One Cubic Yard:	Pounds:	2,945

	Percent	Computed Batch Wts (lbs)	Absolute Volume (cu. feet)
C. Sand (SSD)	75	2,205	13.082
Gravel (SSD)	25	740	4.360
Water: 44 Gallons		367	5.881
Cement: 6.0 Sacks/Cu.Yd., Type II		564	2.869
Fly Ash: 120 lbs/Cu.Yd.		120	0.808
		TOTAL	27.000

Slump: 8" Maximum

Admixture: Pozzolith 344:
5.0 fl.oz./100 lbs. cement and fly ash

NOTE: For water in sand in excess of 3.0 percent, make weight correction. For each one percent excess water, deduct 22 pounds water and add 22 pounds sand.

Respectfully submitted,

WESTERN TECHNOLOGIES, INC.

By: _____
Douglas A. Grisham, P.E.
Vice President

RECEIVED
APR 03 1989
SIERRA CONSTRUCTION CORP.
GENERAL CONTRACTORS

Bona Hawks 1-5-88

GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design intent of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Product Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and Civil Authority requirements must be met.

☒ APPROVED AS NOTED — RESUBMISSION NOT REQUIRED
☐ NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT
☐ REJECTED — DO NOT RESUBMIT

BY JDBA DISCIPLINE STRUCT.

DATE 4-4-86

MARTIN & ASSOCIATES
1001 RANCHO DRIVE S., LAS VEGAS, NV 89112

Dora Stocks 1-5-88.

C

CNLV Tests

NEVADA TESTING LABORATORIES, LTD.

FOUNDATION AND SOILS ENGINEERS
300 WEST BOSTON AVENUE
LAS VEGAS, NEVADA 89102

Check

GROUT MIX DESIGN: CM-1388 FA
2,000 PSI - 28 Days; -3/8" Maximum Aggregate
Cement Type II or V; 5.5 Sacks; Fly Ash 1.0 Sack; Water 7.0 Gal./Sack; W/C 0.64

Requested By: Stocks Mill & Supply Date: April 12, 1978
For:

Materials:			
Pea Gravel	Buffalo Pit	S.G. (SSD):	2.72
Concrete Sand	Buffalo Pit	S.G. (SSD):	2.70
Cement - Southwest	Type II or V		
Fly Ash	Western Fly Ash Company		
Admixture	Pozzolith 300N or 300R		

MIX DESIGN FOR ONE CUBIC YARD OF GROUT:

Absolute Volume of Aggregate in One Cubic Yard:	Cubic Feet:	17.79
Weight of Aggregate in One Cubic Yard :	Pounds:	3,000

	Percent	Computed Batch Wts. (lbs.)	Absolute Volume cu.ft.
W.C Sand	80	2,400	14.23
P Gravel	20	600	3.56
Water: 7.0 gallons/sack, Cement & Fly Ash = 45.5		379	6.07
Cement: 5.5 sacks/cu.yd., Type II or V		517	2.64
Fly Ash: 1.0 sacks/cu.yd.		75	0.50
		Total:	27.00

Slump: 8"
Admixture: Pozzolith 300N or 300R (for temp. above 80°F); 5.0 fl.oz./100 lbs. cement and fly ash

Note: For water in sand in excess of 3.0 percent make weight correction. For each 1.0 percent excess water, deduct 24 pounds water and add 24 pounds sand.

APR 4 1978

Respectfully submitted,

NEVADA TESTING LABORATORIES, LTD.

By: Kulwant S. Sahi
Kulwant S. Sahi; Civil Engineer

RECEIVED
APR 03 1978
SILKRA CONSTRUCTION CORP.
GENERAL CONTRACTORS

:jkd

250.375/A20S/S3
CSI NO. 4.10

Dona Hoesly 1-5-88

GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design intent of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Product Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and Civil Authority requirements must be met.

☒ APPROVED AS NOTED — RESUBMISSION NOT REQUIRED

☐ NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT

☐ REJECTED — DO NOT RESUBMIT

BY JDBA DISCIPLINE Struct

DATE 4-4-86

MARTIN & ASSOCIATES

7881 RANCHO DRIVE S., LAS VEGAS, NV 89114

Dona Hoirk 1-5-88

SIERRA CONSTRUCTION CORP.

5255 SOUTH VALLEY VIEW BLVD. (89118) AREA CODE 702-739-1991 LAS VEGAS, NEVADA POST OFFICE BOX 14306 (89114)

PROJECT GNLV - New Tower

FILE 250.375/A19/S-3

TO Bill Daley Masonry, Inc.
3790 Paradise Road, Suite 150
Las Vegas, Nevada 89109

DATE April 7, 1986

ATTN.

SUBMITTAL NO.
(IN REPLY PLEASE REFER TO SUBMITTAL NO.)

WE ARE TRANSMITTING HEREWITH FOR YOUR

( ) APPROVAL (XX) FILE ( ) ACTION ( ) SELECTION ( ) REFERENCE

ITEM	COPIES	DESCRIPTION
1.	2	Your Submittal on 2000, 3500 and 4500 psi grout mixes and lime for mortar mix.

ALL APPROVED AS NOTED.

REMARKS OR SPECIAL NOTES -

SENT BY -
FIRST CLASS MAIL (XX)
EXPRESS MAIL ( )
SPECIAL DELIVERY ( )
UNITED PARCEL SERVICE ( )
FEDERAL EXPRESS ( )
AIRLINE SERVICE ( )
GREYHOUND BUS ( )
UNDER SEPARATE COVER ( )
PICKED UP ( )
HAND CARRIED ( )

JWK:gjc

r/kr

VERY TRULY YOURS,

SIERRA CONSTRUCTION CORP.

Jerry Koerwitz

cc - Marty Sibella, SCC-FO*
Bill Koerwitz**
City Inspector*

* W/Copy
** W/O Copy

Dora Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 10-15-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 20th story walls lines 1 - R. from 2 - 9.
Prism Design Strength: 2,500 @ 28 days

MASONRY PRISMS

Comments: Made with grout and mortar.

SPECIMEN NO.	550 A	550 B	550 C			
DATE CAST	10-15-86					
DATE TESTED	10-22-86	11-12-86				
AGE - DAYS	7	28	Hold			
DATE REPORTED						
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	7 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	377000	Discard	Discard			
COMPRESSIVE STRENGTH - PSI	3170					

Copies: Client (1)
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1)
Martin & Associates (1)
City of Las Vegas (1) Jobsite

Dona Hanly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 10-13-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 19th story walls lines P-V from 2-9.
Prism Design Strength: 2,500 @ 28 days

MASONRY PRISMS

Comments: Made with mortar and grout.

SPECIMEN NO.	545 A	545 B	545 C			
DATE CAST	10-13	10-13-86	10-13-86			
DATE TESTED	10-20	11-10				
AGE - DAYS	7	28	Hold			
DATE REPORTED	10-20-86	10-20-86	10-20-86			
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	7 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	361000	Discard	Discard			
COMPRESSIVE STRENGTH - PSI	3030	PP	PP			

Copies: Client (1)
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1)
Martin & Associates (1)
City of Las Vegas (1) Jobsite

Doria Hovsky 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No,: ADF86031
Date: 08-28-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction

Source of Sample: 9th Story, Walls 0' To 8', Lines R-Z, From 2-9
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments: * Cylinder thrown away by mistake.

SPECIMEN NO.	478A	478B	478C			
DATE CAST	08-28-86	08-28-86	08-28-86			
DATE TESTED	09-07-86	09-25-86	10-23-86			
AGE - DAYS	10	28	56			
DATE REPORTED	09-07-86	09-25-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	309000	383000	*			
COMPRESSIVE STRENGTH - PSI	2600	3220	*			

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 08-21-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 8th Story, Walls 0' to 8', Lines L-R, From 2-9
Prism Design Strength: 3500 @ 28 Days

Comments: MASONRY PRISMS

SPECIMEN NO.	465A	465B	465C			
DATE CAST	08-20-86	08-20-86	08-20-86			
DATE TESTED	08-30-86	09-17-86	10-15-86			
AGE - DAYS	10	28	56			
DATE REPORTED	08-30-86	09-17-86	10-15-86			
AVERAGE WIDTH	7 5/8	7 5/8	7 5/8			
AVERAGE LENGTH	15 5/8	15 5/8	15 5/8			
AVERAGE HEIGHT	15 5/8	15 5/8	15 5/8			
AREA, SQ. INCH	119	119	119			
ULTIMATE LOAD - LBS.	266000	375000	281000			
COMPRESSIVE STRENGTH - PSI	2240	3150	2360			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 10-08-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 18th Story, Walls P-V, From 2-9
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	540A	540B	540C			
DATE CAST	10-08-86	10-08-86	10-08-86			
DATE TESTED	10-15-86	11-05-86				
AGE - DAYS	7	28	Hold			
DATE REPORTED	10-15-86					
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	7 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	327000	Discard	Discard			
COMPRESSIVE STRENGTH - PSI	2750	RO	RO			

Copies: Client (1)
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1)
Martin & Associates (1)
City of Las Vegas (1) Jobsite

Dona Hoch 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 1145J182
Lab/Invoice No.: ADF86031
Date: 08-19-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 7th Story Walls; Lines R-Z, From 2-9, 0' to 8'
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	458A	458B	458C			
DATE CAST	08-19-86	08-19-86	08-19-86			
DATE TESTED	08-29-86	09-16-86	10-14-86			
AGE - DAYS	10	28	56			
DATE REPORTED	08-29-86	09-16-86	10-14-86			
AVERAGE WIDTH	7 5/8	7 5/8	7 5/8			
AVERAGE LENGTH	15 5/8	15 5/8	15 5/8			
AVERAGE HEIGHT	15 5/8	15 5/8	15 5/8			
AREA, SQ. INCH	119	119	119			
ULTIMATE LOAD - LBS.	317000	330000	275000			
COMPRESSIVE STRENGTH - PSI	2660	2770	2310			

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

129 E. Fremont
SPEC REPORTS

Doug Hawks 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: DF86031
Date: 08-11-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 6th Story, Walls 0' to 8', Lines L-R, From 2-6
Prism Design Strength: 3500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	438A	438B	438C			
DATE CAST	08-11-86	08-11-86	08-11-86			
DATE TESTED	08-18-86	09-08-86	10-06-86			
AGE - DAYS	7	28	56			
DATE REPORTED	08-18-86	09-08-86	10-06-86			
AVERAGE WIDTH	7 5/8	7 5/8	7 5/8			
AVERAGE LENGTH	15 5/8	15 5/8	15 5/8			
AVERAGE HEIGHT	15 5/8	15 5/8	15 5/8			
AREA, SQ. INCH	119	119	119			
ULTIMATE LOAD - LBS.	298000	334000	355000			
COMPRESSIVE STRENGTH - PSI	2500	2810	2980			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

Dona Hoel 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 09-08-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 11th Story, Walls R-T, From 2-9
Prism Design Strength: * ~~3500~~ 2560 @ 28 Days

MASONRY PRISMS

Comments: Prisms made with 3000 PSI Block & 4400 PSI Grout (S-122)
*Test sample, keep all samples until notified

SPECIMEN NO.	496A	496B	496C			
DATE CAST	09-08-86	09-08-86	09-08-86			
DATE TESTED	09-18-86	10-06-86	11-03-86			
AGE - DAYS	10	28	56			
DATE REPORTED	09-18-86	10-06-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	323000	387000				
COMPRESSIVE STRENGTH - PSI	2710	3250				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

Dora Hall 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 09-09-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 11th Story, Walls 0' to 8', Lines V-Z, From 2-9
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments: Prisms made with 3000 PSI block and 4400 Grout (S-122)
* Test sample, keep all samples until notified

SPECIMEN NO.	498A	498B				
DATE CAST	09-09-86	09-09-86				
DATE TESTED	09-19-86	10-07-86				
AGE - DAYS	10	28				
DATE REPORTED	09-19-86	10-07-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	340000	376000				
COMPRESSIVE STRENGTH - PSI	2860	3160				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

Dom Hovels 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 09-09-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 11th Story Deck, Lines T-V, From 2-9
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	499A	499B				
DATE CAST	09-09-86	09-09-86				
DATE TESTED	09-16-86	10-07-86				
AGE - DAYS	7	28				
DATE REPORTED	09-16-86	10-07-86				
AVERAGE WIDTH	7 5/8	7 5/8				
AVERAGE LENGTH	15 5/8	15 5/8				
AVERAGE HEIGHT	15 5/8	15 5/8				
AREA, SQ. INCH	119	119				
ULTIMATE LOAD - LBS.	260000	340000				
COMPRESSIVE STRENGTH - PSI	2180	2860				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) jobsite

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 09-30-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 16th Story Walls, Lines F-R, From 2-9
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	527A	527B	527C			
DATE CAST	09-30-86	09-30-86	09-30-86			
DATE TESTED	10-07-86	10-28-86				
AGE - DAYS	7	28	Hold			
DATE REPORTED	10-07-86	10-28-86				
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	7 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	381000	Discard	Discard			
COMPRESSIVE STRENGTH - PSI	3200	RO	RO			

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- Dona, Hawley 11-5-88

WESTERN TECHNOLOGIES INC.
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Las Vegas, Nevada 89103
(702) 798-8050

COMPRESSIVE STRENGTH OF MASONRY PRISMS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date: 10-03-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry

Source of Sample: 17th Story, Walls P-V, From 2-9
Prism Design Strength: 2500 @ 28 Days

MASONRY PRISMS

Comments:

SPECIMEN NO.	534A	534B	534C			
DATE CAST	10-03-86	10-03-86	10-03-86			
DATE TESTED	10-10-86	10-31-86				
AGE - DAYS	7	28	Hold			
DATE REPORTED	10-10-86	10-10-86	10-10-86			
AVERAGE WIDTH	7 5/8					
AVERAGE LENGTH	15 5/8					
AVERAGE HEIGHT	7 5/8					
AREA, SQ. INCH	119					
ULTIMATE LOAD - LBS.	353000	Discard	Discard			
COMPRESSIVE STRENGTH - PSI	2970	PP	PP			

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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, Nevada 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 10-07-86

Project Golden Nugget Tower
Location 1st & Bridger
Material/Specimen HI Test Prisms Sampled By K. Singh/WT Date 10-4-86
Source * Submitted By K. Singh/WT Date 10-4-86
Test Procedure ASTM C140 -447 Authorized By Date

RESULTS

* In place prism taken from #3 tower, 21st story walls, lines D-E on 4, 5' east of corridor, 4' up from F.F.

TESTED	SIZE	LOAD	STRENGTH PSI
10-6-86	7 5/8x15 5/8x15 5/8	235,000	1970

* In place prism taken from #4 tower, 7th story walls, lines N on 4, 6' west of east end of wall, 4' up from F.F.

TESTED	SIZE	LOAD	STRENGTH PSI
10-6-86	7 5/8x15 5/8x15 5/8	353,000	2970

NOTE: Prism taken from #4 tower showed evidence of shrinkage of grout away from the block. Some voids were also noted.

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tp

Dona Hovek 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

GROUT COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-04-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Ground Floor Wall, First Course, Line E To H, From 1 To 7

MIX DESIGN: CM 1491-FA

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 2000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 72

TICKET NO.: 52417

TEMPERATURE - AIR, °F: 76

COMMENTS: _____

SPECIMEN NO.	97A	97B	97C		
DATE CAST	03-04-86	03-04-86	03-04-86		
DATE TESTED	03-11-86	04-01-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-11-86	04-01-86	04-01-86		
NOMINAL DIMENSIONS, IN.	4 X 8	4 X 8			
AREA, SQ. IN.	12.44	12.44			
ULTIMATE LOAD, LBS.	24000	44000	Discard RO		
COMPRESSIVE STRENGTH - PSI	1930	3540			

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Dora Hawley 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

GROUT COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-04-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Ground Floor Wall, First Course, Line E To H, From 1 To 7

MIX DESIGN: CM 1491-FA

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 2000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 72

TICKET NO.: 52417

TEMPERATURE - AIR, °F: 76

COMMENTS:

SPECIMEN NO.	97A	97B	97C		
DATE CAST	03-04-86	03-04-86	03-04-86		
DATE TESTED	03-11-86	04-01-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-11-86				
NOMINAL DIMENSIONS, IN.	4 X 8				
AREA, SQ. IN.	12.44				
ULTIMATE LOAD, LBS.	24000				
COMPRESSIVE STRENGTH - PSI	1930				

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Dona Hosley 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 10-15-86
Reviewed By CPW

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 20th Story deck, lines L-R; from 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in. 8 1/2
Ticket Number: 10197
Measure Air Content, %:
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 74
Mix Identification: CM 2232 FA
No. of Specimens Molded 3
Design Strength, psi 3,000 / 28 days
Size of Specimens 4 x 8
Max. Size Aggregate, in. 3/8"
Sampled By K. Singh Date 10-15-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure: ASTM-C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
549 A	10-22-86	7	38000	3070		12.37	RO
549 B	11-12-86	28	Discard				
549 C		Hold	Discard				

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Doris Howell 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-22-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 14th Story Walls, Lines R-Z, From 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 10
Ticket Number: 08983
Measure Air Content, %: - Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 80
Mix Identification: CM2232-FA
No. of Specimens Molded: 3
Design Strength, psi: 3000 / 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh Date: 09-22-86
Time in Mixer: 1 hrs. 0 min.
Submitted By: Date:
Water Added on Job, gal: 10
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
518A	09-29-86	7	37000	2940		12.57	PP ✓
518B	10-20-86	28	57000	4530		12.57	PJP
518C		Hold	Discard				

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Donna Healy 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.: ADF86031
Date of Report: 10/13/86
Reviewed By:

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 19th story walls lines P-V from 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 9"
Ticket Number: 10135
Measure Air Content, %: Not measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 75°
Mix Identification: CM2232 FA
No. of Specimens Molded: 3
Design Strength: 3,000 / 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in: 3/8"
Sampled By: K. Singh
Date: 10/13/85
Time in Mixer: 1 hrs. 0 min.
Submitted By:
Date:
Water Added on Job, gal: 10
Authorized By:
Date:
Test Procedure: ASTM - C39 - 84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
544A	10/20/86	7	39,100	3110		12.57	PJP
544B	11/10/86	28	Discard				
544C		Hold	Discard				

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WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 10-08-86
Reviewed By CPW

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 18th Story, Walls P-V, From 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 9
Ticket Number: 09820
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 79
Mix Identification: CM2236FA
No. of Specimens Molded: 3
Design Strength, psi: 3000 / 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh Date: 10-08-86
Time in Mixer: 1 hrs. 0 min.
Submitted By: Date:
Water Added on Job, gal.: 10
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture, If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
539A	10-15-86	7	41500	3300		12.57	RO
539B	11-05-86	28	Discard				RO
539C		Hold	Discard				RO

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WESTERN TECHNOLOGIES INC.
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Las Vegas, Nevada 89103
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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No: ADF86031
Date of Report 10-03-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 17th Story Walls, Lines P-V, From 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in. 9
Ticket Number:
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 78
Mix Identification: CM2232FA
No. of Specimens Molded 3
Design Strength, psi ~~3000~~ 2500 28 days
Size of Specimens 4 x 8
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 10-03-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 5
Authorized By Date
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
533A	10-10-86	7	28000	2230		12.57	PP
533B	10-31-86	28					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4[illegible]182
Lab/Invoice No. ADF86031
Date of Report 09-30-86
Reviewed By CPW

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 16th Story Walls, Lines L-R, From 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 9.
Ticket Number: 09427
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 78
Mix Identification: CM2232FA
No. of Specimens Molded: 3
Design Strength, psi: ~~3000~~ 2500 @ 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh
Date: 09-30-86
Time in Mixer: 1 hrs 0 min.
Submitted By:
Date:
Water Added on Job, gal.: 10
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
528A	10-07-86	7	42000	3400		12.57	RO
528B	10-28-86	28	Discard				RO
528C		Hold	Discard				RO

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WESTERN TECHNOLOGIES INC.

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-02-86
Reviewed By

Project Golden Nugget Tower — REVISED
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 10th Story Walls, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply — Measured Slump, in. 9
Ticket Number 07993 — Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 — Ambient Air Temperature, °F 98
Mix Identification S-122 — No. of Specimens Molded 3
Design Strength, psi 4400 / 28 days — Size of Specimens 4 x 8
Max. Size Aggregate, in. 3/8 — Sampled By K. Singh — Date 09-02-86
Time in Mixer 1 hrs. 0 min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
484A	09-09-86	7	78000	6210		12.57	PP ✓
484B	09-30-86	28	63000	5010		12.57	PP ✓
484C	10-28-86	56					✓

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-25-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 15th Story Walls, Lines L-R, From 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 9
Ticket Number: 09024
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 78
Mix Identification: CM2232
No. of Specimens Molded: 3
Design Strength, psi: 3000 / 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh Date: 09-25-86
Time in Mixer: 1 hrs. 0 min.
Submitted By: Date:
Water Added on Job, gal: 0
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
524A	10-02-86	7	41500	3300		12.57	PP
524B	10-23-86	28	Discard				PP
524C		Hold	Discard				PP

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Dona Hoesly 8 - 1-2-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-16-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 13th Floor Walls 0' to 8', Lines V-Z, From 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 9
Ticket Number: 80652
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 76
Mix Identification: CM2232-FA
No. of Specimens Molded: 3
Design Strength, psi: ~~3000~~ 2850 @ 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh
Date: 09-16-86
Time in Mixer: 1 hrs. 0 min.
Submitted By:
Date:
Water Added on Job, gal.: 10
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
511A	09-23-86	7	39500	3140		12.57	PP
511B	10-14-86	28	Discard				PP
511C		Hold	Discard				PP

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab Invoice No. ADF86031
Date of Report 08-21-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 8th Story, Walls 0' to 8', Lines L-R, From 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 9
Ticket Number: 07449
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 108
Mix Identification: S-122
No. of Specimens Molded: 3
Design Strength, psi: 4400 / 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh Date: 08-20-86
Time in Mixer: hrs. 50 min.
Submitted By: Date:
Water Added on Job, gal.: 10
Authorized By: Date:
Test Procedure: ASTM-C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
464A	08-27-86	7	53000	4220		12.57	PP
464B	09-17-86	28					
464C		Hold					

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Donna Howell 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-14-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Stocks Mill & Supply
Architect/Engineer:
Source of Sample: 7th Story, Walls L-R, From 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in.:
Ticket Number:
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F:
Mix Identification: S-122
No. of Specimens Molded: 3
Design Strength, psi: 4400 / 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: B. Ritter Date: 08-14-86
Time in Mixer: hrs. min.
Submitted By: Date:
Water Added on Job, gal.:
Authorized By: Date:
Test Procedure: UBC
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
450A	08-21-86	7	70000	5570		12.57	PP
450B	09-11-86	28	Discard				PP
450C		Hold	Discard				PP

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-25-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 3rd Floor Walls 0' to 8', Lines N-S, From 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in. 8 1/2
Ticket Number:
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 92
Mix Identification S-119
No. of Specimens Molded 3
Design Strength, psi 4400 / 28 days
Size of Specimens 4 x 8
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 07-25-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal 5
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength, Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
397A	08-01-86	7	35000	3020		11.6	PP
397B	08-22-86	28	50000	4550		11.0	PP
397C		Hold	Discard				PP

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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-11-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry — Architect/Engineer:
Source of Sample: 6th Story, Walls 0' to 8', Lines L-R, From 2-9
Material Supplier: Stocks Mill & Supply — Measured Slump, in.:
Ticket Number: 07034 — Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10 — Ambient Air Temperature, °F:
Mix Identification: S-122 — No. of Specimens Molded: 3
Design Strength, psi: 4400 / 28 days — Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8 — Sampled By: K. Singh — Date: 08-11-86
Time in Mixer: hrs. min. — Submitted By: — Date:
Water Added on Job, gal.: — Authorized By: — Date:
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
437A	08-18-86	7	71000	5650		12.57	PP
437B	09-08-86	28	Discard				PP
437C		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-04-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 4th Story Wall, 0' To 8', Lines R-Z, From 2 To 9
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 8 3/4
Ticket Number: 06331
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 110
Mix Identification: S-122
No. of Specimens Molded: 3
Design Strength, psi: 4400 / 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh
Date: 08-04-86
Time in Mixer: 1 hrs. 10 min.
Submitted By:
Date:
Water Added on Job, gal: 20
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
416A	08-11-86	7	61500	6130		10.04	PP
416B	09-01-86	28	Discard				PP
416C		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-07-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 5th Story Walls, 0' to 8', Lines R-Z, From 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in: 8 3/4
Ticket Number: 06554
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 110
Mix Identification: S-122
No. of Specimens Molded: 3
Design Strength, psi: 4400 / 28 days,
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh Date: 08-07-86
Time in Mixer: 1 hrs. 30 min.
Submitted By: Date:
Water Added on Job, gal.: 15
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load: Pounds Force	Compressive Strength Maximum Load: psi	Type Fracture If Other Than Cone	Area In Square in.	Tested By
426A	08-14-86	7	61000	4850		12.57	PP
426B	09-04-86	28	Discard				PP
426C		Hold	Discard				PP

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-25-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 3rd Floor, Walls 0' to 8', Lines N-S, From 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in. 8 1/2
Ticket Number:
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 92
Mix Identification S-119
No. of Specimens Molded 3
Design Strength, psi 4400 / 28 days
Size of Specimens 4 x 8
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 07-25-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 5
Authorized By Date
Test Procedure ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
397A	08-01-86	7	35000	3020		11.6	PP
397B	08-22-86	28					
397C		Hold					

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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 09-03-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 21st Story, Walls 4' To 8', Lines B-E, From 1-12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 8 1/2
Ticket Number:
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 98
Mix Identification: CM2232
No. of Specimens Molded: 3
Design Strength, psi: ~~2000~~ 2500 / 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh
Date: 09-03-86
Time in Mixer: 1 hrs. 0 min.
Submitted By:
Date:
Water Added on Job, gal.: 15
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
488A	09-10-86	7	37000	2940		12.57	PP
488B	10-01-86	28	Discard				PP
488C		Hold	Discard				PP

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-21-86
Reviewed By

Project: Golden Nugget/Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 8th Story, Walls 0' to 8', Lines L-R, From 2-9.
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 9
Ticket Number: 07449
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 108
Mix Identification: S-122
No. of Specimens Molded: 3
Design Strength, psi: 4400 / 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh Date: 08-20-86
Time in Mixer: hrs 50 min.
Submitted By: Date:
Water Added on Job, gal.: 10
Authorized By: Date:
Test Procedure: ASTM-C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
464A	08-27-86	7	53000	4220		12.57	PP
464B	09-17-86	28	67000	5330		12.57	PP
464C		Hold	Discard				PP

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-09-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 11th Story Walls, Lines T-V, From 2-9 0' To 8'
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 8 1/2
Ticket Number: 80347
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 85
Mix Identification: CM2232
No. of Specimens Molded: 3
Design Strength, psi: 3000 / 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. SIngh Date: 09-09-86
Time in Mixer: 1 hrs. 0 min.
Submitted By: Date:
Water Added on Job, gal.: 10
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
501A	09-16-86	7	47000	3740		12.57	PP
501B	10-07-86	28	Discard				PP
501C		Hold	Discard				PP

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client [redacted]tlandia Design & Furnishings
29 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-02-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 10th Story Walls, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 9
Ticket Number 07993
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 98
Mix Identification S-122
No. of Specimens Molded 3
Design Strength, psi 4400 / 28 days
Size of Specimens 4 x 8
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 09-02-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
484A	09-09-86	7	78000	6210		12.57	PP
484B	09-30-86	28	Discard				PP
484C		Hold	Discard				PP

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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-28-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 9th Story Wall 0' to 8', Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply — Measured Slump, in. 9
Ticket Number 07854 — Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 — Ambient Air Temperature, °F 90
Mix Identification S-122 — No. of Specimens Molded 3
Design Strength, psi 4400 / 28 days — Size of Specimens 4 x 8
Max. Size Aggregate, in. 3/8 — Sampled By K. Singh — Date 08-28-86
Time in Mixer 1 hrs. 0 min. — Submitted By — Date
Water Added on Job, gal. 10 — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load: Pounds Force	Compressive Strength Maximum Load: psi	Type Fracture If Other Than Cone	Area In Square in.	Tested By
477A	09-04-86	7	56000	4460		12.57	PP
477B	09-25-86	28	Discard				PP
477C		Hold	Discard				PP

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WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

GROUT COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-25-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Third To Fourth Floors, Wall Line 26 & 27, Second Course

MIX DESIGN: S 119

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 3500 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 80

TICKET NO.: 53583

TEMPERATURE - AIR, °F:

COMMENTS: 9" Slump

SPECIMEN NO.	111A	111B	111C		
DATE CAST	03-25-86	03-25-86	03-25-86		
DATE TESTED	04-01-86	04-22-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	04-01-86	04-01-86	04-01-86		
NOMINAL DIMENSIONS, IN.	4 X 8				
AREA, SQ. IN.	12.25				
ULTIMATE LOAD, LBS.	70000	Discard RO	Discard RO		
COMPRESSIVE STRENGTH - PSI	5710				

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WESTERN TECHNOLOGIES INC.

309 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-10-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry
Architect/Engineer
Source of Sample South Stairwell, Second To Third Floors
Material Supplier Stocks Mill & Supply
Measured Slump, in. 11
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 70
Mix Identification S-119
No. of Specimens Molded 3
Design Strength, psi 4400 / 28 days
Size of Specimens 4 X 8
Max. Size Aggregate, in. 3/4
Sampled By J. Glagola Date 04-10-86
Time in Mixer 0 hrs. 40 min.
Submitted By K. Singh Date 04-12-86
Water Added on Job, gal. 0
Authorized By Marty Date 04-10-86
Test Procedure ASTM C39-83B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
145A	04-17-86	7	42600	3510		12.13	MD
145B	05-08-86	28	71000	5710		12.44	RO
145C		Hold		Discard			RO

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-10-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry
Architect/Engineer
Source of Sample South Stairwell, Second To Third Floors
Material Supplier Stocks Mill & Supply
Measured Slump, in. 11
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 70
Mix Identification S-119
No. of Specimens Molded 3
Design Strength, psi 4400 / 28 days
Size of Specimens 4 X 8
Max. Size Aggregate, in. 3/4
Sampled By J. Glagola Date 04-10-86
Time in Mixer 0 hrs. 40 min.
Submitted By K. Singh Date 04-12-86
Water Added on Job, gal. 0
Authorized By Marty Date 04-10-86
Test Procedure ASTM C39-83B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
145A	04-17-86	7	42600	3510		12.13	MD
145B	05-08-86	28					
145C		Hold					

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300 West Boston Avenue
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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-17-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry
Architect/Engineer
Source of Sample Trial Batch
Material Supplier Stocks Mill & Supply
Measured Slump, in. 9 1/2
Ticket Number 0158
Measured Air Content, % Not Measured
Batch Size cu. yds. 1
Ambient Air Temperature, °F 68
Mix Identification S-119
No. of Specimens Molded 3
Design Strength, psi 4400 / 28 days
Size of Specimens 4 X 8
Max. Size Aggregate, in. 3/8
Sampled By J. Glagola Date 04-17-86
Time in Mixer 0 hrs. 35 min.
Submitted By J. Glagola Date 04-19-86
Water Added on Job, gal. 0
Authorized By Marty Date 04-17-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
156A	04-24-86	7	58000	4830		12.00	MD
156B	05-15-86	28		Discard			MD
156C		Hold		Discard			MD

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-18-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Grout For Dummy Walls
Material Supplier Stocks Mill & Supply
Measured Slump, in. 7
Ticket Number 0233
Measured Air Content, % Not Measured
Batch Size cu. yds. 1
Ambient Air Temperature, °F 63
Mix Identification S-119 With 1 Gallon Of Sika *
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 4 X 8
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 04-18-86
Time in Mixer hrs. 30 min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B

Remarks: *Red Label

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
157A	04-25-86	7	77000	6380		12.07	MD
157B	05-16-86	28		Discard		—	MD
157C		Hold		Discard			MD

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LABORATORY REPORT

COMPRESSIVE STRENGTH TEST ON GROUT

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-22-86

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engineer:
Source of Sample: Third To Fourth Floor Wall, First Course Lines 20 To 24
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 8 1/2
Ticket Number: 0393
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 85
Mix Identification: S-119
No. of Specimens Molded: 3
Design Strength, psi: 4500 / 28 days
Size of Specimens: 4 X 8
Max. Size Aggregate, in.: 3/8
Sampled By: J. Glagola Date: 04-22-86
Time in Mixer: 1 hrs. 55 min.
Submitted By: J. Glagola Date: 04-24-86
Water Added on Job, gal.: 10
Authorized By: Marty Date: 04-22-86
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking # If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
167A	04-29-86	7	38500	3130		12.32	MD
167B	05-20-86	28	63000	5140		12.25	RO
167C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-22-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Daley Masonry Architect/Engineer
Source of Sample Third To Fourth Floor Wall, First Course Lines 20 To 24
Material Supplier Stocks Mill & Supply Measured Slump, in. 8 1/2
Ticket Number 0393 Measured Air Content, % Not Measured
Batch Size cu. yds. 10 Ambient Air Temperature, °F 85
Mix Identification S-119 No. of Specimens Molded 3
Design Strength, psi 4500 / 28 days Size of Specimens 4 X 8
Max. Size Aggregate, in. 3/8 Sampled By J. Giagola Date 04-22-86
Time in Mixer 1 hrs. 55 min. Submitted By J. Giagola Date 04-24-86
Water Added on Job, gal. 10 Authorized By Marty Date 04-22-86
Test Procedure ASTM C39-84B

Remarks: GOES WITH FIRST SET OF PRISMS W/ GROUT AID

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
167A	04-29-86	7	38500	3130		12.32	MD
167B	05-20-86	28					
167C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-22-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry
Architect/Engineer
Source of Sample Third To Fourth Floor Wall, First Course Lines 20 To 24
Material Supplier Stocks Mill & Supply
Measured Slump, in. 8 1/2
Ticket Number 0393
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 85.
Mix Identification S-119
No. of Specimens Molded 3
Design Strength, psi 4500 / 28 days.
Size of Specimens 4 X 8
Max. Size Aggregate, in. 3/8
Sampled By J. Glagola Date 04-22-86
Time in Mixer 1 hrs. 55 min.
Submitted By J. Glagola Date 04-24-86
Water Added on Job, gal. 10
Authorized By Marty Date 04-22-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load Pounds Force	Compressive Strength Maximum Load psi	Type Fracture If Other Than Cone	Area in Square inch	Tested By
167A	04-29-86	7	38500	3130		12.32	MD
167B	05-20-86	28					
167C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-22-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry
Architect/Engineer
Source of Sample Trial Batch With Plasticizer (Not Approved)
Material Supplier Stocks Mill & Supply
Measured Slump, in. 8 1/4
Ticket Number 0457
Measured Air Content, % Not Measured
Batch Size cu. yds. 1
Ambient Air Temperature, °F 89
Mix Identification S-122
No. of Specimens Molded 3
Design Strength, psi 4400 / 28 days
Size of Specimens 4 X 8
Max. Size Aggregate, in. 3/8
Sampled By J. Glagola Date 04-22-86
Time in Mixer 0 hrs. 50 min.
Submitted By J. Glagola Date 04-24-86
Water Added on Job, gal. 0
Authorized By Marty Date 04-22-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
169A	04-29-86	7	66000	5170		12.76	MD
169B	05-20-86	28					
169C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-28-86

Project Golden Nugget Towers
Location 1st. & Bridger
Contractor Daley Masonry
Architect/Engineer
Source of Sample 3rd To 4th Floor Walls, Lines 18 & 19, First Course, 13 To 17, Second Course
Material Supplier Stocks Mill & Supply
Measured Slump, in. 8 1/4
Ticket Number 0721
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 77
Mix Identification S-119
No. of Specimens Molded 3
Design Strength, psi 4400 / 28 days
Size of Specimens 4 X 8
Max. Size Aggregate, in. 3/8
Sampled By J. Glagola Date 04-28-86
Time in Mixer 1 hrs. 30 min.
Submitted By J. Glagola Date 04-29-86
Water Added on Job, gal. 10
Authorized By Marty Date 04-28-86
Test Procedure ASTM C39-84B
Remarks

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
181A	05-05-86	7	41000	2990		13.72	RO
181B	05-26-86	28	64500	4960		13.01	RO
181C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. _____
Date of Report 04-28-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry
Architect/Engineer _____
Source of Sample 3rd To 4th Floor Walls, Lines 18 & 19, First Course, 13 To 17, Second Course
Material Supplier Stocks Mill & Supply
Measured Slump, in. 8 1/4
Ticket Number 0721
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 77
Mix Identification S-119
No. of Specimens Molded 3
Design Strength, psi 4400 / 28 days
Size of Specimens 4 X 8
Max. Size Aggregate, in. 3/8
Sampled By J. Glagola Date 04-28-86
Time in Mixer 1 hrs. 30 min.
Submitted By J. Glagola Date 04-29-86
Water Added on Job, gal. 10
Authorized By Marty Date 04-28-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
181A	05-05-86	7	41000	2990		13.72	RO
181B	05-26-86	28					
181C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-12-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 5th Story Masonry Walls, E - 28, 4 Feet High
Material Supplier Stocks Mill & Supply — Measured Slump, in. 8
Ticket Number 1498 — Measured Air Content, % Not Measured
Batch Size cu. yds. 10 — Ambient Air Temperature, °F 75
Mix Identification S119 — No. of Specimens Molded 3
Design Strength, psi 4500 / 28 days — Size of Specimens 4 X 8
Max. Size Aggregate, in. 3/8 — Sampled By K. Singh — Date 05-12-86
Time in Mixer 1 hrs. 0 min. — Submitted By K. Singh — Date 05-12-86
Water Added on Job, gal. 6 — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
207A	05-19-86	7	48000	4120		11.64	RO
207B	06-09-86	28	57000	4660		12.22	RO
207C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-12-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 5th Story Masonry Walls, E - 28, 4 Feet High
Material Supplier Stocks Mill & Supply
Measured Slump, in. 8
Ticket Number 1498
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 75
Mix Identification S119
No. of Specimens Molded 3
Design Strength, psi 4500 / 28 days
Size of Specimens 4 X 8
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 05-12-86
Time in Mixer 1 hrs. 0 min.
Submitted By K. Singh Date 05-12-86
Water Added on Job, gal. 6
Authorized By Date
Test Procedure ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds. Force	psi			
207A	05-19-86	7	48000	4120		11.64	RO
207B	06-09-86	28					
207C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-15-86

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Masonry Walls, 5th Floor, G - K On 18 *
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 8
Ticket Number: 1749
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 80
Mix Identification: S-119
No. of Specimens Molded: 3
Design Strength, psi: 4500 / 28 days
Size of Specimens: 4 X 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh
Date: 05-15-86
Time in Mixer: 1 hrs. 10 min.
Submitted By:
Date:
Water Added on Job, gal.: 15
Authorized By:
Date:
Test Procedure: ASTM C39-84B

Remarks:
* Masonry Walls, G - K, From 20 - 13, 4' High

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
217A	05-22-86	7	43500	3440		12.63	MD
217B	06-12-86	28	70500	5580		12.63	MD
217C		Hold		Discard			MD

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-15-86

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Masonry Walls, 5th Floor, G - K On 18 *
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 8
Ticket Number: 1749
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 80
Mix Identification: S-119
No. of Specimens Molded: 3
Design Strength, psi: 4500 / 28 days
Size of Specimens: 4 X 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh Date: 05-15-86
Time in Mixer: 1 hrs. 10 min.
Submitted By: Date:
Water Added on Job, gal.: 15
Authorized By: Date:
Test Procedure: ASTM C39-84B

Remarks:
* Masonry Walls, G - K, From 20 - 13, 4' High

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
217A	05-22-86	7	43500	3440		12.63	MD.
217B	06-12-86	28					
217C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-19-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 5th Story Masonry Walls, Lines B - G, From 1 - 12
Material Supplier Stocks Mill & Supply
Measured Slump, in. 8 1/2
Ticket Number 1907
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 70
Mix Identification S 119
No. of Specimens Molded 3
Design Strength, psi 4500 / 28 days
Size of Specimens 4 X 8
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 05-19-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
230A	05-26-86	7	46000	3720		12.37	RO
230B	06-16-86	28	57000	4660		12.25	RO
230C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-19-86

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 5th Story Masonry Walls, Lines B - G, From 1 - 12
Material Supplier: Stocks Mill & Supply.
Measured Slump, in.: 8 1/2
Ticket Number: 1907
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 70
Mix Identification: S 119
No. of Specimens Molded: 3
Design Strength, psi: 4500 / 28 days
Size of Specimens: 4 X 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh
Date: 05-19-86
Time in Mixer: 1 hrs. 0' min.
Submitted By:
Date:
Water Added on Job, gal.:
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch.	Tested By
			Pounds Force	psi			
230A	05-26-86	7	46000	3720		12.37	RO
230B	06-16-86	28					
230C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-29-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor
Architect/Engineer
Source of Sample 7th Floor, Walls, North Side, 2nd Course
Material Supplier Stocks Mill & Supply
Measured Slump, in. 8 1/2
Ticket Number 2382
Measured Air Content, % Not Measured
Batch Size-cu. yds. 10
Ambient Air Temperature, °F 84
Mix Identification S-119
No. of Specimens Molded 3
Design Strength, psi 3500 / 28 days
Size of Specimens 4 X 8
Max. Size Aggregate, in.
Sampled By R. Ogle
Date 05-29-86
Time in Mixer hrs. min.
Submitted By
Date
Water Added on Job, gal.
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Suare inch	Tested By
			Pounds Force	psi			
260A	06-05-86	7	44500	3950		12.37	RO
260B	06-26-86	28	55000	4490		12.25	RO
260C		Hold		Discard			RO

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Donna Hovsky 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-29-86

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor:
Architect/Engineer:
Source of Sample: 7th Floor Walls, North Side, 2nd Course
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 8 1/2
Ticket Number: 2382
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 84
Mix Identification: S-119
No. of Specimens Molded: 3
Design Strength, psi: 3500 / 28 days
Size of Specimens: 4 X 8
Max. Size Aggregate, in.:
Sampled By: R. Ogle Date: 05-29-86
Time in Mixer: hrs. min.
Submitted By: Date:
Water Added on Job, gal.:
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Suare inch	Tested By
			Pounds Force	psi			
260A	06-05-86	7	41500	3350		12.37	RO
260B	06-26-86	28					
260C		Hold					

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Donna Howell 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-04-86

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Daley Masonry
Architect/Engineer:
Source of Sample: 8th Floor, 1st Course, East Side Of Tower
Material Supplied: Stocks Mill & Supply
Measured Slump, in.: 8 1/2
Ticket Number:
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 100
Mix Identification: S-119
No. of Specimens Molded: 3
Design Strength, psi: 3500 @ 28 days
Size of Specimens: 4 X 8
Max. Size Aggregate, in.:
Sampled By: R. Ogle Date: 06-04-86
Time in Mixer: hrs. min.
Submitted By: R. Singh Date: 06-06-86
Water Added on Job, gal.:
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
281A	06-11-86	7	53000	4330		12.25	RO
281B	07-02-86	28		Discard			RO
281C		Hold		Discard			RO

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(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182.
Lab./Invoice No. ____
Date of Report 06-10-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry
Architect/Engineer ____
Source of Sample Eight Floor Slab, Lines 13 To 20, From B To F
Material Supplier Stocks Mill & Supply
Measured Slump, in. 8
Ticket Number 3181
Measured Air Content, % Not Measured
Batch Size cu. yds. 9
Ambient Air Temperature, °F 93
Mix Identification S 119
No. of Specimens Molded 3
Design Strength, psi 4400 / 28 days
Size of Specimens 4 X 8
Max. Size Aggregate, in. 3/8
Sampled By J. Glagola Date 06-10-86
Time in Mixer ____ hrs. ____ min.
Submitted By J. Glagola Date 06-12-86
Water Added on Job, gal. ____
Authorized By Marty Date 06-10-86
Test Procedure ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	- psi			
294A	06-17-86	7	56000	4530		12.37	RO
294B	07-08-86	28		Discard			RO
294C		Hold		Discard			RO

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Dona Horsley 1-5-88

C

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-16-86

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Bill Daley
Architect/Engineer:
Source of Sample: 9th Floor Masonry Walls, G - K, From 13 - 20
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 9
Ticket Number: 3534
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 98
Mix Identification: S-119
No. of Specimens Molded: 3
Design Strength, psi: 3000 / 28 days
Size of Specimens: 4 X 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh
Date: 06-16-86
Time in Mixer: 1 hrs. 0 min.
Submitted By:
Date:
Water Added on Job, gal.: 5
Authorized By:
Date:
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
311A	06-23-86	7	45000	3640		12.37	RO
311B	07-14-86	28		Discard			RO
311C		Hold		Discard			RO

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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GROUT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-27-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 11th Story Masonry Walls, Lines 20 - 30, From D -
Material Supplier Stocks Mill & Supply
Measured Slump, in. 8 1/2
Ticket Number 4333
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 102
Mix Identification S 119
No. of Specimens Molded 3
Design Strength, psi 3000 / 28 days
Size of Specimens 4 X 8
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 06-27-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 5
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
347A	07-04-86	7	43000	3420		12.57	RO
347B	07-25-86	28		Discard			RO
347C		Hold		Discard			RO

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Dona Hawks 1-5-88

GNLV Tower
Mortar Matl
Specification
Section 04200, 2.2

GENSTAR

Genstar Lime Company
901 Mariner's Island Blvd
Suite 425
San Mateo, CA 94404
Telephone 415-571-5463

Cind-R-Lite
3333 Cinder Lane
Las Vegas, Nevada 89103
Attn: Ernie

JOB: Golden Nugget (Tower)

CONTRACTOR: Sierra Construction

MASONRY: Bill Daley Masonry

We are pleased to certify that our Genstar Type S Hydrated Lime will meet the following specifications:

Federal Specification SS-L-351b - Lime; Hydrated for Structural Purposes. Type F (Finish Lime), Type M (Masons Lime).

A.S.T.M. Desingation: C-206-79 Type S (Special Hydrated Lime for Finishing Purposes), Type N ((Normal Hydrated Lime for Finishing Purposes). C-207-79 Type S (Special Hydrated Lime for Masonry Purposes), Type N (Normal Hydrated Lime for Masonry Purposes), Type N (Normal Hydrated Lime for Masonry Purposes).

When using Genstar Type S Hydrated Lime, requirements governing slaking, soaking or aging are rescinded, inasmuch as Genstar Type S hydrated Lime requires no slaking, soaking or aging, but may be used immediately in accordance with the recommendations of the manufacturer.

Very truly yours,

GENSTAR LIME COMPANY

Jeff McGinn
Sales Manager
Building and Construction Sales

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APR 03 1986
SIERRA
CONSTRUCTION CORP.
GENERAL CONTRACTORS

RECEIVED
MAR 04 1986
SIERRA
CONSTRUCTION CORP.
GENERAL CONTRACTORS

Door Hook 1-5-86

GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design intent of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Product Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and Civil Authority requirements must be met.

☒ APPROVED AS NOTED — RESUBMISSION NOT REQUIRED
☐ NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT
☐ REJECTED — DO NOT RESUBMIT

BY JDBA DISCIPLINE STRUCT

DATE 1-4-86

MARTIN & ASSOCIATES
1661 RANCHO DRIVE S., LAS VEGAS, NV 89114

Dona Hoole 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 10-15-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 20th Story deck, lines L - R, from 2 - 9.
Material Supplier Bill Daley — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 70
Mix Identification 1 bag cement, ½ bag lime, 50-60 shv. sand — No. of Specimens Molded 6
Design Strength, psi 2,000 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. sand — Sampled By K. Singh — Date 10-15-86
Time in Mixer — hrs. — min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
548 A	10-22-86	7	5800	1850		3.14	RO
548 B	10-22-86	7	5600	1780		3.14	RO
548 C	11-12-86	28					
548 D	11-12-86	28					
548 E		Hold					
548 F		Hold					

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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Dora Hawley 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702)798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 10-08-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 18th Story, Walls P-U, From 2-9
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 75
Mix Identification 1 Sk. Cement, 1/2 Sk. Lime, 50-5[illegible]ys. Sand — No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 10-08-86
Time in Mixer — hrs. — min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
538A	10-15-86	7	7000	2230		3.14	RO
538B	10-15-86	7	7000	2230		3.14	RO
538C	11-05-86	28	Discard				RO
538D	11-05-86	28	Discard				RO
538E		Hold	Discard				RO
538F		Hold	Discard				RO

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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV. 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. _____
Date of Report 10-13-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer _____
Source of Sample 19th Story Walls, P - V, From 2 - 9
Material Supplier Bill Daley — Measured Slump, in. _____
Ticket Number _____ — Measured Air Content, % Not Measured
Batch Size cu. yds. _____ — Ambient Air Temperature, °F 70°
Mix Identification 1 bag cement, 3 bag lime, 50-60 shovels sand — No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. sand — Sampled By K. Singh — Date 10/13/86
Time in Mixer _____ hrs. _____ min. — Submitted By _____ — Date _____
Water Added on Job, gal. _____ — Authorized By _____ — Date _____
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
543A	10/20/86	7	7100	2260		3.14	PJP
543B	10/20/86	7	6900	2200		3.14	PJP
543C	11/10/86	28	Discard				
543D	11/10/86	28	Discard				
543E		Hold	Discard				
543F		Hold	Discard				

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Dona Hoisch 1-5-88

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 8145J182
Lab. Invoice No. ADF86031
Date of Report 09-16-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 13th Story, Walls 0' to 8', Lines V-Z, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 77
Mix Identification 1 Sk. Cement, 1/2 Sk. Lime, 50-56 Shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 09-16-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
512A	09-23-86	7	5400	1720		3.14	PP
512B	09-23-86	7	5500	1750		3.14	PP
512C	10-14-86	28					
512D	10-14-86	28					
512E		Hold					
512F		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 08-04-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 4th Story Walls, 0' To 8' Lines R-Z, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 102
Mix Identification 2 sks. Cement, 1 sk. Lime, 50-56 Shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 08-04-86
Time in Mixer hrs min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
415A	08-11-86	7	3500	1110		3.14	PP
415B	08-11-86	7	3800	1210		3.14	PP
415C	09-01-86	28	4800	1530		3.14	PP
415D	09-01-86	28	4500	1430		3.14	JG
415E	09-29-86	56	5800	1850		3.14	PP
415F	09-29-86	56	5900	1880		3.14	PP

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129 E. Fremont
SPEC REPORTS

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 09-22-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 14th Story Walls, Lines R-Z, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F
Mix Identification 1 Sk. Cement, 1/2 Sk. Lime, 50-56 Shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 09-22-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square in.	Tested By
			Pounds Force	psi			
517A	09-29-86	7	7000	2230		3.14	PP
517B	09-29-86	7	6600	2100		3.14	PP
517C	10-20-86	28	Discard				PP
517D	10-20-86	28	Discard				PP
517E		Hold	Discard				PP
517F		Hold	Discard				PP

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Dona Hawley 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 09-02-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 10th Story, Walls 0' to 8', L-R, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 98
Mix Identification 2 Sks. Cement, 1/2 Sk. Lime, 50-56 Shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 09-02-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC-24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
483A	09-09-86	7	5100	1620		3.14	PP
483B	09-09-86	7	5300	1690		3.14	PP
483C	09-30-86	28	7400	2360		3.14	PP
483D	09-30-86	28	7300	2320		3.14	PP
483E	10-28-86	56					
483F	10-28-86	56					

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Dona Lovell 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 08-08-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 18th Story, Walls 4' to 8', Lines G-K, From 13-20
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 106
Mix Identification 1 sk. Cement, 1/2 sk. Lime, 50-55 shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days.
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 08-08-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC-24-22

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square in.	Tested By
			Pounds Force	psi			
430A	08-15-86	7	3100	990		3.14	PP
430B	08-15-86	7	3400	1080		3.14	PP
430C	09-05-86	28	5400	1720		3.14	PP
430D	09-05-86	28	5200	1660		3.14	PP
430E	10-03-86	56	3800	1210		3.14	RO
430F	10-03-86	56	4100	1310		3.14	RO

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Dona Hoel 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 41453182
Lab./Invoice No.
Date of Report 09-03-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 21st Story, Walls 4' to 8', Lines B-E, From 1-2
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 95
Mix Identification 1 Sk. Cement, 1/2 Sk. Lime, 50-56 Shvg. Sand — No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 09-03-86
Time in Mixer — hrs. — min. — Submitted By — Date
Water Added on Job, gal — Authorized By — Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
487A	09-10-86	7	6100	1940		3.14	PP. ✓
487B	09-10-86	7	5800	1850		3.14	PP ✓
487C	10-01-86	28	7000	2230		3.14	PP
487D	10-01-86	28	7100	2260		3.14	PP
487E		Hold	Discard				PP
487F		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 09-25-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 15th Story Walls, Lines L-R, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 78
Mix Identification 1Sk. Cement, 1/2 Sk. Lime, 50-56 Shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / ~~28~~ days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 09-25-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
523A	10-02-86	7	8300	2640		3.14	PP
523B	10-02-86	7	8200	2610		3.14	PP
523C	10-23-86	28	Discard				PP
523D	10-23-86	28	Discard				PP
523E		Hold	Discard				PP
523F		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV. 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 08-22-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 20th Story, Walls 4' to 8', Lines B-E, From 1 to 2
Material Supplier Bild Daley — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F
Mix Identification 1 Sk. Cement, ½ Sk. Lime, 50-56 Shvs. Sand — No. of Specimens Molded 6
Design Strength, psi 2000 / 28* days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 08-22-86
Time in Mixer — hrs. — min. — Submitted By — Date
Water Added on job, gal. — Authorized By — Date
Test Procedure UBC 24-22

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
466A	08-29-86	7	5500	1750		3.14	PP
466B	08-29-86	7	5600	1780		3.14	PP
466C	09-19-86	28	7800	2480		3.14	PP
466D	09-19-86	28	8100	2580		3.14	PP
466E		Hold	Discard				PP
466F		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 41453182
Lab./Invoice No. ADF86031
Date of Report 09-09-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Mason
Architect/Engineer
Source of Sample 11th Story, Walls 0' To 8', Lines T-V, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Mix Identification 1 Sk. Cement, 1/2 Sk. Lime, 50-56 Shvs. Sand
Ambient Air Temperature, °F 84
Design Strength, psi 2000 / 28 days
No. of Specimens Molded 6
Max. Size Aggregate, in. Sand
Size of Specimens 2 x 4
Time in Mixer hrs. min.
Sampled By K. Singh Date 09-09-86
Water Added on Job, gal.
Submitted By Date
Test Procedure UBC 24-22
Authorized By Date
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load.		Type Fracture *If Other Than Cone	Area In Square in.	*Tested By
			Pounds Force	psi			
500A	09-16-86	7	5000	1590		3.14	PP
500B	09-16-86	7	4900	1560		3.14	PP
500C	10-07-86	28					
500D	10-07-86	28					
500E		Hold					
500F		Hold					

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Anna Hayes 1-5-88

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 09-09-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 11th Story, Walls 0' To 8', Lines T-V, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 84
Mix Identification 1 Sk. Cement, 1/2 Sk. Lime, 50-56 Shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 09-09-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
500A	09-16-86	7	5000	1590		3.14	PP
500B	09-16-86	7	4900	1560		3.14	PP
500C	10-07-86	28	8200	2610		3.14	RO
500D	10-07-86	28	8300	2640		3.14	RO
500E		Hold	Discard				RO
500F		Hold	Discard				RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 09-30-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 16th Story Walls, L-R, From 2-9
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 76
Mix Identification 1Sk. Cement, 1/2 Sk. Lime, 50-56 Snys. Sand — No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 09-30-86
Time in Mixer — hrs. — min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
529A	10-07-86	7	8900	2830		3.14	PP
529B	10-07-86	7	8500	2710		3.14	PP
529C	10-28-86	28	Discard				PP
529D	10-28-86	28	Discard				PP
529E		Hold	Discard				PP
529F		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 10-03-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 17th Story Walls, Lines P-V, from 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 78
Mix Identification 1 Sk. Cement, 1/2 Sk. Lime, 50-56 Shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days.
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 10-03-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
532A	10-10-86	7	7100	2260		3.14	PP
532B	10-10-86	7	6800	2170		3.14	PP
532C	10-31-86	28	Discard				PP
532D	10-31-86	28	Discard				PP
532E		Hold	Discard				PP
532F		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 09-16-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 13th Story, Walls 0' to 8', Lines V-Z, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 77
Mix Identification 1 Sk. Cement, 1/2 Sk. Lime, 50-56 Shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 09-16-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
512A	09-23-86	7	5400	1720		3.14	PP ✓
512B	09-23-86	7	5500	1750		3.14	PP ✓
512C	10-14-86	28	6400	2040		3.14	PP
512D	10-14-86	28	6300	2010		3.14	PP
512E		Hold	Discard				PP
512F		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 08-29-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 8th Story Walls, 0' to 8', Lines L-R, From 2-9
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 105
Mix Identification 2 Sks. Cement, 1 Sk. Lime, 50-56 Shvs. Sand — No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 08-20-86
Time in Mixer — hrs. — min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			*Pounds Force	psi			
463A	08-27-86	7	5900	1880		3.14	PP
463B	08-27-86	7	6100	1940		3.14	PP
463C	09-17-86	28	8700	2770		3.14	PP
463D	09-17-86	28	8800	2800		3.14	PP
463E		Hold	Discard				PP
463F		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 08-11-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 6th Story, Walls 0' to 8', Lines L-R, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 98
Mix Identification 2 sks. Cement, 1 sk. Lime, 50-56 shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2500 2000 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 08-11-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal
Authorized By Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
436A	08-18-86	7	7500	2390		3.14	PP
436B	08-18-86	7	7800	2480		3.14	PP
436C	09-08-86	28	10000	3180		3.14	PP
436D	09-08-86	28	9800	3120		3.14	PP
436E		Hold	Discard				PP
436F		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 08-27-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 9th Story, Walls 0'' to 8', Lines R-Z, From 2-9
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F
Mix Identification 2 Sks. Cement, 1/2 Sk. Lime, 50-56 Shvs. Sand — No. of Specimens Molded 6
Design Strength, psi ~~2500~~ 2000 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 08-28-86
Time in Mixer — hrs. — min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC 24-22

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
476A	09-04-86	7	8400	2680		3.14	PP
476B	09-04-86	7	8500	2710		3.14	PP
476C	09-25-86	28	Discard				PP
476D	09-25-86	28	Discard				PP
476E		Hold	Discard				PP
476F		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 08-04-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 4th Story Walls, 0' To 8', Lines R-Z, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 102
Mix Identification 2 sks. Cement, 1 sk. Lime, 50-56 shvs. Sand
No. of Specimens Molded 6
Design Strength, psi ~~2500~~ 2000 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh
Date 08-04-86
Time in Mixer hrs. min.
Submitted By
Date
Water Added on Job, gal.
Authorized By
Date
Test Procedure UBC24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
415A	08-11-86	7	3500	1110		3.14	PP
415B	08-11-86	7	3800	1210		3.14	PP
415C	09-01-86	28	4800	1530		3.14	PP
415D	09-01-86	28	4500	1430		3.14	JG
415E	09-29-86	56					
415F	09-29-86	56					

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Dona Hoesly 1-[illegible]-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF8603J
Date of Report 08-07-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 5th Story Walls; Lines R-Z, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 100
Mix Identification 2 sks. Cement, 1 sk. Lime, 50-56 shvs. Sand
No. of Specimens Molded 6
Design Strength, psi ~~2500~~ 2000 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 08-07-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
425A	08-14-86	7	6100	1940		3.14	PP
425B	08-14-86	7	5900	1880		3.14	PP
425C	09-04-86	28	9700	3090		3.14	PP
425D	09-04-86	28	10100	3220		3.14	PP
425E		Hold	Discard				PP
425F		Hold	Discard				PP

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Sierra Construction (1) mail
Martin, Peltyn & Associates (1) mail
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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 09-11-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 12th Story Walls, Lines R-W, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number 6
Measured Air Content, % Not Measured
Batch Size cu. yds. 1 Sk. Cement, 1/2 Sk. Lime,
Ambient Air Temperature, °F 85
Mix Identification 50-56 Shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 09-11-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
504A	09-18-86	7	8000	2550		3.14	PP
504B	09-18-86	7	7700	2450		3.14	PP
504C	10-09-86	28	Discard				PP
504D	10-09-86	28	Discard				PP
504E		Hold	Discard				PP
504F		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 08-12-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 19th Story, Walls 0' to 4', Lines D-K, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 103
Mix Identification 1 sk: Cement, 1/2 sk. Lime, 50-56 Shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 08-12-86
Time in Mixer min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
441A	08-19-86	7	5200	1660		3.14	PP
441B	08-19-86	7	5100	1620		3.14	PP
441C	09-09-86	28	6300	2010		3.14	PP
441D	09-09-86	28	6200	1970		3.14	PP
441E		Hold	Discard				PP
441F		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 09-03-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 21st Story, Walls 4' to 8', Lines B-E, From 1-12
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 95
Mix Identification 1 Sk. Cement, 1/2 Sk. Lime, 50-56 Shvs. Sand — No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 09-03-86
Time in Mixer — hrs. — min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
487A	09-10-86	7	6100	1940		3.14	PP
487B	09-10-86	7	5800	1850		3.14	PP
487C	10-01-86	28					
487D	10-01-86	28					
487E		Hold					
487F		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 09-02-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 10th Story, Walls 0' to 8', L-R, From 2-9
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 98
Mix Identification 2 Sks. Cement, 1/2 Sk. Lime, 50-56 Shvs. Sand — No. of Specimens Molded 6
Design Strength, psi ~~2500~~ 2000 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 09-02-86
Time in Mixer — hrs. — min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC, 24-22

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
483A	09-09-86	7	5100	1620		3.14	PP
483B	09-09-86	7	5300	1690		3.14	PP
483C	09-30-86	28					
483D	09-30-86	28					
483E		Hold					
483F		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 08-08-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 18th Story, Walls 4' to 8', Lines G-K, From 13-20
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 106
Mix Identification 1 sk. Cement, 1/2 sk. Lime, 50-56 shvs. Sand — No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 08-08-86
Time in Mixer — hrs. — min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
430A	08-15-86	7	3100	990		3.14	PP
430B	08-15-86	7	3400	1080		3.14	PP
430C	09-05-86	28	5400	1720		3.14	PP
430D	09-05-86	28	5200	1660		3.14	PP
430E	10-03-86	56					
430F	10-03-86	56					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 08-20-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 8th Story Walls, 0' to 8', Lines L-R, From 2-9
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 105
Mix Identification 2 Sks. Cement, 1 Sk. Lime, 50-56 Shvs: Sand — No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 08-20-86
Time in Mixer — hrs. — min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
463A	08-27-86	7	5900	1880		3.14	PP
463B	08-27-86	7	6100	1940		3.14	PP
463C	09-17-86	28					
463D	09-17-86	28					
463E		Hold					
463F		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 7-31-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 17th Story Walls, 0' to 4', Lines D-K From 20-25
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 100
Mix Identification 1 Sk Cement, ½ Sk Lime, 50-56 Shv Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2x4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 7-31-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area, In Square in.	Tested By
			Pounds Force	psi			
407A	08-07-86	7	4800	1530		3.14	PJP
407B	08-07-86	7	5500	1750		3.14	PJP
407C	08-28-86	28	7600	2420		3.14	PJP
407D	08-28-86	28	7800	2480		3.14	PJP
407E		Hold	Discard				PJP
407E		Hold	Discard				PJP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 08-22-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 20th Story, Walls 4' to 8', Lines B-E, From 1-12
Material Supplier Bill Daley
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F
Mix Identification 1 Sk. Cement, ½ Sk. Lime, 50-56 Shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 08-22-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
466A	08-29-86	7	5500	1750		3.14	PP
466B	08-29-86	7	5600	1780		3.14	PP
466C	09-19-86	28					
466D	09-19-86	28					
466E		Hold					
466F		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 07-07-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 12th Story, Masonry Walls 0' to 4', Lines B-C, From 13-20
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 100
Mix Identification 2 sks. Cement, 1 sk. Lime, 50-56 shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 07-07-86
Time in Mixer hrs. 15 min.
Submitted By Date
Water Added on Job, gal
Authorized By Date
Test Procedure UBC 24-22

Remarks: * Note: Bad Cap.

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
358A	07-14-86	7	4200	1340		3.14	RO
358B	07-14-86	7	3900	1240		3.14	RO
358C	08-04-86	28	4500	* 1430		3.14	PP
358D	08-04-86	28	5900	1880		3.14	PP
358E	09-01-86	56	4900	1560		3.14	JG
358F	09-01-86	56	5300	1690		3.14	JG

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 07-17-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 14th Story Deck, 4' To 8' High, Lines B-C, From 13-20
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 90
Mix Identification 2 sk Cement, 1 sk lime, 50-56 shv Sand.
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 07-17-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square Inches	Tested By
			Pounds Force	psi			
380A	07-24-86	7	6000	1910		3.14	RO
380B	07-24-86	7	5400	1720		3.14	PP
380C	08-14-86	28	8000	2550		3.14	PP
380D	08-14-86	28	7900	2510		3.14	PP
380E		Hold	Discard				PP
380F		Hold	Discard				PP

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Dona Hoesly 7-31-86

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 7-31-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 17th Story Walls, 0' to 4', Lines D-K From 20-25
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 100
Mix Identification 1 Sk Cement, ½ Sk Lime, 50-55 Shv Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2x4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 7-31-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
407A	08-07-86	7	4800	1530		3.14	PJP
407B	08-07-86	7	5500	1750		3.14	PJP
407C	08-28-86	28					
407D	08-28-86	28					
407E		Hold					
407F		Hold					

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WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 07-24-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 15th Floor Walls 0'-4', Lines B-F, From 1-6
Material Supplier Bill Daley
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 88
Mix Identification 50-56 shvs. Sand 2sks Cement, 1 sk Lime,
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 07-24-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
393A	07-31-86	7	5400	1720		3.14	PP
393B	07-31-86	7	5200	1660		3.14	PP
393C	08-21-86	28					
393D	08-21-86	28					
393E		Hold					
393F		Hold					

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 07-17-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 14th Story Deck, 4' To 8' High, Lines B-C, From 13-20
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 90
Mix Identification 2 sk Cement, 1 sk lime, 50-56 shv Sand — No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 07-17-86
Time in Mixer hrs min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square Inches	Tested By
			Pounds Force	psi			
380A	07-24-86	7	6000	1910		3.14	RO
380B	07-24-86	7	5400	1720		3.14	PP
380C	08-14-86	28					
380D	08-14-86	28					
380E		Hold					
380F		Hold					

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin, Peltyn & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 07-24-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 15th Floor Walls 0'-4', Lines B-F, From 1-6
Material Supplier Bill Daley — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 88
Mix Identification 50-56 shvs. Sand 2sks Cement, 1 sk Lime, — No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 07-24-86
Time in Mixer hrs. min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC 24-22
Remarks:

5

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
393A	07-31-86	7	5400	1720		3.14	PP
393B	07-31-86	7	5200	1660		3.14	PP
393C	08-21-86	28	6600	2100		3.14	PP
393D	08-21-86	28	6700	2130		3.14	PP
393E		Hold	Discard				PP
393F		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. _____
Date of Report 08-12-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer _____
Source of Sample 19th Story, Walls 0' to 4', Lines D-K, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in. _____
Ticket Number _____
Measured Air Content, % Not Measured
Batch Size cu. yds. _____
Ambient Air Temperature, °F 103
Mix Identification 1 sk. Cement, 1/2 sk. Lime, 50-56 Shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 08-12-86
Time in Mixer _____ hrs. _____ min.
Submitted By _____ Date _____
Water Added on Job, gal. _____
Authorized By _____ Date _____
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
441A	08-19-86	7	5200	1660		3.14	PP
441B	08-19-86	7	5100	1620		3.14	PP
441C	09-09-86	28					
441D	09-09-86	28					
441E		Hold					
441F		Hold					

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADE86031
Date of Report 08-11-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 6th Story, Walls 0' to 8', Lines L-R, From 2-9
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 98
Mix Identification 2 sks. Cement, 1 sk. Lime, 50-56 shvs. Sand — No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 08-11-86
Time in Mixer: hrs. min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC 24-22

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
436A	08-18-86	7	7500	2390		3.14	PP
436B	08-18-86	7	7800	2480		3.14	PP
436C	09-08-86	28					
436D	09-08-86	28					
436E		Hold					
436F		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 08-04-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 4th Story Walls, 0' To 8', Lines R-Z, From 2-9
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 102
Mix Identification 2 sks. Cement, 1 sk. Lime, 50-56 shvs. Sand — No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 08-04-86
Time in Mixer — hrs. — min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC24-22

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
415A	08-11-86	7	3500	1110		3.14	PP
415B	08-11-86	7	3800	1210		3.14	PP
415C	09-01-86	28					
415D	09-01-86	28					
415E		Hold					
415F		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 08-08-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 18th Story, Walls 4' to 8', Lines G-K, From 13-20
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu.yds.
Ambient Air Temperature, °F 106
Mix Identification 1 sk. Cement 1/2 sk.Lime, 50-56 shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 08-08-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
430A	08-15-86	7	3100	990		3.14	PP
430B	08-15-86	7	3400	1080		3.14	PP
430C	09-05-86	28					
430D	09-05-86	28					
430E		Hold					
430F		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Revised

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-16-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley
Architect/Engineer
Source of Sample 9th Floor Masonry Walls, G - K On 14, 4' To 8' High
Material Supplier Stocks Mill & Supply
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 98
Mix Identification 1 sk Lime, 2 sk Cement 50 - 56 shv. Sand
No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days
Size of Specimens 2 X 4
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 06-16-86
Time in Mixer 0 hrs. 10 min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
310A	06-23-86	7	3100	990		3.14	RO
310B	06-23-86	7	3300	1050		3.14	RO
310C	07-14-86	28	4600	1460		3.14	RO
310D	07-14-86	28	4250	1350		3.14	RO
310E	08-11-86	56	6300	2010		3.14	PP
310F	08-11-86	56	6250	1990		3.14	PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 07-25-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 3rd Floor Walls 0' to 8', Lines R, From 2-9
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F
Mix Identification 2 sks. Cement, 1/2 sk. lime 50-56 shvs. Sand — No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in: Sand — Sampled By K. Singh — Date 07-25-86
Time in Mixer — hrs. — min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC 24-22
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
396A	08-01-86	7	8400	2680		3.14	PP
396B	08-01-86	7	8100	2580		3.14	PP
396C	08-22-86	28	Discard				PP
396D	08-22-86	28	Discard				PP
396E		Hold	Discard				PP
396F		Hold	Discard				PP

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3611 West Tompkins Avenue
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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 07-07-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry — Architect/Engineer
Source of Sample 12th Story, Masonry Walls 0' to 4', Lines B-C, From 13-20
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 100
Mix Identification 2 sks. Cement, 1 sk. Lime, 50-56 shvs. Sand — No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days — Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 07-07-86
Time in Mixer hrs. 15 min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure UBC 24-22

Remarks: * Note: Bad Cap

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
358A	07-14-86	7	4200	1340		3.14	RO
358B	07-14-86	7	3900	1240		3.14	RO
358C	08-04-86	28	4600	* 1430		3.14	PP
358D	08-04-86	28	5900	1880		3.14	PP
358E	09-01-86	56					
358F	09-01-86	56					

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 08-07-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 5th Story Walls, Lines R-Z, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size, cu. yds.
Ambient Air Temperature, °F 100
Mix Identification 2 sks. Cement, 1 sk. Lime, 50-56 shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 08-07-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load Pounds Force	psi	Type Fracture If Other Than Cone	Area In Square in.	Tested By
425A	08-14-86	7	6100	1940		3.14	PP
425B	08-14-86	7	5900	1880		3.14	PP
425C	09-04-86	28					
425D	09-04-86	28					
425E		Hold					
425F		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 41451182
Lab./Invoice No.
Date of Report 07-25-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 3rd Floor Walls 0' to 8', Lines R, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F
Mix Identification 2 sks Cement, 1/2 sk. lime 50-56 shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 07-25-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
396A	08-01-86	7	8400	2680		3.14	PP
396B	08-01-86	7	8100	2580		3.14	PP
396C	08-22-86	28					
396D	08-22-86	28					
396E		Hold					
396F		Hold					

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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

MORTAR COMPRESSION TEST REPORT

46031
TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-19-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Block Walls, Line 1 To 5, From B To E, Third To Fourth Floors, First Course

MIX DESIGN: 1 sk Cement, 25 shv Sand, 2 shv Lime

TYPE CEMENT:

SUPPLIER: Daley Masonry

DESIGN STRENGTH, PSI: 2500 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: #40

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 70

TICKET NO.:

TEMPERATURE - AIR, °F: 70

COMMENTS:

SPECIMEN NO.	110A	110B	110C	110D	110E	110F
DATE CAST	03-19-86	03-19-86	03-19-86	03-19-86	03-19-86	03-1
DATE TESTED	03-26-86	03-26-86	04-16-86	04-16-86		
AGE - DAYS	7	7	28	28	Hold	Hold
DATE REPORTED	03-26-86	03-26-86	03-26-86	03-26-86	03-26-86	03-2
NOMINAL DIMENSIONS, IN.	2 X 4	2 X 4				
AREA, SQ. IN.	3.14	3.14				
ULTIMATE LOAD, LBS.	14300	13100	Discard RO	Discard RO	Discard RO	Discr RO
COMPRESSIVE STRENGTH - PSI	4550	4170				

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Sierra Construction, Attn: Mr. Gus Rapone (1)
Martin & Associates, Attn: Mr. Roger Peltyn (1)
City of Las Vegas (1) Jobsite

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-10-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry — Architect/Engineer
Source of Sample South Stairwell, Second To Third Floors
Material Supplier Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 70
Mix Identification 2 sk Cement, 50 shvl Sand 2 shvl Lime — No. of Specimens Molded 6
Design Strength, psi 3500 / 28 days — Size of Specimens 2 X 4
Max. Size Aggregate, in. #4 — Sampled By J. Glagola Date 04-10-86
Time in Mixer 0 hrs. 15 min. — Submitted By J. Glagola Date 04-14-86
Water Added on Job, gal. 0 — Authorized By Marty Date 04-10-86
Test Procedure ASTM C39-83B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
144A	04-17-86	7	10900	3470		3.14	MD
144B	04-17-86	7	12400	3950		3.14	MD
144C	05-08-86	28	18900	6020		3.14	RO
144D	05-08-86	28	17800	5670		3.14	RO
144E		Hold		Discard			RO
144F		Hold		Discard			RO

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Dona Hoesly 1-5-88

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTER SPECEMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-10-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry — Architect/Engineer
Source of Sample South Stairwell, Second To Third Floors
Material Supplier Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 70
Mix Identification 2 sk Cement, 50 shvl Sand 2 shvl Lime — No. of Specimens Molded 6
Design Strength, psi 3500 / 28 days — Size of Specimens 2 X 4
Max. Size Aggregate, in. #4 — Sampled By J. Glagola — Date 04-10-86
Time in Mixer 0 hrs. 15 min. — Submitted By J. Glagola — Date 04-14-86
Water Added on Job, gal. 0 — Authorized By Marty — Date 04-10-86
Test Procedure ASTM C39-83B
Remarks;

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
144A	04-17-86	7	10900	3470		3.14	MD
144B	04-17-86	7	12400	3950			MD
144C	05-08-86	28					
144D	05-08-86	28					
144E		Hold					
144F		Hold					

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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-17-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry
Architect/Engineer
Source of Sample Trial Batch
Material Supplier Daley Masonry
Measured Slump, in
Ticket Number
Measured Air Content, %
Batch Size cu. yds.
Ambient Air Temperature, °F 68
Mix Identification 2 sk Cement, 50 shv Sand, 2 shv Lime
No. of Specimens Molded 6
Design Strength, psi 3500 / 28 days
Size of Specimens 2 X 4
Max. Size Aggregate, in. #4
Sampled By J. Glagola. Date 04-17-86
Time in Mixer hrs. min.
Submitted By J. Glagola Date 04-19-86
Water Added on Job, gal.
Authorized By Marty Date 04-17-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
155A	04-24-86	7	13200	4200		3.14	MD
155B	04-24-86	7	13900	4430		3.14	MD
155C	05-15-86	28		Discard			MD
155D	05-15-86	28		Discard			MD
155E		Hold		Discard			MD
155F		Hold		Discard			

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab/Invoice No.
Date of Report 04-28-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry
Architect/Engineer
Source of Sample 4th To 5th Floor Walls, Lines 1 To 10, Second Course
Material Supplier
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 74
Mix Identification 2 sk Cement, 2 shvl Lime, 50 shvl Sand
No. of Specimens Molded 6
Design Strength, psi 4400 / 28 days
Size of Specimens 2 X 4
Max. Size Aggregate, in. #4
Sampled By J. Glagola Date 04-28-86
Time in Mixer hrs. min.
Submitted By J. Glagola Date 04-29-86
Water Added on Job, gal.
Authorized By Marty Date 04-28-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
179A	05-05-86	7	7400	2360		3.14	RO
179B	05-05-86	7	7000	2230		3.14	RO
179C	05-26-86	28	10800	3440		3.14	RO
179D	05-26-86	28	11300	3600		3.14	RO
179E	06-23-86	56	11200	3570		3.14	RO
179F	06-23-86	56	11600	3690		3.14	RO

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-28-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry
Architect/Engineer
Source of Sample 4th To 5th Floor Walls, Lines 1 To 10, Second Course
Material Supplier
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 74
Mix Identification 2 sk Cement, 2 shvl Lime, 50 shvl Sand
No. of Specimens Molded 6
Design Strength, psi 4400 / 28 days
Size of Specimens 2 X 4
Max. Size Aggregate, in. #4
Sampled By J. Glagola Date 04-28-86
Time in Mixer hrs. min.
Submitted By J. Glagola Date 04-29-86
Water Added on Job, gal.
Authorized By Marty Date 04-28-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any.	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture - If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
179A	05-05-86	7	7400	2360		3.14	RO
179B	05-05-86	7	7000	2230		3.14	RO
179C	05-26-86	28	10800	3440		3.14	RO
179D	05-26-86	28	11300	3600		3.14	RO
179E	06-23-86	56					
179F	06-23-86	56					

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-06-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry
Architect/Engineer
Source of Sample 4th To 5th Walls, Lines 19 To 25
Material Supplier Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F
Mix Identification 2 sk Cement, 2 shv Lime, 45 shvl Sand
No. of Specimens Molded 6
Design Strength, psi 4400 / 28 days
Size of Specimens 2 X 4
Max. Size Aggregate, in. #4
Sampled By J. Glagola Date 05-06-86
Time in Mixer hrs. min.
Submitted By J. Glagola Date 05-08-86
Water Added on Job, gal.
Authorized By Marty Date 05-06-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
197A	05-13-86	7	7500	2390		3.14	RO
197B	05-13-86	7	7200	2290		3.14	RO
197C	06-03-86	28	10600	3380		3.14	MD
197D	06-03-86	28	10300	3280		3.14	MD
197E	07-01-86	56	12000	3820		3.14	RO
197F	07-01-86	56	12400	3950		3.14	RO

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Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-06-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry
Architect/Engineer
Source of Sample 4th To 5th Walls, Lines 19 To 25
Material Supplier Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F
Mix Identification 2 sk Cement, 2 shv Lime, 45 shvl Sand
No. of Specimens Molded 6
Design Strength, psi 4400 / 28 days
Size of Specimens 2 X 4
Max. Size Aggregate, in. #4
Sampled By J. Glagola Date 05-06-86
Time in Mixer hrs. min.
Submitted By J. Glagola Date 05-08-86
Water Added on Job, gal.
Authorized By Marty Date 05-06-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
197A	05-13-86	7	7500	2390		3.14	RO
197B	05-13-86	7	7200	2290		3.14	RO
197C	06-03-86	28	10600	3380		3.14	MD
197D	06-03-86	28	10300	3280		3.14	MD
197E	07-01-86	56					
197F	07-01-86	56					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-06-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry
Architect/Engineer
Source of Sample 4th To 5th Walls, Lines 19 To 25
Material Supplier Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F
Mix Identification 2 sk Cement, 2 shv Lime, 45 shvl Sand
No. of Specimens Molded 6
Design Strength, psi 4400 / 28 days
Size of Specimens 2 X 4
Max. Size Aggregate, in. #4
Sampled By J. Glagola Date 05-06-86
Time in Mixer hrs. min.
Submitted By J. Glagola Date 05-08-86
Water Added on Job, gal
Authorized By Marty Date 05-06-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area, in. Square inch	Tested By
			Pounds Force	psi			
197A	05-13-86	7	7500	2390		3.1	RO
197B	05-13-86	7	7200	2290		3.14	RO
197C	06-03-86	28					
197D	06-03-86	28					
197E		Hold					
197F		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 05-15-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 5th Floor, Masonry Walls, G - K On 17 *
Material Supplier Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu.yds.
Ambient Air Temperature, °F 80
Mix Identification High Test
No. of Specimens Molded 6
Design Strength, psi 4500 @ 28 days
Size of Specimens 2 X 4
Max. Size Aggregate, in. #1 Sand
Sampled By K. Singh Date 05-15-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22

Remarks:
* Masonry Walls, G - K, From 17 - 20, 4' High

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load - Pounds-Force	Compressive Strength Maximum Load - psi	Type Fracture If Other Than Cone	Area in Square inch	Tested By
218A	05-22-86	7	10300	3280		3.14	MD
218B	05-22-86	7	10300	3280		3.14	MD
218C	06-12-86	28	12900	4110		3.14	MD
218D	06-12-86	28	12500	3980		3.14	MD
218E	07-10-86	56					
218F	07-10-86	56					

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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-15-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 5th Floor, Masonry Walls, G - K On 17
Material Supplier Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 80
Mix Identification High Test
No. of Specimens Molded 6
Design Strength, psi 4500 / 28 days
Size of Specimens 2 X 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 05-15-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22

Remarks:
Masonry Walls, G - K, From 13 - 20, 4' High

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square Inch	Tested By
			Pounds Force	psi			
218A	05-22-86	7	10300	3280		3.14	MD
218B	05-22-86	7	10300	3280		3.14	MD
218C	06-12-86	28	12900	4110		3.14	MD
218D	06-12-86	28	12500	3980		3.14	MD
218E	07-10-86	56	15600	4970		3.14	RO
218F	07-10-86	56	14800	4710		3.14	RO

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Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-15-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Sierra Construction. Architect/Engineer
Source of Sample 5th Floor, Masonry Walls, G - K On 17 *
Material Supplier Daley Masonry. Measured Slump, in.
Ticket Number Measured Air Content, % Not Measured
Batch Size cu. yds. Ambient Air Temperature, °F 80
Mix Identification High Test No. of Specimens Molded 6
Design Strength, psi 4500 / 28 days Size of Specimens 2 X 4
Max. Size Aggregate, in. Sand Sampled By K. Singh Date 05-15-86
Time in Mixer 8 hrs. min. Submitted By Date
Water Added on Job, gal. Authorized By Date
Test Procedure UBC 24-22

Remarks:
* Masonry Walls, G - K, From 13 - 20, 4' High

Specimen Marking (Any)	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
218A	05-22-86	7	10300	3280		3.14	MD
218B	05-22-86	7	10300	3280		3.14	MD
218C	06-12-86	28					
218D	06-12-86	28					
218E		Hold					
218F		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-19-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 5th Story Masonry Walls, 4' To 8' High, Lines B - C, On 12
Material Supplier Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 75
Mix Identification
No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days
Size of Specimens 2 X 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 05-19-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
231A	05-26-86	7	4400	1400		3.14	RO
231B	05-26-86	7	4400	1400		3.14	RO
231C	06-16-86	28	6000	1910		3.14	RO
231D	06-16-86	28	6100	1940		3.14	RO
231E	07-14-86	56					
231F	07-14-86	56					

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(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-19-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 5th Story Masonry Walls, 4' To 8' High, Lines B - C, On 12
Material Supplier Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, % Not Measured
Batch Size cu. yds. — Ambient Air Temperature, °F 75
Mix Identification — No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days — Size of Specimens 2 X 4
Max. Size Aggregate, in. Sand — Sampled By K. Singh — Date 05-19-86
Time in Mixer hrs. min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load Pounds Force	Compressive Strength Maximum Load psi	Type Fracture If Other Than Cone	Area in Square inch	Tested By
231A	05-26-86	7	4400	1400		3.14	RO
231B	05-26-86	7	4400	1400		3.14	RO
231C	06-16-86	28					
231D	06-16-86	28					
231E		Hold					
231F		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-29-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor
Architect/Engineer
Source of Sample 7th Floor, North Side Walls, 1st Course
Material Supplier Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 101
Mix Identification
No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days
Size of Specimens 2 X 4
Max. Size Aggregate, in. Sand
Sampled By J. Glagola Date 05-29-86
Time in Mixer hrs. min.
Submitted By R. Ogle Date 05-29-86
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
261A	06-05-86	7	7300	2320		3.14	RO
261B	06-05-86	7	7100	2260		3.14	RO
261C	06-26-86	28	8300	2640		3.14	RO
261D	06-26-86	28	8600	2740		3.14	RO
261E		Hold		Discard			RO
261F		Hold		Discard			RO

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Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-29-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor
Architect/Engineer
Source of Sample 7th Floor, North Side Walls, 1st Course
Material Supplier Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 101
Mix Identification
No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days
Size of Specimens 2 X 4
Max. Size Aggregate, in. Sand
Sampled By J. Glagola Date 05-29-86
Time in Mixer hrs. min.
Submitted By R. Ogle Date 05-29-86
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
261A	06-05-86	7	7300	2320		3.14	RO
261B	06-05-86	7	7100	2260		3.14	RO
261C	06-26-86	28					
261D	06-26-86	28					
261E		Hold					
261F		Hold					

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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-10-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Daley Masonry — Architect/Engineer
Source of Sample Eight Floor Walls, Lines 13 To 20, From B To F, Top Course
Material Supplier Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, %
Batch Size cu. yds. — Ambient Air Temperature, °F
Mix Identification 2 sk Cement, 2 shv Lime, 50 shv Sand — No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days — Size of Specimens 2 X 4
Max. Size Aggregate, in. #4 — Sampled By J. Glagola — Date 06-10-86
Time in Mixer — hrs. — min. — Submitted By J. Glagola — Date 06-12-86
Water Added on Job, gal. — Authorized By Marty — Date 06-10-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
293A	06-17-86	7	3700	1180		3.14	RO
293B	06-17-86	7	3500	1110		3.14	RO
293C	07-08-86	28					
293D	07-08-86	28					
293E		Hold					
293F		Hold					

Copies to Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin, Peltyn & Associates (1) mail
City of Las Vegas (1) jobsite

Donna Hovey 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-16-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley
Architect/Engineer
Source of Sample 9th Floor Masonry Walls, G - K On 14, 4' To 8' High
Material Supplier Stocks Mill & Supply
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 98
Mix Identification 1 sk Lime, 2 sk Cement, 50 - 50 shv. Sand
No. of Specimens Molded 6
Design Strength, psi [redacted] / 28 days
Size of Specimens 2 X 4
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 06-16-86
Time in Mixer 0 hrs. 10 min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square Inch	Tested By
			Pounds Force	psi			
310A	06-23-86	7	3100	990		3.14	RO
310B	06-23-86	7	3300	1050		3.14	RO
310C	07-14-86	28					
310D	07-14-86	28					
310E		Hold					
310F		Hold					

Copies to Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin, Peltyn & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-27-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 11th Story Masonry Walls, Lines 20 - 21, From D - K
Material Supplier Bill Daley Masonry — Measured Slump, in.
Ticket Number — Measured Air Content, %
Batch Size cu. yds. — Ambient Air Temperature, °F
Mix Identification 1 sk Cement, 1 sk lime, 10 shv Sand — No. of Specimens Molded 6
Design Strength, psi 2000 / 28 days — Size of Specimens 2 X 4
Max. Size Aggregate, in. — Sampled By K. Singh — Date 06-27-86
Time in Mixer — hrs. — min. — Submitted By — Date
Water Added on Job, gal. — Authorized By — Date
Test Procedure ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
346A	07-04-86	7	12800	4080		3.14	RO
346B	07-04-86	7	12500	3980		3.14	RO
346C	07-25-86	28		Discard			RO
346D	07-25-86	28		Discard			RO
346E		Hold		Discard			RO
346F		Hold		Discard			RO

Copies to Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin, Peltyn & Associates (1) mail
City of Las Vegas (1) jobsite

Dora Hawks 1-5-88

SIERRA CONSTRUCTION CORP.

5255 SOUTH VALLEY VIEW BLVD. (89118) AREA CODE 702-739-1991 LAS VEGAS, NEVADA POST OFFICE BOX 14306 (89114)

PROJECT GNLV - New Tower

FILE 250.375/A19/S-2

TO Steel Engineers
716 West Mesquite Avenue
Las Vegas, Nevada 89106

DATE April 7, 1986

ATTN:

SUBMITTAL NO. 3.6
(IN REPLY PLEASE REFER TO SUBMITTAL NO.)

WE ARE TRANSMITTING HEREWITH FOR YOUR

( ) APPROVAL ( ) FILE (XX) ACTION ( ) SELECTION ( ) REFERENCE

ITEM	COPIES	DESCRIPTION
1.	1	Your Submittal on Steel Coupler for Rebar Splice
2.	1	Our Submittal Letter for same.

APPROVED as Noted.

REMARKS OR SPECIAL NOTES

SENT BY -
FIRST CLASS MAIL (XX)
EXPRESS MAIL ( )
SPECIAL DELIVERY ( )
UNITED PARCEL SERVICE ( )
FEDERAL EXPRESS ( )
AIRLINE SERVICE ( )
GREYHOUND BUS ( )
UNDER SEPARATE COVER ( )
PICKED UP ( )
HAND CARRIED ( )
JWK:gjc

r/kr

VERY TRULY YOURS,

SIERRA CONSTRUCTION CORP.

Jerry Koerwitz

CC - Marty Sibella, SCC-FO*
Bill Koerwitz*
City Inspector*

* W/Copy

Dona Gould 1-5-88

SIERRA CONSTRUCTION CORP.

5265 SOUTH VALLEY VIEW BLVD. (89118) AREA CODE 702-739-1991 LAS VEGAS, NEVADA POST OFFICE BOX 14306 (89114)

PROJECT GNLV - Tower

FILE 250.375/A20S/S2

TO John A. Martin & Associates
1800 Wilshire Blvd.
Los Angeles, California 90057

DATE March 17, 1986

SUBMITTAL NO. 3.6 3.16
(IN REPLY PLEASE REFER TO SUBMITTAL NO.)

ATTN

WE ARE TRANSMITTING HEREWITH FOR YOUR

(X) APPROVAL ( ) FILE ( ) ACTION ( ) SELECTION ( ) REFERENCE

ITEM	COPIES	DESCRIPTION
1.	7	STEEL ENGINEERS, INC. : Submittal on Steel Coupler for Rebar Splice in Lieu of Butt Weld.

GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design element of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Product Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and Civil Authority requirements must be met.

☒ APPROVED AS NOTED — RESUBMISSION NOT REQUIRED
☐ NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT
☐ REJECTED — DO NOT RESUBMIT

BY CKJ DISCIPLINE STRUCTURAL

DATE 1-5-88

JOHN A. MARTIN & ASSOCIATES
1888 WILSHIRE BLVD., LOS ANGELES, CA 90057

REMARKS OR SPECIAL NOTES

SENT BY -
FIRST CLASS MAIL ( )
EXPRESS MAIL ( )
SPECIAL DELIVERY ( )
UNITED PARCEL SERVICE (X)
FEDERAL EXPRESS ( )
AIRLINE SERVICE ( )
GREYHOUND BUS ( )
UNDER SEPARATE COVER ( )
PICKED UP ( )
HAND CARRIED ( )
JWK:APR:gmb

r/k/kr/t

VERY TRULY YOURS,

SIERRA CONSTRUCTION CORP.

A. P. Rapone
Executive Vice-President

CC Joel Bergman *

* W/Copy

129 E. Fremont
SPEC REPORTS

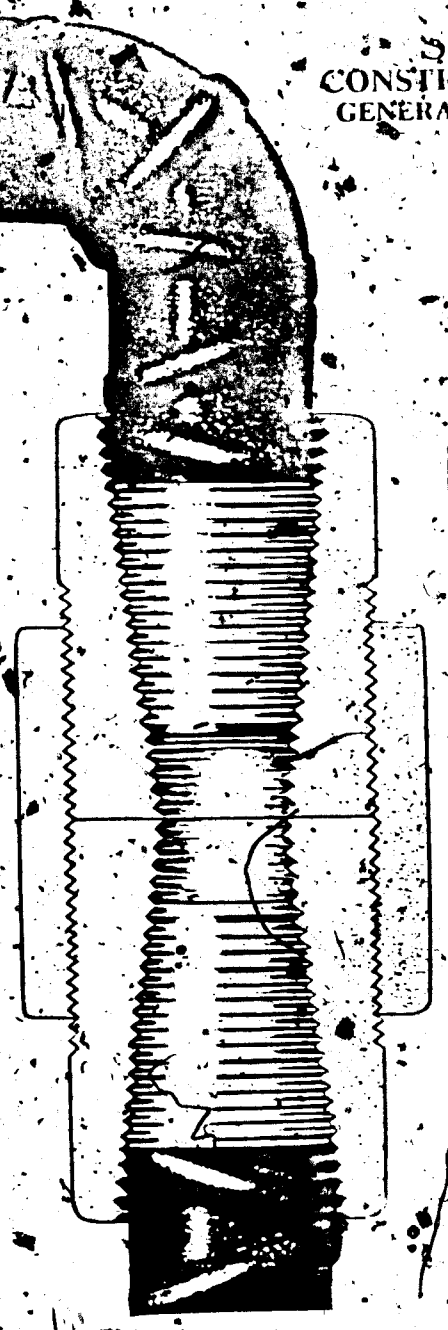
RECEIVED

MAR 14 1986

SIERRA
CONSTRUCTION CORP.
GENERAL CONTRACTORS

No-Slip

REINFORCING STEEL COUPLER



Patent No. 3,850,535
Position Type
For Bent Bars



Patent No. 3,415,552
Standard Type
for Straight Bars

A tried and proven method of joining Reinforcing Steel Bars.

The No-Slip Coupler outperforms all other types of reinforcing steel connections in terms of speed of installation, physical properties, ease of inspection and safety.

The No-Slip Coupler can be installed in a few minutes using an ordinary pipe or strap wrench.

The No-Slip Coupler is self aligning and needs no holding clamps or other positioning devices during installation.

The No-Slip Coupler can be used with Grades 40 and 60 of ASTM A-615 and ASTM A-706 specifications.

The No-Slip Coupler is a positive mechanical reinforcing steel connector that develops the minimum ultimate tensile strength of the specification and grade of reinforcing steel on which it is used.

The No-Slip Coupler will meet or exceed all specified State and Federal requirements for tension, compression and stress reversal applications as would be experienced under seismic loading.

250.375/A20S/S2
CSI NO. 3.6

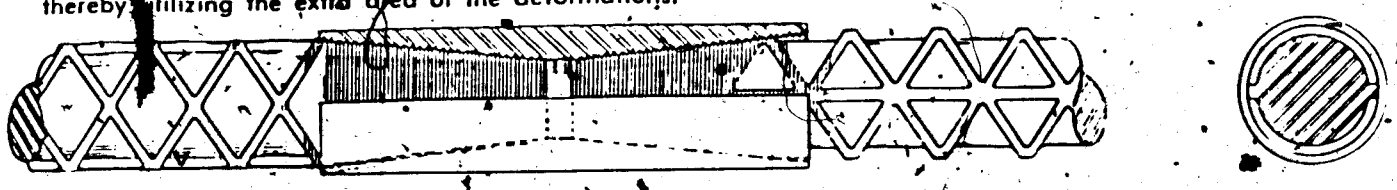
FOX-HOWLETT INDUSTRIES, INC.

744 FOLGER AVENUE • BERKELEY, CALIFORNIA 94710 • Telephone (415) 843-3123

Dona Howlett 1-5-88

PRINCIPLE

The Coupler employs the load equalizing features of the Howlett tapered threads. Added load capacity is gained by continuing the matching tapered threads on the bar through the surface deformations thereby utilizing the extra area of the deformations.



TYPES

The No-Slip Coupler is furnished in three types, the Standard coupler, Position coupler and Structural Connector. The Standard coupler is used on straight line applications when the bar ends are free to turn as in high bridge piers, columns and slip form work. The Position coupler is used when bent or curved bars are joined to straight, bent or curved bars that must be positioned before the connection can be completed. The Structural Connector is used to connect reinforcing steel bars to structural members. The degree of taper insures self alignment and prevents cross-threading during installation.

TYPICAL TEST RESULTS

Load PSI	#14 Coupling Strain Inches	#18 Coupling Strain Inches
10,000	.00	.003
20,000	.007	.008
30,000	.012	.011
-0-	.002	.000
30,000	.012	.011
40,000	.017	.015
50,000	.021	.019
-0-	.005	.001
Yield lbs.	152,000	272,000
Yield PSI	67,560	63,000
Total lbs.	229,500	384,000
Total PSI	102,000	96,000
% Tensile Strength Developed by Splice	113.3	106.7
Fracture	Threads	Threads
Ga. Length	10"	10"

In all tests to destruction the mode of failure is uniformly in the sheared threads of the coupler. All destruction tests have revealed no failures of the type associated with notch sensitivity. Design of the coupler provides against this by the use of a medium carbon analysis for the coupler, the reduced stress concentration resulting from tapering the threads, radius roots of threads and the use of fine threads to retain maximum cross sectional area.

STRESS REVERSAL TEST
#18 Standard Coupler

Procedure

Apply 10,000 cycles at stress between ± 25,000 psi (± 100 kips).

(a) Loading Rate = 2,000 kips/min.
= 5 cycles/min.

(b) Gage length over coupler = 10 in.

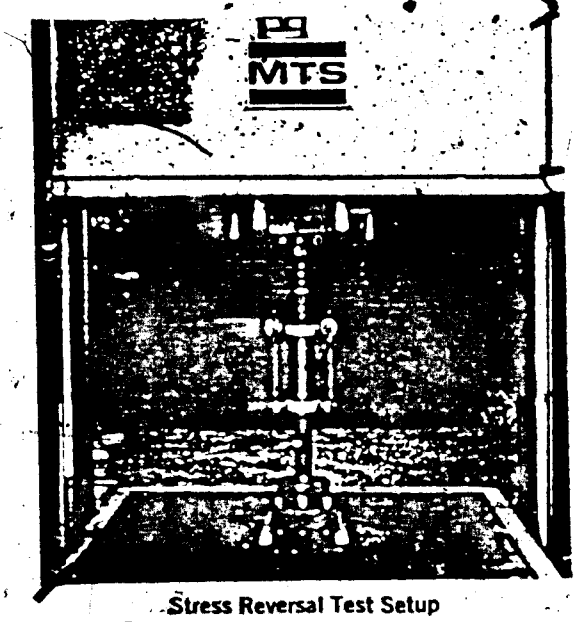
Results

Elastic Strain for 10" gage.
Length when stressed between ± 25,000 psi is estimated as follows:

$$\Delta L = \frac{PL}{AE} = \frac{25{,}000 \times 10}{29 \times 10^6} = .017$$

Cycle No.	Total Slip + Strain	Slip Only
1	.020	.003
10,000	.020	.003

No increase in slip after 10,000 cycles.



Stress Reversal Test Setup

Dora Hotel 1-5-88

DIMENSIONS

Coupler Size	#9 Std.	#9 Pos.	#10 Std.	#10 Pos.	#11 Std.	#11 Pos.	#14 Std.	#14 Pos.	#18 Std.	#18 Pos.
Diameter OD (In Inches)	1-1/2	2-3/16	1-11/16	2-1/8	1-7/8	2-3/8	2-1/4	2-3/4	3	3-3/4
Length of Coupler (In Inches)	4-1/2	4-1/2	5	5	5-1/4	5-1/4	6-3/8	6-3/8	8-1/4	8-1/4
Weight (In lbs.)	1.4	2.3	2.0	3.5	2.6	4	4.5	7.5	10	14

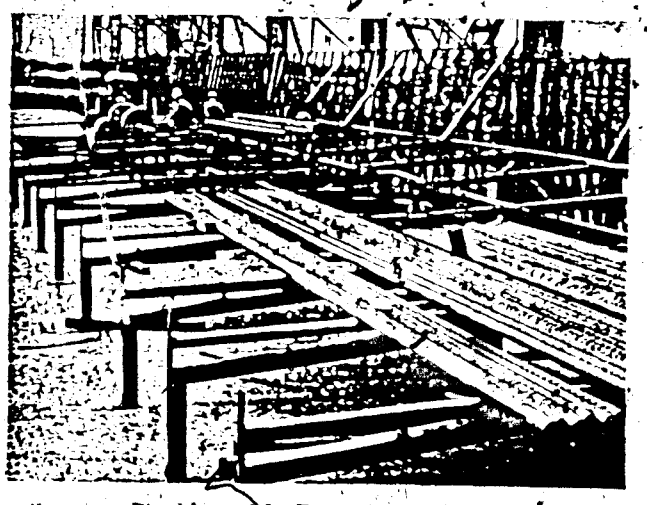
Coupler Size	9/10 Trans. Std.	9/10 Trans. Pos.	10/11 Trans. Std.	10/11 Trans. Pos.	11/14 Trans. Std.	11/14 Trans. Pos.	14/18 Trans. Std.	14/18 Trans. Pos.
Diameter OD (In Inches)	1-11/16	2-1/8	1-7/8	2-3/8	2-1/2	2-3/4	3	3-3/4
Length of Coupler (In Inches)	5	5	5-1/4	5-1/4	6-3/8	6-3/8	8-1/4	8-1/4
Weight (In lbs.)	2.1	3.7	2.7	4.2	6	12	12	16

CLEARANCE REQUIREMENTS

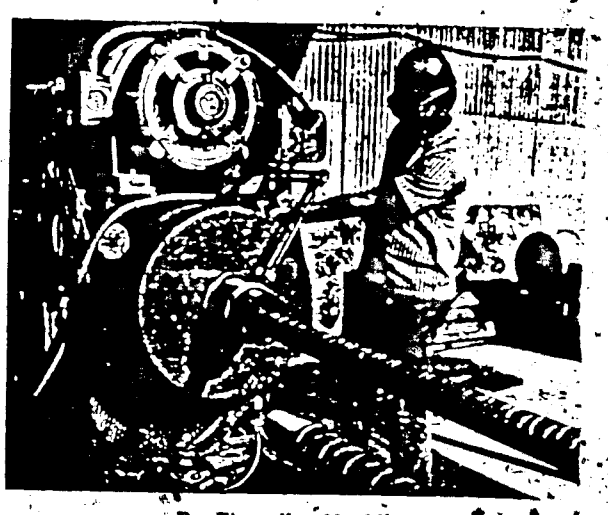
The outside diameter of the coupler shown above permits very close spacing of the bars. Only 1-1/4" clearance between bars is needed to insert the movable jaw of a pipe wrench that can then grip and turn the coupler or bar.

MANUFACTURING PRACTICE

AISI C-11L37 is used in the manufacture of the No-Slip Coupler. Major cost savings are achieved through the use of automatic machines which give high production and uniform quality. The blanks for the couplers are automatically cut to length from long bars and the blanks are drilled and tapered by multimatic indexing machines with six stations. Automatic thread mills are used to taper-thread the blanks. Bar threading is usually done at the fabricator's plant or the mill producing the reinforcing steel bars. Automatic thread mills are used to taper-thread the bars in one operation requiring only a few minutes.



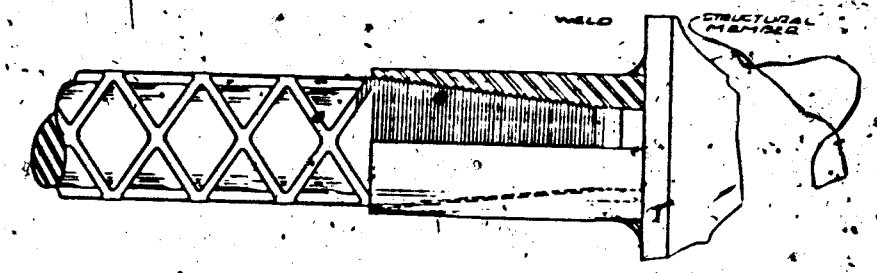
Plant Layout for Threading Bar Ends



Bar Threading Machine

USES

The No-Slip Coupler can be used for vertical, horizontal and angular applications, as well as for dowel splices, columns, beams and slip form work. Because of their small size the couplers can be used in confined locations with little access space.



STRUCTURAL CONNECTION

Dona Hoesly 1-5-88

COSTS

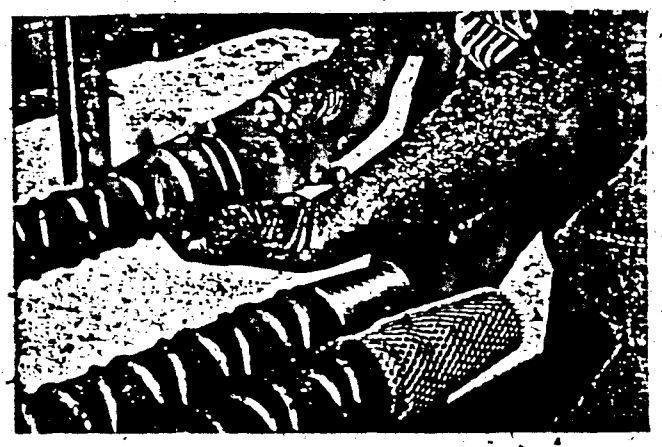
The essential benefit to be derived from the use of Fox-Howlett No-Slip Couplers, aside from their mechanical performance, is the speed of installation. They can be installed in 3 to 5 minutes. No holding clamps or other positioning devices are needed, thereby, drastically reducing crane use. Conditions such as weather, moisture and fire hazard are of no consequence in their installation. To illustrate, 120 #14 couplers were installed in one hour by two three-man crews, from start-to final inspection, on twin column bridge piers of the Antioch Bridge in California.

CODE APPROVALS

The Fox-Howlett Couplers conform to the requirements of all major code writing agencies including ACI-318 Building Code, the International Conference of Building Officials (Research Report No. 3085), the Transportation Departments of California and other states, the cities of Los Angeles and San Francisco, the United States Army Corps of Engineers, the California Department of Architecture which approves all school construction, the ACI-359/ASME Joint Committee for Concrete Reactor Vessels and Containments, ACI-349 Nuclear Design Code and the Canadian Standards Association Nuclear Code (CSA N287.3).

QUALITY CONTROL

Each coupler is marked with control letters that can be identified with mill heat numbers. Internal thread gauges are used to insure matching threads in the coupler with those on the bars. Threads in the coupler are protected by a plastic cap against exposure until used. External thread gauges that match the coupler threads are used to control the quality of the threads on the bar. Each threaded bar end is checked for the number of turns of the thread gauge needed to achieve a hand-tight condition from the point where the thread gauge is completely disengaged from the bar threads, identified by a jump when the thread gauge is backed off from partial engagement. It has been determined by numerous tests that the number of turns required is 3-1/2 with a tolerance of plus 3/4 turn minus 1/4 turn. This is the most important factor in insuring specification performance of the coupler as it controls the amount of thread engagement, concentricity, thread quality which may be affected by dull cutters and the prevention of butting bar ends inside the coupler.



Quality Control of Threads and Thread Protection

All threads are protected by plastic thread protectors. The tapered nature of the threads on the bar ends aids in protecting against thread damage.

INSPECTION

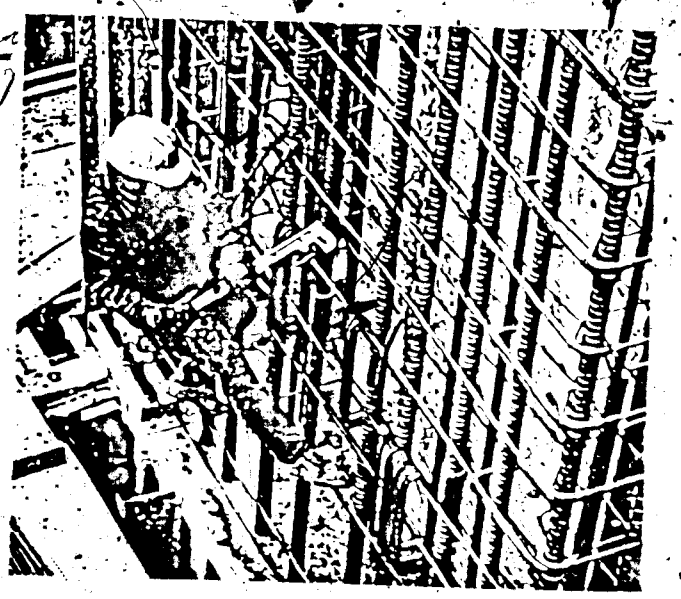
Outside inspection can inspect the ends of bars by measuring the length of completed threads which vary, based on the size of the bar, and by using a go, no-go thread gauge of the same size as used to check the quality of the threads during the bar threading process. By applying the same technique of counting the number of turns to hand-tight it can be determined if the threads have been properly made. Tightness of the coupler is essential to specification performance and this can be checked at or after the time of installation by applying a 24" click-type torque wrench, calibrated to 200 ft. lbs. to the bar being spliced or to the coupler. A minimum turning torque of 200 ft. lbs. is applied so that further turning is resisted.

Dora Hwy 1-5-88

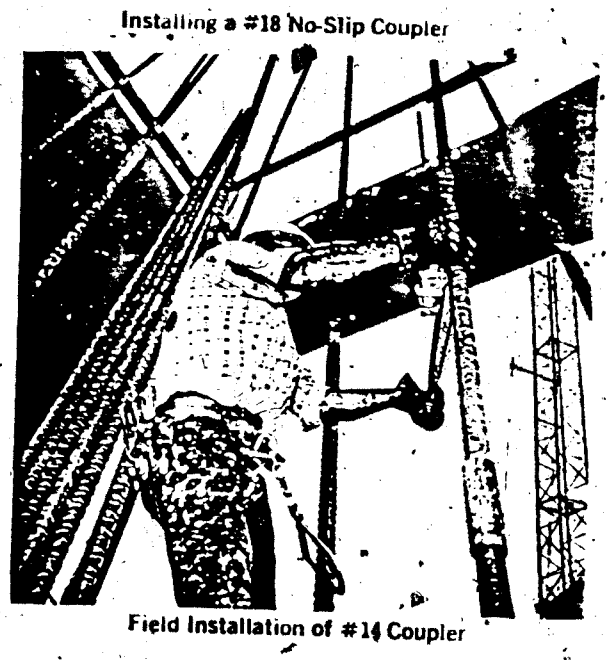
INSTALLATION PROCEDURE

Standard Type. For use on straight bars with ends free to turn.

1. Remove plastic thread protector from bar thread.
2. Inspect bar threads for cleanliness and remove any dirt with a wire brush.
3. Where counter action is involved, one bar should be held rigid.
4. Install coupler onto bar and rotate clockwise by hand until hand-tight, usually requiring 3-1/4 to 4 turns.
5. Apply 24" pipe wrench and turn coupler until further turning is resisted with the application of a minimum torque of 200 ft. lbs.
   IMPORTANT — The coupler must be made tight because of the limited number of turns. The coupler must be fully engaged in order to achieve full effectiveness.
6. Remove thread protector from other bar end to be inserted into coupler.
7. Inspect and remove any dirt, if necessary.
8. Insert threaded end of bar into coupler.
9. Rotate bar clockwise with a 24" or 36" pipe wrench until tight, usually 3-1/4 to 4 turns.
   IMPORTANT — The bar should resist further turning with the application of a minimum torque of 200 ft.lbs. If the bar still rotates with that amount of torque, more torque should be applied. However, it is easy to determine when the connection is tight, as the taper thread interference prevents further turning.



Installing a #18 No-Slip Coupler



Field Installation of #14 Coupler

Position Type. For use on bars that are bent, curved or placed in a fixed position and not free to turn.

1. Remove plastic thread protector from bar thread.
2. Inspect bar threads for cleanliness and remove any dirt with a wire brush.
3. Where counter action is involved, one bar should be held rigid.
4. Install position coupler as a unit — do not separate the coupler assembly. A narrow groove on the collar indicates the end to be threaded first onto the threaded bar. Rotate, clockwise, entire coupler assembly by hand until tight.
5. Make wrench-tight as with the Standard coupler. While holding the collar of the coupler with one hand, back off the top half of the coupler clockwise a total of 5 turns.
6. Remove thread protector from bar thread to be inserted into coupler.
7. Inspect and remove any dirt, if necessary.
8. Insert threaded end of bar into top end of the coupler assembly and rotate, counterclockwise, the coupler end onto the bar with a wrench until tight. This operation is facilitated by two wrenches as counter action is involved.
9. Rotate collar clockwise on the coupler assembly until both ends of the coupler butt together inside the collar.

Note — It is important that the position coupler be installed as a unit. Do not separate and then try to re-assemble after the threaded bar ends are installed in the coupler sleeves.

Donna Howell 1-3-88

THREAD DIRECTION

Couplers are furnished with right hand threads unless otherwise specified. The position coupler is made up as a unit utilizing two right hand taper threaded ends joined by a right and left hand straight threaded collar.

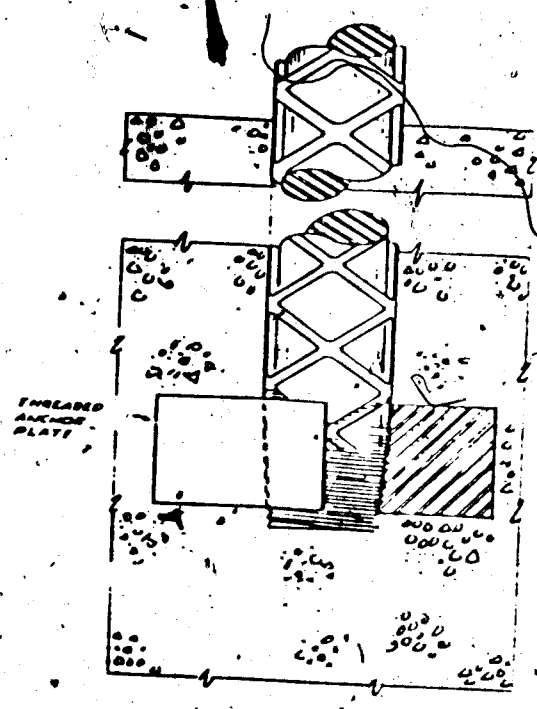
OTHER FITTINGS

Taper threaded nuts and plates can be furnished for buried reinforcing steel end anchor applications. This eliminates the need for bending the bars and reduces space requirements.

HOW TO ORDER

The No-Slip Coupler is presently made in five sizes, #9, #10, #11, #14 and #18. When ordering, they should be specified by number type and whether Standard or Position.

The reinforcing steel bars to be used with this type of coupler are generally supplied by a fabricator or mill with the capacity to process the ends of the bars. When ordering bars for use with the No-Slip Coupler, just specify whether bar threads are required on one end or both ends.



REBAR ANCHOR

FOX-HOWLETT INDUSTRIES, INC.

744 FOLGER AVENUE • BERKELEY, CALIFORNIA 94710 • Telephone (415) 843-3123

Dona Hoech 1-5-88



Simply drop the bar into the sleeve that is already threaded to the lower bar, and with a few turns the splice is made.

Threaded Sleeve Splices Rebar

A few years ago, spurred by Critical Path pressures, a new type of coupler was introduced to eliminate the time lag common in splicing large reinforcing steel bars (No. 11, 14, 18). The coupler was designed to allow splicing in all kinds of weather and to help solve problems of congested work space, fire hazard, splice slippage and to reduce labor costs.

This design consists of taper-threading regular rebar ends which then screw into a sleeve.

It was felt that if the concept proved itself in use it could greatly speed concrete placement and entire jobs. That would reduce labor costs; save interest on construction loans, and in many cases would start revenues flowing from the structure earlier.

Today such taper-threaded couplers have been used, largely in the western United States, long enough to evaluate their performance and cost effectiveness. A study has just been completed of their use on six large bridges and on other structures (in the last seven years the couplers have been used on all major bridges built in California).

Half day vs two days; $96 vs $768

On the $175 million I-205 bridge across the Columbia River at Portland, Oregon, only lap splices (on smaller bars only), taper-threaded couplers and sleeve-filler splicing methods have been allowed. Taper-threaded couplers were used for heavy vertical bars, with sleeve-filler couplers kept as back-up in case a threaded rebar was cut the wrong length or the threads were damaged. Horizontal bars, usually smaller, were lap spliced.

Prescon Corp. of San Antonio, Texas is in charge of rebar and post-tensioning. Company spokesmen report that on the 34 piers, plus special footings, in the south channel the estimated time of coupling heavy rebar was six min. for each splice including set-up time. Actual unit cost for Critical Cycle was five min. each. It took only four hours, or a half-day, to make all splices on 48 bars. Weight of each rebar cage was 44 tons, height 85 ft.

Parabolic rebar shapes were used in the pier cages. Since the standard one-piece type of taper-threaded coupler required turning the bar into the sleeve, which was impossible with parabolic bars, instead Prescon used the three-piece position-type taper-threaded coupler. With this type the coupler is turned to draw the fittings together. With the one-piece type the rebar is turned. Both types were from Fox Industries of Berkeley, California.

Prescon's John Steiner, director of field operations in charge of the I-205 pier cage fabrication, and a recognized authority on rebar, estimates that if they had used the sleeve-filler method, and without taking into account the chance of bad weather, they would have spliced only eight to ten per day with one shooter. Nearly five days would have been required for all 48 splices in each cage, estimates Steiner. If two shooters could be used this could be cut to 2.5 days.

Total labor at $20 per man-hour added to $96 for all 48 connections with the taper-threaded couplers, and to $768 estimated for sleeve-filler type couplers.

Taper-threaded couplers on I-205 require 120 lb. pressure. State engineers checked couplers on a 10 per cent basis. There were no problems, but Steiner feels that if the sleeve-filler type had been used, some would have had to be cut and redone. Bethlehem reinforcement bars arrived with one extra. Prescon had the extra bar cut, spliced and tested. To their surprise there were no bad threads on the entire job. They had expected that threads might tear when bars were dropped into place. Infrequently, bars had to be cut. Then, rather than wait for bars to be threaded down river at Vancouver and barged to the bridge site, Prescon used sleeve-filler splicing.

Howard Harris, Resident Engineer for the State of Oregon, says that on I-205 these couplers generally were not needed until No. 14 size, "but we did some No. 11's because we were tight on spacing and had lap splice problems."

Used on other projects too

On the nearly 400-ft.-high Stanislaus River Bridge in California, Bethlehem Steel made 6,000 splices of 60-ft., No. 18 bars with taper-threaded couplers and even in congested areas no stirrups had to be removed.

On the $33 million Antioch Bridge across the Sacramento River, the coupler was a "a major contributing factor," according to the Bethlehem field superintendent, in the contractor's completion of the bridge in less than

two years instead of the scheduled four. Some 15,000 No. 11, 14 and 18 couplers were used. Typically, Peter Kiewit Sons' Company installed and tested 120 No. 14's in one hour.

Advantages and disadvantages

The need for threading the rebar is the major disadvantage of taper-threaded couplers. The threading machine weighs seven tons and requires a prepared foundation.

According to Harris, all bidders on a job using taper threaded couplers must have such a machine available for the bid to be acceptable in Oregon. The machines are available only by lease, although the lessor says he is well supplied.

If for some reason a bar must be cut on the job, then, using the coupler, the bar must be rethreaded or an alternate type of coupler must be available.

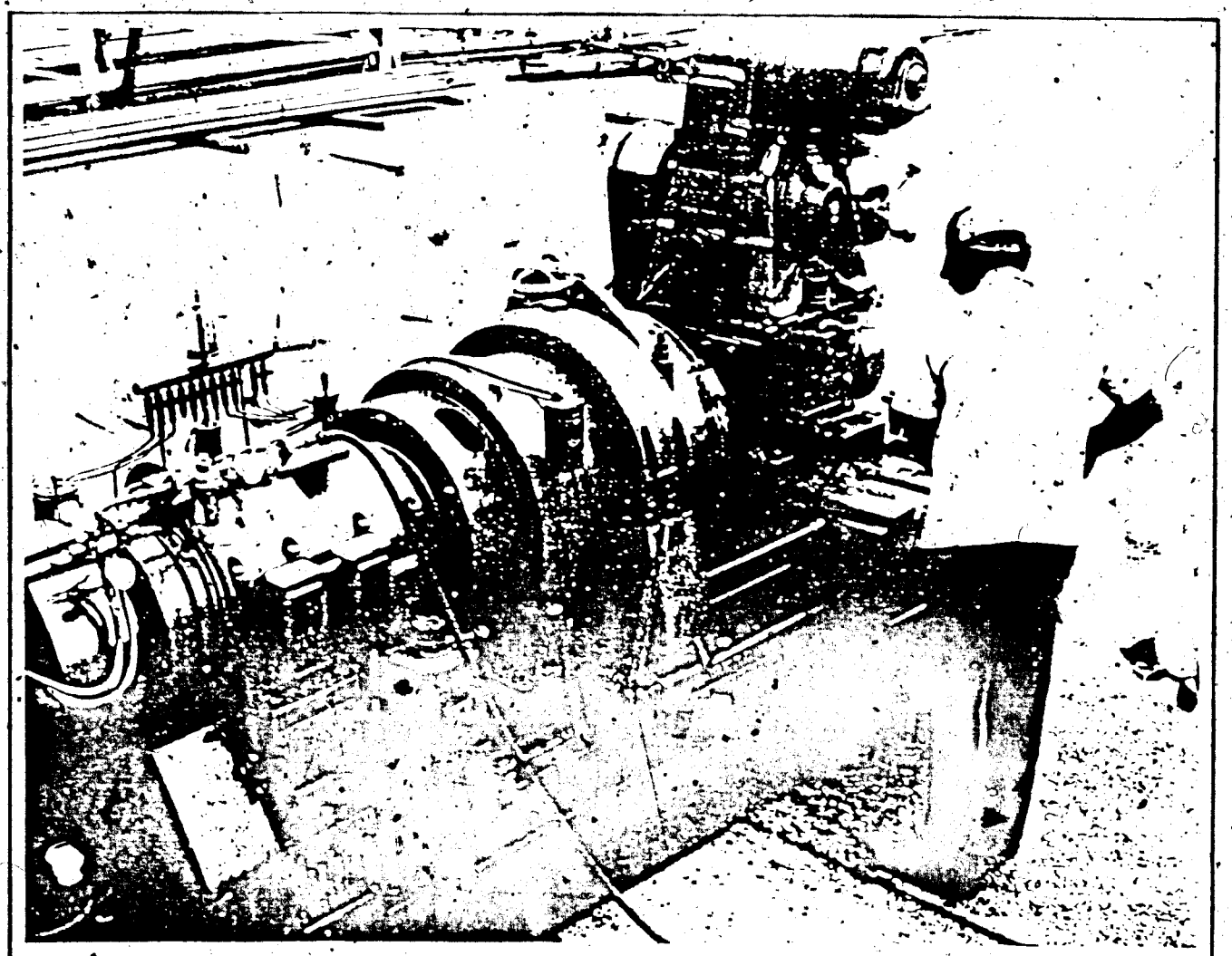
Initially there was some concern lest the notch-sensitive rebar would fracture at the threads when subjected to heavy loads, especially at low temperatures. However, a fine thread with a generous radius is used so that in some 75,000 installations to date, and seven years of use, there has not been a single failure of an installed coupler nor even a rejection or complaint, according to the coupler manufacturer.

One factor in speed of installation is that tapering the threads reduces the number of turns required and lessens torque requirements. Tapered threading is self-aligning and cross threading cannot occur. The technique used in oil drilling requires no special tools. The tapered end of the bar is merely lowered into the pre-installed coupler on the other bar and rotated four hand turns to hand tight. Then a two-foot pipe wrench is applied, followed by a click-type torque wrench to make sure it is tight enough.

The coupler meets all state and federal requirements, according to Fox. Tapered-thread couplers develop the minimum ultimate tensile strength of Grades 60 and 40 reinforcing steel covered by ASTM A 615-68 specifications. Slip characteristics are extremely low, on the order of .0 to .005 in. at 30,000 psi, thus helping to minimize concrete cracking. It handles full compression loads.

Bob Middah, chief engineer for Swinnerton & Walberg in joint venture with Continental Heller on the California Capitol Building, commented. "The coupler simplifies labor because it just screws on and is the equivalent of 125 percent of steel. Unskilled labor can be used. And it is almost impossible to install wrong. Tests in two seconds. Neat, clean, quick."

Howard Harris forecasts: "I look for more and more use of taper-threaded couplers – mostly because of the speed of splicing, but also because weather is eliminated as a problem. It can be raining or snowing, but if you are able to work in it you can install the couplers. ■



The threading machine required for taper-threaded couplers is a major unit. On the job site it must have a plant-type installation.

Dora Hirsch 1-5-88

Threaded rebars spin down time

A rebar splicing technique, popular in the western United States, together with a long drought, are the major factors in saving two years in construction of California's Antioch Bridge. Here is how the rebar splice saved time.

BUILDING the $33 million, 9,000 ft (2743 m) long Antioch Bridge over the San Joaquin River was scheduled for four years, but completed in two.

A major contributing factor, according to "Wally" Wallace, field superintendent for Bethlehem Steel's South San Francisco office, was the use of a rebar splicing method almost unknown outside the western United States. Another factor was good weather for construction. The bridge, opened to the public December 1, 1978, was constructed during California's drought—thus there were no rain days to delay work.

Taper-threaded ends and money savings

The method consists of taper-threading the ends of a standard rebar and connecting the rebar ends with a threaded coupler. This reduces field installation and testing time as compared to commonly used sleeve-filler-type of coupling. Steel is ready for form lifts as soon as concrete is cured enough for form stripping. Because concrete is poured sooner, speed at this juncture often confers Critical Path benefits. This was the key to time-savings on the Antioch Bridge job.

Antioch's easy rebar installation

The Antioch job was bid with this coupling technique in mind. As a result no time was lost with the steel—Bethlehem Steel had to work twelve hours a day, six days a week in the shop threading rebar in order to keep up. This avoided waiting for the threaded rebars later.

Wallace recalls, "The contractor made every one of the 110 form lifts, on 39 piers averaging 110 ft (33.5 m) high as soon as the required cure time was done. With any other method he would have had to wait at least another day for every lift. There are about 120 pieces of bar per pier.

"Our three-man splicing crew put in 100 couplers a day. The crane hung four #18 bars, as long as 60 ft (18.3 m) and 780 lb (354 kg), rigged so each was progressively higher, and then with one lift placed all four. They simply dropped the rebar into the couplers. When you drop one into a coupler it practically stands there by itself. Because of the tapered threads it took just 3½ turns of a pipe wrench and a solid jolt with one hand to give 200 ft-lb (271 N•m) of torque, and that was it!"

Bethlehem foreman Bob Nunes added "We didn't need to use templates and could almost build free-standing."

Handling #14 bars, the crane placed a bundle in each corner of the scaffold in the morning and then left for the day. This made the crane available elsewhere. The splicing crew hand-lifted the 30-ft (9.14-m), 230-lb (104.3 kg) bars into place, splicing and testing 120 rebars in one hour.

Position-type tapered-thread couplers, with the coupler turning instead of the bar, were used on one pier. Although splicing areas were congested, no stirrups had to be removed to make working room.

In-situ splice testing

Quality control checks are made during coupler manufacture. Testing of in-situ production splices, other than applying a calibrated torque wrench to 200 ft-lb, is not required since it is practically impossible to make a mistake. Almost as easy as tightening a bolt. Unskilled labor can produce an excellent splice. The technique does not disrupt other trades, as when a filler metal splice is fired. Installation can be done in the rain, something which is difficult with welding or filler metal splicing.

Difficult to thread rebar

One problem with this splicing method is getting the threads on the rebar. This must be done is a plant-like location. All other couplers can go out into the field and require small equipment only. With the tapered thread type, if in the field a mistake is found (a bar too long, for example) so that it must be cut, then there would be no thread remaining on the bar. The bar would have to be sent back for rethreading, or another type of coupler used.

Jobs must be big enough to warrant installation of a seven-ton machine to thread these bars.

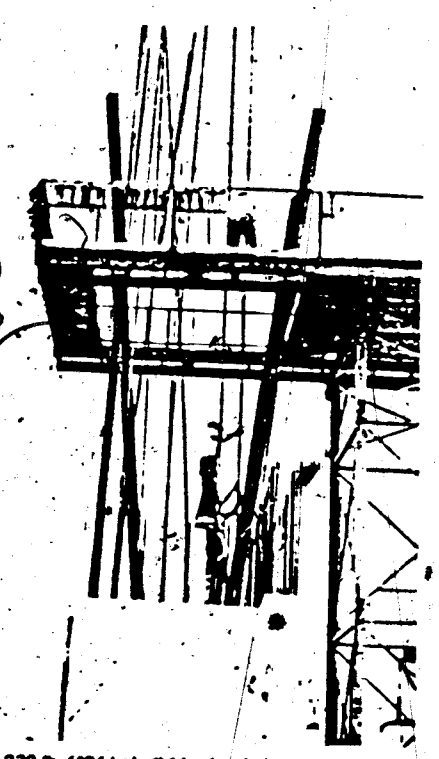
Other projects

Recently the technique was used on the rebuilding of San Francisco schools to resist earthquakes, on Ontario Hydro's Bruce Unit B nuclear plant in Canada, on Parrotts Ferry Bridge in the Sierra Nevada Mountains, the $54 million reconstruction of the Sacramento capital building, on Interstate 205 across the Columbia River, and the Norfolk Lake Projects Highway 62's bridge in Mountain Home, Arkansas.

The U.S. Nuclear Regulatory Commission recently accepted the coupler for review. It has not yet been used in the construction of nuclear plants inside the United States.



Workman grabs rebar with a tool for easier handling and drops it into the coupler.



230 lb (104 kg) #14 rebar being handled into place by three-man crew after the steel for the day has been stacked nearby with the crane.

Dona Howie 4-5-88

TECHNICIAN'S DAILY REPORT

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
385 5300

Date 4-16-86 Hours

File No. 4145J182 Miles

Project GOLDEN NUGGET TOWER Weather clear

Diary Finish changing of columns on lines C.6 @ 13.5, G.3 @ 13.5, C.6 @ 16.5 & G.3 @ 16.5 5th TO 6th Floors. REBAR was corrected late Tuesday (4-15-86) & I was not notified until 4-16-86. Found loose connections (2) on column G.3 @ 16.5. I had iron workers RE-TORQUE the whole column, they were the only loose connections on the column.

All connections that had been checked in the elevator core wall were TORQUED IN ACCORDANCE W/ INSTRUCTION RECIVED FROM JACK ALLISON MARTIN Peyton & ASSO. Column REBAR Drops From #18 TO #11 on this Section. NO FUTHER TESTING #18 coupling Required.

Approved

Signed K. Smith

Doug Hawley 1-5-88

SIERRA CONSTRUCTION CORP.

5255 SOUTH VALLEY VIEW BLVD. (89118) AREA CODE 702-739-1991 LAS VEGAS, NEVADA POST OFFICE BOX 14306 (89114)

OJECT GNLV - Tower

FIL 250.375/A19/A22B(SE)/S2

John A. Martin & Associates
1800 Wilshire Blvd.
Los Angeles, California 90057

DATE March 20, 1986

ATTN.

SUBMITTAL NO. 1
(IN REPLY PLEASE REFER TO SUBMITTAL NO.)

WE ARE TRANSMITTING HEREWITH FOR YOUR

( ) APPROVAL (X) FILE ( ) ACTION ( ) SELECTION ( ) REFERENCE

ITEM	COPIES	DESCRIPTION
1.	1	Mountz, Inc. Letter Regarding Calibration of the Torque Wrench being used on Howlett Rebar Couplers.

REMARKS OR SPECIAL NOTES

SENT BY
FIRST CLASS MAIL (X)
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KED UP ( )
HAND CARRIED ( )

JWK:gmb

r*/k*/kr*

VERY TRULY YOURS,

SIERRA CONSTRUCTION CORP.

A. P. Rapone
Executive Vice-President

CC- Joel Bergman *
Marty Sibella, SCC-F.O. *
City Building Inspector *

* W/Copy

Donna Healy 1-5-88

MOUNTZ, Inc.

TORQUE & TOOL SPECIALISTS

1080 NORTH ELEVENTH STREET • SAN JOSE, CALIFORNIA 95112 • U.S.A.
TEL. (408) 292-2214 • CABLE MOUNTZ SAN JOSE - TWX 910 338 [illegible]

Mr. John Deubert
FOX HOWLETT INDUSTRIES
744 Folger Ave.
Berkeley, California 94710

Dear Mr. Deubert,

This is to confirm that on August 8, 1985 Mountz, Inc. supplied you with a model A5084 consisting of an 1800 QSP Torque Wrench S/N 00275Y with any 18" pipe wrench adapter. Reference your PO # 2895 our invoice # 51424. On August 8, 1985 when this unit was delivered it was calibrated in our facility to a pre-set value of [illegible] lbf. ft.

If you need any further assistance, please feel free to contact Mountz, Inc. at your convenience.

Sincerely,

C.P. Serafini

C.P. Serafini
Vice President

CPS:amb

RECEIVED
MAR 18 1986
SIERRA
CONSTRUCTION CORP.
GENERAL CONTRACTORS

Dona Hoisch 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

THICKNESS AND DENSITY OF SPRAYED FIRE RESISTIVE MATERIAL APPLIED TO STRUCTURAL MEMBERS ASTM E605-77

CLIENT: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

JOB NO.: 4145J182

INVOICE NO.:

PROJECT: Golden Nugget Tower

SAMPLED BY J. Glagola DATE 03-24-86

SUBMITTED BY J. Glagola DATE 03-24-86

TEST PERFORM BY M. Draper DATE 03-24-86

SPECIFICATIONS

SPECIMEN ID.		1A	1B	1C	1D	COMMENTS
SAMPLE LOCATION		Ground Floor Column 35 L.8				
NOMINAL SPEC. DIMENSIONS						
AVG. IN PLACE THICKNESS						
AVG. LAB THICKNESS, INCH		2.130	2.514	1.760	1.831	
AVG. LAB WIDTH, INCH		5.154	6.200	6.066	6.340	
AVG. LAB LENGTH, INCH		7.097	8.770	7.470	7.827	
VOLUME, $IN.^3$		77.9	136.7	79.8	90.9	
VOLUME, $FT.^3$		.0451	.0791	.0462	.0526	
DATE						
03-25-86	WEIGHT, GMS.	507.1	805.3	490.4	442.1	TEMP 79 R.H. 40
03-26-86	WEIGHT, GMS.	500.9	750.9	488.9	440.6	TEMP 80 R.H. 36
03-27-86	WEIGHT, GMS.	500.2	749.6	488.5	439.9	TEMP 75 R.H. 40
	WEIGHT, GMS.					TEMP R.H.
	WEIGHT, GMS.					TEMP R.H.
	WEIGHT, GMS.					TEMP R.H.
	WEIGHT, GMS.					TEMP R.H.
	WEIGHT, GMS.					TEMP R.H.
FINAL WEIGHT, GMS.		500.2	749.6	488.5	439.9	
FINAL WEIGHT, LBS.		1.10	1.65	1.08	.97	
DENSITY, PCF		24.4	20.9	23.4	18.4	
AVG. DENSITY						21.8

Client (1) Mail
Martin, Peltyn & Assoc. (1) Mail
R.H. - Relative Humidity

Sierra Construction (1) Mail
City of Las Vegas (1) Jobsite
Joel Bergman A.I.A. (1) Mail

Dona Hoisly 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

THICKNESS AND DENSITY OF SPRAYED FIRE RESISTIVE MATERIAL APPLIED TO STRUCTURAL MEMBERS ASTM E605-77

CLIENT: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn:- Mr. Brad Friedmutter

PROJECT: Golden Nugget Tower

JOB NO.: 4145J182

INVOICE NO.:

SAMPLED BY J. Glagola/WT DATE 06-09-86

SUBMITTED BY J. Glagola/WT DATE 06-09-86

TEST PERFORM BY Mark Draper/WT DATE 06-11-86

SPECIFICATIONS

SPECIMEN ID.		1A	1B	1C	1D	COMMENTS
SAMPLE LOCATION Column 18A		--	--	--	--	
NOMINAL SPEC. DIMENSIONS						
AVG. IN PLACE THICKNESS						
AVG. LAB THICKNESS, INCH		1.932	2.052	1.933	1.944	
AVG. LAB WIDTH, INCH		6.613	6.437	7.061	6.206	
AVG. LAB LENGTH, INCH		7.928	8.005	8.228	8.017	
VOLUME, IN.^{3}		101.3	105.7	112.3	96.7	
VOLUME, FT.^{3}		.0586	.0612	.0650	.0560	
DATE						
06-12-86	WEIGHT, GMS.	621.6	699.8	707.5	672.5	TEMP R.H.
06-13-86	WEIGHT, GMS.	601.1	650.1	667.7	622.4	TEMP R.H.
06-16-86	WEIGHT, GMS.	524.9	575.1	589.2	557.1	TEMP R.H.
06-17-86	WEIGHT, GMS.	523.8	571.0	587.4	555.2	TEMP R.H.
	WEIGHT, GMS.					TEMP R.H.
	WEIGHT, GMS.					TEMP R.H.
	WEIGHT, GMS.					TEMP R.H.
	WEIGHT, GMS.					TEMP R.H.
FINAL WEIGHT, GMS.		523.8	571.0	587.4	555.2	
FINAL WEIGHT, LBS.		1.15	1.26	1.29	1.22	
DENSITY, PCF		19.6	20.6	19.8	21.7	
AVG. DENSITY						20.4

R.H. - Relative Humidity

Dona Hack 1-7-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

THICKNESS AND DENSITY OF SPRAYED FIRE RESISTIVE MATERIAL APPLIED TO STRUCTURAL MEMBERS ASTM E605-77

CLIENT: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

PROJECT: Golden Nugget Tower

JOB NO.: 4145J182

INVOICE NO.:

SAMPLED BY J. Glagola/WI DATE 06-09-86

SUBMITTED BY J. Glagola/WI DATE 06-09-86

TEST PERFORM BY M. Draper/WI DATE 06-11-86

SPECIFICATIONS

SPECIMEN ID.		2A	2B	2C	2D	COMMENTS
SAMPLE LOCATION Column 29 A.5		--	--	--	--	
NOMINAL SPEC. DIMENSIONS						
AVG. IN PLACE THICKNESS						
AVG. LAB THICKNESS, INCH		1.648	1.812	1.784	1.554	
AVG. LAB WIDTH, INCH		6.720	6.420	6.696	6.490	
AVG. LAB LENGTH, INCH		9.495	9.480	9.480	9.503	
VOLUME, IN.^{3}		105.2	110.3	113.2	95.8	
VOLUME, FT.^{3}		.0609	.0638	.0655	.0555	
DATE						
06-12-86	WEIGHT, GMS.	547.4	634.4	601.4	503.1	TEMP R.H.
06-13-86	WEIGHT, GMS.	521	600.0	576.7	491.1	TEMP R.H.
06-16-86	WEIGHT, GMS.	511.1	562.9	549.1	476.1	TEMP R.H.
06-17-86	WEIGHT, GMS.	510.2	561.0	547.2	474.0	TEMP R.H.
	WEIGHT, GMS.					TEMP R.H.
	WEIGHT, GMS.					TEMP R.H.
	WEIGHT, GMS.					TEMP R.H.
	WEIGHT, GMS.					TEMP R.H.
FINAL WEIGHT, GMS.		510.2	561.0	547.2	474.0	
FINAL WEIGHT, LBS.		1.12	1.24	1.21	1.04	
DENSITY, PCF		18.4	19.4	18.5	18.7	
AVG. DENSITY						18.8

R.H. - Relative Humidity

Dona Hawley 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

ATTENTION: Mr. Brad Friedmutter

DATE: April 22, 1986

SUBJECT: Golden Nugget Tower

PROJECT NO.: 4145J182

The following items are transmitted: Herewith __
Under Separate Cover __ Via: Mail

No. of copies	Description
1 Each	Fireproofing Data - Report 1

The above items are submitted: At your request __ For your review X
For your files X For your action __ For your information X

General Remarks:

Enclosure __

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Joel Bergman, A.I.A (1) Mail
City of Las Vegas (1) Jobsite

BY: Jerry Riedel
Jerry Riedel, P.E.
Materials Engineer

tp

Dona Hoesly - 1-5-88.

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV, 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. F-1 **Date** 04-28-86
Reviewed By Jerry Riedel, P.E.
Date Examined 04-09-86

Project Golden Nugget Tower
Location 1st & Bridger **Technician** Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR - Ground	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
32 B.5	2-1/8	2-1/2	2-1/4	2-1/8	x				x	
32 C.8	2-1/8	2-1/2	2-1/4	2-1/8	x				x	
32 G.3	2-1/8	2-1/2	2-1/4	2-1/8	x				x	
32 J.5	2-1/8	2-1/2	2-1/4	2-1/8	x				x	
30 P	2	2-1/2	2-1/4	1-3/4	x				x	
32 B.5 to 32 J.5 - Main	1-1/4	1-1/2	1-1/4	1-1/4	x			x		
30 E to 32 E - Main	1-1/4	1-1/2	1-1/4	1-1/4	x			x		
30 G to 32 G - Main	1-1/4	1-1/2	1-1/4	1-1/4	x			x		
30 H to 32 H - Main	1-1/4	1-1/2	1-1/4	1-1/4	x			x		
30 K to 32 K - Main	1-1/4	1-1/2	1-1/4	1-1/4	x			x		
30 E to 30 K - Secondary	3/4	1	3/4	3/4	x			x		
30 E to 30 K - Secondary	3/4	1	3/4	3/4	x			x		

Done Hardy 8 - 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. F-1 **Date** 04-21-86
Reviewed By Jerry Riedel, P.E.
Date Examined 04-02-86

Project Golden Nugget Tower
Location 1st & Bridger **Technician** Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR - Ground	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
33 L.8	2-1/2	2-5/8	2-1/2	2-1/2	x				x	
34 L.8	2-1/2	2-3/4	2-5/8	2-1/2	x				x	
35 L.8	2-1/2	2-3/4	2-5/8	2-1/2	x				x	
36 L.8	2-1/2	2-5/8	2-1/2	2-1/2	x				x	
37 L.8	2-1/2	2-5/8	2-1/2	2-1/2	x				x	
38 L.8	2-1/2	2-3/4	2-5/8	2-1/2	x				x	
39 L.8	2-1/2	2-5/8	2-1/2	2-1/2	x				x	
38 J.7	2-1/2	2-3/4	2-5/8	2-1/2	x				x	
39 J.7	2-1/2	2-5/8	2-1/2	2-1/2	x				x	
33 P	2-1/2	2-3/4	2-5/8	2-1/2	x				x	
34 P	2-1/2	2-3/4	2-5/8	2-1/2	x				x	
35 P	2-1/2	2-3/4	2-5/8	2-1/2	x				x	
32 P	2-1/2	2-3/4	2-5/8	2-1/2	x				x	
33 L.8 to 38 L.8 - Main	1-1/4	1-1/2	1-1/4	1-1/4	x			x		
38 J.7 to 38 J.7 - Main	1-1/4	1-1/2	1-3/8	1-1/4	x			x		
33 P to 36 P - Main	1-1/4	1-1/2	1-3/8	1-1/4	x			x		

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145.1182
Lab./Invoice No.
Report No. F-1 **Date** 04-21-86
Reviewed By Jerry Riedel, P.E.
Date Examined 04-02-86

Project Golden Nugget Tower
Location 1st & Bridger **Technician** Jeff Glagola/WI
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR - Ground	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
33 L.8 to 33 P - Main	1-1/4	1-1/2	1-1/2	1-1/4	x			x		
33 L.8 to 33 P - Secondary	3/4	1	3/4	3/4	x			x		
33 L.8 to 33 P - Secondary	3/4	1	3/4	3/4	x			x		
33 L.8 to 33 P - Secondary	3/4	1	3/4	3/4	x			x		
34 L.8 to 34 P - Main	1-1/4	1-1/2	1-1/4	1-1/4	x			x		
34 L.8 to 34 P - Secondary	3/4	1	1	3/4	x			x		
34 L.8 to 34 P - Secondary	3/4	1	1	3/4	x			x		
34 L.8 to 34 P - Secondary	3/4	1	1	3/4	x			x		
34 L.8 to 34 P - Secondary	3/4	1	1	3/4	x			x		
35 L.8 to 35 P - Main	1-1/4	1-1/2	1-1/4	1-1/4	x			x		
35 L.8 to 35 P - Secondary	3/4	1	1	3/4	x			x		
35 L.8 to 35 P - Secondary	3/4	1	1	3/4	x			x		
35 L.8 to 35 P - Secondary	3/4	1	1	3/4	x			x		
35 L.8 to 35 P - Secondary	3/4	1	1	3/4	x			x		
36 L.8 to 36 P - Main	1-1/4	1-1/2	1-1/4	1-1/4	x			x		
36 L.8 to Exist - Secondary	3/4	1	1	3/4	x			x		
36 L.8 to Exist - Secondary	3/4	1	1	3/4	x			x		
36 L.8 to Exist - Secondary	3/4	1	1	3/4	x			x		
36 L.8 to Exist - Secondary	3/4	1	1	3/4	x			x		

Dona Hoole 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. F-1 Date 04-22-86
Reviewed By Jerry Riedel, P.E.
Date Examined 04-02-86

Project Golden Nugget Tower
Location 1st & Bridger Technician Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR - Ground	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
37 L.8 to Exist - Main	1-1/4	1-3/4	1-1/2	1-1/4	x			x		
37 L.8 to Exist - Secondary	3/4	1	1	3/4	x			x		
37 L.8 to Exist - Secondary	3/4	1	1	3/4	x			x		
37 L.8 to Exist - Secondary	3/4	1	3/4	3/4	x			x		
37 L.8 to Exist - Secondary	3/4	1	3/4	3/4	x			x		
38 J.7 to Exist - Main	1-1/4	1-3/4	1-1/2	1-1/4	x			x		
38 J.7 to Exist - Secondary	3/4	1	3/4	3/4	x			x		
38 J.7 to Exist - Secondary	3/4	1	3/4	3/4	x			x		
38 J.7 to Exist - Secondary	3/4	1	3/4	3/4	x			x		
38 J.7 to Exist - Secondary	3/4	1	1	3/4	x			x		
38 J.7 to Exist - Secondary	3/4	1	1	3/4	x			x		
38 J.7 to Exist - Secondary	3/4	1	1	3/4	x			x		
38 J.7 to Exist - Secondary	3/4	1	1	3/4	x			x		
39 J.7 to Exist - Main	1-1/4	2	1-1/2	1-1/4	x			x		
39 J.7 to Exist - Secondary	3/4	1	3/4	3/4	x			x		
39 J.7 to Exist - Secondary	3/4	1	3/4	3/4	x			x		
39 J.7 to Exist - Secondary	3/4	1	1	3/4	x			x		
39 J.7 to Exist - Secondary	3/4	1	1	3/4	x			x		

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: 46031
Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. F-1 **Date** 04-22-86
Reviewed By Jerry Riedel, P.E.
Date Examined 03-31-86

Project Golden Nugget Towers
Location 1st & Bridger **Technician** Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR - Ground	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
40 EB	1-7/8	2-1/4	2	1-7/8	x				x	
40 L.8	1-7/8	2-1/4	2	1-7/8	x				x	
40 Eb to 40 L.8 - Main	1-1/4	1-1/2	1-3/8	1-1/4	x			x		
40 Eb to Exist - Secondary	3/4	1	3/4	3/4	x			x		
40 L.8 to Exist - Secondary	3/4	1	3/4	3/4	x			x		
40.4 Eb to 40.5 L.8- Sec.	3/4	1	3/4	3/4	x			x		

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

ATTENTION: Mr. Brad Friedmutter

DATE: June 26, 1986

SUBJECT: Golden Nugget Tower

PROJECT NO.: 4145J182

The following items are transmitted: Herewith __
Under Separate Cover __ Via: Mail

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The above items are submitted: At your request __ For your review X
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BY: Jerry Riedel
Jerry Riedel, P.E.
Materials Engineer

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89101
(702) 382-7483

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design and Furnishings
129 East Fremont St.
Las Vegas, NV 89101
ATTN: Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 **Date** 6/26/86
Reviewed By Jerry Riedel, P.E.
Date Examined 6/6/86

Project Golden Nugget Towers
Location 1st and Carson **Technician** Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR - SECOND	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
16M.6	1 3/4	2	1 3/4	1 3/4	X		X		X	
17M.6	1 3/4	2 1/4	1 3/4	1 3/4	X		X		X	
18M.6	1 3/4	2	1 3/4	1 3/4	X		X		X	
19M.6	1 3/4	2	1 3/4	1 3/4	X		X		X	
20M.6	1 3/4	2 1/8	1 3/4	1 3/4	X		X		X	
21M.6	1 3/4	2 1/4	1 3/4	1 3/4	X		X		X	
22M.6	1 3/4	2 1/4	1 3/4	1 3/4	X		X		X	
23M.6	1 3/4	2 1/8	1 3/4	1 3/4	X		X		X	
24M.6	1 3/4	2 1/8	1 3/4	1 3/4	X		X		X	
25M.6	1 3/4	2 1/4	1 3/4	1 3/4	X		X		X	
26M.6	1 3/4	2	1 3/4	1 3/4	X		X		X	
27M.6	1 3/4	2	1 3/4	1 3/4	X		X		X	
28M.6	1 3/4	2	1 3/4	1 3/4	X		X		X	
29M.6	1 3/4	2	1 3/4	1 3/4	X		X		X	
FIRST FLOOR 26M.6	1 3/4	2	1 3/4	1 3/4	X		X		X	

Dona Hardy 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design and Furnishings
129 East Fremont St.
Las Vegas, NV 89101
ATTN: Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 **Date:** 6/26/86
Reviewed By Jerry Riedel, P.E.
Date Examined 6/6/86

Project Golden Nugget Towers
Location 1st and Carson **Technician** Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR-SECOND	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
16K to 16M.6	3/4	1	13/16	3/4	X			X		
17K to 17M.6	3/4	1	13/16	3/4	X			X		
18K to 18M.6	3/4	1	13/16	3/4	X			X		
19K to 19M.6	3/4	1	13/16	3/4	X			X		
20K to 20M.6	3/4	1	13/16	3/4	X			X		
21K to 21M.6	3/4	1	13/16	3/4	X			X		
22K to 22M.6	3/4	1	13/16	3/4	X			X		
23K to 23M.6	3/4	1	13/16	3/4	X			X		
24K to 24M.6	3/4	1	13/16	3/4	X			X		
25K to 25M.6	3/4	1	13/16	3/4	X			X		
26K to 26M.6	3/4	1	13/16	3/4	X			X		
27K to 27M.6	3/4	1	13/16	3/4	X			X		
28K to 28M.6	3/4	1	13/16	3/4	X			X		
29K to 29M.6	3/4	1	13/16	3/4	X			X		

Pima Hotel 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design and Furnishings
129 East Fremont St.
Las Vegas, NV 89101
ATTN: Brad Friedmutter

Job No. 41450182
Lab./Invoice No.
Report No. 2 Date 6/26/86
Reviewed By Jerry Riedel, P.E.
Date Examined 6/6/86

Project Golden Nugget Towers
Location 1st and Carson
Technician Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR - SECOND	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
16M.6	1	1 3/4	1 3/8	1 3/4		X			X	
17M.6	1 1/8	2	1 1/2	1 3/4		X			X	
18M.6	1 1/8	2	1 1/2	1 3/4		X			X	
19M.6	1	1 3/4	1 3/8	1 3/4		X			X	
20M.6	1	1 3/4	1 1/2	1 3/4		X			X	
21M.6	1	1 3/4	1 3/8	1 3/4		X			X	
22M.6	1 1/8	1 3/4	1 3/8	1 3/4		X			X	
23M.6	1	1 3/4	1 1/4	1 3/4		X			X	
24M.6	1	1 3/4	1 1/4	1 3/4		X			X	
25M.6	1 1/8	1 3/4	1 3/8	1 3/4		X			X	
26M.6	1 1/8	1 3/4	1 3/8	1 3/4		X			X	
27M.6	1 1/8	1 3/4	1 1/2	1 3/4		X			X	
28M.6	1 1/4	1 3/4	1 1/2	1 3/4		X			X	
29M.6	1 1/4	1 3/4	1 1/2	1 3/4		X			X	

Dona Hoesly 7-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design and Furnishings
129 East Fremont St.
Las Vegas, NV 89101
ATTN: Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 Date 6/26/86
Reviewed By Terry Riedel, P.E.
Date Examined 6/6/86

Project Golden Nugget Towers
Location 1st and Carson Technician Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR - SECOND	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
20A.5	1 3/4	2 1/4	2	1 3/4	X				X	
21A.5	1 3/4	2 1/4	2	1 3/4	X				X	
23A.5	1 3/4	2 1/4	2	1 3/4	X				X	
25A.5	1 3/4	2 1/4	2	1 3/4	X				X	
27A.5	1 3/4	2 1/4	2	1 3/4	X				X	
29A.5	1 3/4	2 1/4	2	1 3/4	X				X	
21A.5-21E	3/4	1 1/4	1	3/4	X			X		
22A.5-22E	3/4	1 1/4	1	3/4	X			X		
23A.5-23E	3/4	1 1/4	1	3/4	X			X		
24A.5-24E	3/4	1 1/4	1	3/4	X			X		
25A.5-25E	3/4	1 1/4	1	3/4	X			X		
26A.5-26E	3/4	1 1/4	1	3/4	X			X		
27A.5-27E	3/4	1 1/4	1	3/4	X			X		
28A.5-28E	3/4	1 1/4	1	3/4	X			X		
29A.5-29E	3/4	1 1/4	1	3/4	X			X		
21A.5-23A.5	1/2	1	3/4	1/2	X			X		
23A.5-25A.5	1/2	1	3/4	1/2	X			X		
25A.5-27A.5	1/2	1	3/4	1/2	X			X		
27A.5-29A.5	1/2	1	3/4	1/2	X			X		

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design and Furnishings
129 East Fremont St.
Las Vegas, NV 89101
ATTN: Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 Date 6/26/86
Reviewed By Jerry Riedel, P.E.
Date Examined 6/6/86

Project Golden Nugget Towers
Location 1st and Carson Technician Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR - GROUND	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
18L.5-20L.5	1/2	3/4	1/2	1/2	X			X		
18L.3-20L.3	1/2	3/4	1/2	1/2	X			X		
18M.6-18M.6 TOP	1/2	3/4	1/2	1/2	X			X		
18M.6-19M.6 BOTTOM	1/2	3/4	1/2	1/2	X			X		
19M.6-20M.6 TOP	1/2	3/4	1/2	1/2	X			X		
19M.6-20M.6 BOTTOM	1/2	3/4	1/2	1/2	X			X		
20M.6-21M.6 TOP	1/2	3/4	1/2	1/2	X			X		
20M.6-21M.6 BOTTOM	1/2	3/4	1/2	1/2	X			X		
21M.6-22M.6 TOP	1/2	3/4	1/2	1/2	X			X		
21M.6-22M.6 BOTTOM	1/2	3/4	1/2	1/2	X			X		
22M.6-23M.6 TOP	1/2	3/4	1/2	1/2	X			X		
22M.6-23M.6 BOTTOM	1/2	3/4	1/2	1/2	X			X		
23M.6-24M.6 TOP	1/2	3/4	1/2	1/2	X			X		
23M.6-24M.6 BOTTOM	1/2	3/4	1/2	1/2	X			X		
24M.6-25M.6 TOP	1/2	3/4	1/2	1/2	X			X		
24M.6-25M.6 BOTTOM	1/2	3/4	1/2	1/2	X			X		
25M.6-26M.6 TOP	1/2	3/4	1/2	1/2	X			X		
25M.6-26M.6 BOTTOM	1/2	3/4	1/2	1/2	X			X		
26M.6-27M.6 TOP	1/2	3/4	1/2	1/2	X			X		
26M.6-27M.6 BOTTOM	1/2	3/4	1/2	1/2	X			X		

Dona Hoole 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design and Furnishings
129 East Fremont St.
Las Vegas, NV 89101
ATTN: Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 Date 6/26/86
Reviewed By Jerry Riedel, P.E.
Date Examined 6/6/86

Project Golden Nugget Towers
Location 1st and Carson Technician Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR-GROUND	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
18K-18M.6	3/4	1	3/4	3/4	X			X		
18.8K-18L.5	3/4	1	3/4	3/4	X			X		
19.2K-19.2L.5	3/4	1	3/4	3/4	X			X		
0K-20M.6	3/4	1	3/4	3/4	X			X		
21K-21M.6	3/4	1	3/4	3/4	X			X		
22K-22M.6	3/4	1	3/4	3/4	X			X		
23K-23M.6	3/4	1	3/4	3/4	X			X		
24K-24M.6	3/4	1	3/4	3/4	X			X		
25K-25M.6	3/4	1	3/4	3/4	X			X		
26K-26M.6	3/4	1	3/4	3/4	X			X		
27K-27M.6	3/4	1	3/4	3/4	X			X		
28K-28M.6	3/4	1	3/4	3/4	X			X		
28.5K-28.5L.5	3/4	1	3/4	3/4	X			X		
29K-29M.6	3/4	1	3/4	3/4	X			X		
28M.6-29M.6 TOP	1/2	3/4	1/2	1/2	X			X		
28M.6-29M.6 BOTTOM	1/2	3/4	1/2	1/2	X			X		
27M.6-28M.6 TOP	1/2	3/4	1/2	1/2	X			X		
27M.6-28M.6 BOTTOM	1/2	3/4	1/2	1/2	X			X		

Dora Hawley 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design and Furnishings
129 East Fremont St.
Las Vegas, NV 89101
ATTN: Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No 2 **Date** 6/26/86
Reviewed By Jerry Riedel, P.E.
Date Examined 6/6/86

Project Golden Nugget Towers
Location 1st and Carson **Technician** Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR -GROUND	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
18M.6	1	1 1/2	1 3/8	1 3/4		X			X	
17M.6	1 3/4	2	1 3/4	1 3/4	X				X	
16M.6	1 3/4	2	1 3/4	1 3/4	X				X	
15M.6	1 3/4	2	1 3/4	1 3/4	X				X	
14M.6	2	2	2	1 3/4	X				X	
19M.6	2	2	2	1 3/4	X				X	
20M.6	1 3/4	2	1 3/4	1 3/4	X				X	
21M.6	1 3/4	2	1 3/4	1 3/4	X				X	
22M.6	1 3/4	2	1 3/4	1 3/4	X				X	
23M.6	1 3/4	2	1 3/4	1 3/4	X				X	
24M.6	1 3/4	2	1 3/4	1 3/4	X				X	
25M.6	1 3/4	2	1 3/4	1 3/4	X				X	
26M.6	1 1/8	1 1/2	1 3/8	1 3/4		X			X	
27M.6	1 7/8	2	1 7/8	1 3/4	X				X	
28M.6	1 7/8	2	1 7/8	1 3/4	X				X	
29M.6	1 7/8	2	1 7/8	1 3/4	X				X	

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design and Furnishings
129 East Fremont St.
Las Vegas, NV 89101
ATTN: Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 Date 6/26/86
Reviewed By Jerry Riedel, P.E.
Date Examined 6/6/86

Project Golden Nugget Towers
Location 1st and Carson Technician Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR-GROUND	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
1A	1 3/4	2	1 3/4	1 3/4	X				X	
3A	1 3/4	2	1 3/4	1 3/4	X				X	
5A	1 3/4	2	1 3/4	1 3/4	X				X	
6A	1 3/4	2	1 3/4	1 3/4	X				X	
8A	1 3/4	2	1 3/4	1 3/4	X				X	
10A	1 3/4	2 1/4	2	1 3/4	X				X	
11A	1 3/4	2 1/4	2	1 3/4	X				X	
12A	1 3/4	2	1 3/4	1 3/4	X				X	
13A	1 3/4	2	1 3/4	1 3/4	X				X	
14A	1 3/4	2	1 3/4	1 3/4	X				X	
15A	1 3/4	2	1 3/4	1 3/4	X				X	
16A	1 3/4	2 1/4	2	1 3/4	X				X	
17A	1 3/4	2 1/4	2	1 3/4	X				X	
18A	1 3/4	2 1/4	2	1 3/4	X				X	
19A	1 3/4	2 1/4	2	1 3/4	X				X	
20A	1 3/4	2	1 3/4	1 3/4	X				X	
20A.5	1 3/4	2	1 3/4	1 3/4	X				X	
23A.5	1 3/4	2 1/4	1 3/4	1 3/4	X		X		X	
24A.5	1 3/4	2 1/4	1 3/4	1 3/4	X		X		X	
25A.5	1 3/4	2	1 3/4	1 3/4	X		X		X	

Dona Hawks 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design and Furnishings
129 East Fremont St.
Las Vegas, NV 89101
ATTN: Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 **Date** 6/20/86
Reviewed By Jerry Riedel, P.E.
Date Examined 6/6/86

Project Golden Nugget Towers
Location 1st and Carson **Technician** Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR -GROUND	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
1A-1B	3/4	1	3/4	3/4	X			X		
3A-3B	3/4	1 1/4	1	3/4	X			X		
5A-5B	3/4	1 1/4	1	3/4	X			X		
6A-6B	3/4	1	3/4	3/4	X			X		
10A-10B	3/4	1	3/4	3/4	X			X		
11A-11B	3/4	1	3/4	3/4	X			X		
12A-12B	3/4	1	1	3/4	X			X		
13A-13B	3/4	1 1/4	1	3/4	X			X		
14A-14B	3/4	1 1/4	1	3/4	X			X		
15A-15B	3/4	1	3/4	3/4	X			X		
16A-16B	3/4	1	3/4	3/4	X			X		
17A-17B	3/4	1	3/4	3/4	X			X		
18A-18B	3/4	1	3/4	3/4	X			X		
19A-19B	3/4	1 1/4	1	3/4	X			X		
20A-20B	3/4	1 1/4	1	3/4	X			X		
24A.5-24E	3/4	1 1/4	3/4	3/4	X		X	X		
25A.5-25E	3/4	1	3/4	3/4	X		X	X		
26A.5-26E	3/4	1	3/4	3/4	X		X	X		

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design and Furnishings
129 East Fremont St.
Las Vegas, NV 89101
ATTN: Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 Date 6/26/86
Reviewed By Jerry Riedel, P.E.
Date Examined 6/6/86

Project Golden Nugget Towers
Location 1st and Carson Technician Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR-GROUND	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN-PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
1A-3A	1/2	1	3/4	1/2	X			X		
1B-3B	1/2	1	3/4	1/2	X			X		
3A-5A	1/2	1	3/4	1/2	X			X		
3B-5B	1/2	1	3/4	1/2	X			X		
5B-6B	1/2	1	3/4	1/2	X			X		
5A-6A	1/2	1	3/4	1/2	X			X		
6A-8A	1/2	1	3/4	1/2	X			X		
8A-10A	1/2	1	3/4	1/2	X			X		
10A-11A	1/2	1	3/4	1/2	X			X		
10B-11B	1/2	1	3/4	1/2	X			X		
11A-12A	1/2	1	3/4	1/2	X			X		
11B-12B	1/2	1	3/4	1/2	X			X		
12A-13A	1/2	1	3/4	1/2	X			X		
12B-13B	1/2	1	3/4	1/2	X			X		
13A-14A	1/2	1	3/4	1/2	X			X		
13B-14B	1/2	1	3/4	1/2	X			X		
14A-15A	1/2	1	3/4	1/2	X			X		
15B-14B	1/2	1	3/4	1/2	X			X		
15A-16A	1/2	1	3/4	1/2	X			X		
16B-15B	1/2	1	3/4	1/2	X			X		

Dona Hovik 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design and Furnishings
129 East Fremont St.
Las Vegas, NV 89101
ATTN: Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 Date 6/26/86
Reviewed By Jerry Riedel, P.E.
Date Examined 6/6/86

Project Golden Nugget Towers
Location 1st and Carson Technician Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR-GROUND	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
16A-17A	1/2	1	3/4	1/2	X			X		
16B-17B	1/2	1	3/4	1/2	X			X		
17A-18A	1/2	1	3/4	1/2	X			X		
18B-17B	1/2	1	3/4	1/2	X			X		
18A-19A	1/2	1	3/4	1/2	X			X		
18B-19B	1/2	1	3/4	1/2	X			X		
19A-20A	1/2	1	3/4	1/2	X			X		
19B-20B	1/2	1	3/4	1/2	X			X		
1A.5-3A.5	1/2	1	3/4	1/2	X			X		
3A.5-5A.5	1/2	1	3/4	1/2	X			X		
6A.5-5A.5	1/2	1	3/4	1/2	X			X		
10A.5-11A.5	1/2	1	3/4	1/2	X			X		
11A.5-12A.5	1/2	1	3/4	1/2	X			X		
12A.5-13A.5	1/2	1	3/4	1/2	X			X		
13A.5-14A.5	1/2	1	3/4	1/2	X			X		
14A.5-15A.5	1/2	1	3/4	1/2	X			X		
15A.5-16A.5	1/2	1	3/4	1/2	X			X		
16A.5-17A.5	1/2	1	3/4	1/2	X			X		
17A.5-18A.5	1/2	1	3/4	1/2	X			X		
18A.5-19A.5	1/2	1	3/4	1/2	X			X		
19A.5-20A.5	1/2	1	3/4	1/2	X			X		

Dona Hoole 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design and Furnishings
129 East Fremont St.
Las Vegas, NV 89101
ATTN: Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 Date 6/26/86
Reviewed By Jerry Riedel, P.E.
Date Examined 6/6/86

Project Golden Nugget Towers
Location 1st and Carson
Technician Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR-GROUND	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
21A.5 to 22A.5	1	1 1/4	1	3/4	X			X		
22A.5 to 23A.5	1	1 1/4	1	3/4	X			X		
23A.5 to 24A.5	3/4	1	3/4	3/4	X			X		
24A.5 to 25A.5	3/4	1	3/4	3/4	X			X		
25A.5 to 26A.5	3/4	1 3/4	1	3/4	X			X		
26A.5 to 27A.5	3/4	1	1	3/4	X			X		
27A.5 to 28A.5	3/4	1	3/4	3/4	X			X		
28A.5 to 29A.5	1	1 1/4	1	3/4	X			X		
29A.5 to 30A.5	3/4	1	3/4	3/4	X			X		

Dona Hoech 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design and Furnishings
129 East Fremont St.
Las Vegas, NV 89101
ATTN: Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 Date 6/26/86
Reviewed By Jerry Riedel, P.E.
Date Examined 6/6/86

Project Golden Nugget Towers
Location 1st and Carson Technician Jeff Glagola/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR-GROUND	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
21A.5	1 3/4	2	1 3/4	1 3/4	X				X	
23A.5	1 1/8	2	1 1/4	1 3/4		X			X	
24A.5	1 1/8	2	1 1/4	1 3/4		X			X	
25A.5	1	1 7/8	1 1/8	1 3/4		X			X	
26A.5	1 3/4	1 7/8	1 3/4	1 3/4	X				X	
27A.5	1 3/4	1 7/8	1 3/4	1 3/4	X				X	
28A.5	1 3/4	2	1 3/4	1 3/4	X				X	
29A.5	1 3/4	2	1 3/4	1 3/4	X				X	
21A.5 to 21E	3/4	1	3/4	3/4	X			X		
22A.5 to 22E	3/4	1	3/4	1	X			X		
23A.5 to 23E	3/4	1	3/4	3/4	X			X		
24A.5 to 24E	1/4	1	3/4	3/4		X		X		
25A.5 to 25E	0	3/4	3/4	3/4		X		X		
26A.5 to 26E	0	3/4	3/4	3/4		X		X		
27A.5 to 27E	3/4	1	3/4	3/4	X			X		
28A.5 to 28E	3/4	1	3/4	3/4	X			X		
29A.5 to 29E	3/4	1	3/4	3/4	X			X		
30A.5 to 30E	3/4	1	3/4	3/4	X			X		

Dona Hoiels 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishing
129 E. Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 3 Date 08-26-86
Reviewed By J. Riedel
Date Examined 08-21-86

Project Golden Nugget Tower
Location 3rd & Bridger Technician Jeff Glagola
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
G1-L1	3/4	3/4	3/4	3/4	X			X		
To	3/4	1	1	3/4	X			X		
	3/4	1	1	3/4	X			X		
	3/4	1	1	3/4	X			X		
	3/4	1	1	3/4	X			X		
	3/4	3/4	3/4	3/4	X			X		
From	3/4	3/4	3/4	3/4	X			X		
G9-L9	3/4	3/4	3/4	3/4	X			X		
G9-G13	3/4	3/4	3/4	3/4	X			X		
To	3/4	3/4	3/4	3/4	X			X		
	3/4	3/4	3/4	3/4	X			X		
	3/4	3/4	3/4	3/4	X			X		
	3/4	1	1	3/4	X			X		
	3/4	1	1	3/4	X			X		
	3/4	3/4	3/4	3/4	X			X		
From	3/4	3/4	3/4	3/4	X			X		
P9-P13	3/4	3/4	3/4	3/4	X			X		

GB Client (1) Sierra Construction (1) Martin & Assoc. (1)
Atlandia Design & Furnishings, Attn: Joel Bergman A.I.A
City of Las Vegas (1) Jobsite

Dona Hoeb 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishing
129 E. Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 3 **Date** 08-26-86
Reviewed By J. Riedel
Date Examined 08-21-86

Project Golden Nugget Towers
Location 3rd & Bridger **Technician** Jeff Glagola
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR - ground		MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
P11		1 3/4	2	1 3/4	1 3/4	X				X	
P12		1 3/4	2	1 3/4	1 3/4	X				X	
P13		1 3/4	2	1 3/4	1 3/4	X				X	
L1-L9	Main	1 1/4	1 3/8	1 1/4	1 1/4	X			X		
G1-G9	Main	1 1/4	1 3/8	1 1/4	1 1/4	X			X		
G9-P9	Main	1 1/4	1 3/8	1 1/4	1 1/4	X			X		
G13-P13	Main	1 1/4	1 3/8	1 1/4	1 1/4	X			X		

GB Client (1) Sierra Construction (1) Martin & Assoc. (1)
Atlandia Design & Furnishings, Attn: Joel Bergman A.I.A.
City of Las Vegas (1) Jobsite

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab. Invoice No.
Report No. 4 **Date** 09-04-86
Reviewed By
Date Examined 08-29-86

Project Golden Nugget Tower
Location 3rd & Clark **Technician** Jeff Glaqola
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
First Floor - West	1 1/8	1 1/2	1 3/8	1 1/8	X				X	
First Floor - East	1 1/8	1 1/2	1 3/8	1 1/8	X				X	
Second Floor - West	1 1/8	1 3/8	1 1/4	1 1/8	X				X	
Second Floor - East	1 1/8	1 3/8	1 1/4	1 1/8	X				X	
Third Floor - West	1 1/8	1 3/8	1 1/4	1 1/8	X				X	
Third Floor - East	1 1/8	1 3/8	1 1/4	1 1/8	X				X	
Fourth Floor - West	1 1/8	1 3/8	1 1/8	1 1/8	X				X	
Fourth Floor - East	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Fifth Floor - West	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Fifth Floor - East	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Sixth Floor - West	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Sixth Floor - East	1 1/8	1 1/8	1 1/8	1 1/8	X				X	
Seventh Floor - West	1 1/8	1 1/8	1 1/8	1 1/8	X				X	
Seventh Floor - East	1 1/8	1 1/8	1 1/8	1 1/8	X				X	
Eighth Floor - West	1 1/8	1 1/8	1 1/8	1 1/8	X				X	
Eighth Floor - East	1 1/8	1 1/8	1 1/8	1 1/8	X				X	
Ninth Floor - West	1 1/8	1 1/8	1 1/8	1 1/8	X				X	
Ninth Floor - East	1 1/8	1 1/8	1 1/8	1 1/8	X				X	
Tenth Floor - West	1 1/8	1 1/8	1 1/8	1 1/8	X				X	
Tenth Floor - East	1 1/8	1 1/8	1 1/8	1 1/8	X				X	

Copies: Martin & Associates (1) Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1)
Sierra Construction (1) City of Las Vegas (1) Jobsite

Donna Howell 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

September 16, 1986

Mr. Bob Spinelli

Regarding: Atlandia
Golden Nugget Tower
Fireproofing #3 Tower -- N. Stairway

On August 27, 1986 Bob Spinelli asked me if it was possible to spray the areas needed on the Stairway with the outside panels in place. I then proceeded to look into the problem with Jeff Glagola (WTI) and Marty Sibella (Sierra). The attached copies of Daily Logs will give you a more in-depth understanding of events that have taken place.

As of this date the outside panels have been put in place above the fireproofing. This will restrict the accessibility of the outside corners of the stairway's structural steel that needs fireproofing. For this reason it is my opinion that it might not meet job requirements.

Sincerely,

WESTERN TECHNOLOGIES INC.

K. Singh

Kishan Singh
Field Technician

elk

Dona Hosek 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

REVIEW OF JOBSITE CONDITIONS

Client Atlandia

Job No. 4145T182
Lab/Invoice No.
Date of Report 8-27-86
Reviewed By

Project GOLDEN NUGGET TOWER
Location 1st + Bridger
Report By K. Singh Date 8-27-86
Prime Contractor Sierra Const.
Superintendent MARTY Sibella / Doyle Rec.
Subject

PLACEMENT of 21st STORY DECK lines B-E From 1-12, TOTAL 126 yds³ cm2239 Lt. wt. Slumps RANGED FROM 5" TO 5½. PLACEMENT OF 10th STORY DECK lines L-R From 2-9 TOTAL 120 yds³ cm 2239 Lt. wt. Slumps RANGED FROM 4½" TO 5½". Temp. 90° TO 95°. Pump BROKE down + CRANE BROKE DOWN. Switched out the pump, But kept concrete TRUCKS on SAME schedule 10 MIN APART.

TALKED w/ BOB SPINELLIE w/ATLANTIA ABOUT FIREPROOFING on N. STAIRWAY TOWER #3. BOB ASKED IF the FIREPROOFING could Still BE CHECKED w/ the outside PANELS IN PLACE. HE ALSO ASKED IF I would LOOK IN to it. I CHECKED the STAIR WAY + the only problem I FOUND was at the CORNERS where the PANELS MEET. THE METAL STUDS of the PANEL RESTRICT the ACCESS to the out side of COLUMN. TALKED w/ MARTY (SIERRA) ABOUT the problem, HE said the FIRE proofers said. HE could spray w/ the PANELS on + get the coverage NEEDED on the STRUCTURAL STEEL. FIREPROOFERS were NOT AVAILABLE at HIS time. I will TALK with them the NEXT time they are Here. All INFORMATION was RELAYED BACK TO BOB ATLANTIA

Copies to: K. Singh

Dona Hawley 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

REVIEW OF JOBSITE CONDITIONS

Client ATLANTIS

Job No. 4145J182
Lab/Invoice No.
Date of Report 9-15-86
Reviewed By

Project GOLDEN NUGGET TOWER
Location 1st & Bridger
Report By K. Singh Date 9-15-86
Prime Contractor SIERRA CONST.
Superintendent MARTY Sibella / Doyle Paul
Subject

PLACEMENT of 13th STORY DECK #4 TOWER Lines A-2 From 2-9. TOTAL 100 yds³ cm 2239 Lt. Wt. Slumps RANGED from 4½" TO 5½. MASONRY on 13th Floor #4 TOWER Lines L-R From 2-9.

TALKED W/ FIRE PROOFERS About stairway on #3 TOWER N. Side. I TOLD him About a possible problem W/ the metal studs of the PANELS being IN the WAY, so they might not be Able to spray outside CORNERS of the STAIRWAY. HE said He would go up & TAKE A LOOK & GET BACK W/ ME @ the END of the DAY or tomorrow MORNING. I ALSO ASKED him IF they said they could FIRE PROOF W/ PANELS IN PLACE. He said No But that the other CREW that was here Before him. might HAVE said something.

Copies to: K. Singh

Dona Hosely 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

REVIEW OF JOBSITE CONDITIONS

Client ATLANTIS

Job No. 4145J182
Lab/Invoice No.
Date of Report 9-16-86
Reviewed By

Project GOLDEN NUGGET TOWER
Location 1st + Bridger
Report By K. Singh Date 9-16-86
Prime Contractor SIERRA CONST
Superintendent MARTY Sibella / Doug Ross
Subject

TALKED W/ FIREPROOFERS ABOUT N. STAIRWAY #3 TOWER. He said that the metal studs were in the way, But that He could SEAL it OFF By spraying From the BACK of PANEL ACROSS the metal stud To the column. I said I would HAVE to get BACK to him to SEE IF it was OK W/ the ENGRS.

Copies to:

Dona Hoiels 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No 5. **Date** 09-17-86
Reviewed By
Date Examined

Project Golden Nugget Towers
Location 3rd & Bridger **Technician** Jeff Glagola

Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR - 2nd Floor	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
12.7 T	1 3/4	2	1 7/8	1 3/4	X				X	
12.7 U	1 3/4	2	1 7/8	1 3/4	X				X	
12.7 V	1 3/4	2	1 7/8	1 3/4	X				X	
13-M.3	1 3/4	2	1 7/8	1 3/4	X				X	
12 P	1 3/4	2	1 7/8	1 3/4	X				X	
11 P	1 3/4	2	1 7/8	1 3/4	X				X	
9S.5-12.7S.5	1/2	3/4	5/8	1/2	X			X		
From	I/2	3/4	5/8	1/2	X			X		
	1/2	3/4	5/8	1/2	X			X		
	1/2	3/4	5/8	1/2	X			X		
	1/2	3/4	5/8	1/2	X			X		
To	1/2	3/4	5/8	1/2	X			X		
9V.5-12.7V.5	1/2	3/4	5/8	1/2	X			X		
9P-9W-Main	3/4	1	7/8	3/4	X			X		
12.7P-12.7W-Main	3/4	1	7/8	3/4	X			X		

Copies: Client (1) Sierra Construction (1) Martin & Associates (1)
Atlandia Design: Attn, Joel Bergman A.I.A. City of Las Vegas (1) Jobsite

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 5 **Date** 09-16-86
Reviewed By
Date Examined

Project Golden Nugget Towers
Location 3rd & Bridger **Technician** Jeff Glagola
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR - 2nd Floor	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	Brace
12.7 T	1 3/4	2	1 3/4	1 3/4	X				X	
12.7 U'	1 3/4	2	1 3/4	1 3/4	X				X	
12.7 V	1 3/4	2	1 3/4	1 3/4	X				X	
13M.3	1 3/4	1 7/8	1 3/4	1 3/4	X				X	
12 P	1 3/4	1 7/8	1 3/4	1 3/4	X				X	
11 P	1 3/4	1 7/8	1 3/4	1 3/4	X				X	
9S.5-12.7S.5	1/2	5/8	1/2	1/2	X			X		
From	1/2	5/8	1/2	1/2	X			X		
	1/2	3/4	1/2	1/2	X			X		
	1/2	3/4	1/2	1/2	X			X		
	1/2	5/8	1/2	1/2	X			X		
To	1/2	5/8	1/2	1/2	X			X		
9V.5-12.7V.5	1/2	5/8	1/2	1/2	X			X		
9P-9W-Main	3/4	1	3/4	3/4	X			X		
12.7P-12.7W-Main	3/4	1	3/4	3/4	X			X		

Copies: Client (1) Sierra Construction (1) Martin & Associates (1)
Atlandia Design: Attn; Joel Bergman A.I.A. City of Las Vegas (1) Jobsite

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, Nevada 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 1 **Date** 10-01-86
Reviewed By Mark Owens
Date Examined 9-30-86

Project Golden Nugget Tower
Location 1st & Bridger **Technician** K. Singh/WT
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
North Stairwell Tower #3										
19th Floor, West (1)	- 1 1/8	1 1/4	1 1/2	1 1/8	X		X		X	
19th Floor, East (2)	1 1/8	1 1/4	1 1/2	1 1/8	X		X		X	
20th Floor, West (1)	1 1/8	1 1/4	1 1/2	1 1/8	X		X		X	
20th Floor, East (2)	1 1/8	1 1/4	1 1/2	1 1/8	X		X		X	
21st Floor, West (1)	1 1/8	1 1/4	1 1/2	1 1/8	X		X		X	
21st Floor, East (2)	1 1/8	1 1/4	1 1/2	1 1/8	X		X		X	
22nd Floor, West (1)	1 1/8	1 1/4	1 1/2	1 1/8	X				X	
22nd Floor, East (2)	1 1/8	1 1/4	1 1/2	1 1/8	X				X	

NOTE: (1) West & North sides of column inaccessible for measurement.
(2) East & North sides of column inaccessible for measurement.

Dona Hirsch 1-5-88

CITY of LAS VEGAS, DIVISION of BUILDING and SAFETY

INFORMATION INSPECTION RECORD

JOB Golden Nugget (Tower 3-)

ADDRESS 129 E. Fremont St.

DATE

INSPECTOR Roger B. Ford

TYPE OF INSPECTION

The following records are for Tower 3

ACTION REQUIRED

REMARKS/INFORMATION

SIGNATURE

Dona Wells - 1-5-88

SIERRA CONSTRUCTION CORP.

Towers Record 3

5255 SOUTH VALLEY VIEW BLVD. (89118)
AREA CODE 702-739-1991
LAS VEGAS, NEVADA
POST OFFICE BOX 14306 (89114)

PROJECT GNLV - New Tower

FILE 250.375/A19/A15/M-10

TO Stocks Mill & Supply Co., Inc.
P.O. Box 26449 - Garside Station
Las Vegas, Nevada 89126

DATE May 8, 1986

ATTN

SUBMITTAL NO.
(IN REPLY PLEASE REFER TO SUBMITTAL NO.)

WE ARE TRANSMITTING HEREWITH FOR YOUR

( ) APPROVAL ( ) FILE (XX) ACTION ( ) SELECTION ( ) REFERENCE

ITEM	COPIES	DESCRIPTION
1.	1	Your Mix Design CM2239 4000 psi Lightweight with 5" slump, APPROVED as Noted.

REMARKS OR SPECIAL NOTES

SENT BY
FIRST CLASS MAIL (XX)
EXPRESS MAIL ( )
SPECIAL DELIVERY ( )
UNITED PARCEL SERVICE ( )
FEDERAL EXPRESS ( )
AIRLINE SERVICE ( )
GREYHOUND BUS ( )
UNDER SEPARATE COVER ( )
PICKED UP ( )
HAND CARRIED ( )
JWK:gjc

r/kr

VERY TRULY YOURS,

SIERRA CONSTRUCTION CORP.

Jerry Koerwitz

cc: Marty Sibella, SCC-FO*
Bill Koerwitz*
City Inspector*

* W/Copy

Ron Hall 1-5-88

WESTERN TECHNOLOGIES INC.

[illegible] Invoice No. 41[illegible]

LIGHTWEIGHT CONCRETE MIX DESIGN: CM 2239

4000 PSI, 115 PCF – 28 Days Air Dried; 3/4" Maximum Aggregate; Air Entrained
Cement Type II; 7.0 Sacks; Water 5 Gals/Sack; W/C = 0.44

Requested By: Sparks Mill & Supply Date: January 5, 19[illegible]

Source of Material: Fine Aggregate – Rhyolite – Trideca, Las Vegas
Coarse Aggregate – Rhyolite – Trideca, Las Vegas
Fly Ash – Western Ash Co. / North Colo. Class F

SIEVE ANALYSIS: S.G. & F.M.: DATED: October 1983

PERCENT PASSING U.S. STANDARD SIEVE

Sieve Size	Fine Aggregate	Coarse Aggregate
1"		100
3/4"		94
1/2"		77
3/8"	100	59
No. 4	98	21
No. 8	82	10
No. 16	65	
No. 30	50	
No. 50	37	
No. 100	24	
No. 200	15.1	
F.M.:	2.45	
S.G. (Dry):	2.17	1.85
Absorption, %:	2.8	7.5

MAY 8 1986

MIX DESIGN FOR ONE CUBIC YARD OF CONCRETE:

Absolute Volume of Aggregate in One Cubic Yard:	Sacks Cement:	7.0
	Cubic Feet:	17.353
Weight of Aggregate in One Cubic Yard Batch:	Pounds:	2175

	Percent	Computed Batch Wts (lbs)	Absolute Volume Cu. Ft.
W.C. Sand (loose dry, 78 PCF)	50	1175	8.677
Rhyolite Coarse Agg (loose dry, 68 PCF)	50	1000	9.675
Absorption Water = 13 Gals		108	---
Active Water: 5.0 Gals/Sack = 35.0 Gals		292	4.679
Cement: 7.0 Sacks/cu.yd., Type II		658	3.348
Entrained Air: 6%		---	1.620
Slump: 5"		Total:	27.000

Admixture: Master Builder's Pozzolith 322N; [illegible]
6.0 fl.oz./100 lbs cement. And MBAE 90
0.75 fl.oz./100 lbs. cement.

Respectfully Submitted,

WESTERN TECHNOLOGIES, INC.

By: [illegible]

RECEIVED
MAY 08 1986
SIERRA CONSTRUCTION CORP.

GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design intent of the Contract Documents in accordance with Article 4.12 "Shop Drawings, Product Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and Civil Authority requirements must be met.

[X] APPROVED AS NOTED — RESUBMISSION NOT REQUIRED
[ ] NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT
[ ] REJECTED — DO NOT RESUBMIT

BY JDBA DISCIPLINE STRUCT

DATE 5-8-86

MARTIN & ASSOCIATES
1981 RANCHO DRIVE S. LAS VEGAS, NV 89106

Dona Hovels 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

Lab/Invoice No: 41440018

LIGHTWEIGHT CONCRETE MIX DESIGN: CM 2239

4000 PSI, 115 PCF - 28 Days Air Dried; 3/4" Maximum Aggregate; Air Entrained
Cement Type II; 7.0 Sacks; Water 5 Gals/Sack; W/C = 0.44

GOLDEN NUGGET TOWER STRUCTURAL SLABS, BEAMS AND PRECAST SLABS

Requested By: Stocks Mill & Supply

Source of Material: Fine Aggregate - Rhyolite - Tridelta, Las Vegas
Coarse Aggregate - Rhyolite - Tridelta, Las Vegas
Fly Ash - Western Ash Co., ASTM C618, Class F

SIEVE ANALYSIS: S.G. & F.M.: DATED: October 1983

PERCENT PASSING U.S. STANDARD SIEVE

Sieve Size	Fine Aggregate	Coarse Aggregate
1"		100
3/4"		94
1/2"		77
3/8"	100	59
No. 4	98	21
No. 8	82	10
No. 16	65	
No. 30	50	
No. 50	37	
No. 100	24	
No. 200	15.1	
F.M.:	2.45	
S.G. (Dry):	2.17	1.85
Absorption, %	2.8	7.5

RECEIVED
NOV 20 1985
GENERAL CONTRACTOR
SIERRA
CONSTRUCTION CORP.

MIX DESIGN FOR ONE CUBIC YARD OF CONCRETE:
Absolute Volume of Aggregate in One Cubic Yard: Sacks Cement: 7.0
Weight of Aggregate in One Cubic Yard Batch: Cubic Feet: 17.353
Pounds: 2175

	Percent	Computed Batch Wts (lbs)	Absolute Volume Cu. Ft.
W.C. Sand (loose dry, 78 PCF)	50	1175	8.677
Rhyolite Coarse Agg (loose dry, 68 PCF)	50	1000	8.675
Absorption Water = 13 Gals		108	
Active Water: 5.0 Gals/Sack = 35.0 Gals		292	4.679
Cement: 7.0 Sacks/cu.yd., Type II		658	3.348
Entrained Air: 6%			1.620
		Total	27.000

Slump: 4"

Admixture: Master Builder's Pozzolith 322N;
6.0 fl.oz./100 lbs cement. And MBAE-10;
0.75 fl.oz./100 lbs. cement.

Respectfully Submitted,
WESTERN TECHNOLOGIES, INC.

By: Kulwant S. Sahi
Kulwant S. Sahi, E.I.T.

[redacted] - 250.374/.375/A20S
CSI No. 3 (G)

Pour Level 5788

C

GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design intent of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Product Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and Civil Authority requirements must be met.

☒ APPROVED AS NOTED — RESUBMISSION NOT REQUIRED
☐ NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT
☐ REJECTED — DO NOT RESUBMIT

BY DSP DISCIPLINE STRUCTURAL

DATE 11-25-85

MARTIN & ASSOCIATES
1001 RANCHO DRIVE S., LAS VEGAS, NV 89114

Dona Hovely 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-04-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Spa Roof, Pool Area

MIX DESIGN: CM 2239

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 67

TICKET NO.: 50519

TEMPERATURE - AIR, °F: 52

SLUMP - INCHES: 4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	60A	60B	60C		
UNIT WEIGHT, PCF	119.03	113.83			
DATE CAST	02-04-86	02-04-86	02-04-86		
DATE TESTED	02-11-86	03-04-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-12-86	03-04-86	03-04-86		
ULTIMATE LOAD - LBS.	106000	148000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3750	5240			

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Hewitt - 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-07-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Second Floor Slab

MIX DESIGN: CM 2239

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 64

TICKET NO.: 50857

TEMPERATURE - AIR, °F: 48

SLUMP - INCHES: 4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	65A	65B	65C		
UNIT WEIGHT, PCF	122.2	117.61			
DATE CAST	02-07-86	02-07-86	02-07-86		
DATE TESTED	02-14-86	03-07-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-17-86	03-07-86	03-07-86		
ULTIMATE LOAD - LBS.	125500	163000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4440	5770			

✓

Copies:
Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Doris Hawley 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-07-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Second Floor Slab

MIX DESIGN: CM 2239

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 64

TICKET NO.: 50857

TEMPERATURE - AIR, °F: 48

SLUMP - INCHES: 4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	65A	65B	65C		
UNIT WEIGHT, PCF	122.2				
DATE CAST	02-07-86	02-07-86	02-07-86		
DATE TESTED	02-14-86	03-07-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-17-86				
ULTIMATE LOAD - LBS.	125500				
COMPRESSIVE STRENGTH - PSI	4440				

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dora Hoels 4-5-86

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-07-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Second Floor Slab, Lines 1 To 13 From B To F

MIX DESIGN: CM 2239

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 64

TICKET NO.: 50866

TEMPERATURE - AIR, °F: 50

SLUMP - INCHES: 6

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	64A	64B	64C		
UNIT WEIGHT, PCF	120.2	115.15			
DATE CAST	02-07-86	02-07-86	02-07-86		
DATE TESTED	02-14-86	03-07-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-14-86	03-07-86	03-07-86		
ULTIMATE LOAD - LBS.	107500	152500	Discard RO		
COMPRESSIVE STRENGTH - PSI	3800	5390			

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Doris Hall 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-07-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Second Floor Slab, Lines 1 To 13 From B To F

MIX DESIGN: CM 2239

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 64

TICKET NO.: 50866

TEMPERATURE - AIR, °F: 50

SLUMP - INCHES: 6

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 x 12

COMMENTS: _____

SPECIMEN NO.	64A	64B	64C		
UNIT WEIGHT, PCF	120.2				
DATE CAST	02-07-86	02-07-86	02-07-86		
DATE TESTED	02-14-86	03-07-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-14-86				
ULTIMATE LOAD - LBS.	107500				
COMPRESSIVE STRENGTH - PSI	3800				

Copies: Client (1) mail
Atlandia Design; Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Pool Roof 1-5-86

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-12-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Pool House Roof

MIX DESIGN: 2239

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: II

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: J. Sorensen

TEMPERATURE - MIX, °F: 62

TICKET NO.: 51207

TEMPERATURE - AIR, °F: 56

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN-NO.	69A	69B	69C		
UNIT WEIGHT, PCF	122.32				
DATE CAST	02-12-86	02-12-86	02-12-86		
DATE TESTED	02-19-86	03-12-86	03-12-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-19-86				
ULTIMATE LOAD - LBS.	111000				
COMPRESSIVE STRENGTH - PSI	3930				

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Hardy 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-19-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Second Floor Slab, Lines E To K, From 21 To 30

MIX DESIGN: CM 2239

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 67

TICKET NO.: 51675

TEMPERATURE - AIR, °F: 57

SLUMP - INCHES: 6 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	79A	79B	79C		
UNIT WEIGHT, PCF	121.5.	116.85			
DATE CAST	02-19-86	02-19-86	02-19-86		
DATE TESTED	02-26-86	03-19-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-26-86	03-19-86	03-19-86		
ULTIMATE LOAD - LBS.	111500	153000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3940	5410			

Copies:
Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Doris Howell 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-19-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Second Floor Slab, Lines E To K, From 21 To 30

MIX DESIGN: CM 2239

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 67

TICKET NO.: 51675

TEMPERATURE - AIR, °F: 57

SLUMP - INCHES: 6 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	79A	79B	79C		
UNIT WEIGHT, PCF	121.5				
DATE CAST	02-19-86	02-19-86	02-19-86		
DATE TESTED	02-26-86	03-19-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-26-86				
ULTIMATE LOAD - LBS.	111500				
COMPRESSIVE STRENGTH - PSI	3940				

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

129 E. Fremont
SPEC REPORTS

Dona Hawk 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV, 89101

DATE: 02-19-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Second Floor Slab, Lines E To K, From 21 To 30

MIX DESIGN: CM 2239

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 69

TICKET NO.: 51687

TEMPERATURE - AIR, °F: 59

SLUMP - INCHES: 8

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: 7

SPECIMEN NO.	80A	80B	80C		
UNIT WEIGHT, PCF	121.2	116.41			
DATE CAST	02-19-86	02-19-86	02-19-86		
DATE TESTED	02-26-86	03-19-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-26-86	02-26-86	02-26-86		
ULTIMATE LOAD - LBS.	113500	Discard MD	Discard MD		
COMPRESSIVE STRENGTH - PSI	4020				

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Donna Hawks 7-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-19-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Second Floor Slab, Lines E To K, From 21 To 30

MIX DESIGN: CM 2239

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F.: 69

TICKET NO.: 51687

TEMPERATURE - AIR, °F: 59

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	80A	80B	80C		
UNIT WEIGHT, PCF	121.2				
DATE CAST	02-19-86	02-19-86	02-19-86		
DATE TESTED	02-26-86	03-19-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-26-86	02-26-86	02-26-86		
ULTIMATE LOAD - LBS.	113500	Discard MD	Discard MD		
COMPRESSIVE STRENGTH - PSI	4020				

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Hotel 1-5 PP

CUSTOMER'S NAME | DATE

DELIVERY ADDRESS

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
						52930

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
	YARDS	MIX AGGREG.		
			5=5%	
			OT=CTP	
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property lines. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS) ON THE JOB	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
			51		Ⓟ M

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME		
ARRIVAL TIME		
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hoiby 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-13-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Third Floor Slab, Lines B To E, From 1 To 8

MIX DESIGN: CM 2239

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE: 60# HE

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 67

TICKET NO.: 52930

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 5 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	104A	104B	104C		
UNIT WEIGHT, PCF	119.53	114.57			
DATE CAST	03-13-86	03-13-86	03-13-86		
DATE TESTED	03-20-86	04-10-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-20-86	04-11-86	04-11-86		
ULTIMATE LOAD - LBS.	102000	139000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3610	4920			

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-13-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Third Floor Slab, Lines B To E, From 1 To 8

MIX DESIGN: CM 2239

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE: 60% HE

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 67

TICKET NO.: 52930

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 5 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	104A	104B	104C		
UNIT WEIGHT, PCF	119.53				
DATE CAST	03-13-86	03-13-86	03-13-86		
DATE TESTED	03-20-86	04-10-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-20-86				
ULTIMATE LOAD - LBS.	102000				
COMPRESSIVE STRENGTH - PSI	3610				

Copies:
Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Donna Hoch 1-5-88

CUSTOMER'S NAME | DATE 1/5/88

DELIVERY ADDRESS 8816 Spanish Oaks Ct

LOAD NO. | ACCUM. YDS. | P.O.# | JOB NO. | CODE | A.M. / P.M. | DELIVERY RECEIPT No. 52922

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
11	YARDS	MIX 5=4¾ AGGREG. T=67°		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED, GALLONS ON THE JOB	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5"	— — —		71		

50 @ 19.20

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME		
ARRIVAL TIME	12	
TOTAL TIME ON JOB		
TIME IN		
TIME OUT		

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hoiel 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-13-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145d182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Third Floor Slab, Lines B To E, From 1 To 8

MIX DESIGN: CM 223

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 67

TICKET NO.: 52922

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 4 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	103A	103B	103C		
UNIT WEIGHT, PCF	119.83	114.55			
DATE CAST	03-13-86	03-13-86	03-13-86		
DATE TESTED	03-20-86	04-10-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-20-86	04-11-86	04-11-86		
ULTIMATE LOAD - LBS.	99000	141000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3500	4990			

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Hawley 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-13-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Third Floor Slab, Lines B To E, From 1 To 8

MIX DESIGN: CM 2239

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 67

TICKET NO.: 52922

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 4 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	103A	103B	103C		
UNIT WEIGHT, PCF	119.83				
DATE CAST	03-13-86	03-13-86	03-13-86		
DATE TESTED	03-20-86	04-10-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-20-86				
ULTIMATE LOAD - LBS.	99000				
COMPRESSIVE STRENGTH - PSI	3500				

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Down Hole 1-5-88

CUSTOMER COPY

CUSTOMERS NAME [illegible] DATE 5-13-86

DELIVERY ADDRESS Cold Nugget Rd Dn

[illegible] Blvd Down

LOAD NO	ACCUM YDS	P.O. #	JOB NO	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
1	10		345			52955

QUAN	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX 3/4" AGGREG Fact		
		$= 6½		
		10 @ HE = 67.50		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS) ON THE JOB	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
			3		[illegible]

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock Sand Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 870 6557

TIME	HOURS	MINUTES
DEPARTURE TIME		
ARRIVAL TIME	2	
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER HOUR / YARD FEE

Dona Hanks 4-88.

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483.

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-13-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Third Floor Slab, Lines B To E, From 1 To 8

MIX DESIGN: CM 2239

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE: 100 HE

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 67

TICKET NO.: 52955

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 6 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	105A	105B	105C		
UNIT WEIGHT, PCF	120.11	113.64			
DATE CAST	03-13-86	03-13-86	03-13-86		
DATE TESTED	03-20-86	04-10-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-20-86	04-11-86	04-11-86		
ULTIMATE LOAD - LBS.	90000	133000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3180	4700			

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Boca Hotel 1-85

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue,
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-13-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Third Floor Slab, Lines B To E, From 1 To 8

MIX DESIGN: CM 2239

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE: 100% HE

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 67

TICKET NO.: 52955

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 6 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	105A	105B	105C		
UNIT WEIGHT, PCF	120.11				
DATE CAST	03-13-86	03-13-86	03-13-86		
DATE TESTED	03-20-86	04-10-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-20-86				
ULTIMATE LOAD - LBS.	90000				
COMPRESSIVE STRENGTH - PSI	3180				

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Don Towle 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-20-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 3rd Floor, Area B @ Line E, Between 29 & 30

MIX DESIGN: CM 2239

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: D. Lord

TEMPERATURE - MIX, °F: 68

TICKET NO.: 53262

TEMPERATURE - AIR, °F: 69

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: Sample Taken Off Of First Truck

SPECIMEN NO.	113A	113B	113C		
UNIT WEIGHT, PCF	116.78				
DATE CAST	03-20-86	03-20-86	03-20-86		
DATE TESTED	03-27-86	04-17-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-27-86				
ULTIMATE LOAD - LBS.	101000				
COMPRESSIVE STRENGTH - PSI	3570				

Copies: Client (1) mail
Atlandia Design, Atn: Mr: Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dom. Hoiel 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-20-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 3rd Floor, Area B @ Line H, Between 26 & 27

MIX DESIGN: CM 2239

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Lord

TEMPERATURE - MIX, °F: 68

TICKET NO.: 53271

TEMPERATURE - AIR, °F: 70

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	114A	114B	114C		
UNIT WEIGHT, PCF	120.10	115.7			
DATE CAST	03-20-86	03-20-86	03-20-86		
DATE TESTED	03-27-86	04-17-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-27-86	04-17-86	04-17-86		
ULTIMATE LOAD - LBS.	112000	155000	Discard MD		
COMPRESSIVE STRENGTH - PSI	3970	5480			

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Hoisly 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-20-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 3rd Floor, Area B @ Line H, Between 26 & 27

MIX DESIGN: CM-2239

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Lord

TEMPERATURE - MIX, °F: 68

TICKET NO.: 53271

TEMPERATURE - AIR, °F: 70

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	114A	114B	114C		
UNIT WEIGHT, PCF	120.10				
DATE CAST	03-20-86	03-20-86	03-20-86		
DATE TESTED	03-27-86	04-17-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-27-86				
ULTIMATE LOAD - LBS.	112000				
COMPRESSIVE STRENGTH - PSI	3960				

Copies: Client (1) mail
Atlandia Design, Attn:, Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Hoch 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-20-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 3rd Floor, Area B @ Line E, Between 24 & 25

MIX DESIGN: CM 2239

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Lord

TEMPERATURE - MIX, °F: 69

TICKET NO.: 53281

TEMPERATURE - AIR, °F: 72

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	115A	115B	115C		
UNIT WEIGHT, PCF	116.57	112.5			
DATE CAST	03-20-86	03-20-86	03-20-86		
DATE TESTED	03-27-86	04-17-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-27-86	04-17-86	04-17-86		
ULTIMATE LOAD - LBS.	102000	132500	Discard MD		
COMPRESSIVE STRENGTH - PSI	3610	4690			

Copies:
Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Hawley 1-7-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-20-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 3rd Floor, Area B @ Line E, Between 24 & 25

MIX DESIGN: CM 2239

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Lord

TEMPERATURE - MIX, °F: 69

TICKET NO.: 53281

TEMPERATURE - AIR, °F: 72

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	115A	115B	115C		
UNIT WEIGHT, PCF	116.57				
DATE CAST	03-20-86	03-20-86	03-20-86		
DATE TESTED	03-27-86	04-17-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-27-86				
ULTIMATE LOAD - LBS.	102000				
COMPRESSIVE STRENGTH - PSI	3610				

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Howell 4-1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-20-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 3rd Floor, Area B @ Line E, Between 29 & 30

MIX DESIGN: CM 2239

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Lord

TEMPERATURE - MIX, °F: 68

TICKET NO.: 53262

TEMPERATURE - AIR, °F: 69

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: Sample Taken Off Of First Truck

SPECIMEN NO.	113A	113B	113C		
UNIT WEIGHT, PCF	116.78	111.4			
DATE CAST	03-20-86	03-20-86	03-20-86		
DATE TESTED	03-27-86	04-17-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-27-86	04-17-86	04-17-86		
ULTIMATE LOAD - LBS.	101000	132000	Discard MD		
COMPRESSIVE STRENGTH - PSI	3570	4670			

Copies:
Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Constfuction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Hotels 8' 1-5-88

CUSTOMERS NAME Lewis Const. DATE 3-28-86

DELIVERY ADDRESS Golden Nugget New

Exterior tower

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	AM/PM	DELIVERY RECEIPT No.
1	10		375	1		53813

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX AGGREG.		
		Slump = 6"		
		@ 78		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
	— — —		76	Wayne	

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 28429
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

	HOURS	MINUTES
DEPARTURE TIME		
ARRIVAL TIME	10	00
TOTAL TIME ON JOB		

TIME IN:

TIME OUT:

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dora Hawks 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 03-28-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Second Floor Slab, Lines E To K, From 18.5 To 22.5
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 53813
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 75
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By J. Glagola Date 03-28-86
Time in Mixer 0 hrs. 50 min.
Submitted By J. Glagola Date 03-31-86
Water Added on Job, gal. 0
Authorized By Marty Date 03-28-86
Test Procedure
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
122A	04-04-86	7	101000	3570		119.84	RO
122B	04-25-86	28	145000	5130		116.14	MD
122C		Hold		Discard			MD

Copies to Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Rona Hawks 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 03-28-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Second Floor Slab, Lines E To K, From 18.5 To 22.5
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 53813
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 75
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By J. Glagola Date 03-28-86
Time in Mixer 0 hrs. 50 min.
Submitted By J. Glagola Date 03-31-86
Water Added on Job, gal. 0
Authorized By Marty Date 03-28-86
Test Procedure
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
122A	04-04-86	7	101000	3570		119.84	RO
122B	04-25-86	28					
122C		Hold					

Copies to Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dora Hoch 1-5-88

CUSTOMERS NAME [illegible] DATE 3 31 86

DELIVERY ADDRESS [illegible]

LOAD NO	ACCUM. YDS	P.O.#	JOB NO	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
	7 1/2			1		53929

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
7½	YARDS	MIX 470-3 3/4 AGGREG. 1 1/2		
		S-5"		
		CT-74°		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates but the Company assumes no responsibility for damages inside curb or property line. Claim for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED GALLONS ON THE JOB	TOTAL GALS	TRUCK NO	DRIVER	RECEIVED & ACCEPTED BY
	— — —		76	[illegible]	

CUSTOMER COPY

STOCKS SAND & GRAVEL COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME		
ARRIVAL TIME	7	27
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES $15 PER CUBIC YARD FREE

Dona Hovely 4-5-86

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 03-31-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Second Floor Slab, Lines 13 To 18, From E To K
Material Supplier: Stocks Mill & Supply.
Measured Slump, in.: 5
Ticket Number: 53929
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 72
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: J. Glagola Date: 03-31-86
Time in Mixer: 0 hrs. 52 min.
Submitted By: J. Glagola Date: 04-01-86
Water Added on Job, gal.: 3
Authorized By: Marty Date: 03-31-86
Test Procedure:
Remarks:

Specimen Marking, If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force.	psi			
123A	04-07-86	7	95500	3380	yield	121.04	MD
123B	04-28-86	28	139500	4930		116.80	MD
123C		Hold		Discard			MD

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hosley 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 03-31-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Second Floor Slab, Lines 13 To 18, From E To K
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 53929
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 72
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: J. Glagola Date: 03-31-86
Time in Mixer: 0 hrs. 52 min.
Submitted By: J. Glagola Date: 04-01-86
Water Added on Job, gal.: 3
Authorized By: Marty Date: 03-31-86
Test Procedure:
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
123A	04-07-86	7	95500	3380	yield	121.04	MD
123B	04-28-86	28					
123C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dora Hirsh 1-5-88

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-03-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer Martin, Peltyn & Associates
Source of Sample 2nd Story Deck, Lines A To C; From 17 To 18, Total Area Of Placement, Lines *
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 54087
Measured Air Content, % Not Measured
Batch Size cu. yds. 10 yards^3
Ambient Air Temperature, °F 58
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 04-03-86
Time in Mixer hrs. 45 min.
Submitted By
Date
Water Added on Job, gal. 8
Authorized By
Date
Test Procedure ASTM C39-83B

Remarks: *A To C.6, From 12.5 To 20

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
127A	04-10-86	7	81000	2870		116.14	RO
127B	05-01-86	28	125000	4420		111.13	RO
127C		Hold.		Discard			RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hawley 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-03-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer Martin, Peltyn & Associates
Source of Sample 2nd Story Deck, Lines A To C, From 17 To 18, Total Area Of Placement, Lines *
Material Supplier Stocks Mrll & Supply
Measured Slump, in. 5 1/2
Ticket Number 54087
Measured Air Content, % Not Measured
Batch Size cu. yds. 10 yards^3
Ambient Air Temperature, °F 58
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 04-03-86
Time in Mixer hrs. 45 min.
Submitted By
Date
Water Added on Job, gal. 8
Authorized By
Date
Test Procedure ASTM C39-83B

Remarks: *A To C.6, From 12.5 To 20

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
127A	04-10-86	7	81000	2870		116.14	RO
127B	05-01-86	28					
127C		Hold					

Copies to Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hawley 1-5-88

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182

Lab./Invoice No.

Date of Report 04-03-86

Project Golden Nugget Tower

Location 1st & Bridger

Contractor Sierra Construction

Architect/Engineer Martin, Peltyn & Associates

Source of Sample 2nd Story Deck, Lines B To C.6, From 13 To 14, Total Area Of Placement, Lines *

Material Supplier Stocks Mill & Supply

Measured Slump, in. 4 1/2

Ticket Number 54128

Measured Air Content, % Not Measured

Batch Size cu. yds. 10 yards^3

Ambient Air Temperature, °F 66

Mix Identification CM 2239

No. of Specimens Molded 60

Design Strength, psi 4000 / 28 days

Size of Specimens 6 X 12

Max. Size Aggregate, in. 3/4

Sampled By K. Singh Date 04-03-86

Time in Mixer 1 hrs. 0 min.

Submitted By Date

Water Added on Job, gal. 5

Authorized By Date

Test Procedure ASTM C39-83B

Remarks: *A To C.6, From 12.5 To 20

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
128A	04-10-86	7	78000	2760		115.85	RO
128B	05-01-86	28	118000	4170		110.85	RO
128C		Hold		Discard			RO

Copies to Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hosek 1 RP

CUSTOMERS NAME | DATE

DELIVERY ADDRESS

LOAD NO. | ACCUM. YDS. | P.O. # | JOB NO. | CODE | ___A.M. ___P.M. | DELIVERY RECEIPT No. 54226

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
	YARDS	MIX _____ AGGREG. _____		
		slump 5½		
		PGT-70°		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

Second floor liner pick from 3 to 32

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP | WATER ADDED (GALLONS) ON THE JOB | TOTAL GALS. | TRUCK NO. | DRIVER | RECEIVED & ACCEPTED BY

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock • Sand • Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 28449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME		
ARRIVAL TIME		
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hoesh 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. _____
Date of Report 04-04-86

Project: Golden Nugget Tower
Location: 1st & Fridger
Contractor: Sierra Construction
Architect/Engineer: _____
Source of Sample: Second Floor Slab, Lines K To E, From 30 To 32
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 54226
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 8
Ambient Air Temperature, °F: 70
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: J. Glagola Date: 04-04-86
Time in Mixer: 2 hrs. 0 min.
Submitted By: J. Glagola Date: 04-04-86
Water Added on Job, gal.: _____
Authorized By: Marty Date: 04-04-86
Test Procedure: _____
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
131A	04-11-86	7	74000	2620		120.84	RO
131B	05-02-86	28	124500	4400		115.3	MD
131C		Hold		Discard			MD

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hovels 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-04-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample Second Floor Slab, Lines K To E, From 30 To 32
Material Supplier Stocks Mill & Supply — Measured Slump, in. 5 1/2
Ticket Number 54226 — Measured Air Content, % Not Measured
Batch Size cu. yds. 8 — Ambient Air Temperature, °F 70
Mix Identification CM 2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4 — Sampled By J. Glagola — Date 04-04-86
Time in Mixer 2 hrs. 0 min. — Submitted By J. Glagola — Date 04-04-86
Water Added on Job, gal. — Authorized By Marty — Date 04-04-86
Test Procedure
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
131A	04-11-86	7	74000	2620		120.84	RO
131B	05-02-86	28					
131C		Hold					

Copies to Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

CUSTOMERS NAME: Ocean Const. — DATE: 4-X-86

DELIVERY ADDRESS: Boulder Hwy & Bird

LOAD NO.	ACCUM. YDS.	P.O. #	JOB NO.	CODE	DELIVERY RECEIPT No.
1	7½				54462

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
7½	YARDS	MIX [illegible] AGGREG. [illegible]	5#	Floor
		5= C"		
		CT=70°		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

TIME	HOURS	MINUTES
DEPARTURE TIME		
ARRIVAL TIME		
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

SLUMP	WATER ADDED | GALLONS ON THE JOB	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
4½	— — —		74	Maggie	

1-88

Dona Hoch 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Desigh & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-08-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample South Elevator Lobby, 4th Floor
Material Supplier Stocks Mill & Supply — Measured Slump, in. 6
Ticket Number 54462 — Measured Air Content, % Not Measured
Batch Size cu. yds. 7 1/2 — Ambient Air Temperature, °F 67
Mix Identification CM 2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens
Max. Size Aggregate, in. 3/4 — Sampled By J. Glagola — Date 04-08-86
Time in Mixer 1 hrs. 45 min. — Submitted By J. Glagola — Date 04-09-86
Water Added on Job, gal. 4 — Authorized By Marty — Date 04-08-86
Test Procedure ASTM C39-83B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	UNIT WEIGHTS	Tested By
			Pounds Force	psi			
137A	04-15-86	7	97500	3450		118.3	MD
137B	05-06-86	28	141000	4990		114.8	RO
137C		Hold		Discard			RO

Copies to Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hovel 1-5-88

WESTERN TECHNOLOGIES INC.

309 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-08-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: South Elavator Lobby, 4th Floor
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 54462
Measured Air Content, %: Not Measured
Batch Size, cu. yds.: 7 1/2
Ambient Air Temperature, °F: 67
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens:
Max. Size Aggregate, in.: 3/4
Sampled By: J. Glagola Date: 04-08-86
Time in Mixer: 1 hrs. 45 min.
Submitted By: J. Glagola Date: 04-09-86
Water Added on Job, gal.: 4
Authorized By: Marty Date: 04-08-86
Test Procedure: ASTM C39-83B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	UNIT WEIGHTS	Tested By
			Pounds Force	psi			
137A	04-15-86	7	97500	3450		118.3	MD
137B	05-06-86	28					
137C		Hold					

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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-09-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: North Elevator Lobby, 4th Floor
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 54562
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 7 1/2
Ambient Air Temperature, °F: 68
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: J. Glagola Date: 04-09-86
Time in Mixer: 1 hrs. 18 min.
Submitted By: J. Glagola Date: 04-10-86
Water Added on Job, gal.: 6
Authorized By: Marty Date: 04-09-86
Test Procedure:
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
136A	04-16-86	7	73000	2580		116.4	MD
136B	05-07-86	28	119000	4210		110.3	RO
136C		Hold		Discard			RO

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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City of Las Vegas, (1) jobsite

Dave Hoole 1-5-87

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-09-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: North Elevator Lobby, 4th Floor
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 54562
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 7 1/2
Ambient Air Temperature, °F: 68
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: J. Glagola Date: 04-09-86
Time in Mixer: 1 hrs. 18 min.
Submitted By: J. Glagola Date: 04-10-86
Water Added on Job, gal.: 6
Authorized By: Marty Date: 04-09-86
Test Procedure:
Remarks:

Specimen Marking If Any.	Date Tested	Specimen Age in Days.	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area in Square inch	Tested By
			Pounds Force	psi			
136A	04-16-86	7	73000	2580		116.4	MJ
136B	05-07-86	28					
136C		Hold					

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Dona Hawley 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-17-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Third Floor Slab, Lines 20 To 24
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6 1/2
Ticket Number 0105
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 62
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By J. Glagola Date 04-17-86
Time in Mixer 0 hrs. 50 min.
Submitted By J. Glagola Date 04-18-86
Water Added on Job, gal. 0
Authorized By Marty Date 04-17-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
150A	04-24-86	7	99500	3520		119.0	MD
150B	05-15-86	28	128000	4530		113.4	RO
150C		Hold		Discard			RO

Copies to Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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City of Las Vegas, (1) jobsite

Dona Hovik 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-17-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Third Floor Slab, Lines 20 To 24
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6 1/2
Ticket Number: 0105
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 62
Mix Identification: CM 2239.
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: J. Glagola Date: 04-17-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: J. Glagola Date: 04-18-86
Water Added on Job, gal.: 0
Authorized By: Marty Date: 04-17-86
Test Procedure: ASTM C39-84B
Remarks:

Specimen ID Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
150A	04-24-86	7	99500	3520		119.0	MD
150B	05-15-86	28					
150C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: **Mr. Joel Bergman A.I.A. (1) mail**
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite.

Dona Hovis 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-17-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample Third Floor Slab, Lines 20 to 24
Material Supplier Stocks Mill & Supply Measured Slump, in. 4 1/2
Ticket Number 0098 Measured Air Content, % Not Measured
Batch Size cu. yds. 10 Ambient Air Temperature, °F 60
Mix Identification CM 4239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4 Sampled By J. Glagola Date 04-17-86
Time in Mixer 0 hrs 42 min. Submitted By J. Glagola Date 04-18-86
Water Added on Job, gal. 10 Authorized By Marty Date 04-17-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture, If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
149A	04-24-86	7	102500	3630		121.4	MD
149B	05-15-86	28	140000	4950		115.5	RO
149C		Hold		Discard			RO

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Dona Hoisch 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report: 04-17-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Third Floor Slab, Lines 20 to 24
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 4 1/2
Ticket Number: 0098
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 60
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: J. Glagola Date: 04-17-86
Time in Mixer: 0 hrs. 42 min.
Submitted By: J. Glagola Date: 04-18-86
Water Added on Job, gal.: 10
Authorized By: Marty Date: 04-17-86
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
149A	04-24-86	7	102500	3630		121.4	MD
149B	05-15-86	28					
149C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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City of Las Vegas, (1) jobsite

Doris Hawley 1-7-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-17-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: Martin, Peltyn & Associates
Source of Sample: 3rd Floor Deck, Lines 21 To 22, From G To K, Total Area Of Placement, *
Material Supplier: Stocks Mill & Supply.
Measured Slump, in: 6 1/2
Ticket Number: 0112
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 65
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 04-17-86
Time in Mixer: 1 hrs. 0 min.
Submitted By:
Date:
Water Added on Job, gal.: 10
Authorized By:
Date:
Test Procedure: ASTM C39-84B

Remarks: *Lines 18.5 To 25, From E To K

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
151A	04-24-86	7	89500	3170		118.6	MD
151B	05-15-86	28	124000	4390		112.2	RO
151C		Hold		Discard			RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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City of Las Vegas, (1) jobsite

Bow Hawk 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-17-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: Martin, Peltyn & Associates
Source of Sample: 3rd Floor Deck, Lines 21 To 22, From G To K, Total Area Of Placement, *
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6 1/2
Ticket Number: 0112
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 65
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 04-17-86
Time in Mixer: 1 hrs. 0 min.
Submitted By:
Date:
Water Added on Job, gal.: 10
Authorized By:
Date:
Test Procedure: ASTM C39-84B

Remarks: *Lines 18.5 To 25, From E To K

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
151A	04-24-86	7	89500	3170		118.6	MD
151B	05-15-86	28					
151C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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Dona Hoesly 4-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-18-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 3rd Story Deck, From F-G To 8-9, Total Area Of Placement B-D, From 1 To 10
Material Supplier Stocks Mill & Supply
Measured Slump, in. 4 1/2
Ticket Number 0239
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 65
Mix Identification CM 2239
No. of Specimens Molded 4
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 04-18-86
Time in Mixer hrs. 45 min.
Submitted By
Date
Water Added on Job, gal. 0
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
152A	04-21-86	3	76000	2690		117.6	JG
152B	04-25-86	7	104000	3680		120.9	MD
152C	05-16-86	28	165000	5840		116.2	RO
152D		Hold		Discard			RO

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Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hoesly 1-5-88

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. _____
Date of Report 04-18-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer _____
Source of Sample 3rd Story Deck, From F-G To 8-9, Total Area Of Placement B-D, From 1 To 10
Material Supplier Stocks Mill & Supply Measured Slump, in. 4 1/2
Ticket Number 0239 Measured Air Content, % Not Measured
Batch Size cu. yds. 10 Ambient Air Temperature, °F 65
Mix Identification CM 2239 No. of Specimens Molded 4
Design Strength, psi 4000 / 28 days Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 04-18-86
Time in Mixer _____ hrs. 45 min. Submitted By _____ Date _____
Water Added on Job, gal. 0 Authorized By _____ Date _____
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
152A	04-21-86	3	76000	2690		117.6	JG
152B	04-25-86	7	104000	3680		120.9	MD
152C	05-16-86	28					
152D		Hold					

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Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hawley 1-5-88

CUSTOMER COPY

CUSTOMERS NAME: Sierra Const | DATE: 4 20 86

DELIVERY ADDRESS: Golden Nigget New
off Bridger tower

LOAD NO.	ACCUM. YDS.	P.O.#	JOB NO.	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
2	20		375			0357

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX M2234 AGGREG. Lt wt		
		4½" 70#		
			MIXTURE	

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
TIME POUR COMPLETED	6	5
ARRIVAL TIME	6	10
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

NOTICE: Our drivers will make every effort to place material where Customer designates,

but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

CAUTION

Freshly mixed mortar, grout or concrete may cause skin irritation. Avoid direct contact when possible and wash exposed skin area promptly with water. If any of the cementitious material gets into the eyes, rinse immediately and repeatedly with water.

KEEP OUT OF REACH OF CHILDREN

SALES TAX	
DISCOUNTS	
SUB-TOTAL	
STANDING TIME	
TOTAL	

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
4½	- - - 5	5	82	DON	R. Nelson

Dona Hoish 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-22-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Third Floor Slab, Line 13 To 19, From G To K
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 4 1/2
Ticket Number: 0357
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 66
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: J. Glagola Date: 04-22-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: J. Glagola Date: 04-23-86
Water Added on Job, gal.: 5
Authorized By: Marty Date: 04-22-86
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
163A	04-29-86	7	103000	3640		120.3	MD
163B	05-20-86	28	144500	5110		113.5	RO
163C		Hold		Discard			RO

Copies to: Client (1) mail
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Dona Hogle 1-5-88

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-22-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Third Floor Slab, Line 13 To 19, From G To K
Material Supplier Stocks Mill & Supply
Measured Slump, in. 4 1/2
Ticket Number 0357
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 66
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By J. Glagola Date 04-22-86
Time in Mixer 0 hrs. 50 min.
Submitted By J. Glagola Date 04-23-86
Water Added on Job, gal. 5
Authorized By Marty Date 04-22-86
Test Procedure ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
163A	04-29-86	7	103000	3640		120.3	MD
163B	05-20-86	28					
163C		Hold					

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Doug Hoole 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145-0182
Lab./Invoice No.
Date of Report 04-22-86

Project Golden Nugget Tow
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Third Floor Slab, Line 1 To 19, From G To K
Material Supplier Stocks Mill & Supply
Measured Slump, in. 4
Ticket Number 0363
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 70
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By J. Glagola Date 04-22-86
Time in Mixer 0 hrs. 45 min.
Submitted By J. Glagola Date 04-23-86
Water Added on Job, gal
Authorized By Marty Date 04-22-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
164A	04-29-86	7	140000	3890		120.9	MD
164B	05-20-86	28	150000	5310		115.5	RO
164C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-22-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Third Floor Slab, Line 13 To 19, From G To K
Material Supplier Stocks Mill & Supply
Measured Slump, in.
Ticket Number 0363
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 70
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By J. Glagola Date 04-22-86
Time in Mixer 0 hrs. 45 min.
Submitted By J. Glagola Date 04-23-86
Water Added on Job, gal. 7
Authorized By Marty Date 04-22-86
Test Procedure ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
164A	04-29-86	7	110000	3890		120.9	MD
164B	05-20-86	28					
164C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. _____
Date of Report _____

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: _____
Source of Sample: Third Floor Slab, Lines B To D, From 13 To 20
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 4 1/2
Ticket Number: 0552
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 83
Mix Identification: CM 239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 x 12
Max. Size Aggregate, in.: 3/4
Sampled By: J. Glagola Date: 04-24-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: J. Glagola Date: 04-25-86
Water Added on Job, gal.: 5
Authorized By: Marty Date: 04-24-86
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		(Type Fracture) If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
173A	05-01-86	7	109500	3870		120.15	RO
173B	05-22-86	28					
173C		Hold					

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Bob Hawley 1-5-88

C

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Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41450182
Lab./Invoice No.
Date of Report 04-24-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction — Architect/Engineer:
Source of Sample: Third Floor Slab, Lines B To D, From 13 To 20
Material Supplier: Stocks Mill & Supply — Measured Slump, in.: 5
Ticket Number: 0560 — Measured Air Content, %: Not Measured
Batch Size, cu. yds.: 10 — Ambient Air Temperature, °F: 85
Mix Identification: CMJ 2239 — No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days — Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4 — Sampled By: J. Glagola — Date: 04-24-86
Time in Mixer: 0 hrs. 49 min. — Submitted By: J. Glagola — Date: 04-25-86
Water Added on Job, gal.: 5 — Authorized By: Marty — Date: 04-24-86
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
174A	05-01-86	7	105000	3710		121.71	RO
174B	05-22-86	28	153000	5410		117.96	RO
174C		Hold		Diseard			RO

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300 West Boston Avenue
Las Vegas, Nevada 89102
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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-24-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Third Floor Slab, Lines B To D, From 13 To 20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 0560
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 85
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max Size Aggregate, in. 3/4
Sampled By J. Glagola Date 04-24-86
Time in Mixer 0 hrs. 49 min.
Submitted By J. Glagola Date 04-25-86
Water Added on Job, gal. 5
Authorized By Marty Date 04-24-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
174A	05-01-86	7	105000	3710		121.71	RO
174B	05-22-86	28					
174C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-24-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Third Floor Slab, Lines B To D, From 13 To 20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 4 1/2
Ticket Number 0552
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 83
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By J. Glagola Date 04-24-86
Time in Mixer 0 hrs. 50 min.
Submitted By J. Glagola Date 04-25-86
Water Added on Job, gal. 5
Authorized By Marty Date 04-24-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
173A	05-01-86	7	109500	3870		120.15	RO
173B	05-22-86	28	163000	5770		117.50	RO
173C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-01-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer.
Source of Sample Fourth Floor Slab, Line 24 To 18, From E To K
Material Supplier Stocks Mill & Supply Measured Slump, in. 4 1/2
Ticket Number 0896 Measured Air Content, % Not Measured
Batch Size cu. yds. 10 Ambient Air Temperature, °F 75
Mix Identification CM 2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4 Sampled By J. Glagola Date 05-01-86
Time in Mixer 0 hrs. 50 min. Submitted By J. Glagola Date 05-02-86
Water Added on Job, gal. 5 Authorized By Marty Date 05-01-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
191A	05-08-86	7	121000	4280		120.3	RO
191B	05-29-86	28		Discard			RO
191C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 41450182
Lab./Invoice No. _____
Date of Report 05-01-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer _____
Source of Sample Fourth Floor Slab, Lines 24 To 18, From E To K
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 0906
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 79
Mix Identification CM 223
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By J. Glagola Date 05-01-86
Time in Mixer 0 hrs. 50 min.
Submitted By J. Glagola Date 05-02-86
Water Added on Job, gal. 10
Authorized By Marty Date 05-01-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
192A	05-08-86	7	112000	3960		119.9	RO
192B	05-29-86	28					
192C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-02-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 4th Story Deck, Lines 13 - 20
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 4 1/2
Ticket Number: 0992
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 70
Mix Identification: CM 239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 05-02-86
Time in Mixer: 0 hrs. 50 min.
Submitted By:
Date:
Water Added on Job, gal.: 4
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
193A	05-09-86	7	115000	4070		120.44	RO
193B	05-30-86	28		Discard			RO
193C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab. Invoice No.
Date of Report 05-02-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 4th Story Deck, Lines 13 - 20
Material Supplier: Stocks Mrll & Supply
Measured Slump, in.: 4
Ticket Number: 0998
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 75
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 05-02-86
Time in Mixer: hrs. min.
Submitted By: Date:
Water Added on Job, gal.:
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
194A	05-09-86	7	109000	3860		120.60	RO
194B	05-30-86	28	149000	5270		115.5	MD
194C		Hold		Discard			MD

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-02-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 4th Stor[illegible]eck, Lines 13 - 20
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 4
Ticket Number: 0998
Measured Air Content, %: Not Measured
Batch Size cu yds: 10
Ambient Air Temperature, °F: 75
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, [illegible]: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 05-02-86
Time in Mixer: hrs. min.
Submitted By: Date:
Water Added on Job, gal.:
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
194A	05-09-86	7	109000	3860		120.60	RO
194B	05-30-86	28					
194C		Hold					

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Bryan Hall 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-2-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 3rd Story Deck, Lines A - D, From 20 - 30
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 2230
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 80
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 05-23-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: Date:
Water Added on Job, gal.: 5
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
244A	06-06-86	14	153000	5410		117.1	RO
244B	06-20-86	28		Discard		115.3	RO
244C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-09-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 5th Story Deck, Lines E - K, From 22 -23
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 1413
Measured Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 78
Mix Identification: CM 2239
No. of Specimens Molded: 72
Design Strength, psi: 4000 / 28 days
Size of Specimens: 3
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 05-09-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: Date:
Water Added on Job, gal:
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
204A	05-16-86	7	99000	3500		116.6	RO
204B	06-06-86	28	126000	4460		112.3	RO
204C		Hold		Discard-			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr, Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-09-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 5th Story Deck, Lines E - K, From 22 -23
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 1413
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 78
Mix Identification: CM 2239
No. of Specimens Molded: 72
Design Strength, psi: 4000 / 28 days
Size of Specimens: 3
Max. Size Aggregate, in.: 3/4
Sampled By: Mr Singh
Date: 05-09-86
Time in Mixer: 0 hrs. 50 min.
Submitted By:
Date:
Water Added on Job, gal.:
Authorized By:
Date:
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
204A	05-16-86	7	99000	3500		116.6	RO
204B	06-06-86	28					
204C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn; Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dana Hawley 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-09-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 5th Story Deck, Lines E - K, From 27 To 28
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 1388
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 65
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 05-09-86
Time in Mixer: 0 hrs. 40 min.
Submitted By: Date:
Water Added on Job; gal.:
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
203A	05-16-86	7	116000	4100		119.6	RO
203B	06-06-86	28		Discard		114.9	RO
203C		Hold		Discard			RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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Dona Hoesly 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab. Invoice No. –
Date of Report 05-14-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 5th Story Deck Lines
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 1622
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 72
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12.
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 05-14-86
Time in Mixer: 0 hrs. 50 min.
Submitted By:
Date:
Water Added on Job, gal.: 3
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
211A	05-21-86	7	94500	3340		115.5	MD
211B	06-11-86	28	132000	4670		111.3	RO
211C		Hold		Discard			RO

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Dora Hawley 1-5-88

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Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-14-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 5th Story Deck Lines
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 1622
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 72
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh — Date: 05-14-86
Time in Mixer: 0 hrs. 50 min
Submitted By: — Date:
Water Added on Job, gal.: 3
Authorized By: — Date:
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load: Pounds Force	Compressive Strength Maximum Load: psi	Type Fracture If Other Than Cone	Unit Weight	Tested By
211A	05-21-86	7	94500	3340		115.5	MD
211B	06-11-86	28					
211C		Hold					

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Dona Hawley 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-14-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 5th Story Deck Lines
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 1629
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 75
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 05-14-86
Time in Mixer: 1 hrs. 0 min.
Submitted By: Date:
Water Added on Job, gal.: 3
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
212A	05-21-86	7	86500	3060		115.8	MD
212B	06-11-86	28	126000	4460		110.6	RO
212C		Hold		Discard			RO

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City of Las Vegas, (1) jobsite

Dona Ford 1/5/87

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Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-14-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 5th Story Deck Lines
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 1629
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 75
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 05-14-86
Time in Mixer: 1 hrs. 0 min.
Submitted By:
Date:
Water Added on Job, gal.: 3
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
212A	05-21-86	7	86500	3060		115.8	MD
212B	06-11-86	28					
212C		Hold					

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Bone Hauls 1-5-88

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No
Date of Report 05-15-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 5th Story Deck, Lines B - F, From 1 - 12
Material Supplier Stocks Mill & Supply Measured Slump, in. 5 1/2
Ticket Number 1720 Measured Air Content, % Not Measured
Batch Size cu. yds. 10 Ambient Air Temperature, °F 75
Mix Identification CM 2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 05-15-86
Time in Mixer 0 hrs. 40 min. Submitted By Date
Water Added on Job, gal. 0 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
215A	05-22-86	7	94000	3330		115.8	MD
215B	06-12-86	28	139500	4930		110.9	MD
215C		Hold		Discard			MD

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail,
City of Las Vegas, (1) jobsite

Dona Hoole 1-6-87

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 38[illegible]7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-15-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 5th Story Deck, Lines B - F, From 1 - 12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 1720
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 75
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 05-15-86
Time in Mixer: 0 hrs. 40 min.
Submitted By:
Date:
Water Added on Job, gal.: 0
Authorized By:
Date:
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
215A	05-22-86	7	94000	3330		115.8	MD
215B	06-12-86	28					
215C		Hold					

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Atlandia Design, Attn: Mr. Joel Bergman, A.I.A. (1) mail
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Donna Hovely 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-15-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 5th Story Deck, Lines B - F, From 1 - 12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/4
Ticket Number: 1714
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 70
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 05-15-86
Time in Mixer: 0 hrs. 50 min.
Submitted By:
Date:
Water Added on Job; gal.: 3
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
214A	05-22-86	7	110000	3890		118.0	MD
214B	06-12-86	28	149000	5270		114.5	MD
214C		Hold		Discard			MD

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-15-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 5th Story Deck, Lines B - F, From 1 - 12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/4
Ticket Number: 171[illegible]
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 1[illegible]
Ambient Air Temperature, °F: 70
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 05-15-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: Date:
Water Added on Job, gal.: 3
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
214A	05-22-86	7	110000	3890		118.0	MD
214B	06-12-86	28					
214C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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New Work 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-16-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 6th Story Deck, Lines E - G; From 27 - 26 *
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 1803
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 70
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 05-16-86
Time in Mixer: 0 hrs. 50 min.
Submitted By:
Date:
Water Added on Job, gal.:
Authorized By:
Date:
Test Procedure: ASTM C39-84B

Remarks: * 6th Story Deck, Lines E - K, From 20 - 30, 3rd Story Deck, Lines A - D, From 30 - 32

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
223A	05-23-86	7	128500	4550		122.7	RO
223B	06-13-86	28		Discard		118.5	RO
223C		Hold		Discard			RO

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Dona Hoch 1-5-88

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(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-16-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 6th Story Deck, Lines G - K, From 22 - 21 *
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 1811
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 75
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 05-16-86
Time in Mixer: 0 hrs. 50 min.
Submitted By:
Date:
Water Added on Job, gal.:
Authorized By:
Date:
Test Procedure: ASTM C39-84B

Remarks: * 6th Story Deck, Lines E - K, From 20 - 30, 3rd Story Deck, Lines A - D, From 30 - 32

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
224A	05-23-86	7	132000	4670		122.7	RO
224B	06-13-86	28		Discard		119.0	RO
224C		Hold		Discard			RO

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-16-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 6th Story Deck, Lines G - K, From 22 - 21 *
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 1811
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 75
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 05-16-86
Time in Mixer 0 hrs. 50 min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B,

Remarks:
* 6th Story Deck, Lines E - K, From 20 - 30, 3rd Story Deck, Lines A - D, From 30 - 32

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
224A	05-23-86	7	132000	4670		122.7	RO
224B	06-13-86	28		Discard			RO
224C		Hold		Discard			RO

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Dona Hoole 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-16-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 12th - 13th Floor
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 1856
Batch Size, cu.yds.: 10
Mix Identification: S109
Design Strength, psi: 4000 / 28 days
Max. Size Aggregate, in.: 3/8
Time in Mixer: 0 hrs. 50 min.
Water Added on Job, gal:
Test Procedure: ASTM C39-84B
Remarks:

Measured Slump, in.: 6
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 80
Ambient Air Temperature, °F: 80
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh Date: 05-16-86
Submitted By: Date:
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens, Caps If Any	Tested By
			Pounds Force	psi			
228A	05-23-86	7	121000	4280			RO
228B	06-13-86	28		Discard			RO
228C		Hold		Discard			RO

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Dona Hovik 1-5-88.

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-16-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Core Walls, 12th To 13th Floor
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 1850
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 82
Mix Identification S109
Ambient Air Temperature, °F 75
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 1 hrs. 0 min.
Sampled By K. Singh Date 05-16-86
Water Added on Job, gal:
Submitted By Date
Test Procedure ASTM C39 84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
227A	05-23-86	7	129000	4560			RO
227B	06-13-86	28		Discard			RO
227C		Hold		Discard			RO

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab:/Invoice No.
Date of Report 05-20-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 6th Floor, Line B to G from 1 to 12
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5½
Ticket Number 1987
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 90
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6X12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 05-20-86
Time in Mixer 0 hrs. 50 min.
Submitted By
Date
Water Added on Job, gal. 5
Authorized By
Date
Test Procedure ASTM C-39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
235A	05-27-86	7	111000	3930		116.9	MD
235B	06-17-86	28	143000	5060		112.6	RO
235C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-20-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 6th Floor, Line B to G from 1 to 12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5½
Ticket Number: 1987
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 90
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6X12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 05-20-86
Time in Mixer: 0 hrs. 50 min.
Submitted By:
Date:
Water Added on Job, gal.: 5
Authorized By:
Date:
Test Procedure: ASTM C-39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
235A	05-27-86	7	111000	3930		116.9	MD
235B	06-17-86	28					
235C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-20-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 6th Story Deck, Lines B-K From 13-20
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5½
Ticket Number: 1981
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 80
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6X12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 05-20-86
Time in Mixer: 0 hrs. 40 min.
Submitted By: Date:
Water Added on Job, gal.: ASTM 39-C-84B
Authorized By: Date:
Test Procedure:
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
234A	05-27-86	7	113000	4000		118.8	MD
234B	06-17-86	28	Discard				MD
234C		Hold	Discard				MD

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COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-22-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 6th Story Deck, Lines B - F, From 1 - 12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 2170
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 80
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 05-22-86
Time in Mixer: 0 hrs. 50 min.
Submitted By:
Date:
Water Added on Job, gal.: 0
Authorized By:
Date:
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
241A	05-29-86	7	111000	3930		118.0	RO
241B	06-19-86	28	144000	5090		112.9	RO
241C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-22-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 6th Story Deck, Lines B - F, From 1 - 12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 2170
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 80
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 05-22-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: Date:
Water Added on Job, gal.: 0
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking, If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other, Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
241A	05-29-86	7	111000	3930		118.0	RO
241B	06-19-86	28					
241C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-22-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 6th Story Deck, Lines B - F, From 1 - 12
Material Supplier Stocks Mill & Supply — Measured Slump, in. 5 1/2
Ticket Number 2165 — Measured Air Content, % Not Measured
Batch Size cu. yds. 10 — Ambient Air Temperature, °F 78
Mix Identification CM 2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4 — Sampled By K. Singh — Date 05-22-86
Time in Mixer 1 hrs. 0 min. — Submitted By — Date
Water Added on Job, gal 15 — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
240A	05-29-86	7	110000	3890		117.8	RO
240B	06-19-86	28					
240C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-28-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Seventh Floor Slab, Lines 21 To 30 and G To K
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 2391
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F:
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: J. Glagola Date: 05-28-86
Time in Mixer: 0 hrs. 48 min.
Submitted By: J. Glagola Date: 05-29-86
Water Added on Job, gal.: 5
Authorized By: Marty Date: 05-28-86
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
252A	06-04-86	7	79500	2810		117.8	MD
252B	06-25-86	28	122000	4320		110.8	RO
252C		Hold		Discard			RO

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COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. _____
Date of Report 05-28-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: _____
Source of Sample: Seventh Floor Slab, Lines 21 To 30 and G To K
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 2391
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: _____
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: J. Glagola Date: 05-28-86
Time in Mixer: 0 hrs. 48 min.
Submitted By: J. Glagola Date: 05-29-86
Water Added on Job, gal.: 5
Authorized By: Marty Date: 05-28-86
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
252A	06-04-86	7	79500	2810		117.8	MD
252B	06-25-86	28					
252C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No, 4145J182
Lab./Invoice No.
Date of Report 08-28-86

Project Golden Nugget Tower
Location, 1st & Bridger
Contractor _____ Architect/Engineer _____
Source of Sample 7th Floor Lines 20 To 30
Material Supplier Stocks Mill & Supply
Ticket Number 2396
Batch Size cu. yds. 10
Mix Identification CM 2239
Design Strength, psi 4000 / 28 days
Max. Size Aggregate, in. 3/4
Time in Mixer _____ hrs. _____ min.
Water Added on Job, gal. _____
Test Procedure ASTM C39-84B

Measured Slump, in. 6 1/4
Measured Air Content, % Not Measured
Ambient Air Temperature, °F 79
No. of Specimens Molded 3
Size of Specimens 6 X 12
Sampled By R. Ogle Date 05-28-86
Submitted By _____ Date _____
Authorized By _____ Date _____

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
253A	06-04-86	7	111000	3930		124.0	MD
253B	06-25-86	28	127000	4490		118.2	RO
253C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-30-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample Seventh Floor Slab Around Elevator Walls, Lines 13 To 19
Material Supplier Stocks Mill & Supply — Measured Slump, in. 4
Ticket Number 2530 — Measured Air Content, % Not Measured
Batch Size cu. yds. 10 — Ambient Air Temperature, °F 80
Mix Identification CM 2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4 — Sampled By J. Glagola — Date 05-30-86
Time in Mixer 0 hrs. 50 min. — Submitted By J. Glagola — Date 06-02-86
Water Added on Job, gal. 7 — Authorized By Marty — Date 05-30-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
263A	06-06-86	7	117000	4140		119.99	RO
263B	06-27-86	28		Discard			RO
263C		old		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ____
Date of Report 05-30-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: ____
Source of Sample: Seventh Floor Slab Around Elevator Walls, Lines 13 To 19
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 2558
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 86
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: J. Glagola Date: 05-30-86
Time in Mixer: 0 hrs. 49 min.
Submitted By: J. Glagola Date: 06-02-86
Water Added on Job, gal.: ____
Authorized By: Marty Date: 05-30-86
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
264A	06-06-86	7	111000	3930		119.78	RO
264B	06-27-86	28					
264C		Hold					

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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. _____
Date of Report 06-02-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: _____
Source of Sample: 7th Story Deck, Lines B - G, From 1 - 12.5
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 2690
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 102
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 06-02-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: _____ Date: _____
Water Added on Job, gal.: 10
Authorized By: _____ Date: _____
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
272A	06-09-86	7	124000	4890		121.3	RO
272B	06-30-86	28		Discard		116.5	RO
272C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-02-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 7th Story Deck, Lines B - G, From 1 - 12.5
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 2696
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 105
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 06-02-86
Time in Mixer: 0 hrs. 50 min.
Submitted By:
Date:
Water Added on Job, gal.: 15
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
273A	06-09-86	7	108000	3820		118.87	RO
273B	06-30-86	28	129000	4560		113.40	RO
273C		Hold		Discard			RO

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Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-02-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 7th Story Deck, Lines B - G, From 1 - 12.5
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 2696
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 105
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 06-02-86
Time in Mixer: 0 hrs. 50 min.
Submitted By:
Date:
Water Added on Job, gal.: 15
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
273A	06-09-86	7	108000	3820		118.87	RO
273B	06-30-86	28					
273C		Hold					

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-03-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 8th Story Deck, Lines E - K, From 20 - 30
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6 1/2
Ticket Number: 2770
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 100
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 06-03-86
Time in Mixer: hrs. min.
Submitted By: Date:
Water Added on Job, gal.:
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
280A	06-10-86	7	124000	4390		119.65	RO
280B	07-01-86	28		Discard		114.8	RO
280C		Hold		Discard			RO

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City of Las Vegas, (1) jobsite

Dona Hovey 1-5-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-03-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 8th Story Deck, Lines E - K, From 20 - 30
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 2774
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 100
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 06-03-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 0
Authorized By Date
Test Procedure ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
275A	06-10-86	7	113000	4000		118.8	RO
275B	07-01-86	28		Discard		113.9	RO
275C		Hold		Discard			RO

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Dave Hosh 1-5-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-06-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 8th Story Deck, Lines B - K, From 13 - 20
Material Supplier Stocks Mixl & Supply
Measured Slump, in. 6
Ticket Number 2290
Measured Air Content, % Not Measured
Batch Size cu. yds. 9
Ambient Air Temperature, °F 92
Mix Identification CM #239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 06-06-86
Time in Mixer hrs. 50 min.
Submitted By
Date
Water Added on Job, gal. 5
Authorized By
Date
Test Procedure ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
287A	06-13-86	7	102000	3610		119.40	RO
287B	07-04-86	28					
287C							

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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-06-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construcion
Architect/Engineer
Source of Sample 8th Story Deck, Lines B - K, From 13 - 20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 2295
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 92
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 06-06-86
Time in Mixer hrs. 57 min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
286A	06-13-86	7	96000	3400		119.21	RO
286B	07-04-86	28	137000	4850		112.70	RO
286C		Hold		Discard			RO

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(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-06-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construcion
Architect/Engineer
Source of Sample 8th Story Deck, Lines B - K, From 13 - 20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 2295
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 92
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 06-06-86
Time in Mixer hrs. 57 min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
286A	06-13-86	7	96000	3400		119.21	RO
286B	07-04-86	28					
286C		Hold					

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(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-10-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 8th Story Deck, Lines B - G, From 1 - 12
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 3/4
Ticket Number 3162
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 90
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 06-10-86
Time in Mixer hrs. 50 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
298A	06-17-86	7	116000	4100		121.0	RO
298B	07-08-86	28		Discard			RO
298C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report: 06-10-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 8th Story Deck, Lines B - G, From 1 - 12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6.
Ticket Number: 3169
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 90
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh. Date: 06-10-86
Time in Mixer: hrs. min.
Submitted By: Date:
Water Added on Job, gal.: 15
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
299A	06-17-86	7	110000	3890		118.2	RO
299B	07-08-86	28	134000	4740		112.4	RO
299C		Hold		Discard			RO

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Dona Hawley 1-5-88

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. _____
Date of Report 06-10-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: _____
Source of Sample: 8th Story Deck, Lines B - G, From 1 - 12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 3169
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 90
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 06-10-86
Time in Mixer: _____ hrs. _____ min.
Submitted By: _____
Date: _____
Water Added on Job, gal.: 15
Authorized By: _____
Date: _____
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
299A	06-17-86	7	110000	3890		118.2	RO
299B	07-08-86	28					
299C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-11-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 9th story Deck, Lines E - K, From 20 - 30
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 3 3/4
Ticket Number: 3252
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 90
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 06-11-86
Time in Mixer: hrs. 55 min.
Submitted By: Date:
Water Added on Job, gal.: 15
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
302A	06-13-86	2	78000	2760		119.5	RO
302B	07-09-86	28	140000	4950		114.0	RO
302C		Hold	Discard				

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab /Invoice No.
Date of Report 06-11-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 9th story Deck, Lines E - K, From 20 - 30
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 3 3/4
Ticket Number: 3252
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 90
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 06-11-86
Time in Mixer: hrs. 55 min.
Submitted By: Date:
Water Added on Job, gal.: 15
Authorized By: Date:
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
302A	06-13-86	2	78000	2760		119.5	RO
302B	07-09-86	28					
302C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-11-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 9th Story Deck, Lines E - K, From 20 - 30'
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 3256
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 92
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 06-11-86
Time in Mixer: 1 hrs. 0 min.
Submitted By: Date:
Water Added on Job, gal.: 10
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
301A	06-13-86	2	79000	2790		119.2	RO
301B	07-09-86	28	144000	5090		113.2	RO
301C		Hold	Discard				

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-12-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 9th Story Deck, Lines G - K, From 13 - 20
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 3363
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 95
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 06-12-86
Time in Mixer: hrs. 50 min.
Submitted By:
Date:
Water Added on Job, gal.: 10
Authorized By:
Date:
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
304A	06-19-86	7	100000	3540		116.3	RO
304B	07-10-86	28	126000	4460		111.1	RO
304C		Hold	Discard				

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Dona Hoppe 1/5/87

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(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-12-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 9th Story Deck, Lines G - K, From 13 - 20
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 3363
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 95
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 06-12-86
Time in Mixer: hrs. 50 min.
Submitted By:
Date:
Water Added on Job, gal.: 10
Authorized By:
Date:
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
304A	06-19-86	7	100000	3540		116.3	RO
304B	07-10-86	28					
304C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-13-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 9th Story Deck, Lines B - E From 13 - 20
Material Supplied Stock Mill & Supply
Measured Slump, in. 6
Ticket Number 9428
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 92
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 06-13-86
Time in Mixer 1 hrs. min
Submitted By Date
Water Added on Job, gal. 10*
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
307A	06-20-86	7	113000	4000		115.8	RO
307B	07-11-86	28		Discard		112.4	RO
307C		Hold		Discard			RO

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Donna Hovis 5/15/88

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-17-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 9th. Story Deck, Lines B - E, From 1 - 12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 3614
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 95
Mix Identification: CM 223
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 06-17-86
Time in Mixer: 1 hrs. 0 min.
Submitted By:
Date:
Water Added on Job, gal.: 10
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
316A	06-24-86	7	114000	4030		117.7	RO
316B	07-15-86	28		Discard		112.5	RO
316C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-18-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 10th Story Deck, Lines E - K, From 20 - 30
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 3673
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 94
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 06-18-86
Time in Mixer: 0 hrs. 55 min.
Submitted By: Date:
Water Added on Job, gal.: 10
Authorized By: Date:
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
322A	06-25-86	7	106000	3750		115.8	RO
322B	07-16-86	28	140000	4950		110.8	PJP
322C		Hold		Discard			PJP

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Doris Hoole 1/5-88

C

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-18-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 10th Story Deck, Lines E - K, From 20 - 30
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 3673
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 94
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 06-18-86
Time in Mixer: 0 hrs. 55 min.
Submitted By: Date:
Water Added on Job, gal.: 10
Authorized By: Date:
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
322A	06-25-86	7	106000	3750		115.8	RO
322B	07-16-86	28					
322C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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City of Las Vegas, (1) jobsite

Dona Hovsky 1-5-88

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. ____
Date of Report 06-18-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer ____
Source of Sample 10th Story Deck, Lines E - K, From 20 To 30
Material Supplier Stocks Mill & Supply Measured Slump, in. 6
Ticket Number 3666 Measured Air Content, % Not Measured
Batch Size cu. yds. 10 Ambient Air Temperature, °F 92
Mix Identification CM 2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 06-18-86
Time in Mixer 0 hrs. 50 min. Submitted By ____ Date ____
Water Added on Job, gal. 5 Authorized By ____ Date ____
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
324A	06-25-86	7	108000	3820		115.7	RO
324B	07-16-86	28	133000	4700		111.1	PJP
324C		Hold		Discard			PJP

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Dona Hoole 1-5-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-18-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 10th Story Deck, Lines E - K, From 20 To 30
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 3666
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 92
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 06-18-86
Time in Mixer: 0 hrs. 50 min.
Submitted By:
Date:
Water Added on Job, gal.: 5
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
324A	06-25-86	7	108000	3820		115.7	RO
324B	07-16-86	28					
324C		Hold					

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Doris Hovley 1-5-88

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. _____
Date of Report 06-19-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer _____
Source of Sample 10th Story Deck, Lines B - C, From 12 - 20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 3/4
Ticket Number 3800
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 95
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 06-19-86
Time in Mixer 1 hrs. 0 min.
Submitted By _____ Date _____
Water Added on Job, gal. 5
Authorized By _____ Date _____
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
327A	06-26-86	7	96000	3400		117.2	RO
327B	07-17-86	28	137500	4860		112.3	PJP
327C		Hold		Discard			PJP

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City of Las Vegas, (1) jobsite

Dona Lovell 1-5-87

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-19-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 10th Story Deck, Lines G - K, From 12 - 20
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 3794
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 92
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 06-19-86
Time in Mixer: 0 hrs. 50 min.
Submitted By:
Date:
Water Added on Job, gal.: 10
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
328A	06-26-86	7	104000	3680		116.3	RO
328B	07-17-86	28					
328C		Hold					

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Dona Hosek 1-7-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145d182

Lab./Invoice No.

Date of Report 06-23-86

Project: Golden Nugget Tower

Location: 1st & Bridger

Contractor: Sierra Construction

Architect/Engineer:

Source of Sample: 10th Story Deck, Lines B - E, From 1 - 12

Material Supplier: Stocks Mill & Supply

Measured Slump, in.: 6

Ticket Number: 3952

Measured Air Content, %: Not Measured

Batch Size cu. yds.: 10

Ambient Air Temperature, °F: 95

Mix Identification: CM 2239

No. of Specimens Molded: 3

Design Strength, psi: 4000 / 28 days

Size of Specimens: 6 X 12

Max. Size Aggregate, in.: 3/4

Sampled By: K. Singh Date: 06-23-86

Time in Mixer: 0 hrs. 57 min.

Submitted By: Date:

Water Added on Job, gal.: 10

Authorized By: Date:

Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
333A	06-30-86	7	119000	4210		115.8	RO
333B	07-21-86	28		Discard		111.3	RO
333C		Hold		Discard			RO

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Atlandia Design, Attn: Mr. Joel Bargman A.I.A. (1) mail
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Dona Hall 1-5-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 8145J182
Lab./Invoice No.
Date of Report 06-24-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 11th Story Deck, Lines D - K, From 20-30
Material Supplier Stocks Mix & Supply
Measured Slump, in. 5 1/2
Ticket Number 4032
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 90
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate 3/4
Sampled By K. Singh Date 06-24-86
Time in Mixer hrs 50 min.
Submitted By Date
Water Added on Job, gal 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
337A	07-01-86	7	104000	3680		117.0	RO
337B	07-22-86	28					
337C		Hold					

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129 E. Fremont
SPEC REPORTS

Done Already 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 7145.1182
Lab./Invoice No.
Report No. 5 Date 09-22-86
Reviewed By
Date Examined

Project Golden Nugget Towers
Location 3rd & Bridger **Technician** Jeff Glagola
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR - North Stairwell	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
Eleventh Floor-West (1)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Eleventh Floor-East (2)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Twelveth Floor-West (1)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Twelveth Floor-East (2)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Thirteenth Floor-West (1)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Thirteenth Floor-East (2)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Fourteenth Floor-West (1)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Fourteenth Floor-East (2)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Fifteenth Floor-West (1)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Fifteenth Floor-East (2)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Sixteenth Floor-West (1)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Sixteenth Floor-East (2)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Seventeenth Floor-West (1)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Seventeenth Floor-East (2)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Eighteenth Floor-West (1)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Eighteenth Floor-East (2)	1 1/8	1 1/4	1 1/8	1 1/8	X				X	
Nineteenth Floor-West (1)	3/4	1	3/4	1 1/8		X			X	
Nineteenth Floor-East (2)	3/4	1	3/4	1 1/8		X			X	
Twentieth Floor-West (1)	3/4	1	3/4	1 1/8		X			X	
Twentieth Floor-East (2)	3/4	1	3/4	1 1/8		X			X	

Note: (1) West & North Side of Columns Inaccessible to Spray Fireproofing
(2) East & North Side of Columns Inaccessible to Spray Fireproofing

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-17-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: Martin, Peltyn & Associates
Source of Sample: 3rd Floor Deck, Lines 21 To 22, From G To K, Total Area Of Placement, *
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6 1/2 —
Ticket Number: 0112
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 65
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 04-17-86
Time in Mixer: 1 hrs. 0 min.
Submitted By: Date:
Water Added on Job, gal.: 10
Authorized By: Date:
Test Procedure: ASTM C39-84B

Remarks: *Lines 18.5 To 25, From E To K

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
151A	04-24-86	7	89500	3170		118.6	MD
151B	05-15-86	28	124000	4390		112.2	RO
151C		Hold		Discard.			RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Done Daily 1-6-87

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-17-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer Martin, Peltyn & Associates
Source of Sample 3rd Floor Deck, Lines 21 To 22, From G To K, Total Area Of Placement, *
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6 1/2
Ticket Number 0112
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 65
Mix Identification CM 2239.
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 04-17-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B

Remarks: *Lines 18.5 To 25, From E To K

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
151A	04-24-86	7	89500	3170		118.6	MD
151B	05-15-86	28					
151C		Hold					

Copies to: Client (1)-mail
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Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129. East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 04-18-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 3rd Story Deck, Lines 26 To 27, E To G, Total Area Of Placement, Lines 25 To 30 *
Material Supplier Stocks Mill & Supply
Measured Slump, in. 4 3/4
Ticket Number 0263
Measured Air Content, % Not Measured
Batch Size cu. yds. 10 yards
Ambient Air Temperature, °F
Mix Identification CM 2239
No. of Specimens Molded 4
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 04-18-86
Time in Mixer 0 hrs. 45 min.
Submitted By Date
Water Added on Job, gal. 5
Authorized By Date
Test Procedure ASTM C39-83B

Remarks: *From E To K

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
153A	04-21-86	3	72000	2550		117.3	JG
153B	04-25-86	7	96000	3400		121.1	MD
153C	05-16-86	28	159000	5620		116.0	RO
153D		Hold		Discard			RO

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Dana Haesly * 1-6-88

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-01-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Fourth Floor Slab, Lines 24 To 18, From E To K
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 0906
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 79
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By J. Glagola Date 05-01-86
Time in Mixer 0 hrs. 50 min.
Submitted By J. Glagola Date 05-02-86
Water Added on Job, gal. 10
Authorized By Monty Date 05-01-86
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
192A	05-08-86	7	112000	3960		119.9	RO
192B	05-29-86	28					
192C		Hold					

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Martin & Associates (1) mail
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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-22-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 6th Story Deck, Lines B - F, From 1 - 12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 2170
Measured Air Content, %: Not Measured
Batch Size cu. yds: 10
Ambient Air Temperature, °F: 80
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 05-22-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: Date:
Water Added on Job, gal.: 0
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
241A	05-29-86	7	11100	3930		118.0	RO
241B	06-19-86	28					
241C		Hold					

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
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City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-28-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Architect/Engineer:
Source of Sample: 7th Floor Lines [illegible] To 30
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6 1/4
Ticket Number: 2396
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 79
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: R. Ogle Date: 05-28-86
Time in Mixer: hrs. min.
Submitted By: Date:
Water Added on Job, gal.:
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
253A	06-04-86	7	111000	3930		124.0	MD
253B	06-25-86	28					
253C		Hold					

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Martin & Associates (1) mail
City of Las Vegas; (1) jobsite

Doris Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report: 06-19-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 10th Story Deck, Lines B - C, From 12 - 20
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 3/4
Ticket Number: 3800
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 95°
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 06-19-86
Time in Mixer: 1 hrs. 0 min.
Submitted By: Date:
Water Added on Job, gal.: 5
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
327A	06-26-86	7	96000	3400		117.2	RO
327B	07-17-86	28					
327C		Hold					

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Doris Hoesly 1-6-88

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-19-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 10th Story Deck, Lines G - K, From 12 - 20
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 3794
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 92
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 06-19-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: Date:
Water Added on Job, gal.: 10
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
328A	06-26-86	7	104000	3680		116.3	RO
328B	07-17-86	28	144000	5090		113.7	PJP
328C		Hold		Discard			PJP

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City of Las Vegas, (1) jobsite

Dona Haisley 6-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145182
Lab./Invoice No.
Date of Report 06-24-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 11th Story Deck, Lines D - K, From 20 - 30
Material Supplier: Stocks Mill & Supply
Measured Slump, in. 5 3/4
Ticket Number: 4037
Measured Air Content, % Not Measured
Batch Size cu. yds. 11
Ambient Air Temperature, °F 93
Mix Identification: CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 06-24-86
Time in Mixer 0 hrs. 50 min.
Submitted By Date
Water Added on Job, gal. 0
Authorized By Date
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
336A	07-01-86	7	91000	3220		114.7	RO
336B	07-22-86	28					
336C		Hold					

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Dana Shealy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-26-86

Project: Golden Nugget Tower
Location: 1st @ Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 11th Story Deck, Lines 13 - 20, From G - K
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 4197
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 92
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 06-26-86
Time in Mixer: 0 hrs. 57 min.
Submitted By:
Date:
Water Added on Job, gal.: 10
Authorized By:
Date:
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking, If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
340A	07-03-86	7	114000	4030		118.4	RO
340B	07-24-86	28		Discard		112.9	RO
340C,		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-22-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 6th Story Deck, Lines B - F, From 1 - 12
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 2165
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 78
Mix Identification M 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 05-22-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 15
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
240A	05-29-86	7	110000	3890		117.8	RO
240B	06-19-86	28	149500	5290		116.9	RO
240C		Hold		Discard			RO

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-26-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 11th Story Deck, Lines 13 - 20, From B - D
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 4203
Measured Air Content, %: Not Measured
Batch Size cu.yds.: 10
Ambient Air Temperature, °F: 94
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 06-26-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: Date:
Water Added on Job, gal.: 5
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
341A	07-03-86	7	113000	4000		119.1	RO
341B	07-24-86	28		Discard		114.1	RO
341C		Hold		Discard			RO

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Dona Healy 1-6-88

1

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmitter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-30-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 11th Story Deck, Lines B - E, From 1 - 12
Material Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number 4391 Measured Air Content, % Not Measured
Batch Size cu. yds. 10 Ambient Air Temperature, °F 95
Mix Identification CM 2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 06-30-86
Time in Mixer 0 hrs. 50 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
348A	07-07-86	7	106000	3750		117.0	RO
348B	07-28-86	28	129000	4560		111.3	PP
348C	07-28-86	Hold	Discard				PP

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 41453182
Lab./Invoice No.
Date of Report 06-30-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 11th Story Deck, Lines B - E, From 1 - 12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 4391
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 95
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 06-30-86
Time in Mixer: 0 hrs. 50 min.
Submitted By:
Date:
Water Added on Job, gal.: 10
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
348A	07-07-86	7	106000	3750		117.0	RO
348B	07-28-86	28					
348C		Hold					

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Ipvoice No.
Date of Report 07-01-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 12th Story Deck, Lines D - K, From 20 - 25
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 4452
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 90
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 07-01-86
Time in Mixer: 0 hrs. 55 min.
Submitted By: Date:
Water Added on Job, gal.: 7
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
350A	07-08-86	7	114500	4050		116.7	RO
350B	07-29-86	28		Discard		111.3	RO
350C	07-29-86	Hold		Discard			RO

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Las Vegas, Nevada 89103
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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No: 4145J182
Lab./Invoice No.
Date of Report 07-03-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 12th Story Deck, Lines G-K, From 13-20
Material Supplier Stocks Mill & Supply Measured Slump, in. 6"
Ticket Number 8624 Measured Air Content, % Not Measured
Batch Size cu, yds. 10 Ambient Air Temperature, °F 84
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6X12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 07-03-86
Time in Mixer hrs. 50 min. Submitted By Date
Water Added on Job, gal. Authorized By Date
Test Procedure ASTMC 39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
355A	07-10-86	7	97000	3430		115.8	PJP
355B	07-31-86	28					
355C		Hold					

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 07-07-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 12th Story Deck, Lines 1-12, From B-E
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 4695
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 94
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 07-07-86
Time in Mixer: 1 hrs. 0 min.
Submitted By: Date:
Water Added on Job, gal.: 10
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
361 A	07-14-86	7	99500	3520		116.2	PP
361 B	08-04-86	28	127500	4510		112.4	PP
361 C		Hold	Discard				PP

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Doug Healy 1-6-88

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3611 West Tompkins Avenue
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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41457182
Lab./Invoice No.
Date of Report 07-07-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 12th Story Deck, Lines 1-12, From B-E
Material Supplier Stocks Mill & Supply — Measured Slump, in. 6
Ticket Number 4695 — Measured Air Content, % Not Measured
Batch Size cu. yds. 10 — Ambient Air Temperature, °F 94
Mix Identification CM 2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4 — Sampled By K. Singh — Date 07-07-86
Time in Mixer 1 hrs. 0 min. — Submitted By — Date
Water Added on Job, gal. 10 — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
361 A	07-14-86	7	99500	3520		116.2	PP
361 B	08-04-86	28					
361 C		Hold					

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Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-14-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 14th Story Deck, Lines 20-25, From D-K
Material Supplier Stocks Mill & Supply Measured Slump, in. 6½
Ticket Number 5127 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 94
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 07-14-86
Time in Mixer 1 hrs. 0 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
371A	07-21-86	7	81500	2880		114.8	PP
371B	08-11-86	28					
371C		Hold					

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Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hanely 1-6-88

WESTERN TECHNOLOGIES INC.

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Las Vegas, Nevada 89103
(702) 798-0050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-24-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 16th Story Deck, Lines D-K, From 20-25
Material Supplier Stocks Mill & Supply Measured Slump, in. 5 1/2
Ticket Number 5751 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 86
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 07-24-86
Time in Mixer hrs: 50 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
392A	07-31-86	7	91000	3220		115.1	PP
392B	08-21-86	28					
392C		Hold					

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Dona Hardy 8-6-86

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-28-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 16th Story Deck, Lines G-K, From 13-[illegible]
Material Supplier Stocks Mill & Supply — Measured Slump, in. 5 1/2
Ticket Number 5898 — Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 — Ambient Air Temperature, °F 80
Mix Identification CM2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 — Sampled By K. Singh — Date 07-28-86
Time in Mixer ____ hrs. 50 min. — Submitted By ____ — Date ____
Water Added on Job, gal. ____ — Authorized By ____ — Date ____
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
399A	08-04-86	7	117000	4140		116.3	PP
399B	08-25-86	28	Discard			111.9	PP
399C		Hold	Discard				PP

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Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite.

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-28-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 16th Story Deck, Lines B-D, From 13-20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 3/4
Ticket Number 5904
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 88
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 07-28-86
Time in Mixer hrs. 55 min.
Submitted By Date
Water Added on Job, gal. 15
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
400A	08-04-86	7	110500	3910		116.0	PP
400B	08-25-86	28					
400C		Hold					

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Dona Halsey 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete.

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-01-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 17th Story Deck, Lines G-K, From 13-20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 6181
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 90
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-01-86
Time in Mixer hrs. 52 min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
410A	08-08-86	7	93500	3310		116.2	PP
410B	08-29-86	28	135000	4780		111.0	PP
410C		Hold	Discard				PP

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Dona Hawley 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41451182
Lab/Invoice No.
Date of Report 08-01-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 17th Story Deck, Lines G-K, From 13-20
Material Supplier Stocks Mill & Supply Measured Slump, in. 5 1/2
Ticket Number 6181 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 90
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-01-86
Time in Mixer hrs 52 min. Submitted By Date
Water Added on Job, gal. Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
410A	08-08-86	7	93500	3310		116.2	PP
410B	08-29-86	28					
410C		Hold					

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Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-01-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 17th Story Deck, Lines B-D, From 13-20
Material Supplier Stocks Mill & Supply Measured Slump, in. 6
Ticket Number 6187 Measure Air Content, % Not Measured
Batch Size, cu. yds. 12 Ambient Air Temperature, °F 94
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-01-86
Time in Mixer 1 hrs. min. Submitted By Date
Water Added on Job, gal. 0 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
411A	08-08-86	7	111500	3940		116.9	PP
411B	08-29-86	28	150500	5320		111.3	PP
411C		Hold	Discard				PP

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Dona Hardy 1-6-87

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-01-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 17th Story Deck, Lines B-D, From 13-20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 6187
Measure Air Content, % Not Measured
Batch Size, cu. yds. 12
Ambient Air Temperature, °F 94
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 08-01-86
Time in Mixer 1 hrs. min.
Submitted By
Date
Water Added on Job, gal. 0
Authorized By
Date
Test Procedure ASTM C39-84B.
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
411A	08-08-86	7	111500	3940		116.9	PP
411B	08-29-86	28					
411C		Hold					

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Dona Hasely 1-6-87

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON: Light Weight Concrete

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-04-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 17th Story Deck, Lines B-E, From 1-12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 06281
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 12
Ambient Air Temperature, °F: 95
Mix Identification: CM2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 @ 28 days
Size of Specimens: 6 x 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 08-04-86
Time in Mixer: 1 hrs. 0 min.
Submitted By: Date:
Water Added on Job, gal.: 20
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
413A	08-11-86	7	86500	3060		116.6	PP
413B	09-01-86	28	113000	4000		108.3	JG
413C		Hold	Discard				PP

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client [redacted]ndia Design & Furnishings
East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-04-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 17th Story Deck, Lines B-E, From 1-12
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 06281
Measure Air Content, % Not Measured
Batch Size, cu. yds. 12
Ambient Air Temperature, °F 95
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 08-04-86
Time in Mixer 1 hrs. 0 min.
Submitted By
Date
Water Added on Job, gal. 20
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
413A	08-11-86	7	86500	3060		116.6	PP
413B	09-01-86	28					
413C		Hold					

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-05-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 18th Story Deck, Lines D-K, From 25-30
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 06367
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 95
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-05-86
Time in Mixer hrs. 50 min.
Submitted By Date
Water Added on Job, gal. 5
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

5

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
419A	08-12-86	7	95500	3380		116.2	PP
419B	09-02-86	28	131000	4630		110.5	PP
419C		Hold	Discard				PP

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WESTERN TECHNOLOGIES INC.

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-05-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 18th Story Deck, Lines D-K, From 20-25
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 06371
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature, °F: 98
Mix Identification: CM2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 x 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 08-05-86
Time in Mixer: hrs. 57 min.
Submitted By:
Date:
Water Added on Job, gal.: 10
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
420A	08-12-86	7	94500	3340		116.7	PP
420B	09-02-86	28	131500	4650		109.9	PP
420C		Hold	Discard				PP

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WESTERN TECHNOLOGIES INC.

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-05-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 18th Story Deck, Lines D-K, From 20-25
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 06371
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 98
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-05-86
Time in Mixer hrs. 57 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
420A	08-12-86	7	94500	3340		116.7	PP
420B	09-02-86	28					
420C		Hold					

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Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-07-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 18th Story Deck, Lines B-D, From 13-20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 4 1/2
Ticket Number 06542
Measure Air Content, % Not Measured
Batch Size, cu. yds. 12
Ambient Air Temperature, °F 95
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-07-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 5
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
424A	08-14-86	7	114000	4030		116.2	PP
424B	09-04-86	28	Discard			109.4	PP
424C		Hold	Discard				PP

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WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145.1182
Lab/Invoice No.
Date of Report 08-07-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 18th Story Deck, Lines G-K, From 13-20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 90
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-07-86
Time in Mixer hrs. 57 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
423A	08-14-86	7	110000	3890		117.1	PP
423B	09-04-86	28	150000	5310		110.3	PP
423C		Hold	Discard				PP

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WESTERN TECHNOLOGIES INC.
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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-07-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 18th Story Deck, Lines G-K, From 13-20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 90
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-07-86
Time in Mixer hrs. 57 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
423A	08-14-86	7	110000	3890		117.1	PP
423B	09-04-86	28					
423C		Hold					

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
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City of Las Vegas, (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-08-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer:
Source of Sample 18th Story Deck, Lines B-E, From 1-12
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 06582
Measure Air Content, % Not Measured
Batch Size, cu. yds. 12
Ambient Air Temperature, °F 90
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 08-08-86
Time in Mixer hrs. 57 min.
Submitted By
Date
Water Added on Job, gal. 10
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
428A	08-15-86	7	107000	3780		115.4	JG
428B	09-05-86	28	137500	4860		109.3	PP
428C		Hold	Discard				PP

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bargman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dana Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-08-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 18th Story Deck, Lines B-E, From 1-12
Material Supplier Stocks Mill & Supply Measured Slump, in. 5 1/2
Ticket Number 06582 Measure Air Content, % Not Measured
Batch Size, cu. yds. 12 Ambient Air Temperature, °F 90
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-08-86
Time in Mixer hrs. 57 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
428A	08-15-86	7	107000	3780		115.4	JG
428B	09-05-86	28					
428C		Hold					

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-11-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 19th Story Deck, Lines D-K, From 25-30
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 06692
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 93
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-11-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 25
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
433A	08-18-86	7	100000	3540		116.3	PP
433B	09-08-86	28	137500	4860		110.6	PP
433C		Hold	Discard				PP

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Dona Haley 1-6-88

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41453182
Lab/Invoice No.
Date of Report 08-11-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 19th Story Deck, Lines D-K, From 25-30
Material Supplier Stocks Mill & Supply — Measured Slump, in. 5 1/2
Ticket Number 06692 — Measured Air Content, % Not Measured
Batch Size, cu. yds. 10 — Ambient Air Temperature, °F 93
Mix Identification CM2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 — Sampled By K. Singh — Date 08-11-86
Time in Mixer 1 hrs. 0 min. — Submitted By — Date
Water Added on Job, gal. 25 — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
433A	08-18-86	7	100000	3540		116.3	PP
433B	09-08-86	28					
433C		Hold					

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-05-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 18th Story Deck, Lines D-K, From 25-30
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2"
Ticket Number 06367
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 95
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-05-86
Time in Mixer hrs. 50 min.
Submitted By Date
Water Added on Job, gal. 5
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
419A	08-12-86	7	95500	3880		116.2	PP
419B	09-02-86	28					
419C		Hold					

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Done Already 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-11-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 19th Story Deck, Lines D-K, From 20-25
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 06700
Measure Air Content, % Not Measured
Batch Size, cu. yds. 12
Ambient Air Temperature, °F * 95
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-11-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
434A	08-18-86	7	88000	3110		115.9	PP
434B	09-08-86	28	118000	4170		109.6	PP
434C		Hold	Discard				PP

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-11-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 19th Story Deck, Lines D-K, From 20-25
Material Supplier Stocks Mill & Supply Measured Slump, in. 6
Ticket Number 06700 Measure Air Content, % Not Measured
Batch Size, cu. yds. 12 Ambient Air Temperature, °F 95
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-11-86
Time in Mixer hrs. min. Submitted By Date
Water Added on Job, gal. Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
434A	08-18-86	7	88000	3110		115.9	PP
434B	09-08-86	28					
434C		Hold					

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-12-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample Elevator Mechanical Room Center Core
Material Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number 07084 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 98
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-12-86
Time in Mixer hrs. 58 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
440A	08-19-86	7	104000	3680		117.9	PP
440B	09-09-86	28	145000	5130		112.3	PP
440C		Hold	Discard				PP

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-12-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Mechanical Room Center Core
Material Supplier Stocks Mill & Supply
Ticket Number 07084
Batch Size, cu. yds. 10
Mix Identification CM2239
Design Strength, psi 4000 / 28 days
Max. Size Aggregate, in. 3/4
Time in Mixer hrs. 58 min.
Water Added on Job, gal. 10
Test Procedure ASTM C39-84B
Remarks:

Measured Slump, in. 5
Measure Air Content, % Not Measured
Ambient Air Temperature, °F 98
No. of Specimens Molded 3
Size of Specimens 6" x 12"
Sampled By K. Singh Date 08-12-86
Submitted By Date
Authorized By Date

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
440A	08-19-86	7	104000	3680		117.9	PP
440B	09-09-86	28					
440C		Hold					

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-13-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 19th Story Deck, Lines G-K, From 13-20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 06738
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 93
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-13-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
444A	08-20-86	7	109000	3860		117.9	PP
444B	09-10-86	28	140000	4950		113.0	PP
444C		Hold	Discard				PP

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
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City of Las Vegas, (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3641 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-13-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 19th Story Deck, Lines G-K, From 13-20
Material Supplier Stocks Mill & Supply Measured Slump, in. 5 1/2
Ticket Number 06738 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 93
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-13-86
Time in Mixer 1 hrs. 0 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load Pounds-Force	Compressive Strength Maximum Load psi	Type Fracture If Other Than Cone	Unit Weight	Tested By
444A	08-20-86	7	109000	3860		117.9	PP
444B	09-10-86	28					
444C		Hold					

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-13-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 19th Story Deck, Lines B-C, From 13-20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 06741
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 93
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-13-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 7
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
445A	08-20-86	7	100500	3560		118.3	PP
445B	09-10-86	28	134000	4740		111.7	PP
445C		Hold	Discard				PP

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Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Habibi 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
120 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-13-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 19th Story Deck, Lines B-C, From 13-20
Material Supplier Stocks Mill & Supply — Measured Slump, in. 5 1/2
Ticket Number 06741 — Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 — Ambient Air Temperature, °F 93
Mix Identification CM2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 — Sampled By K. Singh — Date 08-13-86
Time in Mixer 1 hrs. 0 min. — Submitted By — Date
Water Added on Job, gal. 7 — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking Number	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load: Pounds Force	Compressive Strength Maximum Load: psi	Type Fracture If Other Than Cone	Unit Weight	Tested By
445A	08-20-86	7	100500	3560		118	PP
445B	09-10-86	28					
445C		Held					

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City of Las Vegas, (1) Jobsite

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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41457182
Lab/Invoice No.
Date of Report: 08-14-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 19th Story Deck, Lines B-E, From 1-12
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 06886
Measure Air Content, %: Not Measured
Batch Size, cu yds:
Ambient Air Temperature, °F: 88
Mix Identification: CM2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 x 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 08-14-86
Time in Mixer: 1 hrs. 0 min.
Submitted By: Date:
Water Added on Job, gal.: 15
Authorized By: Date:
Test Procedure: ASTM C39-84
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
447A	08-21-86	7	106500	3770		116.9	PP
447B	09-11-86	28	136500	4830		112.8	PP
447C		Hold	Discard				PP

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WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-14-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 19th Story Deck, Lines B-E, From 1-12
Material Supplier Stocks Mill & Supply — Measured Slump, in. 6
Ticket Number 06856 — Measure Air Content, % Not Measured
Batch Size, cu. yds. — Ambient Air Temperature, °F 88
Mix Identification C2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 — Sampled By K. Singh V — Date 08-14-86
Time in Mixer 1 hrs. 0 min. — Submitted By — Date
Water Added on Job, gal. 15 — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
447A	08-21-86	7	106500	3770		116.9	PP
447B	09-11-86	28					
447C		Hold					

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Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Haisley 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-15-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 20th Story Deck, Lines 30 to 20-5, From K to E
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 06951
Measure Air Content, %: Not Measured
Batch Size, cu. yds.:
Ambient Air Temperature, °F: 89
Mix Identification: CM2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 x 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 08-15-86
Time in Mixer: hrs. 30 min.
Submitted By: Date:
Water Added on Job, gal.: 15
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
451A	08-22-86	7	94000	3330		118.2	PP
451B	09-12-86	28	125000	4420		111.6	PP
451C		Hold	Discard				PP

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Done Tests 1-6-88

WESTERN TECHNOLOGIES, INC.
3611 West Tompkins Avenue
Las Vegas, Nevada, 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 8145J182
Lab/Invoice No.
Date of Report 08-19-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction — Architect/Engineer:
Source of Sample: 20th Story Deck, Lines 30 to 20-5, From K to E
Material Supplier: Stocks Mill & Supply — Measured Slump, in.: 6
Ticket Number: 06951 — Measure Air Content, %: Not Measured
Batch Size, cu. yds.: — Ambient Air Temperature, °F: 89
Mix Identification: CM2239 — No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days — Size of Specimens: 6 x 12
Max. Size Aggregate, in.: 3/4 — Sampled By: K. Singh — Date: 08-15-86
Time in Mixer: hrs. 30 min. — Submitted By: — Date:
Water Added on Job, gal.: 15 — Authorized By: — Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load: Pounds Force	Compressive Strength Maximum Load: psi	Type Fracture If Other Than Cone	Unit Weight	Tested By
451A	08-22-86	7	94000	3330		118.2	PP
451B	09-12-86	28					
451C		Hold					

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41453182
Lab/Invoice No.
Date of Report 08-15-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 20th Story Deck, Lines 30 to 20-5, From K to E
Material Supplier Stocks Mill & Supply Measured Slump, in.
Ticket Number 06957 Measure Air Content, % Not Measured
Batch Size, cu. yds. Ambient Air Temperature, °F 92
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-15-86
Time in Mixer hrs. 30 min. Submitted By Date
Water Added on Job, gal. 20 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
452A	08-22-86	7	108000	3820		117.8	PP
452B	09-12-86	28	129000	4560		110.7	PP
452C		Hold	Discard				PP

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145/182
Lab/Invoice No.
Date of Report 08-15-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 20th Story Deck, Lines 30 to 20-5, From K to E
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 06957
Measure Air Content, % Not Measured
Batch Size, cu. yds.
Ambient Air Temperature, °F 92
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-15-86
Time in Mixer. hrs. 30 min.
Submitted By Date
Water Added on Job, gal. 20
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
452A	08-22-86	7	108000	3820		117.8	PP
452B	09-12-86	28					
452C		Hold					

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41451182
Lab/Invoice No.
Date of Report 08-19-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 20th Story Deck, Lines B-D, From 13-20
Material Supplier: Stocks Mill & Supply
Ticket Number: 07244
Batch Size, cu. yds.: 10
Mix Identification: CM2239
Design Strength, psi: 4000 / 28 days
Max. Size Aggregate, in.: 3/4
Time in Mixer: 1 hrs. 0 min.
Water Added on Job, gal.: 15
Test Procedure: ASTM C39-84B
Remarks:

Measured Slump, in.: ± 5
Measure Air Content, %: Not Measured
Ambient Air Temperature, °F: 102
No. of Specimens Molded: 3
Size of Specimens: 6 x 12
Sampled By: K. Singh Date: 08-19-86
Submitted By: Date:
Authorized By: Date:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
456A	08-26-86	7	107500	3800		117.1	PP
456B	09-16-86	28	152000	5380		109.0	PP
456C		Hold	Discard				PP

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-19-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 20th Story Deck, Lines B-D, From 13-20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 07244
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 102
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-19-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 15
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
456A	08-26-86	7	107500	3800		119.1	PP
456B	09-16-86	28					
456C		Hold					

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Sierra Construction (1) Mail
Martin & Associates (1) Mail
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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-0050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlahdia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-19-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 20th Story Deck, Lines G-K, From 13-20
Material Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 102
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-19-86
Time in Mixer 1 hrs. 0 min. Submitted By Date
Water Added on Job, gal. 15 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
455A	08-26-86	7	114500	4050		116,5	PP
455B	09-16-86	28	Discard			110.1	PP
455C		Hold	Discard				PP

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Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-20-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 20th Story Deck, Lines B-E, From 1-12
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 07336
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 100
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-20-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
459A	08-27-86	7	97000	3430		118.9	PP
459B	09-17-86	28	126000	4460		110.5	PP
459C		Hold	Discard				PP

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Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dina Hadley 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-20-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 20th Story Deck, Lines B-E, From 1-12
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 07336
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 100
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-20-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on-Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
459A	08-27-86	7	97000	3430		118.9	PP
459B	09-17-86	28					
459C		Hold					

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-21-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 21st Story Deck, Lines D-K, From 25-30
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 07434
Measure Air Content, % Not Measured
Batch Size, cu. yds. 12
Ambient Air Temperature, °F 90
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in 3/4
Sampled By K. Singh Date 08-21-86
Time in Mixer 1 hrs 0 min.
Submitted By Date
Water Added on gal 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Conc	Unit Weight	Tested By
			Pounds Force	psi			
461A	08-28-86	7	92000	3250		118.6	PP
461B	09-18-86	28	120000	4240		111.1	PP
461C		Hold	Discard				PP

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
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City of Las Vegas, (1) Jobsite

129 E. Fremont
SPEC REPORTS

Done Deal - 1-6-87

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-21-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction — Architect/Engineer:
Source of Sample: 21st Story Deck, Lines D-K, From 25-30
Material Supplier: Stocks Mill & Supply — Measured Slump, in.: 5 1/2
Ticket Number: 07434 — Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 12 — Ambient Air Temperature, °F: 90
Mix Identification: CM2239 — No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days — Size of Specimens: 6 x 12
Max. Size Aggregate, in.: 3/4 — Sampled By: K. Singh — Date: 08-21-86
Time in Mixer: 1 hrs. 0 min. — Submitted By: — Date:
Water Added on Job, gal.: 10 — Authorized By: — Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load - Pounds Force	Compressive Strength Maximum Load - psi	Type Fracture If Other Than Cone	Unit Weight	Tested By
461A	08-28-86	7	92000	3250		118.6	PP
461B	09-18-86	28					
461C		Hold					

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Done Daily 7-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-21-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 21st Story Deck, Lines D-K, From 20-25
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 07440
Measure Air Content, % Not Measured
Batch Size, cu. yds. 12
Ambient Air Temperature, °F 95
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-21-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 15
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
462A	08-28-86	7	97000	3430		118.3	PP
462B	09-18-86	28	131000	4630		113.0	PP
462C		Hold	Discard				PP

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Riedel 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada, 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-21-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 21st Story Deck, Lines D-K, From 20-25
Material Supplier Stocks Mill & Supply — Measured Slump, in. 6
Ticket Number 07440 — Measure Air Content, % Not Measured
Batch Size, cu. yds. 12 — Ambient Air Temperature, °F 95
Mix Identification CM2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 — Sampled By K. Singh — Date 08-21-86
Time in Mixer 1 hrs. 0 min. — Submitted By — Date
Water Added on Job, gal. 15 — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
462A	08-28-86	7	97000	3430		118.3	PP
462B	09-18-86	28					
462C		Hold					

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Doug Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-25-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 21st Story Deck, Lines G-K, From 13-20
Material Supplier Stocks Mill & Supply Measured Slump, in. 5 1/2
Ticket Number 07580 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 85
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-25-86
Time in Mixer 1 hrs. 0 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
470A	09-01-86	7	117000	4140		118.4	PP
470B	09-22-86	28	Discard			114.5	PP
470C		Hold	Discard				PP

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Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Designs Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-25-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 21st Story Deck, Lines G-K, From 13-20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 07580
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 85
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 08-25-86
Time in Mixer 1 hrs. 0 min.
Submitted By
Date
Water Added on Job, gal. 10
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture - If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
470A	09-01-86	7	117000	4140		118.4	PP
470B	09-22-86	28	Discard				PP
470C		Hold	Discard				PP

Copies to: Client (1) Mail
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Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-25-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 21st Story Deck, Lines B-D, From 13-20
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 07587
Measure Air Content, % Not Measured
Batch Size, cu. yds. 12
Ambient Air Temperature, °F 90
Mix Identification - CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-25-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
471A	09-01-86	7	114000	4030		119.7	JG
471B	09-22-86	28	Discard			114.3	PP
471C		Hold	Discard				PP

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-27-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 21st Story Deck, Lines B-E, From 1-12
Material Supplier Stocks Mill Supply Measured Slump, in. 5
Ticket Number 07713 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 95
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-27-86
Time in Mixer hrs. min. Submitted By Date
Water Added on Job, gal. Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
474A	09-03-86	7	99500	3520		118.4	PP
474B	09-24-86	28	126000	4460		110.6	PP
474C		Hold	Discard				PP

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas; (1) Jobsite

Brad Friedmutter 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-27-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 21st Story Deck, Lines B-E, From 1-12
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 07713
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 95
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-27-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
474A	09-03-86	7	99500	3520		118.4	PP
474B	09-24-86	28					
474C		Hold					

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Doris Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-29-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction — Architect/Engineer:
Source of Sample: Top Out Roof, Lines D-K, From 25-30
Material Supplier: Stocks Mill & Supply — Measured Slump, in.: 6
Ticket Number: 07877 — Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10 — Ambient Air Temperature, °F: 98
Mix Identification: CM2239 — No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days — Size of Specimens: 6 x 12
Max. Size Aggregate, in.: 3/4 — Sampled By: K. Singh — Date: 08-29-86
Time in Mixer: 1 hrs. 0 min. — Submitted By: — Date:
Water Added on Job, gal.: 25 — Authorized By: — Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
480A	09-05-86	7	91000	3220		117.9	PP
480B	09-26-86	28	128000	4530		110.8	PP
480C		Hold	Discard				PP

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Dona Haesly 4-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-29-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample Top Out Roof, Lines D-K, From 25-30
Material Supplier Stocks Mill & Supply — Measured Slump, in. 6
Ticket Number 07877 — Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 — Ambient Air Temperature, °F 98
Mix Identification CM2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 — Sampled By K. Singh — Date 08-29-86
Time in Mixer 1 hrs: 0 min. — Submitted By — Date
Water Added on Job, gal. 25 — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
480A	09-05-86	7	91000	3220		117.9	PP
480B	09-26-86	28					
480C		Hold					

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Penn Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-29-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample Top Out Roof, Lines D-K, From 20-25
Material Supplier Stocks Mill & Supply — Measured Slump, in. 5
Ticket Number 07883 — Measure Air Content, % Not Measured
Batch Size, cu. yds. 12 — Ambient Air Temperature, °F 99
Mix Identification CM2239 — No. of Specimens Molded 3
Design Strength, psi 4000 @ 28 days — Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 — Sampled By K. Singh — Date 08-29-86
Time in Mixer 1 hrs. 0 min. — Submitted By — Date
Water Added on Job, gal. 20 — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load: Pounds Force	Compressive Strength Maximum Load: psi	Type Fracture If Other Than Cone	Unit Weight	Tested By
481A	09-05-86	7	90000	3180		116.9	PP
481B	09-26-86	28					
481C		Hold					

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4845J182
Lab/Invoice No.
Date of Report 08-29-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Top Out Roof, Lines D-K, From 20-25
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 07883
Measure Air Content, % Not Measured
Batch Size, cu. yds. 12
Ambient Air Temperature, °F 99
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 08-29-86
Time in Mixer 1 hrs. 0 min.
Submitted By
Date
Water Added on Job, gal. 20
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
481A	09-05-86	7	90000	3180		116.9	PP
481B	09-26-86	28	121000	4280		111.4	PP
481C		Hold	Discard				PP

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WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No.: 4145J182
Lab/Invoice No.
Date of Report 09-05-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 21st Story Roof Top Out, Lines B-D, Lines 13-20
Material Supplier Stocks Mill & Supply Measured Slump, in. 6
Ticket Number 08162 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 93
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 09-05-86
Time in Mixer hrs 57 min. Submitted By Date
Water Added on Job, gal. 15 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
493A	09-12-86	7	92000	3250		112.9	PP
493B	10-03-86	28	119000	4210		112.4	RO
493C		Hold	Discard				RO

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Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 09-05-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 21st Story Roof Top Out, Lines B-D, Lines 13-20
Material Supplier Stocks Mill & Supply — Measured Slump, in. 6
Ticket Number 08162 — Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 — Ambient Air Temperature, °F 93
Mix Identification CM2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 — Sampled By K. Singh — Date 09-05-86
Time in Mixer hrs. 57 min. — Submitted By — Date
Water Added on Job, gal. 15 — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
493A	09-12-86	7	92000	3250		112.9	PP
493B	10-03-86	28					
493C		Hold					

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hanley 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 09-05-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 21st Story Roof Top Out, Lines G-K, From 13-20
Material Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number 08155 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 92
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 09-05-86
Time in Mixer 1 hrs. 0 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
492A	09-12-86	7	114000	4030		112.5	PP
492B	10-03-86	28	Discard			112.9	PP
492C		Hold	Discard				PP

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 09-19-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Confractor Sierra Construction
Architect/Engineer
Source of Sample 21st Story Roof Top Out, Lines B-E, From 1-12
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 08881
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 78
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 09-19-86
Time in Mixer hrs. 50 min.
Submitted By Date
Water Added on Job, gal. 5
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
516A	09-26-86	7	111000	3930		118.2	PP
516B	10-17-86	28					
516C		Hold					

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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City of Las Vegas, (1) Jobsite

Dona Hasely 1-6-88

CITY-of LAS VEGAS, DIVISION of BUILDING and SAFETY

INFORMATION INSPECTION RECORD

JOB Golden Nugget (Tower 4)

ADDRESS 129 E. Fremont St.

DATE

INSPECTOR Roger B. Ford

TYPE OF INSPECTION

The following records are for Tower 4

ACTION REQUIRED

REMARKS/INFORMATION

SIGNATURE

Dona Shealy ad · 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-21-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 2nd Story Deck, Lines A-D. From 20-30
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5½
Ticket Number: 2076
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 82
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6X12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 05-21-86
Time in Mixer: 0 hrs. 0 min.
Submitted By:
Date:
Water Added on Job, gal.: 0
Authorized By:
Date:
Test Procedure: ASTM C-39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
236A	05-28-86	7	88500	3130		116.3	MD
236B	06-18-86	28	128000	4530		110.7	RO
236C		Hold		Discard			RO

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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City of Las Vegas, (1) jobsite

Tony Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 05-21-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 2nd Story Deck, Lines A-D From 20-30
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5½
Ticket Number: 2076
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 82
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6X12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 05-21-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: Date:
Water Added on Job, gal.: 0
Authorized By: Date:
Test Procedure: ASTM C-39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
236A	05-28-86	7	88500	3130		116.3	MD
236B	06-18-86	28					
236C		Hold					

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Dona Hasely 1-6-88

CITY of LAS VEGAS, DIVISION of BUILDING and SAFETY

INFORMATION INSPECTION RECORD

JOB Golden Nugget (Tower 4)

ADDRESS 129 E. Fremont St.

DATE

INSPECTOR Roger B. Ford

TYPE OF INSPECTION

The following records are for Tower 4.

ACTION REQUIRED

REMARKS/INFORMATION

SIGNATURE

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103.
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings.
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-29-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 2nd Story Roof, Lines K.5-M, From 9-13
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 07925
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 100
Mix Identification CM2229
No. of Specimens Molded 3
Design Strength, psi 3000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-29-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
482A	09-05-86	7	85000	3010		116.9	PP
482B	09-26-86	28	Discard			108.6	PP
482C		Hold	Discard				PP

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Martin & Associates (1) Mail
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Dona Hasely 10-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 09-11-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 2nd Story Deck, Lines P-W, From 9-12
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 08458
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 87
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 09-11-86
Time in Mixer 1 hrs. 0 min.
Submitted By
Date
Water Added on Job, gal. 10
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force				
503A	09-18-86	7	104000	3680		116.9	PP ✓
503B	10-09-86	28	145000	5120		113.7	PP
503C		Hold	Discard				PP

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Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 09-11-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 2nd Story Deck, Lines P-W, From 9-12.6
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 08458
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 87
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 09-11-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
503A	09-18-86	7	104000	3680		116.9	PP
503B	10-09-86	28					
503C		Hold					

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dina Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-12-86
Reviewed By _____

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer _____
Source of Sample 2nd Story Roof Lines P-W, From 9 To 12.6
Material Supplier Stocks Mill & Supply
Measured Slump, in. 4
Ticket Number 08558
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 88
Mix Identification CM2229
No. of Specimens Molded 3
Design Strength, psi 3000 / 28 days
Size of Specimens 6"x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 09-12-86
Time in Mixer _____ hrs. 57 min.
Submitted By _____ Date _____
Water Added on Job, gal. 8
Authorized By _____ Date _____
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load: Pounds Force	Compressive Strength Maximum Load: psi	Type Fracture If Other Than Cone	Unit Weight	Tested By
508A	09-19-86	7	115000	4070		116.1	PP ✓
508B	10-10-86	28	Discard			115.3	PP ✓
508C		Hold	Discard				PP ✓

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Dona Hardy — 1-6-88

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHTWEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-03-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 3rd Story Deck, Lines K - M.6, From 20 - 30
Material Supplier Stocks Mill & Supply — Measured Slump, in. 6
Ticket Number 2741 — Measured Air Content, % Not Measured
Batch Size cu. yds. 10 — Ambient Air Temperature, °F 85
Mix Identification CM 2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4 — Sampled By K. Singh — Date 06-03-86
Time in Mixer 1 hrs. 0 min. — Submitted By — Date
Water Added on Job, gal. 0 — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
274A	06-10-86	7	102000	3610		119.2	RO
274B	07-01-86	28	140000	4950		113.9	RO
274C		Hold		Discard			RO

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Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

380 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-03-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 3rd Story Deck, Lines K - M.6, From 20 - 30
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 2741
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 85
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 06-03-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 0
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
274A	06-10-86	7	102000	3610		119.2	RO
274B	07-01-86	28					
274C		Hold					

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Dona Hasely 1-6-87

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-04-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction Architect/Engineer:
Source of Sample: 2nd Story Deck, Lines A - B, From 1,3, & 5 & 11 - 20
Material Supplier: Stocks Mill & Supply Measured Slump, in.: 5
Ticket Number: 2832 Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10 Ambient Air Temperature, °F: 87
Mix Identification: CM 2239 No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4 Sampled By: K. Singh Date: 06-04-86
Time in Mixer: 1 hrs. 0 min. Submitted By: Date:
Water Added on Job, gal.: 5 Authorized By: Date:
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
283A	06-11-86	7	119000	4210		120.9	RO
283B	07-02-86	28		Discard			RO
283C		Hold		Discard			RO

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Dona. Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
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(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. _____
Date of Report 06-09-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: _____
Source of Sample: 3rd & 2nd Story Deck Lines, K - M.6, 15 - 20
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 4
Ticket Number: 3071
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 87
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 06-09-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: _____
Date: _____
Water Added on Job, gal.: 0
Authorized By: _____
Date: _____
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
289A	06-16-86	7	106500	3770		121.3	RO
289B	07-07-86	28					
289C		Hold					

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-09-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 3rd & 2nd Story Deck Lines, K - M.6, 15 - 20
Material Supplier Stocks Mill & Supply Measured Slump, in. 4
Ticket Number 3071 Measured Air Content, % Not Measured
Batch Size cu. yds. 10 Ambient Air Temperature, °F 87
Mix Identification CM 2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 X 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 06-09-86
Time in Mixer 0 hrs. 50 min. Submitted By Date
Water Added on Job, gal. 0 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
289A	06-16-86	7	106500	3770		121.3	RO
289B	07-07-86	28	150000	5310		116.0	RO
289C		Hold		Discard			RO

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WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-10-86

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 2nd Story Deck, Lines T - Z, From 2 - 9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 3213
Measured Air Content, % Not Measured
Batch Size cu. yds. 10
Ambient Air Temperature, °F 90
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 X 12
Max. Aggregate, in. 3/4
Sampled By K. Singh Date 06-10-86
0 hrs. 50 min.
Submitted By Date
Added on Job, gal. 15
Authorized By Date
Test Procedure ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
297A	06-17-86	7	104000	3680		117.3	RO
297B	07-08-86	28	127000	4490		112.7	RO
297C		Hold		Discard			RO

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Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-10-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 2nd Story Deck, Lines T - Z, From 2 - 9
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 3213
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 90+
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 06-10-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: Date:
Water Added on Job, gal.: 15
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
297A	06-17-86	7	104000	3680		117.3	RO
297B	07-08-86	28					
297C		Hold					

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No. _____
Date of Report 06-10-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: _____
Source of Sample: 2nd Story Deck, Lines T - Z, From 2 - 9
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 3218
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 95
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 06-10-86
Time in Mixer: 0 hrs. 50 min.
Submitted By: _____ Date: _____
Water Added on Job, gal.: 10
Authorized By: _____ Date: _____
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
296A	06-17-86	7	113000	4000		119.3	RO
296B	07-08-86	28		Discard			RO
296C		Hold		Discard			RO

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Dona Hardy 1-6-88

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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-25-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction — Architect/Engineer:
Source of Sample: 2nd Story Deck, Lines 2 - 9, From L - T
Material Supplier: Stocks Mill & Supply — Measured Slump, in.: 5 3/4
Ticket Number: 4134 — Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10 — Ambient Air Temperature, °F: 92
Mix Identification: CM 2239 — No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days — Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4 — Sampled By: K. Singh — Date: 06-25-86
Time in Mixer: 1 hrs. 0 min. — Submitted By: — Date:
Water Added on Job, gal.: 10 — Authorized By: — Date:
Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
338A	07-02-86	7	102000	3610		117.4	RO
338B	07-23-86	28					
338C		Hold					

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON LIGHT WEIGHT CONCRETE

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Date of Report 06-25-86

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 2nd Story Deck, Lines 2 - 9, From L - T
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 4145
Measured Air Content, %: Not Measured
Batch Size cu. yds.: 10
Ambient Air Temperature, °F: 95
Mix Identification: CM 2239
No. of Specimens Molded: 3
Design Strength, psi: 4000 / 28 days
Size of Specimens: 6 X 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh Date: 06-25-86
Time in Mixer: 0 hrs. 57 min.
Submitted By: Date:
Water Added on Job, gal.: 5
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
339A	07-02-86	7	110500	3910		118.5	RO
339B	07-23-86	28					
339C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-15-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 3rd Story, Deck Lines U.5-W.5, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 6
Ticket Number 5217 Measure Air Content, % Not Measured
Batch Size, cu. yds. 11 Ambient Air Temperature, °F 92
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 07-15-86
Time in Mixer hrs. 52 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
376A	07-22-86	7	85000	3010		117.6	PP
376B	08-12-86	28	133500	4720		112.1	PP
376C		Hold	Discard				PP

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Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No: 4145J182
Lab/Invoice No.
Date of Report 07-15-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 3rd Story, Deck Lines U.5-W.5. From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 5217
Measure Air Content, % Not Measured
Batch Size, cu. yds. 11
Ambient Air Temperature, °F 92
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4"
Sampled By M. Singh Date 07-15-86
Time in Mixer hrs. 52 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
376A	07-22-86	7	85000	3010		117.6	PP
376B	08-12-86	28					
376C		Hold					

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Dona Hasely 1-6-88

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-15-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 3rd Story, Deck Lines Z-W.5, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 5211
Measure Air Content, % Not Measured
Batch Size, cu. yds. 11
Ambient Air Temperature, °F 90
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 07-15-86
Time in Mixer hrs. 50 min.
Submitted By Date
Water Added on Job, gal. 12
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
375A	07-22-86	7	87000	3080		116.5	PP
375B	08-12-86	28	129500	4580		111.9	PP
375C		Hold	Discard				PP

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145/182
Lab/Invoice No.
Date of Report 07-15-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 3rd Story, Deck Lines Z-W.5, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 6
Ticket Number 5211 Measure Air Content, % Not Measured
Batch Size, cu. yds. 11 Ambient Air Temperature, °F 90
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 07-15-86
Time in Mixer hrs. 50 min. Submitted By Date
Water Added on Job, gal. 12 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Specimen Age in Days	Compressive Strength Maximum Load Pounds Force	psi	Type Fracture If Other Than Cone	Unit Weight	Tested By
375A 375B 375C	28 Hold	87000	3080		116.5	PP

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-22-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 3rd Story Deck, Lines T-U,5, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 3/4
Ticket Number 5572
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 78
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 07-22-86
Time in Mixer hrs. 52 min.
Submitted By Date
Water Added on Job, gal. 7
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
389A	07-29-86	7	85000	3010		114.8	PP
389B	08-19-86	28	125000	4420		110.4	PP
389C		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-22-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 3rd Story Deck, Lines T-U.5, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 3/4
Ticket Number 5572
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 78
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 07-22-86
Time in Mixer hrs. 52 min.
Submitted By
Date
Water Added on Job, gal. 7
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
389A	07-29-86	7	85000	3010		114.8	PP
389B	08-19-86	28					
389C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-22-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 3rd Story Deck, Lines N-R,5, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 5 1/2
Ticket Number 5578 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 / Ambient Air Temperature, °F 78
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 07-22-86
Time in Mixer hrs. 50 min. Submitted By Date
Water Added on Job, gal. 5 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
387A	07-29-86	7	91000	3220		116.6	PP
387B	08-19-86	28	134000	4740		112.8	PP
387C		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-22-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 3rd Story Deck, Lines N-R,5, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 5 1/2
Ticket Number 5578 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 78
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 07-22-86
Time in Mixer hrs. 50 min. Submitted By Date
Water Added on Job, gal. 5 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
387A	07-29-86	7	91000	3220		116.6	PP
387B	08-19-86	28					
387C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-22-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 3rd Story Deck, Lines R.5-T, From 2-9
Material Supplier Stocks Mill & Supply — Measured Slump, in. 5 1/2
Ticket Number 5586 — Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 — Ambient Air Temperature, °F 78
Mix Identification CM2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 — Sampled By K. Singh — Date 07-22-86
Time in Mixer hrs. 56 min. — Submitted By — Date
Water Added on Job, gal. 10 — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks;

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
388A	07-29-86	7	101500	3590		118.2	PP
388B	08-19-86	28	144500	5110		113.5	PP
388C		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-22-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 3rd Story Deck, Lines R.5-T, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 5586
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 78
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 07-22-86
Time in Mixer hrs. 56 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
388A	07-29-86	7	101500	3590		118.2	PP
388B	08-19-86	28					
388C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmitter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-29-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 4th Story Deck, Lines N-R, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 5 1/2
Ticket Number 6029 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 93
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singhe Date 07-29-86
Time in Mixer hrs. 57 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
403A	08-01-86	3	73500	2600		115.4	PP
403B	08-05-86	7	95000	3360		115.0	PP
403C	08-26-86	28	127000	4490		111.4	PP

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Las Vegas, Nevada 89103
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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-29-86
Reviewed By J. Riddel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 4th Story Deck, Lines N-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 6029
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 93
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 07-29-86
Time in Mixer hrs. 57 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		X Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
403A	08-01-86	3	73500	2600		115.4	PP
403B	08-05-86	7	95000	3360		115.0	PP
403C	08-26-86	28					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-29-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 4th Story Deck, Lines N-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 6029
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 93
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 07-29-86
Time in Mixer hrs. 57 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
403A	08-01-86	3	73500	2600		115.4	PP
403B	08-05-86	28					
403C	08-26-86	Hold					

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City of Las Vegas, (1) Jobsite

Dona Hadley 1-6788

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-31-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 4th Story Deck, Lines R-Z From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 4½
Ticket Number 6131 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 90
Mix Identification CM 2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6x12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 7-31-86
Time in Mixer hrs. 57 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C-39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load: Pounds Force	Compressive Strength Maximum Load: psi	Type Fracture If Other Than Cone	Unit Weight	Tested By
406A	08-07-86	7	112500	3980		119.6	PJP
406B	08-28-86	28	138000	4880		114.5	PJP
406C		Hold	Discard				PJP

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Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 07-31-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 4th Suspended Deck, Lines R-Z From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 4½
Ticket Number 6131 Measure Air Content, % Not Measured
Batch Size, cu yds 10 Ambient Air Temperature, °F 90
Mix Identification CN 2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6x12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 7-31-86
Time in Mixer hrs. 57 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C-39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
406A	08-07-86	7	112500	3980		119.6	PJP
406B	08-28-86	28					
406C		Hold					

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Brad Friedmutter 1-6-88

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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-04-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 5th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 4½
Ticket Number 06296
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 102
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-04-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load: Pounds Force	Compressive Strength Maximum Load: psi	Type Fracture If Other Than Cone	Unit Weight	Tested By
414A	08-11-86	7	115500	4090		120.2	PP
414B	09-01-86	28	Discard				PP
414C		Hold	Discard				PP

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Dina Shealy 1-6-88

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-06-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 5th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 4 1/2
Ticket Number 06441
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 92
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-06-86
Time in Mixer hrs. 57 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
422A	08-13-86	7	107000	3780		117.1	PP
422B	09-03-86	28	140000.	4950		110.6	PP
422C		Hold	Discard				PP

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City of Las Vegas, (1) Jobsite

Don Hensley 1-6-88

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-06-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 5th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 4 1/2
Ticket Number 06441
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 92
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-06-86
Time in Mixer hrs. 57 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
422A	08-13-86	7	107000	3780		117.1	PP
422B	09-03-86	28					
422C		Hold					

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Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hoesly 1-6-88

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COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145.182
Lab/Invoice No. ADF86031
Date of Report 08-08-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 6th Story Deck. Lines L-R. From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 4 1/2
Ticket Number 0660 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 92
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-08-86
Time in Mixer 1 hrs. 0 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
429A	08-15-86	7	104000	3680		116.5	JG
429B	09-05-86	28	141500	5010		110.6	PP
429C		Hold	Discard				PP

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas; (1) Jobsite

Dona Shelby 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-08-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 6th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 4 1/2
Ticket Number 0660
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 92
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 08-08-86
Time in Mixer 1 hrs. 0 min.
Submitted By
Date
Water Added on Job, gal. 10
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
429A	08-15-86	7	104000	3680		116.5	JG
429B	09-05-86	28					
429C		Hold					

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 08-12-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 6th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. ± 4 1/2
Ticket Number 07067 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 93
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-12-86
Time in Mixer hrs. min. Submitted By Date
Water Added on Job, gal. Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
439A	08-19-86	7	116000	4100		118.1	PP
439B	09-09-86	28	Discard			111.3	PP
439C		Hold	Discard				PP

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
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LABORATORY REPORT

C

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-13-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 2nd Story, Roof Lines E to J, From 2-12
Material Supplier Stocks Mill & Supply
Measured Slump, in. 4 1/2
Ticket Number 07084
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 95
Mix Identification CM2229
No. of Specimens Molded 3
Design Strength, psi 3000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-13-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
446A	08-20-86	7	91000	3220		118.1	PP
446B	09-10-86	28	Discard			110.7	PP
446C		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-14-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 7th Story Deck, Lines 2-9, From J to Midway T-U
Material Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number 06875 Measure Air Content, % Not Measured
Batch Size, cu. yds. Ambient Air Temperature, °F 90
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-14-86
Time in Mixer hrs. 45 min. Submitted By Date
Water Added on Job, gal. Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
448A	08-21-86	7	107000	3780		117.2	PP
448B	09-11-86	28	135000	4780		110.1	PP
448C		Hold	Discard				PP

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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-14-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 7th Story Deck, Lines 2-9, From J to Midway T-U
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 06875
Measure Air Content, % Not Measured
Batch Size, cu. yds.
Ambient Air Temperature, °F 90
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-14-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-8
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
448A	08-21-86	7	107000	3780		117.2	PP
448B	09-11-86	28					
448C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-15-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 7th Story Deck, Midway T-U to Z, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 06977
Measure Air Content, % Not Measured
Batch Size, cu. yds.
Ambient Air Temperature, °F 100
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-15-86
Time in Mixer hrs. ±30 min.
Submitted By Date
Water Added on Job, gal. 15
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age, in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
453A	08-22-86	7	104000	3680		117.9	PP
453B	09-12-86	28	132000	4670		110.6	PP
453C		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 415J182
Lab/Invoice No. ADF86031
Date of Report 08-15-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 7th Story Deck, Midway T-U to Z, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 6
Ticket Number 06977 Measure Air Content, % Not Measured
Batch Size, cu yds. Ambient Air Temperature, °F 100
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-15-86
Time in Mixer hrs. 30 min. Submitted By Date
Water Added on Job, gal. 15 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load: Pounds Force /	Compressive Strength Maximum Load: psi	Type Fracture If Other Than Cone	Unit Weight	Tested By
453A	08-22-86	7	104000	3680		117.9	PP
453B	09-12-86	28					
453C		Hold					

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129 E. Fremont
SPEC REPORTS

Work Sheet 1-6-87

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-19-86
Reviewed By J. Riede

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 8th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 07625
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 102
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-19-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
457A	08-26-86	7	116500	4120		116.9	PP
457B	09-16-86	28	Discard			108.0	PP
457C		Hold	Discard				PP

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Dona Hanley 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-20-86
Reviewed By

Project Golden Nugget Tower
Location 1st. & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 8th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 07367
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 105
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-20-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
460A	08-27-86	7	105500	3730		119.1	PP
460B	09-17-86	28	138000	4880		112.3	PP
460C		Hold	Discard				PP

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Las Vegas, Nevada 89103
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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-20-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 8th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 07367
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 105
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-20-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
460A	08-27-86	7	105500	3730		119.1	PP
460B	09-17-86	28					
460C		Hold					

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-22-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 9th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 07520
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 98
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-22-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 5
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specified Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
469A	08-29-86	7	102600	3630		119.2	PP
469B	09-19-86	28	155000	5480		111.3	PP
469C		Hold	Discard				PP

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-22-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 9th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number 07520 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 98
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-22-86
Time in Mixer 1 hrs. 0 min. Submitted By Date
Water Added on Job, gal. 5 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
469A	08-29-86	7	102500	3630		119.2	PP
469B	09-19-86	28					
469C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-26-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 9th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number 06739 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 85
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 08-26-86
Time in Mixer 1 hrs. 0 min. Submitted By Date
Water Added on Job, gal. 5 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
472A	09-02-86	7	111000	3930		118.2	PP
472B	09-23-86	28	144500	5110.		114.0	PP
472C		Hold	Discard				PP

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-26-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 9th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 06739
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 85
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-26-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 5
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
472A	09-02-86	7	111000	3930		118.2	PP
472B	09-23-86	28					
472C		Hold					

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Dona Hasely 1-6-88

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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-27-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 10th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 07735
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 90
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 08-27-86
Time in Mixer hrs. min.
Submitted By
Date
Water Added on Job, gal.
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
475A	09-03-86	7	107000	3780		117.6	PP
475B	09-24-86	28	133000	4700		111.3	PP
475C		Hold	Discard				

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dora Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-27-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 10th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 07735
Measure Air Content, % Not Measured
Batch-Size, cu. yds. 10
Ambient Air Temperature, °F 90
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 08-27-86
Time in Mixer hrs. min.
Submitted By
Date
Water Added on Job, gal.
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
475A	09-03-86	7	107000	3780		117.6	PP
475B	09-24-86	28					
475C		Hold					

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Atlandia Design, Attn: Mr. Joel Bergner A.I.A. (1) Mail
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Dona Hoesly 9-6-88

WESTERN TECHNOLOGIES INC.

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-02-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 10th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 07985
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 90
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 09-02-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
486A	09-09-86	7	116000	4100		119.0	PP
486B	09-30-86	28	Discard				PP
486C		Hold	Discard				PP

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Boca Ready 1-6-87

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-04-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 11th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number Measure Air Content, % Not Measured
Batch Size, cu. yds. 12 Ambient Air Temperature, °F 93
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 09-04-86
Time in Mixer hrs. 57 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds/Force	psi			
491A	09-11-86	7	118000	4170		117.7	PP
491B	10-02-86	28	Discard				PP
491C		Hold	Discard				

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86081
Date of Report 09-05-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 11th Story Deck, Lines R-Z, From 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 08165
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10
Ambient Air Temperature; °F: 90
Mix Identification: CM2239
No. of Specimens Molded: 3
Design Strength: 4000 / 28 days
Size of Specimens: 6 x 12
Max. Size Aggregate, in.: 3/4
Sampled By: K. Singh
Date: 09-05-86
Time in Mixer: 1 hrs. 0 min.
Submitted By:
Date:
Water Added on Job, gal.: 10
Authorized By:
Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
494A	09-12-86	7	103000	3640		111.3	PP
494B	10-03-86	28	128000	4530		112.2	RO
494C		Hold	Discard				RO

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Dona Hardy 1-6-88

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Las Vegas, Nevada 89103
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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmatter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-05-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 11th Story Deck, Lines R-2, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 08165
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 90
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 09-05-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
494A	09-12-86	7	103000	3640		111.3	PP
494B	10-03-86	28					
494C		Hold					

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-09-86
Reviewed By CPW

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 12th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number 08320 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 80
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 09-09-86
Time in Mixer 1 hrs. 0 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight (pcf)	Tested By
			Pounds Force	psi			
497A	09-16-86	7	112500	3980		110.8	PP ✓
497B	10-07-86	28	152000	5380		116.3	RO
497C		Hold	Discard				RO

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Dona Stocks 1-6-88

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-09-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 12th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 08320
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 80
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 09-09-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
497A	09-16-86	7	112500	3980		110.8	pp
497B	10-07-86	28					
497C		Hold					

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Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Rina Hardy 1-6-88

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-10-86
Reviewed By CPW

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 12th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 5 1/2
Ticket Number 08407 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 85
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 09-10-86
Time in Mixer hrs. 57 min. Submitted By Date
Water Added on Job, gal. Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight (pcf)	Tested By
			Pounds Force	psi			
502A	09-17-86	7	104000	3680		116.9	PP
502B	10-08-86	28	137000	4850		114.2	PP
503C		Hold	Discard				PP

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City of Las Vegas, (1) Jobsite

Dona Hanley 11-6-88.

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-10-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 12th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 08407
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 85
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 09-10-86
Time in Mixer hrs. 57 min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
502A	09-17-86	7	104000	3680		116.9	PP
502B	10-08-86	28					
503C		Hold					

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hardy Jr 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-12-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 13th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 08517
Measure Air Content, % Not Measured.
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 87
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 09-12-86
Time in Mixer 1 hrs. 0 min.
Submitted By
Date
Water Added on Job, gal. 10
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
507A	09-19-86	7	120000	4240		116.4	PP
507B	10-10-86	28	Discard			114.9	PP
507C		Hold	Discard				PP

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Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dave Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab Invoice No. ADF86031
Date of Report 09-15-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 13th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number Measure Air Content, % Not Measured
Batch Size, cu. yds. 11 Ambient Air Temperature, °F 78
Mix Identification S-109 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/8 Sampled By K. Singh Date 09-15-86
Time in Mixer 1 hrs. 0 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
509A	09-22-86	7	117000	4130		118.3	PP ✓
509B	10-13-86	28	Discard			114.7	PP ✓
509C		Hold	Discard				PP ✓

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City of Las Vegas, (1) Jobsite

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LABORATORY REPORT

COMRRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-17-86
Reviewed By CPW

Project Golden Nugget Tower
Location 1st & Bridger
Cootractor Sierra Construction
Architect/Engineer
Source of Sample 14th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/4
Ticket Number 806031
Measure Air Content, % Not Measured
Batch Size, cu. yds. 11
Ambient Air Temperature, °F 78
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in: 3/4
Sampled By K. Singh Date 09-17-86
Time in Mixer hrs. 57 min.
Submitted By Date
Water Added on Job, gal. 5
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight(pcf)	Tested By
			Pounds Force	psi			
510A	09-24-86	7	113000	3990		118.2	PP
510B	10-15-86	28	146000	5160		114.8	RO
510C		Hold	Discard				RO

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Dona Hasely 1-6-88

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LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-17-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 14th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/4
Ticket Number 806031
Measure Air Content, % Not Measured
Batch Size, cu. yds. 11
Ambient Air Temperature, °F 78
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 09-17-86
Time in Mixer hrs. 57 min.
Submitted By Date
Water Added on Job, gal. 5
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
510A	09-24-86	7	113000	3990		118.2	PP
510B	10-15-86	28					
510C		Hold					

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Dona Hoesly 9-6-88

WESTERN TECHNOLOGIES INC.

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-18-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 14th Story Deck, Lines R-Z, From 2-
Material Supplier Stooks Mill & Supply
Measured Slump, in. 5
Ticket Number 08787
Measure Air Content, % Not Measured
Batch Size, cu. yds. 12
Ambient Air Temperature, °F 80
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 09-18-86
Time in Mixer 1 hrs. 0 min.
Submitted By
Date
Water Added on Job, gal. 10
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
515A	09-25-86	7	112000	3960		116.5	PP
515B	10-16-86	28	150000	5310		114.4	RO
515C		Hold		Discard			RO

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86931
Date of Report 09-18-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 14th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number 08787 Measure Air Content, % Not Measured
Batch Size, cu. yds. 12 Ambient Air Temperature, °F 80
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 09-18-86
Time in Mixer 1 hrs. 0 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
515A	09-25-86	7	112000	3960		116.5	PP
515B	10-16-86	28					
515C		Hold					

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Shirley 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-22-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 15th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/4
Ticket Number
Measure Air Content, % Not Measured
Batch Size, cu. yds. 11
Ambient Air Temperature, °F 78
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 09-22-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 5
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
520A	09-29-86	7	99000	3500		118.0	PP ✓
520B	10-20-86	28	142000	5020		114.7	PJP
520C		Hold	Discard				

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Dona Hanely 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-22-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 15th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/4
Ticket Number
Measure Air Content, % Not Measured
Batch Size, cu. yds. 11
Ambient Air Temperature, °F 78
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 09-22-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal: 5
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
520A	09-29-86	7	99000	3500		118.0	PP
520B	10-20-86	28					
520C		Hold					

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Dona Hasley 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-24-86
Reviewed By CPW

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 15th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 09034
Measure Air Content, % Not Measured
Batch Size, cu. yds. 11
Ambient Air Temperature, °F 78
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 09-24-86
Time in Mixer 1 hrs. 0 min.
Submitted By
Date
Water Added on Job, gal. 5
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture Of Other Than Cone	Unit Weight (pcf)	Tested By
			Pounds Force	psi			
521A	10-01-86	7	87000	3080			PP
521B	10-22-86	28	130000	4600		112.5	RO
521C		Hold	Discard				

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Dona Hasely 1-6-87

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-24-86
Reviewed By _____

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer _____
Source of Sample 15th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number 09034 Measure Air Content, % Not Measured
Batch Size, cu. yds. 11 Ambient Air Temperature, °F 78
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 09-24-86
Time in Mixer 1 hrs. 0 min. Submitted By _____ Date _____
Water Added on Job, gal. 5. Authorized By _____ Date _____
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
521A	10-01-86	7	87000	3080			PP
521B	10-22-86	28					
521C		Hold					

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Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-26-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 16th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number 09279 Measure Air Content, % Not Measured
Batch Size, cu. yds. 11 Ambient Air Temperature, °F 53
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 09-26-86
Time in Mixer 1 hrs. 0 min. Submitted By Date
Water Added on Job, gal. 5 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
522A	10-03-86	7	104000	3680		117.6	RO
522B	10-24-86	28	143000	5060		114.7	PP
522C		Hold	Discard				

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-26-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 16th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 09219
Measure Air Content, % Not Measured
Batch Size, cu. yds. 11
Ambient Air Temperature, °F 53
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 09-26-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 5
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
522A	10-03-86	7	104000	3680		117.6	RO
522B	10-24-86	28					
522C		Hold					

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-29-86
Reviewed By CPW

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 16th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 09345
Measure Air Content, % Not Measured
Batch Size, cu. yds. 11
Ambient Air Temperature, °F 70
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 09-29-86
Time in Mixer hrs. 57 min.
Submitted By Date
Water Added on Job, gal. 15
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight (pcf)	Tested By
			Pounds Force	psi			
526A	10-06-86	7	106000	3750		118.9	PP ✓
526B	10-27-86	28	150000	5310		116.8	PP
526C		Hold	Discard				

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-29-86
Reviewed By _____

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer _____
Source of Sample 16th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 09345
Measure Air Content, % Not Measured
Batch Size, cu. yds. 11
Ambient Air Temperature, °F 70
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 09-29-86
Time in Mixer _____ hrs. 57 min.
Submitted By _____
Date _____
Water Added on Job, gal. 15
Authorized By _____
Date _____
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
526A	10-06-86	7	106000	3750		118.9	PP
526B	10-27-86	28					
526C		Hold					

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41452182
Lab/Invoice No.
Date of Report 10-01-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 17th Story Deck, Lines, L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 09447
Measure Air Content, % Not Measured
Batch Size, cu. yds. 11
Ambient Air Temperature, °F 76
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 10-01-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight (pcf)	Tested By
			Pounds Force	psi			
530A	10-08-86	7	101000	3570		119.1	PP
530B	10-29-86	28					
530C		Hold					

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Dona Hanley 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 10-02-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 17th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply — Measured Slump, in. 5 1/2
Ticket Number 09531 — Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 — Ambient Air Temperature, °F 75
Mix Identification CM2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 — Sampled By K. Singh — Date 10-02-86
Time in Mixer 1 hrs. 0 min. — Submitted By — Date
Water Added on Job, gal. 5 — Authorized By — Date
Test Procedure ASTM C39-84
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
531A	10-09-86	7	111500	3940		118.6	PP
531B	10-30-86	28					
531C		Hold					

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 10-06-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample 18th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply — Measured Slump, in. 5
Ticket Number 09653 — Measure Air Content, % Not Measured
Batch Size, cu. yds. 11 — Ambient Air Temperature, °F 78
Mix Identification CM2239 — No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days — Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 — Sampled By K. Singh — Date 10-06-86
Time in Mixer hrs. 57 min. — Submitted By — Date
Water Added on Job, gal. 10 — Authorized By — Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
535A	10-13-86	7	110000	3890		118.9	PP
535B	11-03-86	28					
535C		Hold					

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Dona Hanely 1-6-88

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 10-07-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 18th Story Deck, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 4
Ticket Number 09637 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 78
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 10-07-86
*Time in Mixer hrs. 57 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight (pcf)	Tested By
			Pounds Force	psi			
536A	10-14-86	7	106000	3750		117.8	PP
536B	11-04-86	28				—	
536C		Hold					

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

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Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 10-09-86
Reviewed By _____

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer _____
Source of Sample 19th Story Deck, Lines L-R, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 09855
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 75
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 10-09-86
Time in Mixer 1 hrs. 0 min.
Submitted By _____ Date _____
Water Added on Job, gal. 10
Authorized By _____ Date _____
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
541A	10-16-86	7	96500	3410		119.5	RO
541B	11-06-86	28					
541C		Hold					

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Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129. East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 10-10-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 19th story deck lines R-Z from 2-9.*
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 09929
Measure Air Content, % Not Measured
Batch Size, cu. yds. 11
Ambient Air Temperature, °F 67
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4,000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 10-10-86
Time in Mixer hrs. 55 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM,C39-84B

Remarks:

*Also tower connecting bridges 3, 4, 5, and 6 floors.

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight (pcf)	Tested By
			Pounds Force	psi			
542 A	10-17-86	7	110,000	3890		118.8	RO
542 B	11-7-86	28					
542 C		Hold					

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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City of Las Vegas, (1) Jobsite

Dona Haeb 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 10-13-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 20th story deck lines L-R from 2-9
Material Supplier Stocks Mill & Supply Measured Slump, in. 5"
Ticket Number 16038 Measure Air Content, % Not measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 70°
Mix Identification CM2239 No. of Specimens Molded 3
Design Strength, psi 4,000 / 28 days Size of Specimens 6x12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 10/13/86
Time in Mixer 1 hrs. 15 min. Submitted By Date
Water Added on Job, gal. 10 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load Pounds-Force	Compressive Strength Maximum Load psi	Type Fracture If Other Than Cone	Unit Weight	Tested By
546A	10/20/86	7	103,000	3640		118.4	PJP
546B	11/10/86	28					
546C		Hold					

Copies to:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dina Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 10-15-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 20th story deck lines R - 2, from 2 - 9,
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 10168
Measure Air Content, % Not Measured
Batch Size, cu. yds. 12
Ambient Air Temperature, °F 77
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4,000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 10-15-86
Time in Mixer hrs. min.
Submitted By
Date
Water Added on Job, gal.
Authorized By
Date
Test Procedure ASTM
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
551 A	10-22-86	7	107000	3790		118.2	RO
551 B	11-12-86	28					
551 C		Hold					

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Done Already 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. _____
Date of Report 09-19-86
Reviewed By _____

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer _____
Source of Sample 21st Story Roof Top Out, Lines B-E, From 1-12
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 08881
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 78
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 09-19-86
Time in Mixer _____ hrs. 50 min.
Submitted By _____
Date _____
Water Added on Job, gal. 5
Authorized By _____
Date _____
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
516A	09-26-86	7	111000	3930		118.2	PP
516B	10-17-86	28	151,000	5340		115.4	RO
516C		Hold	Discard				

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF 86031
Date of Report 10-16-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 21st story deck, lines L - R from 2 - 9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 10261
Measure Air Content, % Not Measured
Batch Size, cu. yds. 12
Ambient Air Temperature, °F 78
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4,000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh
Date 10-16-86
Time in Mixer 1 hrs. 0 min.
Submitted By
Date
Water Added on Job, gal. 10
Authorized By
Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
553 A	10-23-86	7	87500	3100		115.4	PJP ✓
553 B	11-13-86	28					
553 C		Hold					

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report 10-20-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample 21st story deck - lines R-Z, from 2-9.
Material Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number 10468 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F 65
Mix Identification CM 2239 No. of Specimens Molded 3
Design Strength, psi 4,000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 10-20-86
Time in Mixer hrs. 55 min. Submitted By Date
Water Added on Job, gal. 5 Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight (pcf)	Tested By
			Pounds Force	psi			
557 A	10-27-86	7	108000	3820		118.1	PP
557 B	11-17-86	28					
557 C		Hold					

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hawley 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 10-14-86
Reviewed By CPW

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 8th story tower bridge
Concrete Supplier Stocks Mill & Supply
Ticket Number 10141
Batch Size, cu.yds. 7
Mix Identification CM2356
Design Strength, psi 4,000 / 28 days
Max. Size Aggregate, in. 3/4
Time in Mixer 1 hrs. 0 min.
Water Added on Job, gal. 5
Test Procedure ASTM C39-84B
Remarks

Measured Slump, in. 4 1/2
Measured Air Content, % Not Measured
Concrete Temperature, °F 70
Ambient Air Temperatuge, °F 78
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By K. Singh Date 10-14-86
Submitted By Date
Authorized By Date

Note: Cylinders are 6 in x 12 in., area = 28.27 sq in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
547A	10-21-86	7	115,000	4070			RO
547B	11-11-86	28	Discard				
547C		Hold	Discard				

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A.. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 10-15-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Tower Bridges 7th & 9th floor
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 10211
Measure Air Content, % Not Measured
Batch Size, cu. yds. 6
Ambient Air Temperature, °F 78
Mix Identification CM 2239
No. of Specimens Molded 3
Design Strength, psi 4,000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 10-15-86
Time in Mixer [redacted] hrs. min.
Submitted By Date
Water Added on Job, gal. 7
Authorized By Date
Test Procedure ASTM
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
552 A	10-22-86	7	105000	3710		117.9	RO
552 B	11-12-86	28					
552 C		Hold					

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joal Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 10-17-86
Reviewed By _____

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer _____
Source of Sample Tower Bridges 10, 11, 12, 13 floors
Material Supplier Stocks Mill & Supply Measured Slump, in. 5 3/4
Ticket Number 10367 Measure Air Content, % Not Measured
Batch Size, cu. yds. 10 Ambient Air Temperature, °F. 72
Mix Identification CM 2239 No. of Specimens Molded 75
Design Strength, psi 4,000 / 28 days Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 10-17-86
Time in Mixer _____ hrs. 52 min. Submitted By _____ Date _____
Water Added on Job, gal. 5 Authorized By _____ Date _____
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
554 A	10-24-86	7	96000	3400		118.1	PJP
554 B	11-14-86	28					
554 C		Hold					

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Alarm Check 1-6-83

BUILDING DEPARTMENT
CITY OF LAS VEGAS

CORRECTION NOTICE

To: Eric Jasinkaitis
M. Sibella
Fire

Job Located at Golden Nugget Hotel Tower

I have this day inspected this structure and these premises and have found the following violations of City and/or State laws governing same: Top Mat Reinforcing (Transverse Bars)

3 ea. bars cut at all Joints.

- also

stirrups cut at all Joints.

Engineering Decision Required.

You are hereby notified to correct above violation and call for re-inspection.

Date 1/13/83 Roger Byford
Inspector

23.03 Do not remove this tag!

Dona Hardy 1-6-88

S E I

STEEL ENGINEERS, INCORPORATED

718 WEST MESQUITE . LAS VEGAS, NEVADA 89106 TELEPHONE 386-0023

January 15, 1986

Martin & Associates
1001 Rancho Drive South
Las Vegas, NV 89106

Attention: Roger Pelton

Re: Golden Nugget

Gentlemen:

The top transverse reinforcing steel for the elevator mass footing was detailed & shipped as a one piece bar. The shape of the bar was an inverted U with 4'-6" vertical legs and 49'-6" for the horizontal belly. While placing the iron in the field, it became apparent that where we have #18 & #11 jamb dwls standing vertically out of the footing we would have to cut some bars and thread them through the dwl arrangements. For all bars cut, the first cut was made 19-0 from the east end of the bar. The next bar was cut at a 10'-0" stagger. After the iron was placed, a #11x19-0 was placed across the cut, lapping 9'-6" to each side. The total number of bars cut was 17, and no more than 3 bars are cut at any one jamb location. Please advise as to whether this is acceptable.

Thank you,

Ken Night
Steel Engineers, Inc.

KN/llg

GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design intent of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Product Data & Samples", of the General Conditions and found largely noted corrections of the submittal. All State and Civil Authority requirements must be met.

☒ APPROVED AS NOTED — RESUBMISSION NOT REQUIRED
☐ NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT
☐ REJECTED — DO NOT RESUBMIT

BY KP DISCIPLINE STRUCTURAL
DATE 1/15/86

MARTIN & ASSOCIATES
1001 RANCHO DRIVE S., LAS VEGAS, NV 89114

Dona Hayes 1-6-83

BUILDING DEPARTMENT
CITY OF LAS VEGAS

CORRECTION NOTICE

Sierra Construction Corp
Roger Pelton
File

Job Located at ~~Golden Nugget~~ Hotel Tower

I have this day inspected this structure and these premises and have found the following violations of City and/or State laws governing same: all information, Supp. Calculations etc. which help to assist at a final decision pertaining to problems with the walls areas A & B will be sent to the City Building and Safety Department for their perusal

You are hereby notified to correct above violation and call for re-inspection.

Date 4-16-86 Roger B. Pelton
Inspector

23.03 Do not remove this tag!

BUILDING DEPARTMENT
CITY OF LAS VEGAS

CORRECTION NOTICE

Sierra Construction Co.

Job Located at Hotel Tower Golden Nugget

I have this day inspected this structure and these premises and have found the following violations of City and/or State laws governing same: Please be advised that as of this date the Building and Safety Department has recieved only Report #1 on Compaction checks Performed. since there have been more areas worked than reported on Report #1 this is a remainder that more reports are due

You are hereby notified to correct above violation and call for re-inspection.

Date 3-24-86 Roger B. Pelton
Inspector

23.03 Do not remove this tag!

BUILDING DEPARTMENT
CITY OF LAS VEGAS

CORRECTION NOTICE

B.P.C. Inc.
Sierra Construction Corp
File

Job Located at Golden Nugget Hotel Tower

I have this day inspected this structure and these premises and have found the following violations of City and/or State laws governing same: Numerous Cold Joint beam, drilled and epoxied dowels 2nd Floor Slab area A. Reinforcement bars not cut & bent properly Compaction Required Decision Required

You are hereby notified to correct above violation and call for re-inspection.

Date 4-28-86 Roger B. Pelton
Inspector

23.03 Do not remove this tag!

Done Hardy 1-6-88

BUILDING DEPARTMENT
CITY OF LAS VEGAS

Sierra Construction - Bill Koenig
Atlanta
File

CORRECTION NOTICE

2nd to 3rd Floor

Job Located at Golden Nugget
(Tower 4) Jet

I have this day inspected this structure and these premises and have found the following violations of City and/or State laws governing same: Columns at R-7, N-7, S-7 do not have the required Lap for rebar.

N-7 (1) Short - 2 1/2"

B-7 (2) Short - 5" & 6"

S-7 (1) Short - 4"

Structural Engineering notified by Sierra Construction on 6/27/86 about these conditions and verification stated to be provided a written okay would follow

You are hereby notified to correct above violation and call for re-inspection.

Date 11-4-86 Roger B. Ford
Inspector

23.03 Do not remove this tag!

BUILDING DEPARTMENT
CITY OF LAS VEGAS

To Morton Pelton asso. oc.
Bob Spinelli
File

CORRECTION NOTICE

Hotel Tower

Job Located at Golden Nugget

I have this day inspected this structure and these premises and have found the following violations of City and/or State laws governing same: Samples core have been taken in 2nd Floor Area A

Result: Rebars & Conduit - cut

Cores have been taken in East + West sides of Elevators

Result: East Side
Core #1 - 6" Hole
1" 6 Horizontal - Cut
2" 18" - Vertical - cut.
Core #2 - 6" Hole
1" 6 - Horizontal - Cut
West Side
1" 6 Horizontal - Cut

Structural Engineering Decision Required.

You are hereby notified to correct above violation and call for reinspection.

Date 5-2-86 Roger B. Ford
Inspector

23.03 Do not remove this tag!

Area Check - 1-6-88

BUILDING DEPARTMENT
CITY OF LAS VEGAS

Sierra Construction - B. Kenney
Atlandia
Elec

CORRECTION NOTICE

Job Located at Golden Nugget
Tower 3 (Areas A+B)

I have this day inspected this structure and these premises and have found the following violations of City and/or State laws governing same: Cracks in floor slabs throughout building

You are hereby notified to correct above violation and call for re-inspection.

Date 11/4/86 Inspector

23.03 Do not remove this tag!

BUILDING DEPARTMENT
CITY OF LAS VEGAS

Sierra Construction - B. Kenney
Atlandia
Elec

CORRECTION NOTICE

Job Located at Golden Nugget
Tower 4

I have this day inspected this structure and these premises and have found the following violations of City and/or State laws governing same: cracks in floor slabs throughout building

You are hereby notified to correct above violation and call for re-inspection.

Date 11/4/86 Inspector

23.03 Do not remove this tag!

Done Sheet 1-6-87

MARTIN & PELTYN

John A. Martin, S.E.
John A. Martin, Jr., S.E.
Roger M. Peltyn, P.E.

Eric Jasiukaitis, S.E.
Ronald R. Bennett, P.E.

November 6, 1986

City of Las Vegas Building Department
c/o Golden Nugget Hotel
129 E. Fremont
Las Vegas, Nevada 89101

Attention: Roger B. Ford, Building Dept. Inspector

Reference: Correction Notices - Golden Nugget Hotel
Towers #3 and #4

Dear Bob,

1. Reference is made to the Correction Notice dated 11/4/86, regarding Tower No. 4, column "R-7", "N-7" and "S-7" reinforcing steel lap lengths.

This office has structurally investigated required rebar lap lengths based on the actual loads carried by the bars in the field. We found that the length of shorter laps, as indicated in the Correction Notice, is structurally adequate to carry required design loads.

2. Reference is made to the Correction Notices dated 11/4/86 for Tower No. 3 (areas A and B) and Tower No. 4, regarding cracks in floor slabs throughout the buildings.

This office has field investigated the above-indicated cracks and found them to be concrete shrinkage cracks. Based on the above, it is our opinion that referenced concrete slabs are structurally acceptable to carry required design loads.

If you have any further questions on the above, please feel free to contact us.

Yours truly,
MARTIN, PELTYN & ASSOCIATES

Eric Jasiukaitis, S.E.

cc. Atlandia West - Joel Bergman
Atlandia East - Joel Bergman
Atlandia West - Brad Friedmutter
Sierra Construction - Gus Rapone

Work Sheet 1-6-88

C.

Viola Constr. Co. & Eric Tsoumbaris

CITY of LAS VEGAS, DIVISION of BUILDING and SAFETY

INFORMATION INSPECTION RECORD

JOB Golden Nugget Hotel Tower

ADDRESS 129 E. Fremont St.

DATE April 2, 1986

INSPECTOR Roger B. Ford

TYPE OF INSPECTION Concrete Masonry Units (Compressive Strength)

ACTION REQUIRED

Gentlemen

I have received a Test Report Concerning High Strength Concrete Masonry units.

The report Comes from Western Tech. Inc. it shows an average of 2770. P.S.I after approx. 5 days.

These blocks were taken from Jobsite, the remaining blocks are now in the Walls areas A & B - 3rd. Floors.

REMARKS/INFORMATION

I also recieved a Prism Report. 7 Day Compressive Strength Report of 2480. P.S.I

SIGNATURE Roger B. Ford

Dona Hasely 1-6-88

Sierra Construction Corp.
Atlandia

CITY of LAS VEGAS, DIVISION of BUILDING and SAFETY

INFORMATION INSPECTION RECORD

JOB Golden Nugget - Hotel Tower

ADDRESS 129 E. Fremont St.

DATE April 14, 1986

INSPECTOR Roger B. Ford

TYPE OF INSPECTION Concrete Test Reports

ACTION REQUIRED

A check of Concrete Compression Test Reports has revealed that the Maximum slumps on Concrete Mix Designs are being exceeded in too many cases.

CN-2239 has a maximum slump of 4", in some instances this slump has been exceeded by 2 1/2".

also,

CN-S-116 has a maximum slump of 6". This slump has been exceeded by 1" to 2".

REMARKS/INFORMATION

Please exert all efforts to Control slumps to no more than maximum for each Mix Design.

SIGNATURE Roger B. Ford

Dona Hawley · 1-6-88

Siena Construction Corp.
Atlandia
File

CITY of LAS VEGAS, DIVISION of BUILDING and SAFETY

INFORMATION INSPECTION RECORD

JOB Golden Nugget - Hotel Tower 1

ADDRESS 129 E. Fremont St.

DATE May 6, 1986

INSPECTOR Roger B. Ford

TYPE OF INSPECTION Information

ACTION REQUIRED

With the recent cutting of rebar in floor slabs and walls during concrete coring operations it becomes imperative that before any future coring that may be necessary that, proper authorities be notified.

Please inform all subcontractors of the above.

REMARKS/INFORMATION

SIGNATURE Roger B. Ford

Dona Hasely 1-6-88

Pamela Martin / Peltyn Associated Const. Corp. File

CITY of LAS VEGAS, DIVISION of BUILDING and SAFETY

INFORMATION INSPECTION RECORD

JOB Golden Nugget - Hotel Tower

ADDRESS 129 E. Fremont St.

DATE May 7, 1986

INSPECTOR Roger B. Ford

TYPE OF INSPECTION Information

ACTION REQUIRED

Gene Drilling - Elevator (Footing) West Side - opposite Column H-19

Result: Vertical and Horizontal Rebar cut

REMARKS/INFORMATION

Dave Peterson on Jobsite said it was O.K. (Nothing in writing)

SIGNATURE Roger B. Ford

Dona Hasely 1-6-88?

Doyle Rae
Atlandia
File.

CITY of LAS VEGAS, DIVISION of BUILDING and SAFETY

INFORMATION INSPECTION RECORD

JOB Golden Nugget

ADDRESS 129 E. Fremont Ave

DATE October 8, 1986

INSPECTOR Roger B. Ford

TYPE OF INSPECTION Check of Bolts & Welds.
Bridge - Cross Walks (Floors 3, 4, 5, 6, 7
In a just Completed inspection Western Technologies Inc. Inspector reported to me the following:

ACTION REQUIRED.

3rd Floor
All welds o.k.
Bolts have not been rattled to required tension.

4th Floor
(Same as 3rd Floor.

5th, 6th, 7th Floors

REMARKS/INFORMATION

Welds not Complete
Bolts have not been rattled to required tension

SIGNATURE

Dona Hasely 1-6-88

CITY of LAS VEGAS, DIVISION of BUILDING and SAFETY

Sierra Construction - Bill Kenning
Atlandia

INFORMATION INSPECTION RECORD

JOB Golden Dugget

ADDRESS 129 E. Fremont

DATE 11-6-86

INSPECTOR Roger B. Ford

TYPE OF INSPECTION Patching & Repairing

Locations: Area of Icemaker at Crosswalks

ACTION REQUIRED

Ceiling and floors need Patching and in some Cases repairing where break out of Concrete has occured

REMARKS/INFORMATION

SIGNATURE

Dona Hasely 1-6-88

COLS & WALLS

ETEC TESTING LABORATORIES, INC.
1365 Wynn Rd., Suite H • Las Vegas, NV 89110
(702) 367-0100

RECOMMENDED CONCRETE MIX DESIGN: S-116

Design Strength: 5000 PSI @ 28 Days; MSA: 3/8"; Size No. 8
Portland Cement Type II or V; 8.75 Sacks/CY
Water: 4.68 Gals/Sack; W/C = 0.42

Ready Mix Produce: Stocks Mill & Supply
Project: Golden Nugget Hotel & Casino - Sierra Construction
Type of Construction: Columns and Elevator Shafts
Source of Materials: Stocks Pit - Buffalo Road; Portland Cement: Southwest
Fine & Coarse Aggregate: Stocks Pit - Buffalo Road

PHYSICAL PROPERTIES OF AGGREGATES; ASTM C-33*

SIEVE ANALYSIS: AUG 1985

SIEVE SIZE	PERCENT PASSING U.S. STANDARD SIEVE FINE	NO. 8	COMBINED
1"		100	100
3/8"	100	100	100
No. 4	100	30	68
No. 8	87	4	50
No. 16	60	2	34
No. 30	45		19
No. 50	32		18
No. 100	8		4
No. 200	2.8		1.5
Bulk Specific Gravity SSD:	2.67	2.70	
Absorption Percent:	1.9	1.0	
Fineness Modulus:	2.68		

RECEIVED
FEB 7 1986

MIX PROPORTIONS FOR A 1.0 CUBIC YARD BATCH OF CONCRETE

Material	Solid Volume Percent	Computed Batch Weight in Pounds	Solid Volume In Cubic Feet
Coarse Agg. (3/8", SSD, Size No.8)	45	1315	7.802
Fine Aggregate (SSD)	55	1590	9.535
Water: 4.68 Gals/Sack = 41 Gallons		342	5.481
Cement: 8.75 Sacks/CY, Type II or V		822	4.182
Slump: 6"	TOTALS	4069	27.000

Theoretical Plastic Unit Weight = 150.7 PCF

Admixture: Master Builder's 322N: 5.0 fl.oz./100 lbs. cement.

Note: For each one percent water in sand in excess of 2 percent, deduct 1.9 gallons of water and add 16 pounds of sand.

Client: Stocks Mill & Supply, Las Vegas, NV
Date: 2/7/86 , Lab No: 630010-S116

*Available upon request.

RECEIVED
FEB -7 1986
SIERRA CONSTRUCTION CORP.
GENERAL CONTRACTORS

By: Kulwant S. Sahi P.E.
Nevada RCE #6640
2/7/86

SOILS INVESTIGATION AND FOUNDATION ENGINEERING; CONCRETE AND MATERIAL CONSULTANTS
MIX DESIGN SERVICES, TESTING SERVICES; TROUBLESHOOTING CONSULTANTS; NON-DESTRUCTIVE STEEL AND W

250.375/A20M/M10
CSI NO. 3.5

Dona Hasely 1-6-88

GOLDEN NUGGET — LAS VEGAS

This material has been reviewed for conformance with the Design Re-
lies of the Contract Documents in accordance with Article 4.12. Shop
Drawings, Product Data & Samples", of the General Conditions and does
not limit any requirements which may exist.

APPROVED AS NOTED — RESUBMISSION NOT REQUIRED
NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT
REJECTED — DO NOT RESUBMIT

DISCIPLINE Structural

DSP

DATE 2-2-88

MAYER & ASSOCIATES

1001 ROCK BLVD., LAS VEGAS, NV 89119

Dona Ghesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-11-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns, Lines B1,B2,C1,C2,B3, Second To Third Floors, first course

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 62

TICKET NO.: 51144

TEMPERATURE - AIR, °F: 52

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	67A	67B	67C		
DATE CAST	02-11-86	02-11-86	02-11-86		
DATE TESTED	02-18-86	03-11-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-18-86	03-11-86	03-11-86		
ULTIMATE LOAD - LBS.	130000	173000	Discard NO		
COMPRESSIVE STRENGTH - PSI	4600	6120			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

129 E. Fremont
SPEC REPORTS

Doris Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-11-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J.82

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns, Lines B1,B2,C1,C2,B3, Second To Third Floors, first course

MIX DESIGN: S-116

TYPE CEMENT:

SUPPLIER: Stocks/Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 62

TICKET NO.: 51144

TEMPERATURE - AIR, °F: 52

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: 1

SPECIMEN NO.	67A	67B	67C		
DATE CAST	02-11-86	02-11-86	02-11-86		
DATE TESTED	02-18-86	03-11-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-18-86				
ULTIMATE LOAD - LBS.	130000				
COMPRESSIVE STRENGTH - PSI	4600				

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City Of Las Vegas (1) Jobsite

Done Stocks 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LIGHTWEIGHT CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-12-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Pool House Roof

MIX DESIGN: 2239

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: J. Sorensen

TEMPERATURE - MIX, °F: 62

TICKET NO.: 51207

TEMPERATURE - AIR, °F: 56

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: 0

SPECIMEN NO.	69A	69B	69C		
UNIT WEIGHT, PCF	122.32	116.72			
DATE CAST	02-12-86	02-12-86	02-12-86		
DATE TESTED	02-19-86	03-12-86	03-12-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-19-86	03-12-86	03-12-86		
ULTIMATE LOAD - LBS.	111000	155000	Discard		
COMPRESSIVE STRENGTH - PSI	3930	5480			

Copies: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Hall 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Bonanza Avenue
Las Vegas, Nevada 89102
(702) 382-7463

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-12-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 3rd To 4th Level, Columns B6,B8,C6,C8,C10 & F5

MIX DESIGN: S116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: J. Sorensen

TEMPERATURE - MIX, °F: 62

TICKET NO.: 51247

TEMPERATURE - AIR, °F: 58

SLUMP - INCHES: 5 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	70A	70B	70C		
DATE CAST	02-12-86	02-12-86	02-12-86		
DATE TESTED	02-19-86	03-12-86	03-12-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-19-86	03-12-86	03-12-86		
ULTIMATE LOAD - LBS.	135000	175000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4780	6190			

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Done Already 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-12-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 3rd To 4th Level, Columns B6,B8,C6,C8,C10 & F5

MIX DESIGN: S116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: J. Sorensen

TEMPERATURE - MIX, °F: 62

TICKET NO.: 51247

TEMPERATURE - AIR, °F: 58

SLUMP - INCHES: 5 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	70A	70B	70C		
DATE CAST	02-12-86	02-12-86	02-12-86		
DATE TESTED	02-19-86	03-12-86	03-12-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-19-86				
ULTIMATE LOAD - LBS.	135000				
COMPRESSIVE STRENGTH - PSI	4780				

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-13-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns B10, 11,12 SECOND FLOOR

MIX DESIGN: S 116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: J. Sorensen

TEMPERATURE - MIX, °F: 72

TICKET NO.: 51362

TEMPERATURE - AIR, °F: 65

SLUMP - INCHES: 5 1/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	77A	77B	77C		
DATE CAST	02-13-86	02-13-86	02-13-86		
DATE TESTED	02-20-86	03-13-86	03-13-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-21-86	03-13-86	03-13-86		
ULTIMATE LOAD - LBS.	121000	170500	Discard RO		
COMPRESSIVE STRENGTH - PSI	4280	6030			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-13-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

SPECIMEN SAMPLED FROM: Columns B10, 11,12

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: S 116

TYPE CEMENT: II

DESIGN STRENGTH, PSI: 5000 @ 28 Days

MAX. SIZE AGGREGATE: Pea Gravel

TEMPERATURE - MIX, °F: 72

TEMPERATURE - AIR, °F: 65

AIR CONTENT - %: Not Measured

SUPPLIER: Stocks Mill & Supply

ADMIXTURE:

SAMPLED BY: J. Sorensen

TICKET NO.: 51362

SLUMP - INCHES: 5 1/4

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	77A	77B	77C		
DATE CAST	02-[illegible]-86	02-13-86	02-13-86		
DATE TESTED	02-20-86	03-13-86	03-13-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-21-86				
ULTIMATE LOAD - LBS.	121000				
COMPRESSIVE STRENGTH - PSI	4280				

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-14-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. B[illegible] Friedmutter

SPECIMEN SAMPLED FROM: 1st Level Walls, E,G,H & K

MIX DESIGN: S 116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: J. Sorensen

TEMPERATURE - MIX, °F: 66

TICKET NO.: 51388

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 6 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	72A	72B	72C		
DATE CAST	02-14-86	02-14-86	02-14-86		
DATE TESTED	02-21-86	03-14-86	03-14-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-21-86	03-14-86	03-14-86		
ULTIMATE LOAD - LBS.	130000	181000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4600	6400			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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City Of Las Vegas (1) Jobsite

Anna Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-14-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 1st Level Walls, E,G,H & K

MIX DESIGN: S 116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: J. Sorensen

TEMPERATURE - MIX, °F: 66

TICKET NO.: 51388

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 6 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	72A	72B	72C		
DATE CAST	02-14-86	02-14-86	02-14-86		
DATE TESTED	02-21-86	03-14-86	03-14-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-21-86				
ULTIMATE LOAD - LBS.	130000				
COMPRESSIVE STRENGTH - PSI	4600				

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City Of Las Vegas (1) Jobsite

Doria Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-14-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns, 2nd Level, C11 & 12

MIX DESIGN: S 116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: J. Sorensen

TEMPERATURE - MIX, °F: 69

TICKET NO.: 51440

TEMPERATURE - AIR, °F: 64

SLUMP - INCHES: 6

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	74A	74B	74C		
DATE CAST	02-14-86	02-14-86	02-14-86		
DATE TESTED	02-21-86	03-14-86	03-14-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-21-86	03-14-86	03-14-86		
ULTIMATE LOAD - LBS.	105000	162000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3710	5730			

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Hasely 4-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-14-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns, 2nd Level, C11 & 12

MIX DESIGN: S 116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: J. Sorensen

TEMPERATURE - MIX, °F: 69

TICKET NO.: 51440

TEMPERATURE - AIR, °F: 64

SLUMP - INCHES: 6

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	74A	74B	74C		
DATE CAST	02-14-86	02-14-86	02-14-86		
DATE TESTED	02-21-86	03-14-86	03-14-86		
AGE - DAYS	7	20	Hold		
DATE REPORTED	02-21-86				
ULTIMATE LOAD - LBS.	105000				
COMPRESSIVE STRENGTH - PSI	3710				

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Brad Friedmutter 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Bonston Avenue
Las Vegas, Nevada 89102
(702) 382-7433

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-14-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 1st Level Walls, E,G,H & K, Lines 20-32

MIX DESIGN: S116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: J. Sorensen

TEMPERATURE - MIX, °F: 67

TICKET NO.: 51398

TEMPERATURE - AIR, °F: 63

SLUMP - INCHES: 6

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	73A	73B	73C		
DATE CAST	02-14-86	02-14-86	02-14-86		
DATE TESTED	02-21-86	03-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-14-86	03-14-86	03-14-86		
ULTIMATE LOAD - LBS.	138000	185000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4880	6540			

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Fields 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-14-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns, 2nd Level, D-10,11,12

MIX DESIGN: S 116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: J. Sorensen

TEMPERATURE - MIX, °F: 70

TICKET NO.: 51442

TEMPERATURE - AIR, °F: 64

SLUMP - INCHES: 6 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: Tests Taken Because Concrete Was 2 1/2 Hours From Batch Time. Superintendent informed of Conditions And Said He Wanted To Use It.

SPECIMEN NO.	75A	75B	75C		
DATE CAST	02-14-86	02-14-86	02-14-86		
DATE TESTED	02-21-86	03-14-86	03-14-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-21-86	03-14-86	03-14-86		
ULTIMATE LOAD - LBS.	109000	172000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3860	6080			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
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City Of Las Vegas (1) Jobsite

Done Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-14-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 2nd Level Columns At B 10,11,12

MIX DESIGN: S 116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: J. Sorefisen

TEMPERATURE - MIX, °F: 68

TICKET NO.: 51457

TEMPERATURE - AIR, °F: 64

SLUMP - INCHES: 4 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	76A	76B	76C		
DATE CAST	02-14-86	02-14-86	02-14-86		
DATE TESTED	02-21-86	03-14-86	03-14-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-21-86	03-14-86	03-14-86		
ULTIMATE LOAD - LBS.	124000	168000	Discard RO		
COMPRESSIVE STRENGTH - PSI	43	5940			

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Healy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-14-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 2nd Level Columns At B 10,11,12

MIX DESIGN: S 116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: J. Sorensen

TEMPERATURE - MIX, °F: 68

TICKET NO.: 51457

TEMPERATURE - AIR, °F: 64

SLUMP - INCHES: 4 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	76A	76B	76C		
DATE CAST	02-14-86	02-14-86	02-14-86		
DATE TESTED	02-21-86	03-14-86	03-14-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-21-86				
ULTIMATE LOAD - LBS.	124000				
COMPRESSIVE STRENGTH - PSI	4390				

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City Of Las Vegas (1) Jobsite

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-20-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns E30, E29, G28, G29, G30, H28, H29, H30, Second To Third Floor

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 74

TICKET NO.: 51787

TEMPERATURE - AIR, °F: 70

SLUMP - INCHES: 4 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	83A	83B	83C		
DATE CAST	02-20-86	02-20-86	02-20-86		
DATE TESTED	02-27-86	03-20-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-27-86	03-20-86	03-20-86		
ULTIMATE LOAD - LBS.	114500	164000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4050	5800			

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Dona Hawley 1-6-88

WESTERN TECHNOLOGIES, INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-20-86

PROJECT NAME: Golden Nugget Tower.

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns E30, E29, G28, G29, G30, H28, H29, H30, Second To Third Floor

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 74

TICKET NO.: 51787

TEMPERATURE - AIR, °F: 70

SLUMP - INCHES: 4 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	83A	83B	83C		
DATE CAST	02-20-86	02-20-86	02-20-86		
DATE TESTED	02-27-86	03-20-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-27-86		/		
ULTIMATE LOAD - LBS.	114500				
COMPRESSIVE STRENGTH - PSI	4050				

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Dona Shirley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-21-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns G25, G26, G27, E24, Second To Third Floor

MIX DESIGN: S116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 75

TICKET NO.: 51861

TEMPERATURE - AIR, °F: 73

SLUMP - INCHES: 6 1/2

AIR CONTENT - %: Not Measured.

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	84A	84B	84C		
DATE CAST	02-21-86	02-21-86	02-21-86		
DATE TESTED	02-28-86	03-21-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-28-86	03-21-86	03-21-86		
ULTIMATE LOAD - LBS.	~~112~~500	176000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4010	6230			

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Dona Hoesly Inc 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-21-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

SPECIMEN SAMPLED FROM: Columns G25, G26, G27, E24, Second To Third Floor

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: S116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 75

TICKET NO.: 51861

TEMPERATURE - AIR, °F: 73

SLUMP - INCHES: 6 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	84A	84B	84C		
DATE CAST	02-21-86	02-21-86	02-21-86		
DATE TESTED	02-28-86	03-21-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-28-86				
ULTIMATE LOAD - LBS.	113500				
COMPRESSIVE STRENGTH - PSI	4010				

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Don Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-24-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns E25,24,23, G24,23, Second To third Floors

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 75

TICKET NO.: 51921

TEMPERATURE - AIR, °F: 76

SLUMP - INCHES: 4 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	85A	85B	85C		
DATE CAST	02-24-86	02-24-86	02-24-86		
DATE TESTED	03-03-86	03-24-86	03-24-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-03-86	03-24-86	03-24-86		
ULTIMATE LOAD - LBS.	131000	172000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4630	6080			

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Dona Hardy 1-6-88

WESTERN TECHNOLOGIES, INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-24-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns E25,24,23, G24,23, Second To third Floors

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 75

TICKET NO.: 51921

TEMPERATURE - AIR, °F: 76

SLUMP - INCHES: 4 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	85A	85B	85C		
DATE CAST	02-24-86	02-24-86	02-24-86		
DATE TESTED	03-03-86	03-24-86	03-24-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-03-86				
ULTIMATE LOAD - LBS.	131000				
COMPRESSIVE STRENGTH - PSI	4630				

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
1129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-25-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns H-23, K 26 to 30, Second to Third Floors

MIX DESIGN: S-116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 78

TICKET NO.: 51458

TEMPERATURE - AIR, °F: 82

SLUMP - INCHES: 5½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	87A	87B	87C		
DATE CAST	02-25-86	02-25-86	02-25-86		
DATE TESTED	03-04-86	03-25-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-04-86	03-25-86	03-25-86		
ULTIMATE LOAD - LBS.	125000	174500	Discard RO		
COMPRESSIVE STRENGTH - PSI	4420	6170			

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Dona Hardy 4-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-25-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

SPECIMEN SAMPLED FROM: Columns M-23, K 26 to 30, Second to Third Floors

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: S-116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 78

TICKET NO.: 51458

TEMPERATURE - AIR, °F: 82

SLUMP - INCHES: 5½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	87A	87B	87C		
DATE CAST	02-25-86	02-25-86	02-25-86		
DATE TESTED	03-04-86	03-25-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-04-86				
ULTIMATE LOAD - LBS.	125000				
COMPRESSIVE STRENGTH - PSI	4420				

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Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-26-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns H23, K23, 24,25, Second To Third Floor

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 80

TICKET NO.: 52101

TEMPERATURE - AIR, °F: 78

SLUMP -- INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	90A	90B	90C		
DATE CAST	02-26-86	02-26-86	02-26-86		
DATE TESTED	03-05-86	03-26-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-05-86	03-26-86	03-26-86		
ULTIMATE LOAD - LBS.	125000	167500	Discard MD		
COMPRESSIVE STRENGTH - PSI	4420	5930			

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Dina Shirley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-26-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: A145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns H23, K23, 24,25, Second To Third Floor

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 80

TICKET NO.: 52101

TEMPERATURE - AIR, °F: 78

SLUMP - INCHES: 5 1/2

AIR CONTENT %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	90A	90B	90C		
DATE CAST	02-26-86	02-26-86	02-26-86		
DATE TESTED	03-05-86	03-26-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-05-86				
ULTIMATE LOAD - LBS.	125000				
COMPRESSIVE STRENGTH - PSI	4420				

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Done Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-27-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns 2U, 2V,2W, Ground to Second Floors, First Course

MIX DESIGN: S-116

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 78

TICKET NO.: 52169

TEMPERATURE - AIR, °F: 82

SLUMP - INCHES: 5½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	91A	91B	91C		
DATE CAST	02-27-86	02-27-86	02-27-86		
DATE TESTED	03-06-86	03-27-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-06-86	03-27-86	03-27-86		
ULTIMATE LOAD - LBS.	117000	160000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4140	5660			

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Dona Haecbig 4-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-27-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns 2U, 2V, 2W, Ground to Second Floors, First Course

MIX DESIGN: S-116

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: JH Glagola

TEMPERATURE - MIX, °F: 78

TICKET NO.: 52169

TEMPERATURE - AIR, °F: 82

SLUMP - INCHES: 5½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	91A	91B	91C		
DATE CAST	02-27-86	02-27-86	02-27-86		
DATE TESTED	03-06-86	03-27-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-06-86				
ULTIMATE LOAD - LBS.	117000				
COMPRESSIVE STRENGTH - PSI	4140				

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Dona Hasely 1-6-87

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-28-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, Second Course, Ground To Second Floors

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 75

TICKET NO.: 52244

TEMPERATURE - AIR, °F: 78

SLUMP - INCHES: 6

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	92A	92B	92C		
DATE CAST	02-28-86	02-28-86	02-28-86		
DATE TESTED	03-07-86	03-28-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-07-86	03-28-86	03-28-86		
ULTIMATE LOAD - LBS.	123000	173000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4350	6120			

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City Of Las Vegas, (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-28-86

PROJECT NAME: Golden Nugget Tower.

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, Second Course, Ground To Second Floors

MIX DESIGN: S.116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 75

TICKET NO.: 52244

TEMPERATURE - AIR, °F: 78

SLUMP - INCHES: 6

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	92A	92B	92C		
DATE CAST	02-28-86	02-28-86	02-28-86		
DATE TESTED	03-07-86	03-28-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-07-86				
ULTIMATE LOAD - LBS.	123000				
COMPRESSIVE STRENGTH - PSI	4350				

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Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-28-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, Second Course, Ground To Second Floor

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 78

TICKET NO.: 52257

TEMPERATURE - AIR, °F: 8[illegible]

SLUMP - INCHES: 6

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	93A	93B	93C		
DATE CAST	02-28-86	02-28-86	02-28-86		
DATE TESTED	03-07-86	03-28-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-07-86	03-28-86	03-28-86		
ULTIMATE LOAD - LBS.	108000	154000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3820	5450			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Hardy 1-6-87

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-28-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, Second Course, Ground To Second Floor.

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 78

TICKET NO.: 52257

TEMPERATURE - AIR, °F: 80

SLUMP - INCHES: 6

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: 6

SPECIMEN NO.	93A	93B	93C		
DATE CAST	02-28-86	02-28-86	02-28-86		
DATE TESTED	03-07-86	03-28-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-07-86				
ULTIMATE LOAD - LBS.	108000				
COMPRESSIVE STRENGTH - PSI	3820				

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Dona Shealy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-28-86

PROJECT NAME: Golden Nugget Tower,

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns, Second Course, Grouhd To Second Floors, 2U, 2V, 2W, 9V & 9W

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: Ed/Sierra

TEMPERATURE - MIX, °F: 80

TICKET NO.: 52262

TEMPERATURE - AIR, °F: 82

SLUMP - INCHES:

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	94A	94B	94C		
DATE CAST	02-28-86	02-28-86	02-28-86		
DATE TESTED	03-07-86	03-28-86			
AGE - DAYS		28	Hold		
DATE REPORTED	03-07-86	03-28-86	03-28-86		
ULTIMATE LOAD - LBS.	102000	162000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3610	5730			

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-28-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns, Second Course, Ground To Second Floors, 2U, 2V, 2W, 9V & 9W

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: Ed/Sierra

TEMPERATURE - MIX, °F: 80

TICKET NO.: 52262

TEMPERATURE - AIR, °F: 82

SLUMP - INCHES:

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	94A	94B	94C		
DATE CAST	02-28-86	02-28-86	02-28-86		
DATE TESTED	03-07-86	03-28-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-07-86				
ULTIMATE LOAD - LBS.	102000				
COMPRESSIVE STRENGTH - PSI	3610				

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-03-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column Additions, East Of Lines P, From 38 To 39

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 75

TICKET NO.: S2329

TEMPERATURE - AIR, °F: 85

SLUMP - INCHES: 7

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	95A	95B	95C		
DATE CAST	03-03-86	03-03-86	03-03-86		
DATE TESTED	03-10-86	03-31-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-10-86	03-31-86	03-31-86		
ULTIMATE LOAD - LBS.	110000	143000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3890	5060			

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Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-03-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column Additions, East Of Lines P, From 38 To 39

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 75

TICKET NO.: 52329

TEMPERATURE - AIR, °F: 85

SLUMP - INCHES: 7

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	95A	95B	95C		
DATE CAST	03-03-86	03-03-86	03-03-86		
DATE TESTED	03-10-86	03-31-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-10-86				
ULTIMATE LOAD - LBS.	110000				
COMPRESSIVE STRENGTH - PSI	3890				

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-07-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

SPECIMEN SAMPLED FROM: Beam Line, East Of P, From 38 To 39

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 75

TICKET NO.: 52673

TEMPERATURE - AIR, °F: 78

SLUMP - INCHES: 8

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	100A	100B	100C		
DATE CAST	03-07-86	03-07-86	03-07-86		
DATE TESTED	03-14-86	04-04-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-14-86				
ULTIMATE LOAD - LBS.	103000				
COMPRESSIVE STRENGTH - PSI	3640				

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Dona Hasely 4-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-11-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, First Course, Second To Third Floors

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 69

TICKET NO.: 52760

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	101A	101B	101C		
DATE CAST	03-11-86	03-11-86	03-11-86		
DATE TESTED	03-18-86	04-08-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-18-86	04-08-86	04-08-86		
ULTIMATE LOAD - LBS.	108000	167000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3820	5910			

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Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-11-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, First Course, Second To Third Floors

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 69

TICKET NO.: 52760

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	101A	101B	101C		
DATE CAST	03-11-86	03-11-86	03-11-86		
DATE TESTED	03-18-86	04-08-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-18-86				
ULTIMATE LOAD - LBS.	108000				
COMPRESSIVE STRENGTH - PSI	3820				

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-11-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, First Course, Second To Third Floors

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 69

TICKET NO.: 10th Truck

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 5

AIR CONTENT %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	102A	102B	102C		
DATE CAST	03-11-86	03-11-86	03-11-86		
DATE TESTED	03-18-86	04-08-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-11-86	04-08-86	04-08-86		
ULTIMATE LOAD - LBS.	113000	173000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4000	6120			

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Brian Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-11-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, First Course, Second To Third Floors

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 69

TICKET NO.: 10th Truck

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	102A	102B	102C		
DATE CAST	03-11-86	03-11-86	03-11-86		
DATE TESTED	03-18-86	04-08-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-11-86				
ULTIMATE LOAD - LBS.	113000				
COMPRESSIVE STRENGTH - PSI	4000				

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Bone Healy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-19-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, Second Course Between Second & Third Floors

MIX DESIGN: S-116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 72

TICKET NO.: 53219

TEMPERATURE - AIR, °F: 69

SLUMP - INCHES: 6 1/4

AIR CONTENT - %:

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	108A	108B	108C		
DATE CAST	03-19-86	03-19-86	03-19-86		
DATE TESTED	03-26-86	04-16-86	05-14-86		
AGE - DAYS	7	28	56		
DATE REPORTED	03-26-86	04-16-86	05-14-86		
ULTIMATE LOAD - LBS.	105500	136000	143000		
COMPRESSIVE STRENGTH - PSI	3730	4810	5060		

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Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-19-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

SPECIMEN SAMPLED FROM: Elevator Walls, Second Course Between Second & Third Floors

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: S-116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 72

TICKET NO.: 53219

TEMPERATURE - AIR, °F: 69

SLUMP - INCHES: 6 1/4

AIR CONTENT - %:

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	108A	108B	108C		
DATE CAST	03-19-86	03-19-86	03-19-86		
DATE TESTED	03-26-86	04-16-86	05-14-86		
AGE - DAYS	7	28	56		
DATE REPORTED	03-26-86	04-16-86			
ULTIMATE LOAD - LBS.	105500	136000			
COMPRESSIVE STRENGTH - PSI	3730	4810			

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-19-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, Second Course Between Second & Third Floors

MIX DESIGN: S-116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 72

TICKET NO.: 53219

TEMPERATURE - AIR, °F: 69

SLUMP - INCHES: 6 1/4

AIR CONTENT - %:

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	108A	108B	108C		
DATE CAST	03-19-86	03-19-86	03-19-86		
DATE TESTED	03-26-86	04-16-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-26-86				
ULTIMATE LOAD - LBS.	105500				
COMPRESSIVE STRENGTH - PSI	3730				

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-19-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, Second Course, Between Second & Third Floors

MIX DESIGN: S-116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 73

TICKET NO.: 53228

TEMPERATURE - AIR, °F: 70

SLUMP - INCHES: 5

AIR CONTENT - %:

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	109A	109B	109C		
DATE CAST	03-19-86	03-19-86	03-19-86		
DATE TESTED	03-26-86	04-16-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-26-86	04-16-86	04-16-86		
ULTIMATE LOAD - LBS.	115000	167500	Discard MD		
COMPRESSIVE STRENGTH - PSI	4070	5930			

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Dina Hawley — 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-19-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, Second Course, Between Second & Third Floors

MIX DESIGN: S-116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Ciagola

TEMPERATURE - MIX, °F: 73

TICKET NO.: 53228

TEMPERATURE - AIR, °F: 70

SLUMP - INCHES: 5

AIR CONTENT - %:

NOMINAL DIMENSIONS - INCHES: X 12

COMMENTS: _____

SPECIMEN NO.	109A	109B	109C		
DATE CAST	03-19-86	03-19-86	03-19-86		
DATE TESTED	03-26-86	04-16-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-26-86				
ULTIMATE LOAD - LBS.	115000				
COMPRESSIVE STRENGTH - PSI	4070				

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Dona Shealy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-25-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Second Floor, Center, Elevator Lobby

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE: 15 oz HE

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 78

TICKET NO.: 53579

TEMPERATURE - AIR, °F: 72

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	117A	117B	117C		
DATE CAST	03-25-86	03-25-86	03-25-86		
DATE TESTED	04-01-86	04-22-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	04-01-86	04-22-86	04-22-86		
ULTIMATE LOAD - LBS.	127000	179500	Discard MD		
COMPRESSIVE STRENGTH - PSI	4490	6350			

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Sierra Construction (1) Mail
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City Of Las Vegas (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-25-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Second Floor, Center, Elevator Lobby

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE: 15 oz HE

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 78

TICKET NO.: 53579

TEMPERATURE - AIR, °F: 72

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	117A	117B	117C		
DATE CAST	03-25-86	03-25-86	03-25-86		
DATE TESTED	04-01-86	04-22-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	04-01-86				
ULTIMATE LOAD - LBS.	127000				
COMPRESSIVE STRENGTH - PSI	4490				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona. Shirley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-26-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, Second To Third Floors, Last Course

MIX DESIGN: S 116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: R. Ogle

TEMPERATURE - MIX, °F: 72

TICKET NO.: 53622

TEMPERATURE - AIR, °F: 74

SLUMP - INCHES: 4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	118A	118B	118C		
DATE CAST	03-26-86	03-26-86	03-26-86		
DATE TESTED	04-02-86	04-23-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	04-02-86	04-23-86	04-23-86		
ULTIMATE LOAD - LBS.	134000	195000	Discard MD		
COMPRESSIVE STRENGTH - PSI	4740	6900			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Ogle 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-26-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, Second To Third Floors, Last Course

MIX DESIGN: S 116

TYPE CEMENT: LI

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: R. Ogle

TEMPERATURE - MIX, °F: 72

TICKET NO.: 53622

TEMPERATURE - AIR, °F: 74

SLUMP - INCHES: 4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 x 12

COMMENTS: _____

SPECIMEN NO.	118A	118B	118C		
DATE CAST	03-26-86	03-26-86	03-26-86		
DATE TESTED	04-02-86	04-23-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	04-02-86				
ULTIMATE LOAD - LBS.	134000				
COMPRESSIVE STRENGTH - PSI	4740				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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City Of Las Vegas (1) Jobsite

Done. Hold 1-6-86

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-26-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 7145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls
2nd To 3rd Floors, Last Course

MIX DESIGN: S 116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: R. Ogle

TEMPERATURE - MIX, °F: 74

TICKET NO.: 53637

TEMPERATURE - AIR, °F: 78

SLUMP - INCHES: 6 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	119A	119B	119C		
DATE CAST	03-26-86	03-26-86	03-26-86		
DATE TESTED	04-02-86	04-23-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	04-02-86	04-23-86	04-22-86		
ULTIMATE LOAD - LBS.	124000	150500	Discard MD		
COMPRESSIVE STRENGTH - PSI	4390	5320			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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City Of Las Vegas (1) Jobsite

1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-26-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Elevator Walls, 2nd To 3rd Floors, East Course

MIX DESIGN: S 116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: R. Ogle

TEMPERATURE - MIX, °F: 74

TICKET NO.: 58637

TEMPERATURE - AIR, °F: 78

SLUMP - INCHES: 6 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	119A	119B	119C		
DATE CAST	03-26-86	03-26-86	03-26-86		
DATE TESTED	04-02-86	04-23-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	04-02-86				
ULTIMATE LOAD - LBS.	124000				
COMPRESSIVE STRENGTH - PSI	4390				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dana Healy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-26-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 2nd Floor, South Elevator Lobby

MIX DESIGN: S 116

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: Pea Gravel

SAMPLED BY: 5364J

TEMPERATURE - MIX, °F: 80

TICKET NO.: 3 3/4

TEMPERATURE - AIR, °F: 85

SLUMP - INCHES:

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	120A	120B	12DC		
DATE CAST	03-26-86	03-26-86	03-26-86		
DATE TESTED	04-02-86	04-23-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	04-02-86	04-02-86	04-02-86		
ULTIMATE LOAD - LBS.	148000	Discard RO	Discard RO		
COMPRESSIVE STRENGTH - PSI	5240				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Desk Check 1-6-88

C.

CUSTOMERS NAME

DELIVERY ADDRESS

LOAD NO. | ACCUM. YDS. | A.O. | JOB NO. | CODE | DELIVERY RECEIPT 54041

PLAN | UNIT | DESCRIPTION | PRICE | EXTENSION

YARDS | MIX | AGGREG

DMIXTURE

SALES TAX

DISCOUNT%

SUB-TOTAL

STANDING TIME

TOTAL

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP | WATER ADDED (GALLONS ON THE JOB) | TOTAL GALS | TRUCK NO. | DRIVER | RECEIVED | ACCEPTED BY

CUSTOMER COPY

STOCKS
... & SUPPLY
...PANY, INC.
Mix Concrete
Rock Sand Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89102
MAILING ADDRESS:
P.O. BOX 26...
...ARSIDE STATION
...AS VEGAS, NEVADA
89121
TELEPHONE (702) 876-6557

DATE | TIME | MINUTES

ARRIVED AT JOB

START UNLOADING

FINISHED UNLOADING

LEFT JOB

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hasely 1-6-88,

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-01-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Walls, 3rd To 4th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6. 1/4
Ticket Number: 54041
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 72
Mix Identification: S-116
Ambient Air Temperature, °F: 72
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 40 min.
Sampled By: J. Glagola Date: 04-01-86
Water Added on Job, gal.:
Submitted By: J. Glagola Date: 04-02-86
Test Procedure: ASTM C39-83B
Authorized By: Marty Date: 04-01-86
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force ≤	psi			
125A	04-08-86	7	107000	3780			RO
125B	04-29-86	28	172500	6100			MD
125C		Hold		Discard			MD

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hiesley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-01-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Walls, 3rd To 4th Floors
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6 1/4
Ticket Number 54041
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 72
Mix Identification S-116
Ambient Air Temperature, °F 72
Design Strength, psi 5000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 40 min.
Sampled By J. Glagola Date 04-01-86
Water Added on Job, gal
Submitted By J. Glagola Date 04-02-86
Test Procedure ASTM C39-83B
Authorized By Marty Date 04-01-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
125A	04-08-86	7	107000	3780			RO
125B	04-29-86	28					
125C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88

CUSTOMER'S NAME [illegible] DATE 1-6-88

DELIVERY ADDRESS Golden Nugget

LOAD NO. | ACCUM. YDS. | P.O. # | JOB NO. 375 | CODE 1 | DELIVERY RECEIPT No. 54050

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX 5 1/2 AGGREG. 1		
		5-1/2		
		CT 78		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb [illegible] property line. Claims for [illegible] will not be allowed unless made [illegible] this material was delivered. [illegible] water added to this concrete will reduce its [illegible]. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS) ON THE JOB	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	- - -		33	Jim	

5-6

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

	HOURS	MINUTES
	2	25

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hasely 1-6-88?

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-01-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample Elevator Walls, 3rd To 4th Floors
Concrete Supplier Stocks Mill & Supply Measured Slump, in. 6 1/2
Ticket Number 54050 Measured Air Content, % Not Measured
Batch Size, cu.yds. 10 Concrete Temperature, °F 74
Mix Identification S-116 Ambient Air Temperature, °F 72
Design Strength, psi 5000 / 28 days Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8 No. of Cylinders Molded 3
Time in Mixer 1 hrs. 1 min. Sampled By J. Glagola Date 04-01-86
Water Added on Job, gal. Submitted By J. Glagola Date 04-02-86
Test Procedure ASTM C39- 83B Authorized By Marty Date 04-01-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
126A	04-08-86	7	103000	3640			RO
126B	04-29-86	28	176500	6240			MD
126C		Hold		Discard			MD

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Doris Hasely 1-6-88

CUSTOMERS NAME | DATE 1-6

DELIVERY ADDRESS

LOAD NO. | ACCUM. YDS. | P.O. # | JOB NO. | CODE 1 | A.M. / P.M. | DELIVERY RECEIPT No. 54027

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
	YARDS	MIX AGGREG. 3/4"		
		Slump 2" to 4" ΔT=72°		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made on the job. This material sells [illegible] water added to this concrete will reduce its strength. Any water added is at customer's own risk.

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

	HOURS	MINUTES
		9 40
TOTAL TIME		

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YD.

WATER ADDED (GALLONS ON THE JOB) | TOTAL GALS. | TRUCK NO. 73 | DRIVER Dempsey | RECEIVED & ACCEPTED BY

Dona Hasely 1-6-87

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-01-86
Reviewed By J. Miedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Column Lines, E,J,H,K, From Lines 20,21,22, Second To Third Floors
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 54027
Batch Size, cu.yds.: 10
Mix Identification: S-116
Design Strength, psi: 5000 / 28 days
Max. Size Aggregate, in: 3/8
Time in Mixer: 0 hrs. 42 min.
Water Added on Job, gal.:
Test Procedure: ASTM C39-83B
Remarks

Measured Slump, in.: 6½
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 72
Ambient Air Temperature, °F: 69
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: J. Glagola Date: 04-01-86
Submitted By: J. Glagola Date: 04-02-86
Authorized By: Marty Date: 04-01-86

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
124A	04-08-86	7	119000	4210			RO
124B	04-29-86	28	178500	6310			MD
124C		Hold		Discard			MD

Copies to:
Client (1) mail
Atlandia Design & Furnishings, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin, Peltyn & Associates, Attn: Roger Peltyn
City of Las Vegas (1) jobsite

Dona Hoesly 1-6-88

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-03-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer Martin, Peltyn & Associates
Source of Sample Columns, 2nd Story Lines K,H,E & G, On 20 *
Concrete Supplier Stocks Mill & Supply
Ticket Number 54206
Batch Size, cu.yds. 10 yards^3
Mix Identification S-116
Design Strength, psi 5000 / 28 days
Max. Size Aggregate, in. 3/8"
Time in Mixer hrs. min.
Water Added on Job, gal. 10
Test Procedure ASTM C39-83B

Measured Slump, in. 7
Measured Air Content, % Not Measured
Concrete Temperature, °F 80
Ambient Air Temperature, °F 73
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By K. Singh Date 04-03-86
Submitted By Date
Authorized By Date

Remarks *Total Placement Of Columns, Lines K & H, On 19,18,17 & 16

Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
129A	04-10-86	7	102000	3610			RO
129B	05-01-86	28	159000	5620			RO
129C		**Hold		Discard			RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
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City of Las Vegas, (1) jobsite

Done J Riedel 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-03-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer Martin, Peltyn & Associates
Source of Sample Columns, 2nd Story Lines K,H,E & G; On 20 *
Concrete Supplier Stocks Mill & Supply
Ticket Number 54206
Batch Size, cu.yds. 10 yard^3
Mix Identification S-116
Design Strength, psi 5000 / 28 days
Max. Size Aggregate in 3/8
Time in Mixer hrs. min.
Water Added on gal. 10
Test Procedure ASTM C39- 83B
Measured Slump, in. 7
Measured Air Content, % Not Measured
Concrete Temperature, °F 80
Ambient Air Temperature, °F 73
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By K. Singh Date 04-03-86
Submitted By Date
Authorized By Date

Remarks *Total Placement Of Columns, Lines K & H, On 19,18,17 & 16

Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength - Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
129A	04-10-86	7	102000	3610			RO
129B	05-01-86	28					
129C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

129 E. Fremont
SPEC REPORTS

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-04-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer Martin, Peltyn & Associates
Source of Sample Elevator Walls, 4th To 5th Floors, North Side
Concrete Supplier Stocks Mill & Supply
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10 yards^3
Concrete Temperature, °F
Mix Identification S-116
Ambient Air Temperature, °F
Design Strength, psi 5000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer hrs. min.
Sampled By K. Singh Date 04-04-86
Water Added on Job, gal.
Submitted By Date
Test Procedure ASTM C39-83B
Authorized By Date
Remarks

*Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated.

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength, Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
132A	04-11-86	7	104000	3680			RO
132B	05-02-86	28	185000	6540			RO
132C		Hold		Discard			RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
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City of Las Vegas, (1) jobsite

Done Hard 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
125 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-04-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer Martin, Peltyn & Associates
Source of Sample Elevator Walls, 4th To 5th Floors, North Side
Concrete Supplier Stocks Mill & Supply
Ticket Number
Batch Size, cu.yds. 10 yards^3
Mix Identification S-116
Design Strength, psi 5000 / 28 days
Max. Size Aggregate, in. 3/8
Time in Mixer hrs. min.
Water Added on Job, gal.
Test Procedure ASTM C39- 83B
Remarks.

Measured Slump, in.
Measured Air Content, % Not Measured
Concrete Temperature, °F
Ambient Air Temperature, °F
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By K. Singh Date 04-04-86
Submitted By Date
Authorized By Date

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
132A	04-11-86	7	104000	3680			RO
132B	05-02-86	28					
132C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hoel 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-04-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: Martin, Peltyn & Associates
Source of Sample: Elevator Walls, 4th To 5th Floors, South Side
Concrete Supplier: Stocks Mill & Supply
Ticket Number:
Batch Size, cu.yds.: 10 yards^3
Mix Identification: S 116
Design Strength, psi: 5000 / 28 days
Max. Size Aggregate, in.: 3/8
Time in Mixer: hrs. min.
Water Added on Job, gal.:
Test Procedure: ASTM C39-83B
Remarks

Measured Slump, in.:
Measured Air Content, %: Not Measured
Concrete Temperature, °F:
Ambient Air Temperature, °F:
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh Date: 04-04-86
Submitted By: Date:
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
133A	04-11-86	7	99000	3500			RO
133B	05-02-86	28	142500	5040			RO
133C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-04-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: Martin, Peltyn & Associates
Source of Sample: Elevator Walls, 4th To 5th Floors, South Side
Concrete Supplier: Stocks Mill & Supply
Ticket Number:
Batch Size, cu.yds.: 10 yards^3
Mix Identification: S 116 A
Design Strength, psi: 5000 / 28 days
Max. Size Aggregate, in.: 3/8
Time in Mixer: hrs. min.
Water Added on Job, gal.:
Test Procedure: ASTM C39-83B
Remarks:

Measured Slump, in.:
Measured Air Content, %: Not Measured
Concrete Temperature, °F:
Ambient Air Temperature, °F:
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh Date: 04-04-86
Submitted By: Date:
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
133A	04-11-86	7	99000	3500			RO
133B	05-02-86	28					
133C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Haisley 1-6-88

CUSTOMER COPY

CUSTOMERS NAME: SILVA CONST. DATE: 4-7-86

DELIVERY ADDRESS: GOLDEN NUGGET
RIGGS - NEW TOWER

LOAD NO.	ACCUM. YDS.	P.O. #	JOB NO.	CODE	DELIVERY RECEIPT No.
1	10		375	1	54382

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX 5-1½ AGGREG. PG		
		Almy		
			20	
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for damage will not be allowed unless made [illegible] this material is delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5"	- - 41	10	78	Jerry	

STOCKS
MILL & SUPPLY
COMPANY, INC.
Ready Mix Concrete
Rock - Sand - Gravel
3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
CLARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

	HOURS	MINUTES
ARRIVE PLANT		
ARRIVAL JOB	9	22
TOTAL TIME ON JOB		

TIME IN
TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

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WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-07-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Columns, Line 14, B To R
Concrete Supplier Stocks Mill & Supply
Ticket Number 54382
Batch Size, cu.yds. 10
Mix Identification S-116
Design Strength, psi 5000 / 28 days
Max. Size Aggregate, in. 3/8
Time in Mixer 1 hrs. 10 min.
Water Added on Job, gal. 10
Test Procedure ASTM C39-83B
Remarks

Measured Slump, in. 7
Measured Air Content, % Not Measured
Concrete Temperature, °F 70
Ambient Air Temperature, °F 64
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By J. Glagola Date 04-07-86
Submitted By J. Glagola Date 04-08-86
Authorized By Marty Date 04-07-86

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
134A	04-14-86	7	118000	4170			RO
134B	05-05-86	28	169000	5980			RO
134C		Hold		Discard			RO

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Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hasely 01-6-88

WESTERN TECHNOLOGIES INC.

309 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-07-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Columns, Line 14, B To K
Concrete Supplier: Stocks Mill Supply
Measured Slump, in.: 7
Ticket Number: 54382
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 70
Mix Identification: S-116
Ambient Air Temperature, °F: 64
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 1 hrs. 10 min.
Sampled By: J. Glagola Date: 04-07-86
Water Added on Job, gal.: 10
Submitted By: J. Glagola Date: 04-08-86
Test Procedure: ASTM C39- 83B
Authorized By: Marty Date: 04-07-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
134A	04-14-86	7	118000	4170			RO
134B	05-05-86	28					
134C		Hold					

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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Dona Friedly 1-6-88

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-08-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: Martin, Peltyn & Associates
Source of Sample: 2nd Story Columns, Lines B To C, From 20 To 18
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in. 7
Ticket Number: 54512
Measured Air Content, % Not Measured
Batch Size, cu.yds. 8 yards^3
Concrete Temperature, °F 78
Mix Identification: CM S-116
Ambient Air Temperature, °F 74
Design Strength, psi 5000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 30 min.
Sampled By K. Singh Date 04-08-86
Water Added on Job, gal. 4
Submitted By K. Singh Date 04-08-86
Test Procedure: ASTM C39-83B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
138A	04-15-86	7	108000	3820			MD
138B	05-06-86	28	166000	5870			ROV
138C		Hold		Discard			RO

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Dora Hadley 1-6-88

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-08-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: Martin, Peltyn & Associates
Source of Sample: 2nd Story Columns, Lines B To C, From 20 To 18
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 7
Ticket Number: 54512
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 8 yards^3
Concrete Temperature, °F: 78
Mix Identification: CM S-116
Ambient Air Temperature, °F: 74
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 30 min.
Sampled By: K. Singh Date: 04-08-86
Water Added on Job, gal.: 4
Submitted By: K. Singh Date: 04-08-86
Test Procedure: ASTM C39-83B
Authorized By: Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq.in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
138A	04-15-86	7	108000	3820			MD
138B	05-06-86	28					
138C		Hold					

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City of Las Vegas, (1) jobsite

Dona Hardy *6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 3[illegible]-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-10-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 5th To 6th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number: 54657
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10 yards
Concrete Temperature, °F 80
Mix Identification: CM S-116
Ambient Air Temperature, °F 75
Design Strength, psi 5000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer hrs. 45 min.
Sampled By K. Singh Date 04-10-86
Water Added on Job, gal. 5
Submitted By Date
Test Procedure: ASTM C39-83B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
140A	04-17-86	7	125500	4440			MD
140B	05-08-86	28	182000	6440			RO
140C		Hold		Discard			RO

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-10-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 5th To 6th Floors
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 54657
Batch Size, cu.yds.: 10 yards
Mix Identification: CM S-116
Design Strength, psi: 5000 / 28 days
Max. Size Aggregate, in.: 3/8
Time in Mixer: hrs. 45 min.
Water Added on Job, gal.: 5
Test Procedure: ASTM C39-83B
Remarks:

Measured Slump, in.: 6
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 80
Ambient Air Temperature, °F: 75
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh Date: 04-10-86
Submitted By: Date:
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
140A	04-17-86	7	125500	4440			MD
140B	05-08-86	28					
140C		Hold					

Copies to: Client (1) mail
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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
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(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182

Lab./Invoice No.

Date of Report 04-10-86

Reviewed By J. Riedel

Project: Golden Nugget Tower

Location: 1st & Bridger

Contractor: Sierra Construction

Architect/Engineer:

Source of Sample: Elevator Core Walls, 5th To 6th Floors

Concrete Supplier: Stocks Mill & Supply

Measured Slump, in.: 6 1/2

Ticket Number: 54651

Measured Air Content, %: Not Measured

Batch Size, cu. yds.: 10 yards^3

Concrete Temperature, °F: 75

Mix Identification: M S-116

Ambient Air Temperature, °F: 70

Design Strength, psi: 5000 / 28 days

Plastic Unit Weight, pcf:

Max. Size Aggregate, in.: 3/8

No. of Cylinders Molded: 3

Time in Mixer: 0 hrs. 45 min.

Sampled By: K. Singh Date: 04-10-86

Water Added on Job, gal.: 10

Submitted By: Date:

Test Procedure: ASTM C39-83B

Authorized By: Date:

Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated.

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
139A	04-17-86	7	103000	3640			MD
139B	05-08-86	28	160500	5680			MD
139C		Hold		Discard			MD

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City of Las Vegas, (1) jobsite

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-10-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Core Walls, 5th To 6th Floors
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6 1/2
Ticket Number 54651
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10 yards^3
Concrete Temperature, °F 75
Mix Identification CM S-116
Ambient Air Temperature, °F 70
Design Strength, psi 5000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 45 min.
Sampled By K. Singh Date 04-10-86
Water Added on Job, gal. 10
Submitted By Date
Test Procedure ASTM C39- 83B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in.; area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
139A	04-17-86	7	103000	3640			MD
139B	05-08-86	28					
139C		Hold					

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Dona Hasely 1-6-88

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-15-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: North Elevator Lobby, 5th Floor
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6 1/2
Ticket Number: 54931
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 7 1/2
Concrete Temperature, °F: 75
Mix Identification: S-116
Ambient Air Temperature, °F: 66
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 55 min.
Sampled By: J. Glagola Date: 04-15-86
Water Added on Job, gal.: 4
Submitted By: J. Glagola Date: 04-16-86
Test Procedure: ASTM C39-83B
Authorized By: Marty Date: 04-15-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
146A	04-22-86	7	129500	4580			MD
146B	05-13-86	28		Discard			MD
146C		Hold		Discard			MD

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Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Riedel 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-16-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Walls - 6th To 7th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in. 4 1/2
Ticket Number: 0050
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 11
Concrete Temperature, °F: 75
Mix Identification: S-116
Ambient Air Temperature, °F: 66
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: J. Glagola Date: 04-16-86
Water Added on Job, gal.: 5.
Submitted By: J. Glagola Date: 04-17-86
Test Procedure: ASTM C39- 84B
Authorized By: Marty Date: 04-16-86

Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
147A	04-23-86	7	110500	3910			MD
147B	05-14-86	28	175000	6190			RO
147C		Hold		Discard			RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-16-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample Elevator Walls - 6th To 7th Floors
Concrete Supplier Stocks Mill & Supply Measured Slump, in. 6 1/2
Ticket Number 0050 Measured Air Content, % Not Measured
Batch Size, cu.yds. 11 Concrete Temperature, °F 75
Mix Identification S-116 Ambient Air Temperature, °F 66
Design Strength, psi 4000 / 28 days Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8 No. of Cylinders Molded 3
Time in Mixer 0 hrs. 50 min. Sampled By J. Glagola Date 04-16-86
Water Added on Job, gal. 5 Submitted By J. Glagola Date 04-17-86
Test Procedure ASTM C39- 84B Authorized By Marty Date 04-16-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
147A	04-23-86	7	110500	3910			MD
147B	05-14-86	28					
147C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Sheely 1-6-88

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

ERS NAME ERCA CONST DATE 4-18-86

DELIVERY ADDRESS GOLDEN NUGGET (DEL)

CASON (E) FROM MAIN (DEL)

LOAD NO.	ACCUM. YDS.	P.O.#	JOB NO.	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
1	7½		325	1	6	0291

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
7½	YARDS	MIX S-116 AGGREG. PG		
		slump 5"		
		@ 70°		
			ADMIXTURE	
			SALES TAX	
			DISCOUNTS	
			SUB-TOTAL	
			STANDING TIME	
			TOTAL	

TIME	HOURS	MINUTES
TIME POUR COMPLETED		
ARRIVAL TIME	6	00
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES: 5 MIN. PER CUBIC YARD PER

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

CAUTION

Freshly mixed mortar, grout or concrete may cause skin irritation. Avoid direct contact when possible and wash exposed skin area promptly with water. If any of the cementitious material gets into the eyes, rinse immediately and repeatedly with water.

KEEP OUT OF REACH OF CHILDREN

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
6"	— — —		11	DAVE	

Dona Haesly Sv 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-21-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Center Elevator Lobby, Sixth Floor
Concrete Supplier Stocks Mill & Supply
Ticket Number 0291
Batch Size, cu.yds. 7 1/2
Mix Identification S-116
Design Strength, psi 4000 / 28 days
Max. Size Aggregate, in. 3/4
Time in Mixer 0 hrs. 55 min.
Water Added on Job, gal. 0
Test Procedure ASTM C39-84B
Remarks

Measured Slump, in. 5
Measured Air Content, % Not Measured
Concrete Temperature, °F 70
Ambient Air Temperature, °F 67
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By J. Glagola Date 04-21-86
Submitted By J. Glagola Date 04-22-86
Authorized By Marty Date 04-21-86

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
162A	04-28-86	7	84000	2970			MD
162B	05-19-86	28	125500	4440			RO
162C		Hold		Discard			RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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City of Las Vegas, (1) jobsite

Doug Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No: 4145J182
Lab/Invoice No.
Date of Report: 04-21-86
Reviewed By: J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Center Elevator Lobby, Sixth Floor
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 0291
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 7 1/2
Concrete Temperature, °F: 70
Mix Identification: S-116
Ambient Air Temperature, °F: 67
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 55 min.
Sampled By: J. Glagola Date: 04-21-86
Water Added on Job, gal: 0
Submitted By: J. Glagola Date: 04-22-86
Test Procedure: ASTM C39-84B
Authorized By: Marty Date: 04-21-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
162A	04-28-86	7	84000	2970			MD
162B	05-19-86	28					
162C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona. Hasely 1-6-88

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-22-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Wall, 7th To 8th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6 1/2
Ticket Number: 0401
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 75
Mix Identification: S-116
Ambient Air Temperature, °F: 74
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 53 min.
Sampled By: J. Glagola Date: 04-22-86
Water Added on Job, gal.: 20
Submitted By: J. Glagola Date: 04-23-86
Test Procedure: ASTM C39-84B
Authorized By: Marty Date: 04-22-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
165A	04-29-86	7	113500	4010			MD
165B	05-20-86	28		Discard			MD
165C		Hold		Discard			MD

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Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr, Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-22-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Wall, 7th To 8th Floors
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F
Mix Identification S-116
Ambient Air Temperature, °F
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer hrs. min.
Sampled By J. Glagola Date 04-22-86
Water Added on Job, gal.
Submitted By J. Glagola Date 04-23-86
Test Procedure ASTM C39-84B
Authorized By Marty Date 04-22-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
166A	04-29-86	7	126500	4470			MD
166B	05-20-86	28		Discard			MD
166C		Hold		Discard			MD

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Dona Hensley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 6th To 7th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6 1/2
Ticket Number:
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 80
Mix Identification: S-116
Ambient Air Temperature, °F: 70
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: hrs. min.
Sampled By: K. Singh
Date: 04-16-86
Water Added on Job, gal.:
Submitted By:
Date:
Test Procedure: ASTM C39- 84B
Authorized By:
Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
148A	04-23-86	7	135500	4790			MD
148B	05-14-86	28	199000	7040			RO
148C		Hold		Discard			RO

Copies to: Client (1) mail
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City of Las Vegas, (1) jobsite

Dona Hasley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 6th To 7th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6 1/2
Ticket Number:
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 80
Mix Identification: S-116
Ambient Air Temperature, °F: 70
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: hrs. min.
Sampled By: K. Singh Date: 04-16-86
Water Added on Job, gal.:
Submitted By: Date:
Test Procedure: ASTM C39- 84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated.

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
148A	04-23-86	7	135500	4790			MD
148B	05-14-86	28					
148C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Sheely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No: 4145J182
Lab./Invoice No.
Date of Report: 05-15-86
Reviewed By: J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Columns 0' - 8' High, Lines W, X, Y On 7
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 1801
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 5
Concrete Temperature, °F: 83
Mix Identification: S116
Ambient Air Temperature, °F: 90
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 1 hrs. 0 min.
Sampled By: K. Singh
Date: 05-15-86
Water Added on Job, gal.: 0
Submitted By:
Date:
Test Procedure: ASTM C39-84B
Authorized By:
Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength, Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
222A	05-22-86	7	124500	4400			MD
222B	06-12-86	28	188500	6670			MD
222C		Hold		Discard			MD

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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City of Las Vegas, (1) jobsite

Done Riedel 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-15-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Columns 0' - 8' High, Lines W, X, Y On 7
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 1801
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 5
Concrete Temperature, °F: 83
Mix Identification: S116
Ambient Air Temperature, °F: 90
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 1 hrs: 0 min.
Sampled By: K. Singh Date: 05-15-86
Water Added on Job, gal.: 0
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens, Caps If Any	Tested By
			Pounds Force	psi			
222A	05-22-86	7	124500	4400			MD
222B	06-12-86	28					
222C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
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Dona Hasley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

Not Approved
Rec'd 2-26-86

Lab/Invoice No: 4144125

Grout Mix Proportions: CM-2370
4000 PSI - 28 Days; 3/8" Maximum Aggregate
Cement Type II; 8.0 Sacks; Water 5.0 Gals/Sack; W/C = 0.44

Requested By:	Stocks Mill & Supply	
Materials:	Pea Gravel:	Stocks Pit - Buffalo Road
	Concrete Sand:	Stocks Pit - Buffalo Road
Potential Reactivity of Aggregate, ASTM C289-71:		Fine & Coarse Aggregate - Innocuous
Soundness of Aggregate, ASTM C88-76:		Fine & Coarse Aggregate - 1.8%
Abrasion of Coarse Aggregate, ASTM C131-81:		500 Revolutions, 22.1%
Organic Impurities, ASTM C40-79:		O.K.
Deleterious Material, Fine Aggregate: Minus #200, 3.4%		Lightweight, 0.5%; Clay Particles, None
Deleterious Material, Coarse Aggregate:		Lightweight, None; Clay Particles, None

SIEVE ANALYSIS: S.G. & F.M.: Sieve Analysis Dated June 1984

PERCENT PASSING U.S.STANDARD SIEVE

Sieve Size	Fine Aggregate	Coarse Aggregate
1/2"		100
3/8"	100	100
No. 4	100	27
No. 8	74	2
No. 16	50	1
No. 30	33	
No. 50	22	
No. 100	9	
F.M.:	3.12	
S.G. (SSD):	2.70	2.73
Absorption, %:	1.42	1.05

MIX DESIGN FOR ONE CUBIC YARD OF GROUT:	Sacks Cement:	8.0
Absolute Volume of Aggregate in One Cubic Yard:	Cubic Feet:	17.837
Weight of Aggregate in One Cubic Yard Batch:	Pounds:	3015

	Percent	Computed Batch Weight (lbs)	Absolute Volume (Cubic Feet)
W.C. Sand (SSD)	70	2105	12.486
Coarse Aggregate (Pea Gravel, SSD)	30	910	5.351
Water: 5.0 Gals/Sack = 40 Gallons		333	5.337
Cement: 8.0 Sacks/Cu.Yd., Type II		752	3.826
		Total	27.000

Slump: 8"

Admixture: Master Builder's Pozzolith 322N; 8.0 fl.oz/CWT.
AND 122HE; 16.0 fl.oz/CWT, OR (for non-chloride admixtures)
322N; 10.0 fl.oz/CWT, AND 500A; 3.0 fl.oz/CWT.

NOTE: Correct mixing water for sand moisture in excess of 1.5 percent. For each one percent excess moisture, deduct 21 pounds water and add 21 pounds sand.

Respectfully submitted,

WESTERN TECHNOLOGIES INC.

By: Kulwant S. Sani

Kulwant S. Sani, P.E.
Nevada RCE 6640

Dona Hasely 1-6-87

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

GROUT COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-26-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Ground Floor Wall, Line L.8-32 To 40

MIX DESIGN: CM 2370

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 2000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/8

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 72

TICKET NO.: 52068

TEMPERATURE - AIR, °F: 71

COMMENTS:

SPECIMEN NO.	89A	89B	89C		
DATE CAST	02-26-86	02-26-86	02-26-86		
DATE TESTED	03-05-86	03-26-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-05-86	03-05-86	03-05-86		
NOMINAL DIMENSIONS, IN.	4 X 8				
AREA, SQ. IN.	12.19				
ULTIMATE LOAD, LBS.	66000	Discard RO	Discard RO		
COMPRESSIVE STRENGTH - PSI	5410				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas (1) Jobsite

Done Already 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

ATTENTION: Mr. Brad Friedmutter

DATE: January 10, 1986

SUBJECT: Golden Nugget Galleria Addition

PROJECT NO.: 4145J182

The following items are transmitted: Herewith __.
Under Separate Cover __ Via: Mail

No. of copies	Description
1 Each	Nondestructive Testing Summary
1 Each	High Strength Bolt Observation
1 Each	Ultrasonic Report

The above items are submitted: At your request __ For your review X
For your files X For your action __ For your information X

General Remarks:

Enclosure __.

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BY: Jim Lovett
Jim Lovett

Dona Hanely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

41117

NONDESTRUCTIVE TESTING SUMMARY

Client: [redacted]landia Design & Furnishings
[redacted] East Fremont Street
[redacted] Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 01-10-86
Reviewed By Jim Lovett/WesTech

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No.	N/A	Pen. Rejected	N/A	5 x 12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	A36	Mag. Rejected	N/A	8 x 10	N/A
Spec.	AWS D1.1-84	Qty. X-Rayed	N/A	10 x 12	N/A
		Qty. Accepted	N/A	11 x 14	N/A
		Qty. Rejected	N/A	14 x 17	N/A
				No Views	N/A

Date Examined 01-08 & 01-09-86

Total Accepted All

Total Rejected None

% Rejected None

Summary	Quantity Rejected	Percent of Total
GOLDEN NUGGET GALLERIA ADDITION	None	None
A visual and mechanical inspection of all fillet welds on the Galleria Addition was conducted by Jim Lovett. Welds were located at various locations on and between columns E.8, E.6 and existing building. All fillet welds were found to be acceptable in accordance with specification AWS D1.1 and sheets S209 and S520 of the drawings.		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client 41117
Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 01-10-86
Reviewed By Jimm Lovett/WesTech

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5×7	N/A
Part No.	N/A	Pen. Rejected	N/A	5×12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7×17	N/A
Material	A-36	Mag. Rejected	N/A	8×10	N/A
Spec.	AWS D1.1-84	Qty. X-Rayed	N/A	10×12	N/A
		Qty. Accepted	N/A	11×14	N/A
		Qty. Rejected	N/A	14×17	N/A
				No. Views	N/A

Date Examined 01-09-86
Total Accepted All
Total Rejected None
% Rejected None

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection was performed by Jim Lovett on approximately 40 SMAW welded Nelson studs. Studs were located on decking of Golden Nugget Galleria Addition. All were found to be acceptable to specifications and AWS D1.1-84	None	None

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

HIGH STRENGTH BOLT OBSERVATION

41117

CLIENT: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182

Lab./Invoice No.

Report No. Date 01-10-86

Reviewed By Jim Lovett/WesTech

Project Golden Nugget Galleria — Date Examined 01-09-86

Erector Steel Inc. — Technician Jim Lovett/WesTech

Bolt Type: ASTM A-325 Type One — Diameter, in. 3/4" — Minimum Tension, lbs. 28000

Washer: ASTM A-325 Type Hardened — Torque Wrench No. WTI 456

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
L.8/02	All	X							At least 10% (2) bolts per
E.6/02	All	X							bolted connection was
									torque checked and found
									to be acceptable on the
									Galleria Addition. Bolted
									connections located at L.8
									and E.6 at lines 39 thru
									40 to existing building.

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LABORATORY REPORT

ULTRASONIC REPORT

Client 41117
Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145.1182
Lab./Invoice No.
Report No. 4 Date 01-10-86
Reviewed By Jim Lovett/WesTech
Code AWS D1.1-84

Project Golden Nugget Galleria Addition
Fabricator Steel Inc. Technician Jim Lovett/WesTech ASNT Level II
Welding Process SMAW Surface As welded
Equipment Magnaflux Probes: Normal Angle X ☒ High Energy ☐ Normal Energy
Calibration: ☒ Sound Path ☐ Projected Distance Couplant: ☐ Oil ☐ Grease ☒ Paste ☐ Glycerine ☐ Other

Identification	Item Identification	Accept	Reject	Transducer Angle	Node	Decibel Reading: Defect Level	Decibel Reading: Reference Level	Decibel Reading: Attenuation Factor	Decibel Reading: Defect Rating	Defect Location: Length, in.	Defect Location: Ang.-Dist. Sd. Path in.	Defect Location: Depth from "A" Surf. in.	Length of Weld, in.	Thickness of Weld, in.	Discontinuity Evaluation
1.	Beam To Column L.8														
	At Line 40	X		70°	1&2		42						11.750	.750"	
2.	Beam To Column At														
	Line 40 Between														
	Column L.8 and E.6	X		70°	1&2		42						11.750	.750"	
3.	Beam To Column E.6														
	At Line 40	X		70°	1&2		42						11.750	.750"	
4.	Plate Splices on														
	Column L.8 At Line 40	X		70°	1&2		42						10"	1.0"	
5.	Plate Splices At														
	Column Located Between														
	Columns L.8 And E.6														
	At Line 40	X		70°	1&2		42						10"	1.0"	

Remarks: Welds at identification numbers 1,2,3 above were only inspected at bottom of beam to columns A total of 4 welds.

WELDS AT TOP OF BEAM WERE NOT ACCESSIBLE

Date of Inspection: 01-08-86

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FIELD REPORT

HIGH STRENGTH BOLT OBSERVATION

41117
Atlandia Design & Furnishings
129 East Fremont St.
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. Date 03-13-86
Reviewed By Martin Nash
Date Examined 03-13-86

Project Golden Nugget Tower
Erector Steel Structures Technician K. Singh/WT
Bolt Type: ASTM A325 Type One Diameter, in. 1" Minimum Tension, lbs. 51000
Washer: ASTM A325 Type Hard Flat Torque Wrench No. WTI 456

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
30 From A.5-P 02	All	X							10% or 2 bolts per connection were inspected.
31 From A.5-P 02	All	X							
32 From A.5-P 02	All	X							

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

FILLET WELD EXAMINATION

(VISUAL)

Client 41117
Atlandia Design & Furnishings
129 East Fremont St.
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145.1182
Lab./Invoice No.
Report No. ____ Date 03-13-86
Code AWS D1.1-84

Project Golden Nugget Tower
Fabricator Steel Inc. Technician Jim Lovett ASNT Level II

Date Examined 03-04-86

Level/Grid Line	Mark No./ Side of Beam Side of Weld	Accept	Reject	Undercut	Insuff. Throat	Overlap	Excessive Convexity	Insuff. Leg	Crack	Inaccessible	Remarks
02 L8	All	X									Lines 34 thru 38
											All Fillet Welds visually inspected and accepted to plans and AWS D1.1-84

Dona Hasely 1-6-88

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FIELD REPORT

41117
Atlandia Design & Furnishings
129 East Fremont St.
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

HIGH STRENGTH BOLT OBSERVATION

Job No. 4145J182
Lab./Invoice No.
Report No. Date 03-13-86
Reviewed By Martin Nash
Date Examined 03-04-86

Project Golden Nugget Tower
Erector Steel Inc. Technician Jim Lovett
Bolt Type: ASTM A325 Type One Diameter, in. 3/4" Minimum Tension, lbs. 28400
Washer: ASTM A325 Type Hardened Torque Wrench No. WTI 456

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
P 02	All	X							Lines 34 thru 40
L8 02	All	X							Limes 34 thru 40
									All bolts torqued to 355
									foot pounds in accordance
									to Western Technologies,
									Inc. Bolt Torque Procedure

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
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(702) 382-7483

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client 46031
Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 03-18-86
Reviewed By Martin Nash

Date of Examination 03-17-86

Total Accepted All
Total Rejected None
% Rejected N/A

P O No	N/A	Qty Received	N/A	Film Used
Cust Shipper	N/A	Pen Accepted	N/A	5 x 7
Part No	N/A	Pen Rejected	N/A	5 x 12
Heat No	N/A	Mag Accepted	N/A	7 x 17
Material	Studs	Mag Rejected	N/A	8 x 10
Spec	Plan Specs	Qty X-Rayed	N/A	10 x 12
	AWS D1.1-84	Qty Accepted	All	11 x 14
	Sec. 7	Qty Rejected	NONE	14 x 17
				No Views

Summary	Quantity Rejected	Percent of Total
GOLDEN NUGGET TOWER		
Visual and Bend Test of studs in accordance with AWS D1.1-84 Sec. 7		
Level 02 Lines 1,3 & 5 From A to B	None	
Level 02 Lines 30,31 & 32 From C.8 to M.6	None	

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

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WESTERN TECHNOLOGIES INC.

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Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

HIGH STRENGTH BOLT OBSERVATION

46031
Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. Date 03-18-86
Reviewed By Martin Nash
Date Examined 03-17-86

Project Golden Nugget Tower
Erector Steel Engineers Technician Kishan Singh/WT
Bolt Type: ASTM A-325 Type One Diameter, in. 1" Minimum Tension, lbs: 51,000
Washer: ASTM A-325 Type Hard Flat Torque Wrench No. WTI 456

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
1 From A to B 02	All	X							Reinspection of listed connections, 10% or 2 bolts per connection was inspected.
3 From A to B 02	All	X							
5 From A to B 02	All	X							

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LABORATORY REPORT

ULTRASONIC REPORT

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J149
Lab./Invoice No.
Report No. ____ Date 04-18-86
Reviewed By Martin Nash
Code AWS D1.1-84

Project Golden Nugget [redacted] Tower
Fabricator St. George Steel Fabrication Technician Martin Nash ASNT Level II
Welding Process FCAW Surface Welds ground flush
Equipment Sonic, MK1 Probes: Normal N/A Angle yes ☒ High Energy ☐ Normal Energy
Calibration: ☒ Sound Path ☐ Projected Distance Couplant: ☐ Oil ☐ Grease ☒ Paste ☐ Glycerine ☐ Other

Identification	Item Identification	Accept	Reject	Transducer Angle	Node	Decibel Reading: Defect Level	Reference Level	Attenuation Factor	Defect Rating	Defect Location: Length, in.	Ang. Dist. Sd. Path in.	Depth from "A" Surf. in.	Length of Weld, in.	Thickness of Weld, in.	Discontinuity Evaluation
	B2 Flange (2)	X		70°	1-2		60	2					21	1	
	B2 Web	X		70°	1-2		60	2					26	.625	
	B59 Flange (2)	X		70°	1-2		60	2					18	.6875	
	B59 Web	X		70°	1-2		60	2					20.25	.5	
	B7 Flange (4)	X		70°	1-2		60	2					40	.75	
	B7 Web (2)	X		70°	1-2		60	2					46	.5	

Remarks:

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Sierra Construction (1) Mail

Brad Friedmutter 1-6-88

WESTERN TECHNOLOGIES INC.

309 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

ULTRASONIC REPORT

REVISED - 05-12-86

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. Date 04-18-86
Reviewed By Martin Nash
Code AWS D1.1-84

Project Golden Nugget [redacted]
Fabricator St. George Steel Fabrication Technician Martin Nash ASNT Level II
Welding Process FCAW Surface Welds ground flush
Equipment Sonic MK1 Probes: Normals N/A Angle yes ☒ High Energy ☐ Normal Energy
Calibration: ☒ Sound Path ☐ Projected Distance Couplant: ☐ Oil ☐ Grease ☒ Paste ☐ Glycerine ☐ Other

Identification	Item Identification	Accept	Reject	Transducer Angle	Node	Decibel Reading: Defect Level	Reference Level	Attenuation Factor	Defect Rating	Defect Location: Length, in.	Ang. Dist. Sd. Path in.	Depth from "A" Surf. in.	Length of Weld, in.	Thickness of Weld, in.	Discontinuity Evaluation
	B2 Flange (2)	X		70°	1-2		60	2					21	1	
	B2 Web	X		70°	1-2		60	2					26	.625	
	B59 Flange (2)	X		70°	1-2		60	2					18	.6875	
	B59 Web	X		70°	1-2		60	2					20.25	.5	
	B7 Flange (4)	X		70°	1-2		60	2					40	.75	
	B7 Web (2)	X		70°	1-2		60	2					46	.5	

Remarks: This report was revised due to an incorrect project number. It was incorrectly listed as 4145J149. If you should have any questions please call.

Thank You

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Dan Healy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

FILLET WELD EXAMINATION

(VISUAL)

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Report No. ____ Date 04-23-86
Code AWS D1.1-84

Project Golden Nugget Tower
Fabricator Nevada Steel
Technician Martin Nash ASNT Level II

Date Examined 04-22-86

Level/Grid Line	Mark No./ Side of Beam Side of Weld	Accept	Reject	Undercut	Insuff. Throat	Overlap	Excessive Convexity	Insuff. Leg	Crack	Inaccessible	Remarks
02/K-13	2	x									
02/K-14	2	x									
02/K-15	2	x									
02/K-16	2	x									
02/K-17	2	x									
02/K-18	2	x									
02/K-19	2	x									
02/K-20	2	x									
02/K-21	2	x									
02/K-22	2	x									
02/K-23	2	x									
02/K-24	2	x									
02/K-25	2	x									
02/K-26	2	x									
02/K-27	2	x									
02/K-28	2	x									
02/K-29	2	x									

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By: Martin Nash

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WESTERN TECHNOLOGIES INC.

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LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-30-86
Reviewed By Martin W. Nash

P.O. No.	N/A	Qty. Received	N/A	Film Used
Cust. Shipper	N/A	Pen. Accepted	N/A	5 x 7
Part No.	N/A	Pen. Rejected	N/A	5 x 12
Heat No.	N/A	Mag. Accepted	N/A	7 x 17
Material	Studs	Mag. Rejected	N/A	8 x 10
Spec.	Plan specs.	Qty. X-Rayed	N/A	10 x 12
Inspection in accordance with AWS D1.1-83		Qty. Accepted	All	11 x 14
		Qty. Rejected	None *	14 x 17
				No. Views

Date of Examination: 04-06-86
Inspector: Mr. John Kiserow
Total Accepted All
Total Rejected None *
% Rejected N/A

Summary	Quantity Rejected	Percent of Total
GOLDEN NUGGET TOWER		
3rd Level, 2nd Floor Roof		
Type of Inspection: Visual and mechanical bend test on stud welds	See	N/A
*All studs inspected and accepted in accordance with AWS D1.1-83, Sec. 7.	Notes	

NOTE * Studs rejected were re-welded, inspected and accepted.

All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

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FIELD REPORT

HIGH STRENGTH BOLT OBSERVATION

Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 Date 05-07-86
Reviewed By Martin Nash
Date Examined 04-29-86

Project Golden Nugget Tower
Erector Nevada Steel Technician K. Singh/WT
Bolt Type: ASTM A-325 Type One Diameter, in. 1" Minimum Tension, lbs. 51,000
Washer: ASTM A-325 Type Hard Flat Torque Wrench No. WTI 451

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
A-10 @ 02	All	X							10% or 2 bolts per connection were checked, all major and intermediate beams and columns.
A-11 @ 02	All	X							
A-12 @ 02	All	X							
A-13 @ 02	All	X							
A-14 @ 02	All	X							
A-15 @ 02	All	X							
A-16 @ 02	All	X							
A-17 @ 02	All	X							
A-18 @ 02	All	X							
A-19 @ 02	All	X							
A.5-10 @ 02	All	X							
A.5-11 @ 02	All	X							
A.5-12 @ 02	All	X							
A.5-13 @ 02	All	X							
A.5-14 @ 02	All	X							
A.5-15 @ 02	All	X							
A.5-16 @ 02	All	X							
A.5-17 @ 02	All	X							
A.5-18 @ 02	All	X							
A.5-19 @ 02	All	X							

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FIELD REPORT

Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. [illegible]ad Friedmutter

HIGH STRENGTH BOLT OBSERVATION

Job No. 4145J182
Lab./Invoice No.
Report No. Date 05-07-86
Reviewed By Martin Nash
Date Examined 04-29-86

Project Golden Nugget Tower
Erector Nevada Steel
Technician K. Singh/WT
Bolt Type: ASTM A-325 Type One
Diameter, in. 1" Minimum Tension, lbs. 51,000
Washer: ASTM A-325 Type Hard Flat
Torque Wrench No. WTI 451

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
B-10 @ 02	All	X							10% or 2 bolts per connection were checked, all major beams and columns.
B-11 @ 02	All	X							
B-12 @ 02	All	X							
B-13 @ 02	All	X							
B-14 @ 02	All	X							
B-15 @ 02	All	X							
B-16 @ 02	ALL	X							
B-17 @ 02	All	X							
B-18 @ 02	All	X							
B-19 @ 02	All	X							

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WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

HIGH STRENGTH BOLT OBSERVATION

Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. Date 05-07-86
Reviewed By Martin W. Nash
Date Examined 04-29-86

Project Golden Nugget Tower
Erector Nevada Steel Technician K. Singh/WT
Bolt Type: ASTM A-325 Type One Diameter, in. 1" Minimum Tension, lbs. 51,000
Washer: ASTM A-325 Type Hard Flat Torque Wrench No. WTI 451

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
K-20 @ 02	All	X							10% or 2 bolts per connection were checked.
K-21 @ 02	All	X							
K-22 @ 02	All	X							
K-23 @ 02	All	X							
K-24 @ 02	All	X							
K-25 @ 02	All	X							
K-26 @ 02	All	X							
K-27 @ 02	All	X							
K-28 @ 02	All		X						Rejection of connection, due to field weld on fit up connection instead of bolt up.
K-29 @ 02	All	X							
K-30 @ 02	All	X							
M.6-20 @ 02	All	X							
M.6-21 @ 02	All	X							
M.6-22 @ 02	All	X							
M.6-23 @ 02	All	X							
M.6-24 @ 02	All	X							
M.6-25 @ 02	All	X							
M.6-26 @ 02	All	X							
M.6-27 @ 02	All	X							
M.6-28 @ 02	All	X							
M.6-29 @ 02	All	X							
M.6-30 @ 02	All	X							

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada-89102
(702) 382-7483

FIELD REPORT

HIGH STRENGTH BOLT OBSERVATION

Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. Date 05-06-86
Reviewed By Martin Nash
Date Examined 04-30-86

Project Golden Nugget Tower
Erector Nevada Steel Technician K. Singh/W
Bolt Type: ASTM A-325 Type One, Diameter, in. 1" Minimum Tension, lbs. 51,000
Washer: ASTM A-325 Type Hard Flat. Torque Wrench No. WTI 451

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
K-20 @ 03	All	X							10% or 2 bolts per connection were checked. All connections of major columns and intermediate beams.
K-21 @ 03	All	X							
K-22 @ 03	All	X							
K-23 @ 03	All	X							
K-24 @ 03	All	X							
K-25 @ 03	All	X							
K-26 @ 03	All	X							
K-27 @ 03	All	X							
K-28 @ 03	All	X							
K-29 @ 03	All	X							
K-30 @ 03	All	X							
M.6-20 @ 03	All	X							
M.6-21 @ 03	All	X							
M.6-22 @ 03	All	X							
M.6-23 @ 03	All	X							
M.6-24 @ 03	All	X							
M.6-25 @ 03	All	X							
M.6-26 @ 03	All	X							
M.6-27 @ 03	All	X							
M.6-28 @ 03	All	X							
M.6-29 @ 03	All	X							
M.6-30 @ 03	All	X							

Copies to: Client (1)
Joel Bergman A.I.A. (1)
Sierra Construction (1)
Martin, Peltyn & Assoc. (1)
City of Las Vegas (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

HIGH STRENGTH BOLT OBSERVATION

Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: MR. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. Date 05-09-86
Reviewed By Martin W. Nash
Date Examined 05-07-86

Project Golden Nugget Tower
Erector Nevada Steel Technician K. Singh/WT
Bolt Type: ASTM A-325 Type One Diameter, in. 1" Minimum Tension, lbs. 51,000
Washer: ASTM A-325 Type Hard Flat Torque Wrench No. WTI 451

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
A.5-20 @ 02	All	x							10% or 2 bolts per con-
A.5-21 @ 02	All	x							nection were inspected on
A.5-22 @ 02	All	x							all major and intermediate
A.5-23 @ 02	All	x							beams and columns.
A.5-24 @ 02	All	x							
A.5-25 @ 02	All	x							
A.5-26 @ 02	All	x							
A.5-27 @ 02	All	x							
A.5-28 @ 02	All	x							
A.5-29 @ 02	All	x							
A.5-30 @ 02	All	x				x			
A.5-31 @ 02	All	x							
D-20 @ 02	All	x							
D-21 @ 02	All	x							
D-22 @ 02	All	x							
D-23 @ 02	All	x							
D-24 @ 02	All	x							
D-25 @ 02	All	x							
D-26 @ 02	All	x							
D-27 @ 02	All	x							
D-28 @ 02	All	x							
D-29 @ 02	All	x							
D-30 @ 02	All	x							

Copies to: Client (1)
Joel Bergman A.I.A (1)
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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

HIGH STRENGTH BOLT OBSERVATION

Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. Date 05-13-86
Reviewed By Jim Lovett
Date Examined 05-12-86

Project Golden Nugget Tower
Erector Nevada Steel
Technician K. Singh/WT
Bolt Type: ASTM A-325 Type One
Diameter, in. 1" Minimum Tension, lbs. 51,000
Washer: ASTM A-325 Type Hard Flat
Torque Wrench No. WTI 451

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
A.5-20 @ 03	All	X							Re-inspection of connections listed. All bolts on every connection checked.
A.5-31 @ 03	All	X							

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WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

HIGH STRENGTH BOLT OBSERVATION

Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. Date 05-09-86
Reviewed By Martin W. Nash
Date Examined 05-07-86

Project Golden Nugget Tower
Erector Nevada Steel Technician K. Singh/WT
Bolt Type: ASTM A-325 Type One Diameter, in. 1" Minimum Tension, lbs. 51,000
Washer: ASTM A-325 Type Hard Flat Torque Wrench No. WTI 451

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
A.5-20 @ 03	All		x	x					10% or 2 bolts per connection
A.5-21 @ 03	All	x							were inspected on all major
A.5-22 @ 03	All	x							and intermediate beams and
A.5-23 @ 03	All	x							columns
A.5-24 @ 03	All	x							
A.5-25 @ 03	All	x							
A.5-26 @ 03	All	x							
A.5-27 @ 03	All	x							
A.5-28 @ 03	All	x							
A.5-29 @ 03	All	x							Rejected connections due to
A.5-30 @ 03	All	x							loose and/or missing bolts
A.5-31 @ 03	All		x	x	x				
D-20 @ 03	All	x							
D-21 @ 03	All	x							
D-22 @ 03	All	x							
D-23 @ 03	All	x							
D-24 @ 03	All	x							
D-25 @ 03	All	x							
D-26 @ 03	All	x							
D-27 @ 03	All	x							
D-28 @ 03	All	x							
D-29 @ 03	All	x							
D-30 @ 03	All	x							

Copies to: Client (1)
Martin, Peltyn & Assoc. (1)
Joel Bergman A.I.A (1)
Sierra Construction (1)
City of Las Vegas (1) Jobsite

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Done. Hardy 1-6-86

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

FILLET WELD EXAMINATION

(VISUAL)

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Report No. ____ Date 05-12-86

Project Golden Nugget Towers
Code AWS D1.1-84

Fabricator Nevada Steel
Technician Martin W. Nash ASNT Level II

Date Examined 05-06-86

Level/Grid Line	Mark No./ Side of Beam/ Side of Weld	Accept	Reject	Undercut	Insuff. Throat	Overlap	Excessive Convexity	Insuff. Leg	Crack	Inaccessible	Remarks
03/K-13	2	x									Visual and mechanical
03/K-14	2	x									Fillet Weld inspection
03/K-15	2	x									All welds inspected
03/K-16	2	x									and accepted in accord-
03/K-17	2	x									ance with AWS D1.1-84
03/K-18	2										
03/K-19	2	x									
03/K-20	2	x									
03/K-21	2	x									
03/K-21	2	x									
03/K-22	2	x									
03/K-23	2	x									
03/K-24	2	x									
03/K-25	2	x									
03/K-26	2	x									
03/K-27	2	x									
03/K-28	2	x									
03/K-29	2	x									

Copies Client (1)
Joel Bergman A.I.A. (1)
Martin, Peltyn & Assoc. (1)
Sierra Construction (1)
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tp

By: Martin W. Nash

Assist Welds - 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

FILLET WELD EXAMINATION

(VISUAL)

Client Atlandia Design & Furnishings
129 East Fremoont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job. No. 4145J182
Lab./Invoice No.
Report No. ____ Date 05-13-86
Code AWS D1.1-85

Project Golden Nugget Tower
Fabricator Nevada Steel Technician Jim-Lovett ASNT Level II

Date Examined 05-12-86

Level/Grid Line	Mark No./ Side of Beam Side of Weld BEAM	Accept	Reject	Undercut	Insuff. Throat	Overlap	Excessive Convexity	Insuff. Leg	Crack	Inaccessible	Remarks
02 E21	C-2	X									Welds on clips to
02 E22	B-2	X									inbed plate's
02 E23	D-2	X									visually and mech-
02 E24	A-2	X									anically inspected
02 E25	A-2	X									to plans and AWS
02 E26	A-2	X									D1.1.
02 E27	A-2	X									
02 E28	A-2	X									
02 E29	C-2	X									
02 E30	B-2	X									

Copies Client (1) Sierra Construction (1)
Joel Bergman A.I.A. (1) City of Las Vegas (1) Jobsite
Martin, Peltyn & Assoc. (1)

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Reviewed By: Martin A. Nash
Martin Nash

Nona Hasely 1-6-87

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

FILLET WELD EXAMINATION

(VISUAL)

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Firedmutter

Job. No. 4145J182
Lab./Invoice No.
Report No. Date 05-13-86
Code AWS D1.1-85

Project Golden Nugget Tower
Fabricator Nevada Steel Technician Jim Lovett ASNT Level II
Date Examined 05-12-86

Level/Grid Line	Mark No./ Side of Beam Side of Weld BEAM	Accept	Reject	Undercut	Insuff. Throat	Overlap	Excessive Convexity	Insuff. Leg	Crack	Inaccessible	Remarks
03 E21	A-6	X									Welds on clips to
03 E22	A-5	X									inbed plate's vis-
03 E23	B-6	X									ually and mechanically
03 E24	B-5	X									inspected to plans and
03 E25	A-6	X									AWS D1.1.
03 E26	A-6	X									
03 E27	C-5	X									
03 E28	A-6	X									
03 E29	C-5	X									
03 E30	A-6	X									

Copies Client (1)
Joel Bergman A.I.A. (1)
Martin, Peltyn & Assoc. (1)
Sierra Construction (1)
City of Las Vegas (1) Jobsite

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Reviewed By: Martin Nash
Martin Nash

Book Head 1-6-88

WESTERN TECHNOLOGIES INC.
309 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

HIGH STRENGTH BOLT OBSERVATION

Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 8145J182
Lab./Invoice No.
Report No. 1 Date 05-14-86
Reviewed By Martin Nash
Date Examined 05-13-86

Project Golden Nugget Tower
Erector Nevada Steel
Technician K. Singh/WT
Bolt Type: ASTM A-325 Type One Diameter, in. 1" Minimum Tension, lbs. 51,000
Washer: ASTM A-325 Type Hard Flat Torque Wrench No. WTI 451

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
K-19 @ 02	All	X							10% or 2 bolts per connection were checked on major and intermediate beams and columns.
K-18 @ 02	All	X							
K-17 @ 02	All	X							
K-16 @ 02	All	X							
K-15 @ 02	All	X							
K-14 @ 02	All	X							
K-13 @ 02	All	X							
M.6-19 @ 02	All	X							
M.6-18 @ 02	All	X							
M.6-17 @ 02	All	X							
M.6-16 @ 02	All	X							
M.6-15 @ 02	All	X							
M.6-14 @ 02	All	X							
M.6-13 @ 02	All	X							

Copies to: Client (1)
Joel Bergman A.I.A. (1)
Martin, Peltyn & Assoc. (1)
tp
Sierra Construction (1)
City of Las Vegas (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report May 15, 1986
Reviewed By Martin Nash

Date of Examination: 05-14-86

Total Accepted Approx. 160
Total Rejected 0
% Rejected 0

P.O. No	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5×7	N/A
Part No.	N/A	Pen. Rejected	N/A	5×12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7×17	N/A
Material	Nelson Studs	Mag. Rejected	N/A	8×10	N/A
Spec.	AWS D1.1	Qty. X-Rayed	N/A	10×12	N/A
		Qty. Accepted	N/A	11×14	N/A
		Qty. Rejected		14×17	N/A
				No. Views	N/A

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection was performed by Jim Lovett on approximately 160 SMAW welded Nelson Studs. All were found to be rejected. Nevada Steel re-welded studs to make acceptable to plans and AWS D1.1. All were re-inspected and found to be acceptable on Grid Lines 30 to 31 on the 2nd floor of Golden Nugget Tower.	None	0

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman A.I.A. (1)
Martin, Peltyn & Assoc. (1)
tp

Sierra Construction (1)
City of Las Vegas (1) Jobsite

Dona Hiesley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

HIGH STRENGTH BOLT OBSERVATION

Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No. 1
Report No. ____ Date 05-15-86
Reviewed By Martin Nash
Date Examined 05-14-86

Project Golden Nugget Tower
Erector Nevada Steel Technician Jim Lovett - Martin Nash/WT
Bolt Type: ASTM A-325 Type One Diameter, in. 1" Minimum Tension, lbs. 51,500
Washer: ASTM A-325 Type Hard Torque Wrench No. WTI 451

Column Line/Level		Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
13	03	All	X							10% or at least 2 bolts per
14	03	All	X							connection were torque
15	03	All	X							checked to 790 foot pounds
16	03	All	X							and found to be acceptable.
17	03	All	X							
18	03	All	X							
19	03	All	X							
20	03	All	X							
NOTE: All connections were between column grid lines K to M.6.										

Copies to: Client (1)
Joel Bergman A.I.A. (1)
Martin, Peltyn & Assoc. (1)
Sierra Construction (1)
City of Las Vegas (1) Jobsite

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Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report May 19, 1986
Reviewed By Martin Nash

Date of Examination: 05-19-86

Total Accepted All
Total Rejected None
% Rejected 0

P.O. No.	N/A	Qty Received	N/A	Film Used	
Gust. Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No.	N/A	Pen Rejected	N/A	5 x 12	N/A
Heat No.	N/A	Mag Accepted	N/A	7 x 17	N/A
Material	A-36	Mag Rejected	N/A	8 x 10	N/A
Spec.	AWS D1.1	Qty X-Rayed	N/A	10 x 12	N/A
		Qty. Accepted	N/A	11 x 14	N/A
		Qty. Rejected	N/A	14 x 17	N/A
				No Views	N/A

Summary	Quantity Rejected	Percent of Total
Performed a visual and mechanical weld inspection of pipe to beams and plate to plate to beam located between G.4 and J1 as per attached drawing by Eric Jasivkaitis of Martin & Associates.	None	0
Inspection performed by Jim Lovett on 05-19-86 at Golden Nugget Tower.		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman A.I.A. (1)
Martin, Peltyn & Assoc. (I)
Sierra Construction (1)
City of Las Vegas (1) Jobsite

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Dona Hasely 1-6-88

TO: BUD & KISH

MARTIN & associates — MARTIN & ASSOCIATES ◻ STRUCTURAL ENGINEERS

FIELD VISIT REPORT

Date: 5-15-86

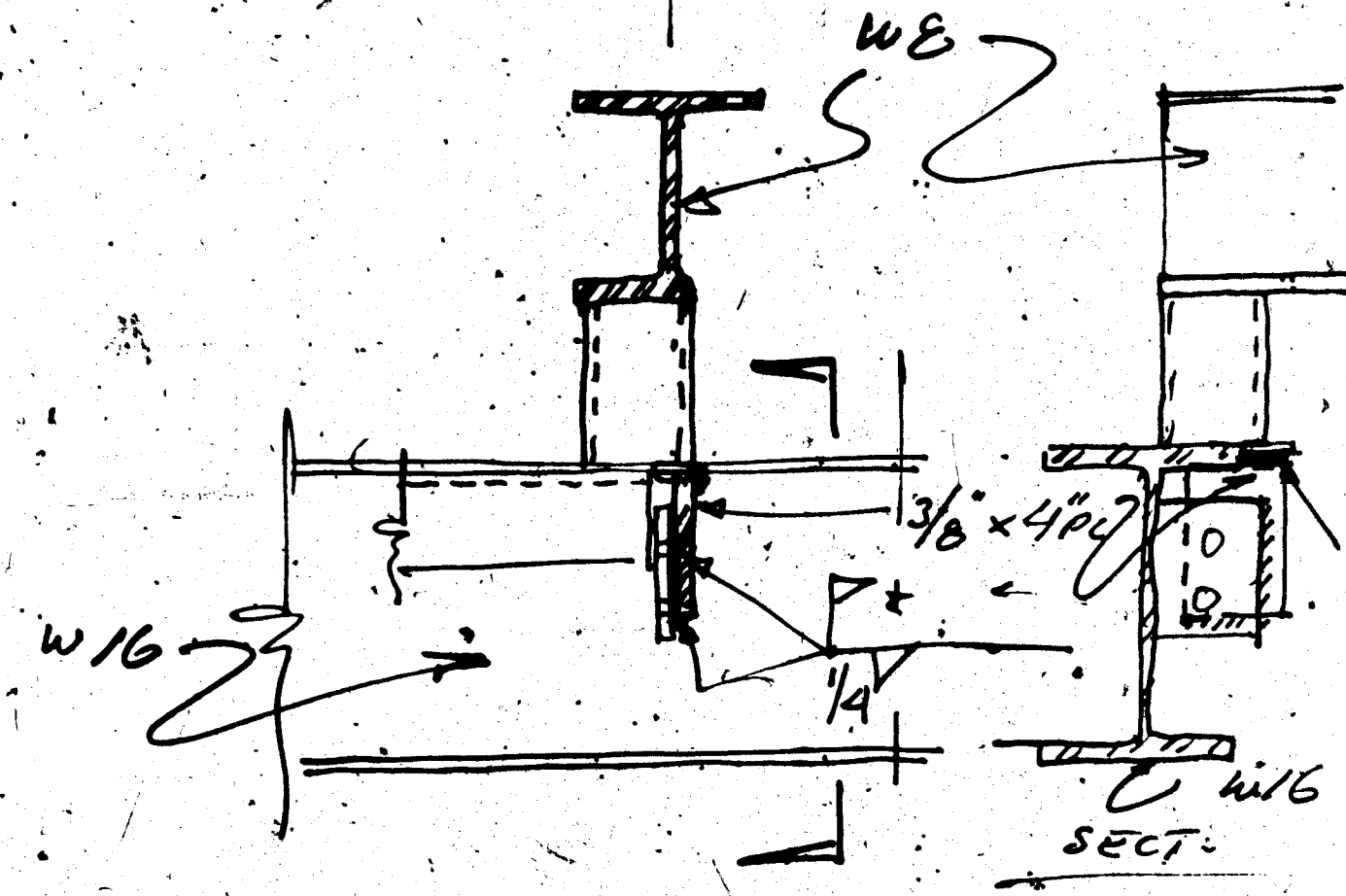
Present: ERIC JASUKAITIS
MARTIN NASH

Distribution:
ATCANOIA WEST
ATCANOIA EAST
SIERRA
WESTECH TECH
CITY OF L.V.

The following items require the indicated remedial action:

BETWEEN G.4 : J1

(30.7)



3RD LEVEL FRAMING

FIELD FIX
SUPERCEDES ALL PREVIOUS REVISIONS & CORRECTIONS

Prepared by: G. JASUKAITIS Discipline: STRUCT.

DATAPOINT 5220

1001 Rancho Drive So., Las Vegas, Nevada (702) 385-5300

REVISED COPY

Dora Haesly 1-6-88

SIERRA CONSTRUCTION CORP.

5255 SOUTH VALLEY VIEW BLVD. (89118) AREA CODE 702-739-1991 LAS VEGAS, NEVADA POST OFFICE BOX 14306 (89114)

PROJECT GNLV - New Tower

FILE 250.375/A19/S-4

TO Steel Structures
6025 South Procyon Avenue
Las Vegas, Nevada 89118

DATE May 12, 1986

ATTN.

SUBMITTAL NO.
(IN REPLY PLEASE REFER TO SUBMITTAL NO.)

WE ARE TRANSMITTING HEREWITH FOR YOUR

( ) APPROVAL (X) FILE ( ) ACTION ( ) SELECTION ( ) REFERENCE

ITEM	COPIES	DESCRIPTION
1.	1	Your Sketches 1 and 2 of 2 Showing Field Modification to Landing at Stair B-1, APPROVED as noted.

REMARKS OR SPECIAL NOTES

SENT BY
FIRST CLASS MAIL (X)
EXPRESS MAIL ( )
SPECIAL DELIVERY ( )
UNITED PARCEL SERVICE ( )
FEDERAL EXPRESS ( )
AIRLINE SERVICE ( )
GREYHOUND BUS ( )
UNDER SEPARATE COVER ( )
PICKED UP ( )
HAND CARRIED ( )

JWK:gjc

r/kr

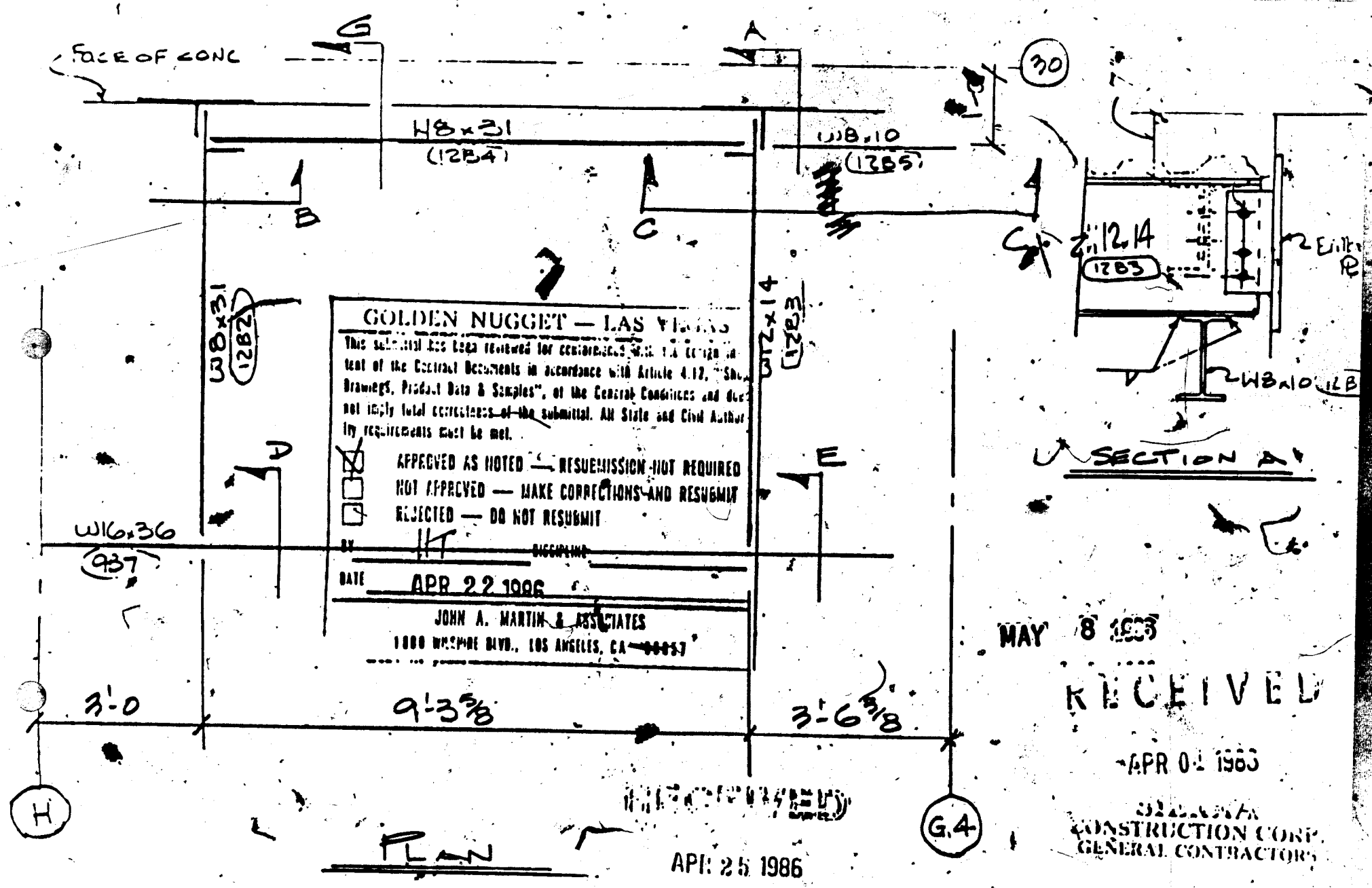
VERY TRULY YOURS,

SIERRA CONSTRUCTION CORP.

Jerry Koerwitz

CC: Marty Sibella, SCC-FO*
Bill Koerwitz**

* W/Copy
** W/O Copy



GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design intent of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Product Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and Civil Authority requirements must be met.

- [x] APPROVED AS NOTED — RESUBMISSION NOT REQUIRED
- [ ] NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT
- [ ] REJECTED — DO NOT RESUBMIT

BY HT DISCIPLINE

DATE APR 22 1986

JOHN A. MARTIN & ASSOCIATES
1000 WILSHIRE BLVD., LOS ANGELES, CA 90057

RECEIVED
APR 25 1986

MAY 8 1986

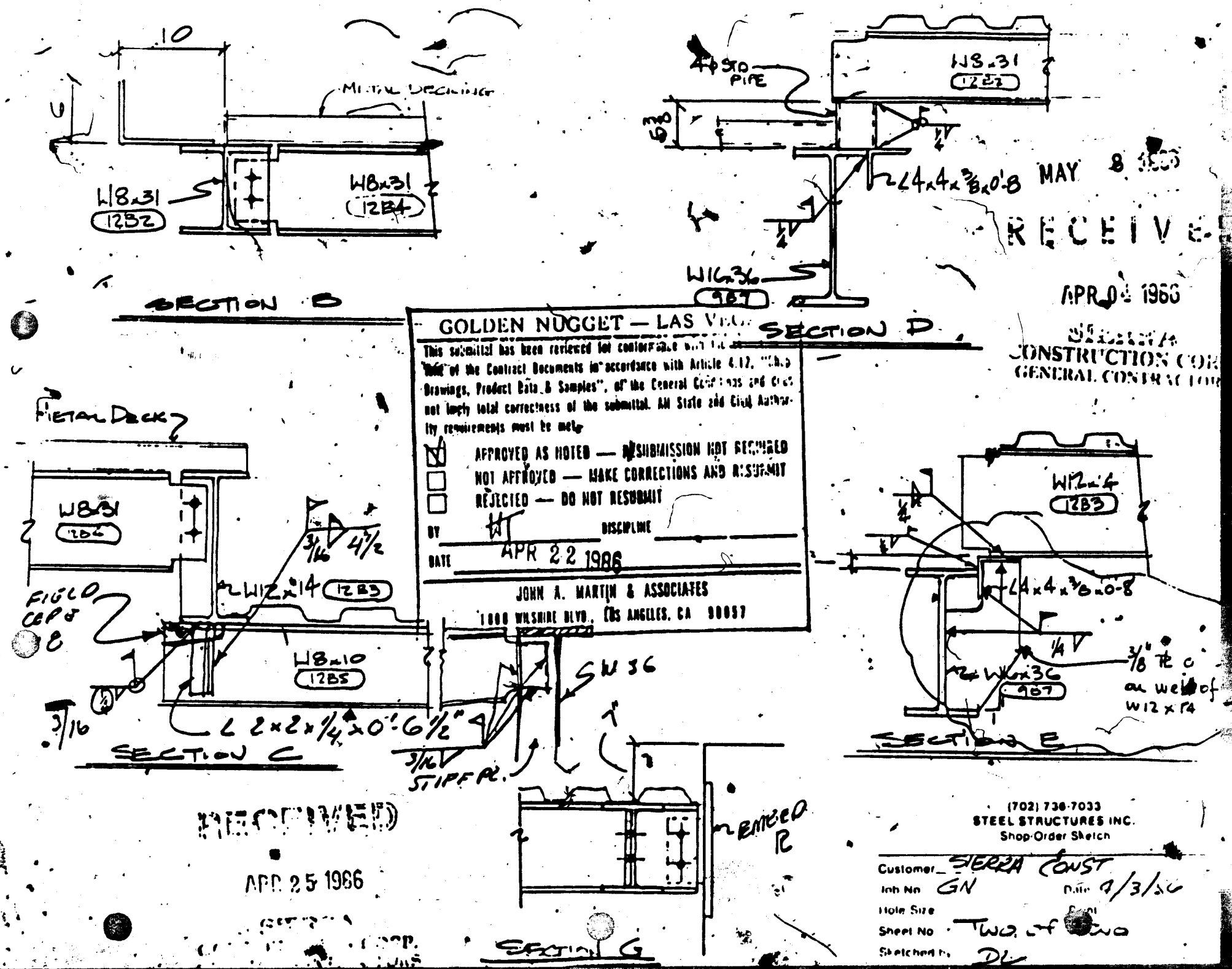
RECEIVED
APR 04 1986
SIERRA CONSTRUCTION CORP.
GENERAL CONTRACTORS

(702) 736-7033
STEEL STRUCTURES INC.
Shop Order Sketch

Customer SIERRA CONST.
Job No GOLDEN Nugget Date 4/3/86
Hole Size
Sheet No ONE OF TWO
Sketched by DL

250.375/A20S/S4
CSI NO. 5.11

Dona Shealy 1-6-88



GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the [illegible] of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Product Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and Civil Authority requirements must be met.

- [x] APPROVED AS NOTED — RESUBMISSION NOT REQUIRED
- [ ] NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT
- [ ] REJECTED — DO NOT RESUBMIT

BY [illegible] DISCIPLINE

DATE APR 22 1986

JOHN A. MARTIN & ASSOCIATES
1000 WILSHIRE BLVD., LOS ANGELES, CA 90057

MAY 8 1986

RECEIVED

APR 04 1986

SIERRA CONSTRUCTION CORP.
GENERAL CONTRACTOR

RECEIVED

APR 25 1986

SIERRA CONSTRUCTION CORP.

(702) 736-7033
STEEL STRUCTURES INC.
Shop-Order Sketch

Customer SIERRA CONST
Job No GN Date 4/3/86
Hole Size Point
Sheet No TWO of TWO
Sketched by DL

1-6-88

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 41450182
Lab./Invoice No.
Date of Report May 19, 1986
Reviewed By Martin Nash

Date of Examination: 05-19-86

Total Accepted All
Total Rejected None
% Rejected None

P.O. No	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No.	N/A	Pen. Rejected	N/A	5 x 12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	Nelson Studs	Mag. Rejected	N/A	8 x 10	N/A
Spec.	AWS D1.1	Qty. X-Rayed	N/A	10 x 12	N/A
		Qty. Accepted	N/A	11 x 14	N/A
		Qty. Rejected	N/A	14 x 17	N/A
				No. Views	N/A

Summary	Quantity Rejected	Percent of Total
Performed a visual and mechanical inspection of Nelson Studs completed on 2nd floor between grid lines 21 thru 30, column lines A to E. All were found to be acceptable to plans and AWS D1.1.	None	0
Button punch of decking of above mentioned area was inspected and found to be acceptable.		
Inspection was performed by Jim Lovett on 05-19-86 at Golden Nugget Tower.		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman A.I.A. (1)
Martin, Peltyn & Assoc. (1)
tp

Sierra Construction (1)
City of Las Vegas (1) Jobsite

129 E. Fremont
SPEC REPORTS

Nova Steel 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145-1182
Lab./Invoice No.
Date of Report May 20, 1986
Reviewed By Martin Nash

Date Of Examination: 05-19-86

Total Accepted All
Total Rejected None
% Rejected None

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5×7	N/A
Part No.	N/A	Pen. Rejected	N/A	5×12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7×17	N/A
Material	Nelson Studs	Mag. Rejected	N/A	8×10	N/A
Spec.	AWS D1.1	Qty. X-Rayed	N/A	10×12	N/A
		Qty. Accepted	N/A	11×14	N/A
		Qty. Rejected	N/A	14×17	N/A
				No. Views	N/A

Summary	Quantity Rejected	Percent of Total
Performed a visual and mechanical inspection of Nelson Studs completed on 3rd floor between grid lines 21 to 31, column lines A to E. All were found to be acceptable to plans and AWS D1.1. Inspection completed on 05-15-86 and 05-19-86 by Jim Lovett at Golden Nugget Tower. Button Punch of decking of above mentioned area was inspected and accepted on 05-15-86 and 05-20-86.	None	0

NOTE:
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman A.I.A. (1)
Martin, Peltyn & Assoc. (1)

Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182

Lab./Invoice No.

Date of Report June 2, 1986

Reviewed By Martin Nash, Jr.

Date of Examination: 05-30-86

Total Accepted All

Total Rejected None

% Rejected 0

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No.	N/A	Pen. Rejected	N/A	5 x 12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	Decking Studs	Mag. Rejected	N/A	8 x 10	N/A
Spec.	AWS D1.1-85	Qty. X-Rayed	N/A	10 x 12	N/A
		Qty. Accepted	All	11 x 14	N/A
		Qty. Rejected	None	14 x 17	N/A
				No. Views	N/A

	Summary	Quantity Rejected	Percent of Total
1	A visual and mechanical inspection of Nelson Studs, Decking and Button Punching of Decking was performed by Jim Lovett on 05-29 and 05-30-86 of the following location on the Golden Nugget Tower: 1. Column line K to column line M.6, grid lines 20 thru 30 2. M.6 to existing garage, grid lines 20 thru 30. Above reference was found to be acceptable to plans, specifications and AWS D1.1-85	0	0

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman, A.I.A. (1)
Martin, Peltyn & Assoc. (1)

Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Dona Hecht 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report June 4, 1986
Reviewed By Martin Nash

Date of Examination: 06-02-86

Total Accepted All
Total Rejected None
% Rejected 0

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No.	N/A	Pen. Rejected	N/A	5 x 12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	Decking Studs	Mag. Rejected	N/A	8 x 10	N/A
Spec.	AWS D1.1-85	Qty. X-Rayed	N/A	10 x 12	N/A
		Qty. Accepted	N/A	11 x 14	N/A
		Qty. Rejected	N/A	14 x 17	N/A
				No. Views	N/A

Summary	Quantity Rejected	Percent of Total
A visual and mechanical inspection was performed by Jim Lovett on Nelson Studs and Decking of the 3rd floor, column line K to M.6, grid lines 20 thru 30 of the Golden Nugget Tower on 06-02-86. All Nelson Studs and Button Punching of Decking were found to be acceptable to plans, specifications and AWS D1.1.	0	0

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Martin, Peltyn, & Assoc. (1)
Joel Bergman, A.I.A. (1)

Sierra Construction (1)
City of Las Vegas (1) Jobsite

tn

Steve Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report June 4, 1986
Reviewed By Martin Nash

Date of Examination: 06-03-86

Total Accepted All
Total Rejected None
% Rejected 0

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No.	N/A	Pen. Rejected	N/A	5 x 12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	Decking & Studs	Mag. Rejected	N/A	8 x 10	N/A
Spec.	AWS D1.1-85	Qty. X-Rayed	N/A	10 x 12	N/A
		Qty. Accepted	N/A	11 x 14	N/A
		Qty. Rejected	N/A	14 x 17	N/A
				No. Views	N/A

Summary	Quantity Rejected	Percent of Total
A visual and mechanical inspection was performed by Jim Lovett on the 2nd floor of the Golden Nugget Tower column line A to column line B, grid line 11 to grid line 20. Nelson Studs and Button Punching of the Decking were found to be acceptable to plans and AWS D1.1. Inspection performed on 06-03-86.	0	0

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman, A.I.A. (1)
Martin, Peltyn & Assoc. (1)

Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Dora Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report June 10, 1986
Reviewed By Martin Nash

Date of Examination: 06-06-86

Total Accepted All
Total Rejected None
% Rejected 0

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No.	N/A	Pen. Rejected	N/A	5 x 12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	Studs, Decking	Mag. Rejected	N/A	8 x 10	N/A
Spec	AWS D1.1-86	Qty. X-Rayed	N/A	10 x 12	N/A
		Qty. Accepted	N/A	11 x 14	N/A
		Qty. Rejected	N/A	14 x 17	N/A
				No. Views	N/A

Summary	Quantity Rejected	Percent of Total
A visual and mechanical inspection was performed by Jim Lovett on Nelson Studs and Button Punching of decking on the Golden Nugget Tower 2nd and 3rd levels between column lines K and M.6 at grid lines 15 to 20. Inspection performed on 06-06-86.	0	0

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman, A.I.A. (1)
Martin, Peltyn & Assoc. (1)
Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Donna Hensley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89102
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-25-86
Reviewed By Martin Nash

P.O. No	N/A	Qty Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No.	N/A	Pen Rejected	N/A	5 x 12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	A36	Mag. Rejected	N/A	8 x 10	N/A
Spec	AWS D1.1-86	Qty X-Rayed	N/A	10 x 12	N/A
		Qty. Accepted	N/A	11 x 14	N/A
		Qty. Rejected	N/A	14 x 17	N/A
				No Views	N/A

Inspection completed on: 06-23-86
Total Accepted All
Total Rejected None
% Rejected 0

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection was performed by Jim Lovett on full and partial penetration welds on column splices G.3 and J.1, 5th and 7th levels of the Golden Nugget Tower and all welds were found to be acceptable to plans and AWS D1.1-86. All Fillet welds (beam to anchor plates) at pocket connections located at column line 30, grid lines G.3 and J.1 were found to be acceptable to plans and AWS D1.1-86 on floors 3,4,5,6,7,8,9 (Stair Landings) Inspections completed on 06-23-86.	0	0

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman A.I.A. (1)
Martin, Peltyn & Assoc. (1)
tp

Sierra Construction (1)
City of Las Vegas (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

HIGH STRENGTH BOLT OBSERVATION

Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. Date 06-25-86
Reviewed By Martin Nash
Date Examined 06-23-86

Project Golden Nugget Tower
Erector Nevada Steel Technician Jim Lovett/WT
Bolt Type: ASTM A325 Type One Diameter, in. 1 Minimum Tension, lbs. 51500
Washer: ASTM A325 Type Hard, Flat Torque Wrench No. WTI 451

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
Bolted connections between columns 30 to 31, Grid lines G.3 and J.1, Floors 3,4,5,6,7,8,9	All	X							10% or at least 2 bolts per connection were torque checked and found to be acceptable.
Inspection completed on 06-23-86									

Copies to: Client (1)
Joel Bergman A.I.A (1)
Martin, Pletyn & Assoc. (1)
Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-25-86
Reviewed By Martin Nash

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No.	N/A	Pen. Rejected	N/A	5 x 12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	Rebar	Mag. Rejected	N/A	8 x 10	N/A
Spec.	AWS D1.4	Qty. X-Rayed	N/A	10 x 12	N/A
		Qty. Accepted	N/A	11 x 14	N/A
		Qty. Rejected	N/A	14 x 17	N/A
				No. Views	N/A

Final Inspection Completed: 06-20-86

Total Accepted All

Total Rejected None

% Rejected 0

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection was performed by Jim Lovett on 44 number 11 Rebar Full Penetration Welds (Direct Splice) located on Golden Nugget Tower Area E at Grid Lines:	0	0
Z2 Total of 12 #11 Rebars		
Z7 Total of 8 #11 Rebars		
Z9 Total of 12 #11 Rebars		
X9 Total of 8 #11 Rebars		
X2 Total of 4 #11 Rebars		
All welds were found to be acceptable to AWS D1.4		
Final inspection completed on 06-20-86		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman, A.I.A. (1)
Martin, Peltyn & Assoc, (1)

Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Dora Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont St.
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report July 16, 1986
Reviewed By Martin W. Nash MW

Date of Examination: 07-14-86

Total Accepted All.
Total Rejected None
% Rejected 0

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No.	N/A	Pen. Rejected	N/A	6 x 12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	Nelson Studs	Mag. Rejected	N/A	8 x 10	N/A
Spec.	AWS D1.1-86	Qty X-Rayed	N/A	10 x 12	N/A
		Qty. Accepted	N/A	11 x 14	N/A
		Qty. Rejected	N/A	14 x 17	N/A
				No Views	N/A

Summary	Quantity Rejected	Percent of Total
A visual and mechanical inspection of Nelson Studs was performed by Jim Lovett at the Golden Nugget Tower, 2nd floor at grid lines K15 to M.6 15, K14, to M.6, I4 and K13 to M.6 , 13 with the exception of a 4 ft. by 10 ft. blockout near M.6, 13.	0	0
3rd floor same as above with no blockout		
Inspection of button punching was completed and accepted in above mentioned areas.		
Inspection performed in accordance with specifications, plans and AWS D1.1-86.		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman, A.I.A. (1)
Sierra Construction (1)
Martin, Peltyn & Assoc. (1)
City of Las Vegas (1) Jobsite

s tp

Dona Hanely 8-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

HIGH STRENGTH BOLT OBSERVATION

Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, Nevada 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. Date 08-18-86
Reviewed By Martin W. Nash
Date Examined 7-24-86

Project Golden Nugget Tower
Erector Nevada Steel Technician Jim Lovett
Bolt Type: ASTM A-325 Type One Diameter, in. 1" Minimum Tension, lbs. 51,500
Washer: ASTM A-325 Type Flat & Hard Torque Wrench No. WTT 451

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
J1 to J9 02	All	X							10% or at least (2) two
F1 to F13 02	All	X							bolts per connection were
									torque checked and found to
									be acceptable.

Copies to: Client (1)
Joel Bergman (1)
Martin, Peltyn & Assoc. (1)
Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Doris Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, Nevada 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182

Lab./Invoice No.

Date of Report August 18, 1986

Reviewed By Martin W. Nash

Date of Final Re-inspection: 8-14-86

Total Accepted All

Total Rejected None

% Rejected N/A

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No.	N/A	Pen. Rejected	N/A	5 x 12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	Various	Mag. Rejected	N/A	8 x 10	N/A
Spec.	AWS D1.1-86	Qty. X-Rayed	N/A	10 x 12	N/A
	Plan Specifications	Qty. Accepted	All	11 x 14	N/A
	& Engineer Revision	Qty. Rejected	None	14 x 17	N/A
				No. Views	N/A

Summary	Quantity Rejected	Percent of Total
GOLDEN NUGGET TOWERS	N/A	N/A
Type of inspections: Visual and mechanical		
Location: 13th level, East stair landing		
Required remedial action by Project Engineer Eric Jasiuisaitis		
Correction on remedial action carried out by General Contractor, Sierra Construction Company. Superintendent: Marty Sibella. Final weld inspected and accepted in accordance with Engineer (Eric Jasiuisaitis) revised changes, and AWS D1.1-86.		
Inspections, reinspections and reports performed by WESTERN TECH. SNT-TC-1A, LEVEL II VT inspector: Martin W. Nash		
	N/A	N/A

NOTE See attached field visit report.
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman (1)
Martin, Peltyn, & Assoc. (1)
Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Dona [redacted] 1-6-88

1 OF 2

FIELD VISIT REPORT

Joel D. Bergman, AIA • Architect
P.O. Box 280, Pleasantville, N.J. 08232 (609) 646-0177

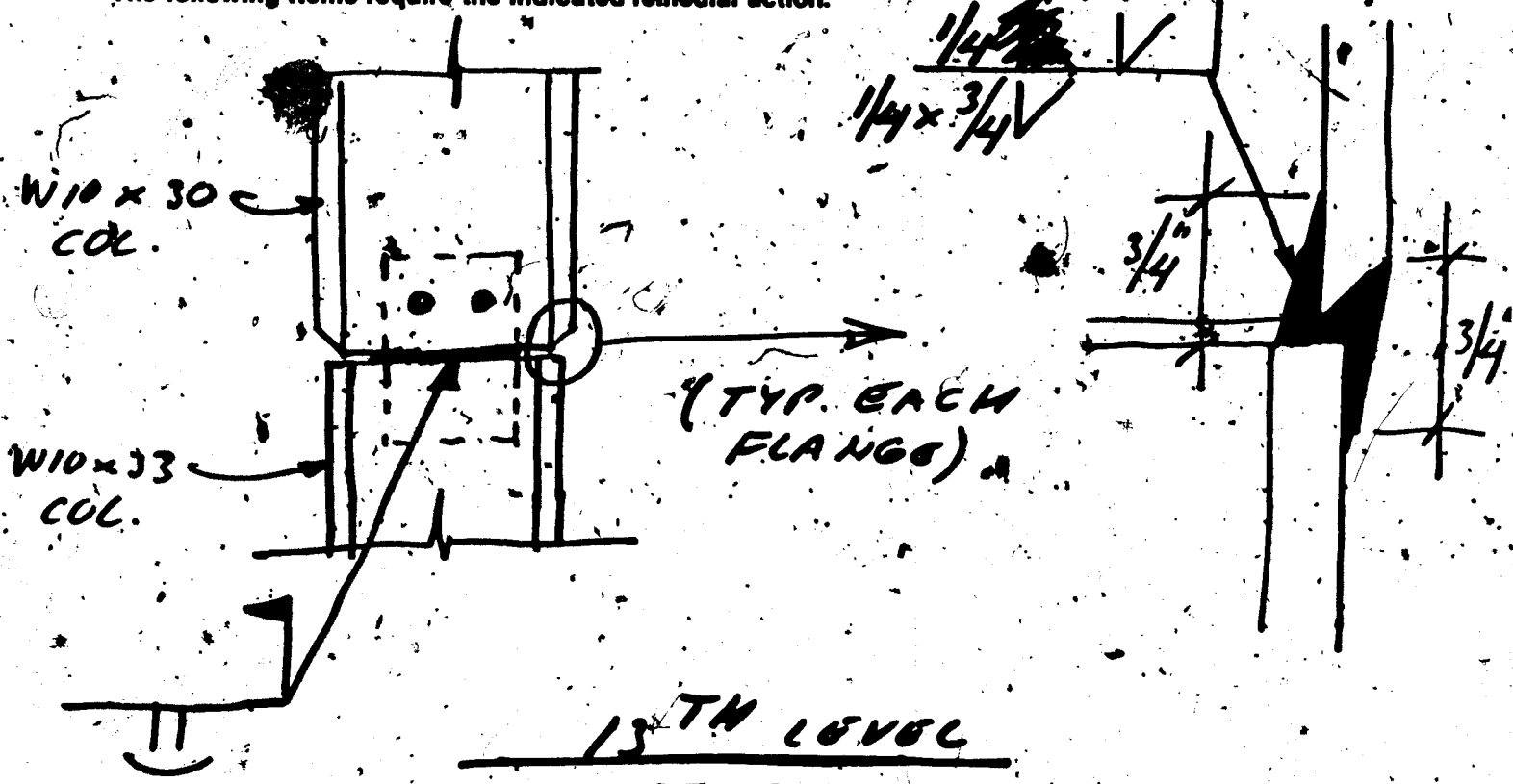
Date: 8-8-86

Project: TOWER 3
A.O.= 84079 B

Present: ERIC JASIUKAITIS
MARTIN NASH

Distribution: SIERRA CAMIN
CITY OF L.V. INSP.
BOB FRAO
ATLANDIA EAST
ATLANDIA WEST
[redacted] WESTERN TECH.

The following items require the indicated remedial action:



13TH LEVEL
EAST STAIR LANDING
TOWER 3

COL. FIX

Prepared by: ERIC JASIUKAITIS Discipline: STRUCT.

PLN-1002/7/81

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, Nevada 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date of Report August 18, 1986
Reviewed By Martin W. Nash

Dates of Final Re-inspections: 8-12-86 & 8-13-86

Total Accepted All
Total Rejected None
% Rejected N/A

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5×7	N/A
Part No.	N/A	Pen. Rejected	N/A	5×12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7×17	N/A
Material	Various	Mag. Rejected	N/A	8×10	N/A
Spec.	AWS D1.1-86	Qty. X-Rayed	N/A	10×12	N/A
	Plan Specifications &	Qty. Accepted	All	11×14	N/A
	Engineer Revision	Qty. Rejected	None	14×17	N/A
				No. Views	N/A

Summary	Quantity Rejected	Percent of Total
GOLDEN NUGGET TOWERS	N/A	N/A
Type of inspections: Visual and bolt inspections, Location Beam connection, 2nd floor, line 13, F-L.		
Required remedial action by project Engineer, Eric Jasiuisaitis. Corrections on remedial action carried out by sub-contractor.		
Superintendent: Lew Hilligass.		
Final visual and bolt torque re-inspections accepted in accordance with Engineer (Eric Jasiuisaitis), revised changes, and W.T. Inc. Bolt Inspection Procedure using W.T. Inc. calibrated torque wrench S/N WTI-451. Bolt torque re-inspection on 10% or 2 bolts per connection on 1 inch A-325 bolts. Torque checked to 790 foot pounds. Inspections, re-inspections and reports performed by WESTERN TECH. SNT-TC-1A LEVEL II VT inspector: Martin W. Nash.		
	N/A	N/A

NOTE: See attached field visit report
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman (1)
Martin, Peltyn, & Assoc. (1)

Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Dona Haisley 12-6-88

2 of 2

FIELD VISIT REPORT

Joel D. Bergman, AIA Architect
P.O. Box 280, Pleasantville, N.J. 08232 (609) 646-0177

Date: 8-8-88

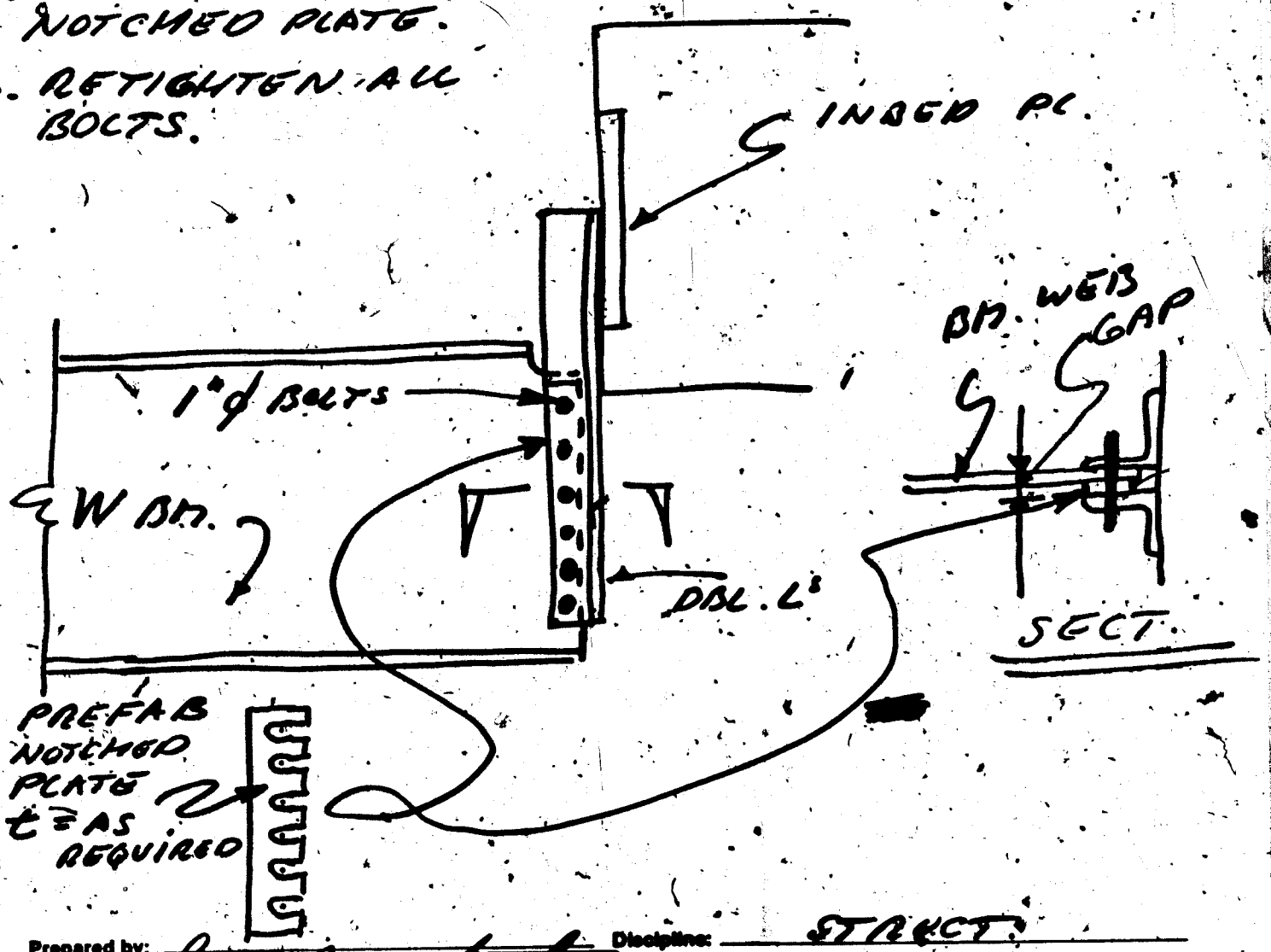
Distribution: SIERRA CONSTR.
BUD FORD
[redacted]
ATLANDIA EAST
ATLANDIA WEST
WESTERN TECH.

Project: TOWER 3
ADF 84079 B

Present:
ERIC JASIUKAITIS
MARK NASH

The following items require the indicated remedial action: BEAM CONNECTION 2ND FLOOR LINE "13" F-L

1. LOOSEN ALL BOLTS.
2. INSTAL PREFAB. NOTCHED PLATE.
3. RETIGHTEN ALL BOLTS.



Prepared by: Eric Jasiukaitis **Discipline:** STRUCT.

PLN-1002/7/81

Dona Hastey 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, Nevada 89101

Job No. 4145J182
Lab./Invoice No.
Date of Report August 18, 1986
Reviewed By Martin W. Nash

Date of Final Re-inspection: 8-14-86

Total Accepted All
Total Rejected None
% Rejected N/A

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5×7	N/A
Part No.	NA	Pen. Rejected	N/A	5×12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7×17	N/A
Material	Various	Mag. Rejected	N/A	8×10	N/A
Spec.	AWS D1.1-86	Qty. X-Rayed	N/A	10×12	N/A
Plan Specification &		Qty. Accepted	All	11×14	N/A
Engineer Revision		Qty. Rejected	None	14×17	N/A
				No. Views	N/A

Summary	Quantity Rejected	Percent of Total
GOLDEN NUGGET TOWERS	N/A	N/A
Type of inspection: Visual and mechanical		
Location: 2nd level-grid F-11		
Required remedial action by project Engineer Eric Jasiuisaitis.		
Correction on remedial action carried out by Steel, Inc.		
Subcontractor Site Superintendent: Lew Hilligass		
Final weld inspected and accepted in accordance with Engineer (Eric Jasiuisaitis), revised changes, and AWS D1.1-86.		
Inspections, re-inspections and reports performed by WESTERN TECH. SNT-TC-1A LEVEL II, VT inspector: Martin W. Nash		
	N/A	N/A

NOTE See attached field visit report
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman (1)
Martin, Peltyn & Assoc. (1)

Sierrra Construction (1)
City of Las Vegas (1) Jobsite

tp

Dona Shirley | 1-6-88

FIELD VISIT REPORT

Joel D. Bergman, AIA Architect
P.O. Box 280, Pleasantville, N.J. 08232 (609) 646-0177

Date: 8-13-86

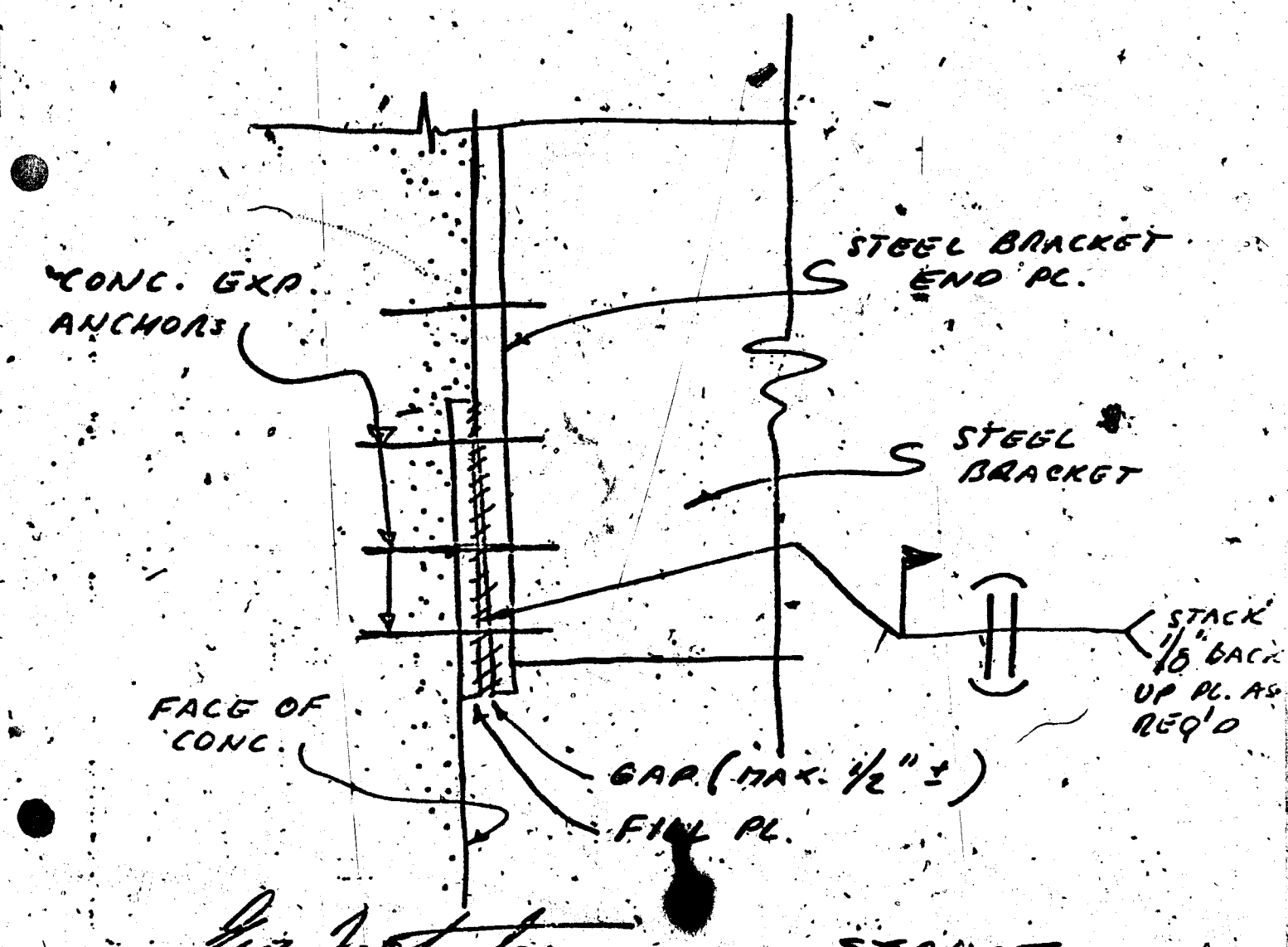
Project: GNLV ADF. 84079C

Present:
ERICK JASIUKAITIS
MARTIN NASH

Distribution: ATLANDIA EAST
ATLANDIA WEST
SIERRA CONST.
SPECIAL INSPECTOR
CITY OF L.V.
WESTERN TECH.

The following items require the indicated remedial action:

TOWER #3 2ND LEVEL - GRID F-11



Prepared by: Erick Jasiukaitis **Discipline:** STRUCT.

PLN-1002 7 81

Done Daily 11-6-86.

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, Nv 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182

Lab./Invoice No.

Date of Report August 18, 1986

Reviewed By Martin W. Nash

Dates of Inspections: 8-11-86, 8-12-86, & 8-13-86

Total Accepted All

Total Rejected None

% Rejected N/A

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Perf. Accepted	N/A	5×7	N/A
Part No.	N/A	Perf. Rejected	N/A	5×12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7×17	N/A
Material	Various	Mag. Rejected	N/A	8×10	N/A
Spec.	AWS D1.1-86 Sec. 7 & Plan Specifications	Qty. X-Rayed	N/A	10×12	N/A
		Qty. Accepted	All	11×14	N/A
		Qty. Rejected	None	14×17	N/A
				No. Views	N/A

Summary	Quantity Rejected	Percent of Total
GOLDEN NUGGET TOWERS	N/A	N/A
Type of inspections: Visual and mechanical location: 2nd level lines 1-9, G-J, 9-13, G-L, stud welds.		
Welding carried out by Steel, Inc.		
Sub-Contractor Site Superintendent: Lew Hilligass		
All stud welds visually inspected and mechanical inspected in accordance with AWS D1.1-86, Section 7.		
Also inspected same as above locations A-325, 1 inch bolts 10% or 2 bolts per connection. Torque checked to 790 ft. pounds with W.T. Inc. calibrated torque wrench S/N WTI-451.		
All bolts inspected and accepted in accordance with W.T. Inc. Bolt Inspection Procedure.		
Inspections and report performed by WESTERN TECH. SNT-TC-1A LEVEL II		
VT inspector: Martin W. Nash		
	N/A	N/A

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman (1)
Martin, Peltyn, & Assoc. (1)

Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Dona Hasely Sc. 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, Nevada 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report August 18, 1986
Reviewed By Martin W. Nash

Final Inspection Completed On: 7-24-86

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No.	N/A	Pen. Rejected	N/A	5 x 12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	A-36	Mag. Rejected	N/A	8 x 10	N/A
Spec.	AWS D1-1-86	Qty. X-Rayed	N/A	10 x 12	N/A
		Qty. Accepted	N/A	11 x 14	N/A
		Qty. Rejected	N/A	14 x 17	N/A
				No. Views	N/A

Total Accepted All
Total Rejected None
% Rejected 0

Summary	Quantity Rejected	Percent of Total
A visual weld inspection of Beam Bolt Clip Attachments to Embed Plates at J2 to J9 and F1 to F13 and beam to beam full penetration weld at J1, second floor was performed by Jim Lovett. Welds were found to be acceptable to plans, specifications and AWS D1.1.	0	0
A visual inspection was also performed on Nelson Studs between F1 and J1 thru F13 and J9 and all were found to be acceptable.		
Button punching and welding of decking in above area was found to be acceptable.		
Final inspection completed on 7-24-86.		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman (1)
Martin, Peltyn & Assoc. (1)

Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Bob Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, Nevada 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182

Lab./Invoice No.

Date of Report 8-22-86

Reviewed By Martin W. Nash

Date of Examination: 8-21-86

Total Accepted All

Total Rejected None

% Rejected 0

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5×7	N/A
Part No.	N/A	Pen. Rejected	N/A	5×12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7×17	N/A
Material	A-36	Mag. Rejected	N/A	8×10	N/A
Spec.	AWS D1.1-86	Qty. X-Rayed	N/A	10×12	N/A
		Qty. Accepted	N/A	11×14	N/A
		Qty. Rejected	N/A	14×17	N/A
				No. Views	N/A

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection was performed by Jim Lovett at the Golden Nugget Tower on welded Bolt Clips to Embed Plates, 2nd floor, P-W column lines, and 3rd floor level, column lines Q-Z. All located on grid line 9. All welds found to be acceptable to plans, specifications and AWS D1.1-86.	0	0
Inspection completed on 8-21-86		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman (1)
Martin, Peltyn & Assoc. (1)
Sierra Construction (1)
City of Las Vegas (1) Jobsite.

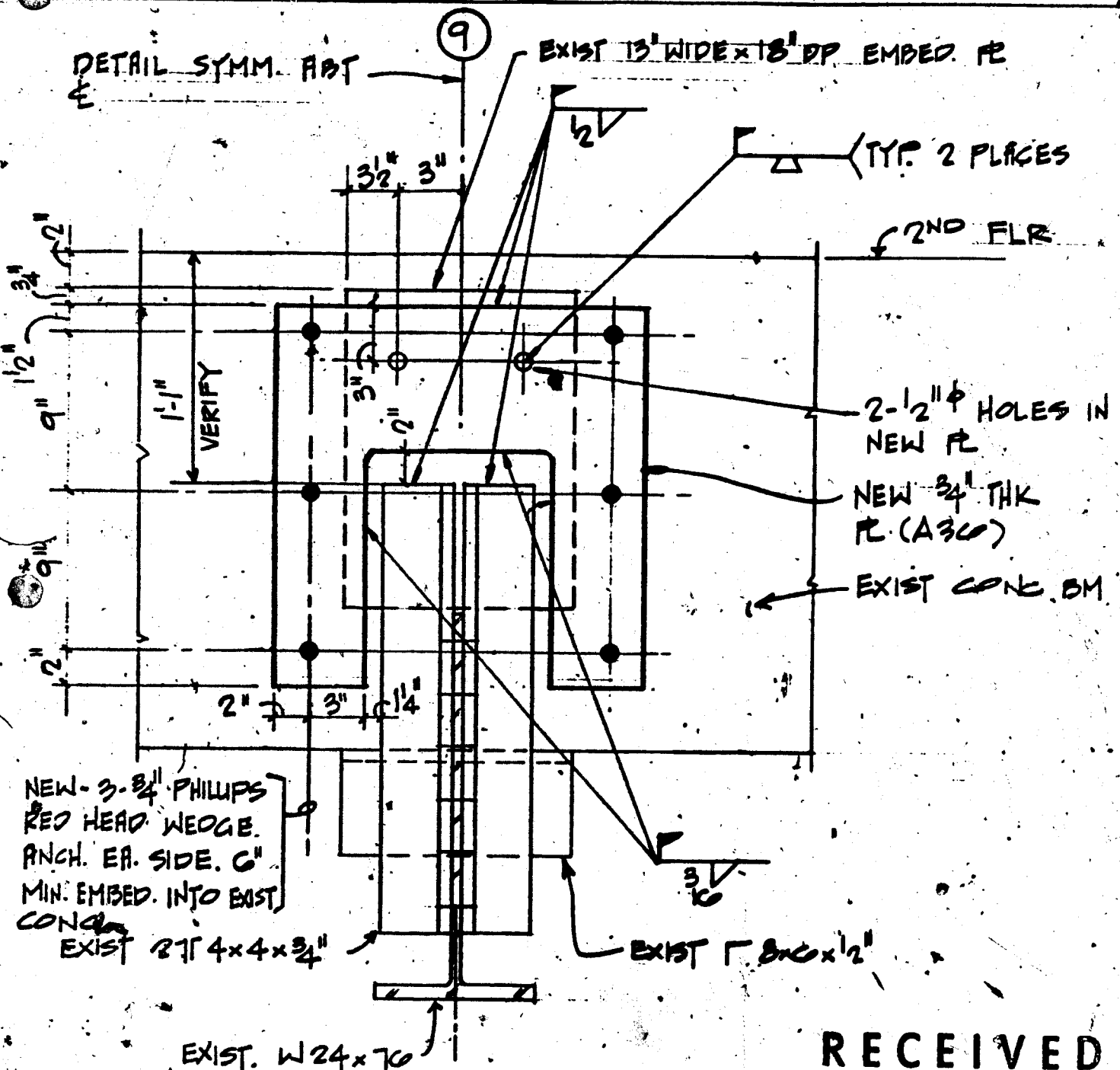
tp

Dona Haesly 1-6-88

BULLETIN DRAWING

JOEL D. BERGMAN, AIA ARCHITECT
P.O. BOX 280, PLEASANTVILLE, N.J. 08232 (609) 646-0177
P.O. BOX 610, LAS VEGAS, NEVADA 89125 (702) 385-7111

BULLETIN 81



ELEVATION - LOOKING WEST

½" = 1'-0"

SCC 375

RECEIVED
JUL 18 1986
SIERRA CONSTRUCTION CORP
GENERAL CONTRACTORS

PROJECT HIGHRISE 8409C	TITLE STRENGTHENING EXIST. CONN. AT GRID "F"-"9"		DRAWING # DISCIPLINE S No. 81
REQUESTED BY: SIERRA	APPROVED BY: F.W.	DATE: 7-16-86	SHEET 1 OF 1

Dona Haesly 1-6-88

SIERRA CONSTRUCTION CORP.

5255 SOUTH VALLEY VIEW BLVD. (89118)
AREA CODE 702-739-1991
LAS VEGAS, NEVADA
POST OFFICE BOX 14306 (89114)

PROJECT GNLV - Tower IV

FILE 250.300/A19/A24B

TO Sierra Construction Corp.
Field Office
Golden Nugget Hotel

DATE August 19, 1986

ATTN: Doyal Rea

SUBMITTAL NO.
(IN REPLY PLEASE REFER TO SUBMITTAL NO.)

WE ARE TRANSMITTING HEREWITH FOR YOUR

( ) APPROVAL ( ) FILE (XX) ACTION ( ) SELECTION ( ) REFERENCE

ITEM	COPIES	DESCRIPTION
1.	1	Telecopy Sketch of Detail 4K/S533 showing new Beam Seat and Expansion Joint.

REMARKS OR SPECIAL NOTES

SENT BY -
FIRST CLASS MAIL ( )
EXPRESS MAIL ( )
SPECIAL DELIVERY ( )
UNITED PARCEL SERVICE ( )
FEDERAL EXPRESS ( )
AIRLINE SERVICE ( )
GREYHOUND BUS ( )
UNDER SEPARATE COVER ( )
PICKED UP (XX)
HAND CARRIED ( )
JWK:APR:gjc

r/kr

VERY TRULY YOURS,

SIERRA CONSTRUCTION CORP.

Gus Rapone
Project Manager

cc- Bill [redacted]witz*
Project Coordinator

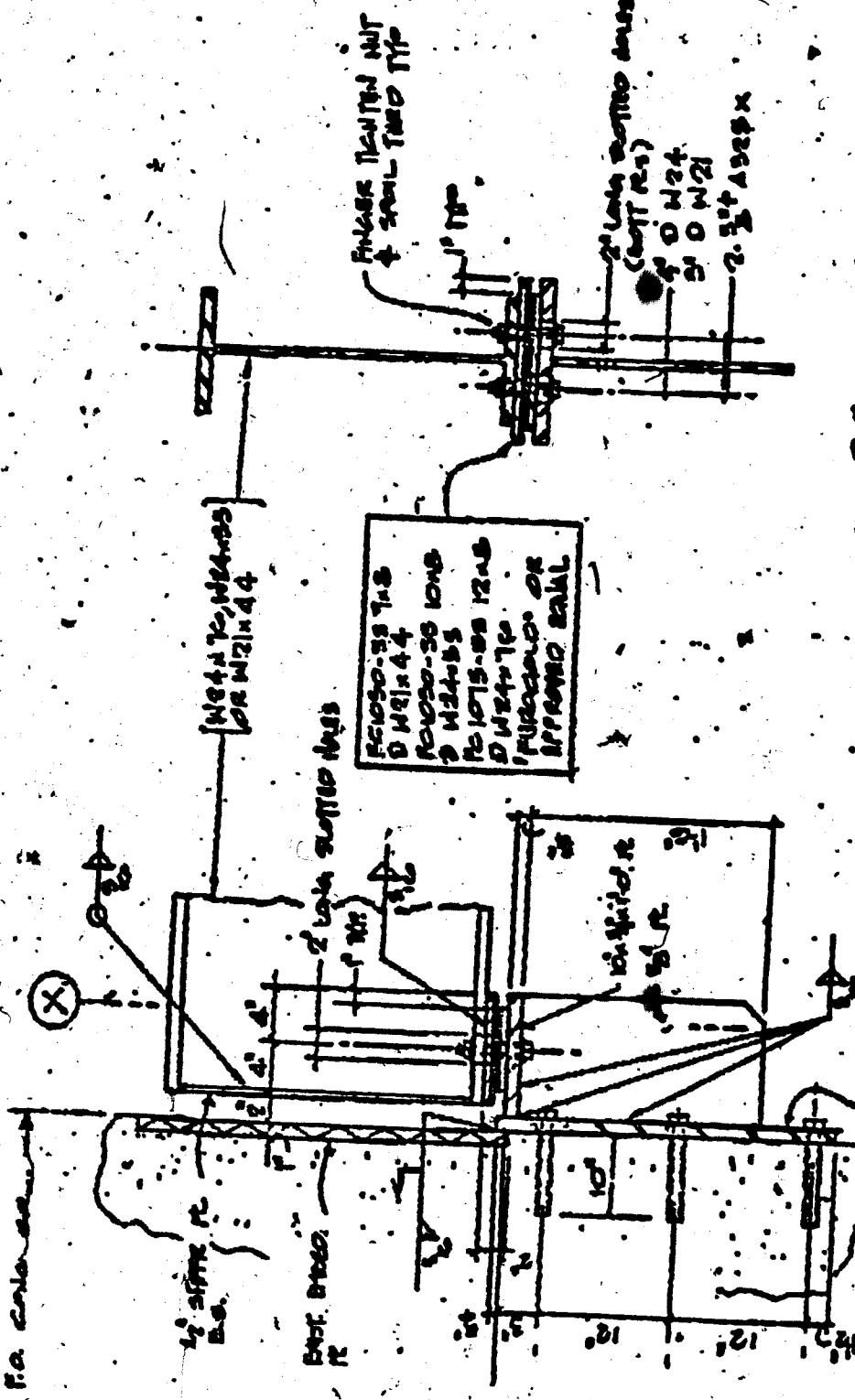
* W/Copy

Dona Hardy 1-6-88

BULLETIN DRAWING

JOEL D. BERGMAN, AIA
P.O. BOX 280, PLEASANTVILLE, N.J. 08232
P.O. BOX 810, LAS VEGAS, NEVADA 89125
ARCHITECT
(609) 646-0177
(702) 385-7111

SIERRA CONSTR
ATTN: A.P. RAPO



NOTE: ADVANCE ISSUE DO FORMAL BULLETIN TO FOLLOW

HIGHRISE
60031

TITLE
REVISED EXP. DETAIL 3RD FLR LOW RF AREA "A"

DRAWING #

Dona Hasley 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV. 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 08-26-86
Reviewed By J. Riedel

P.O. No	NA	Qty. Received	NA	Film Used	
Cust. Shipper	NA	Pen. Accepted	NA	5 x 7	NA
Part No	NA	Pen. Rejected	NA	5 x 12	NA
Heat No	NA	Mag. Accepted	NA	7 x 17	NA
Material	A-36	Mag. Rejected	NA	8 x 10	NA
Spec	AWS D1.1-86	Qty. X-Rayed	NA	10 x 12	NA
		Qty. Accepted	NA	11 x 18	NA
		Qty. Rejected	NA	14 x 17	NA
				No. Views	NA

Total Accepted All
Total Rejected None
% Rejected 0

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection was performed by Jim Lovett on 08-25-86 at the Golden Nugget Tower on beam seat expansion joints located at J9, L9, M9, N9. All welds are acceptable, inaccordance with revised sketch of detail 4K/S533, on advance issue. Formal bulletin should follow: Shims are not in place - to be put in later. Title of sketch is revised expansion detail 3rd floor low roof area "A".	0	0
Inspection of nelson studs between grid line 9 to 13, column line J to P, 3rd level. All studs acceptable.		
Inspection of button punching of decking between grid line 9 to 13, column line J to P, 3rd level found punching acceptable.		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

(1) Client (1) Sierra Construction (1) Martin & Assoc.
(1) Atlandia Design-Joel Bergman A.I.A. (1) City of Las Vegas, Jobsite

GB

Dona Hasley 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

FIELD REPORT

HIGH STRENGTH BOLT OBSERVATION

Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. Date 08-26-86
Reviewed By Martin Nash
Date Examined 08-22-86

Project Golden Nugget Tower
Erector Steel Inc. Technician Jim Lovett
Bolt Type: ASTM A325 Type One Diameter, in. 1" Minimum Tension, lbs. 51,500
Washer: ASTM A325 Type Flat & Hard Torque Wrench No. WTI 451

Column Line/Level	Connection	Accept	Reject	Loose Bolts	Missing Bolts	Elongated Holes	Torch Cut Holes	Inaccessible	Remarks
Grid Line 9/03	J to P	X							2 bolts or at least 10%
Grid Line 13/03	J to P	X							were torque checked to
Column Line P/03	Grid Line 9 to 13	X							790 Ft. lbs, in all bolted
									connections.

Copies to: Client (1)
Atlandia Design, Attn: Joel Bergman A.I.A. (1)
Sierra Construction (1)
Martin & Assoc. (1).
City of Las Vegas (1) Jobsite

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client
Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV, 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 09-11-86
Reviewed By JRL

P.O. No.	NA	Qty Received	NA	Film Used	
Cust. Shipper	NA	Pen. Accepted	NA	5 x 7	NA
Part No.	NA	Pen Rejected	NA	5 x 12	NA
Heat No.	NA	Mag Accepted	NA	7 x 17	NA
Material	A36	Mag Rejected	NA	8 x 10	NA
Spec.	AWS D1.1	Qty X-Rayed	NA	10 x 12	NA
		Qty Accepted	NA	11 x 14	NA
		Qty Rejected	NA	14 x 17	NA
				No Views	NA

Total Accepted All
Total Rejected None
% Rejected 0%

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection of fillet welds attaching beams to beam pockets at and between column lines G.4 and J.1 Grid line 30 on floors 10 thru 19 of the Golden Nugget Tower stair landings Northside inspection performed by Jim Lovett on various days ending on September 3, 1986. All welds found acceptable to AWS D1.1.		
Bolted connections containing 1" A325 bolts were torqued tested to 790 Ft. lbs. All connections found acceptable on the stair landings.		
A visual and mechanical weld inspection was performed on full and partial penatration welds of column to column at grid line 30.4 column line J.1 and G.4 floors 15, 18 and 19. All welds found acceptable.		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Copies: Client (1)
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1)
Sierra Construction (1)
Martin & Associates (1)
City of Las Vegas (1) Jobsite

Dona Shelby 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont St
Las Vegas, Nevada 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report October 21, 1986
Reviewed By Jim Lovett

P.O. No.	N/A	Qty. Received	N/A	Film Used.	
Cast Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No.	N/A	Pen. Rejected	N/A	5 x 12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	A-36	Mag. Rejected	N/A	8 x 10	N/A
Spec.	AWS D1.1-86	Qty. X-Rayed	N/A	10 x 12	N/A
		Qty. Accepted	N/A	11 x 14	N/A
		Qty. Rejected	N/A	14 x 17	N/A
				No. Views	N/A

Inspection completed on:- 9-15-86

Total Accepted All
Total Rejected None
% Rejected 0

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection was performed by Jim Lovett at the Golden Nugget Tower, north stair landings, floors 20, 21, 22 roof on beam to beam pocket anchor plates. All welds were found acceptable. 10% or 2 bolts per connection were torque checked to 790 ft. lbs. on stair landings, north on floors 20,21, 22 roof and found acceptable. Serial number of torque wrench is WTI 456. Inspection completed on September 15, 1986.	0	0

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Sierra Construction (1)
Martin, Peltyn & Assoc. (1)

Joel Bergman, A.I.A. (1)
City of Las Vegas (1) Jobsite

tp

Dona Hasely 1-6-87

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 09-11-86
Reviewed By JRL

P.O. No.	NA	Qty. Received	Film Used
Cust. Shipper	NA	Pen. Accepted	5 x 7
Part No.	NA	Pen. Rejected	5 x 12
Heat No.	NA	Mag. Accepted	7 x 17
Material	#11 Rebar	Mag. Rejected	8 x 10
Spec.	AWS D1.4	Qty. X-Rayed	10 x 12
		Qty. Accepted	11 x 14
		Qty. Rejected	14 x 17
			No. Views

Total Accepted 2
Total Rejected 0
% Rejected 0

Summary	Quantity Rejected	Percent of Total
A visual inspection was performed by Jim Lovett on 2 full penatration welds of #11 Rebar (1) Located between grid line 13 and 14 column line C and D. (1) Located between grid lines 19 and 20 column lines.G and H. Both rebars located on 21st floor of the Golden Nugget Tower. Welds found acceptable to AWS D1.4. Inspection completed on 09-03-86.		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Copies: Client (1)
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1)
Sierra Construction (1)
Martin & Associates (1)
City of Las Vegas (1) Jobsite

Dona Hanely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, Nevada 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 9-15-86
Reviewed By Jim Lovett

Date of Examination: 09-11-86

Total Accepted All
Total Rejected None
% Rejected 0

P.O. No	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No.	N/A	Pen. Rejected	N/A	5 x 12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	A36	Mag. Rejected	N/A	8 x 10	N/A
Spec.	AWS D1.1	Qty. X-Rayed	N/A	10 x 12	N/A
	AWS D1.3	Qty. Accepted	N/A	11 x 14	N/A
		Qty. Rejected	N/A	14 x 17	N/A
				No. Views	N/A

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection of full penetration welds of beam to column splices was performed by Jim Lovett at the Golden Nugget Tower low roof area, 2nd and 3rd floor grid line 12.7, Columns T,U,V,W,X,Y,Z. All welds were found acceptable. Continuous visual inspection performed during welding.	0	0
Welding and button punching of decking on 2nd and 3rd level between grid lines 9 to 12.7, column line P to W were found acceptable.		
A visual and mechanical inspection was performed on Nelson studs located in the above mentioned area. All studs were found acceptable to AWS D1.1, Section 7.	0	
Bolt torque inspection of 1" A325 bolts at grid line 9 and 12.7, column lines P to W was found acceptable to code and WTI bolt torque procedure.		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Martin, Peltyn, & Assoc. (1)
Joel Bergman, A.I.A. (1)

Sierra Construction (1)
City of Las Vegas (1) jobsite

tp

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client: Atlandia Design & Furnishing
129 E. Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 09-19-86
Reviewed By JL

Total Accepted All
Total Rejected None
% Rejected 0

P.O. No.	NA	Qty. Received	NA	Film Used	
Cust. Shipper	NA	Pen. Accepted	NA	5 x 7	NA
Part No.	NA	Pen. Rejected	NA	5 x 12	NA
Heat No.	NA	Mag. Accepted	NA	7 x 17	NA
Material	A-36	Mag. Rejected	NA	8 x 10	NA
Spec.	AWS D1.1-86	Qty. X-Rayed	NA	10 x 12	NA
		Qty. Accepted	NA	11 x 14	NA
		Qty. Rejected	NA	14 x 17	NA
				No. Views	NA

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection of the weld joints on the structural steel of the Golden Nugget Penthouse located on the 21st floor was performed by Jim Lovett on 09-17-86. All welds found acceptable to AWS D1.1-86 and plans.		
At least ten (10%) of two (2) bolts per connection were torque checked and found acceptable on the penthouse. Bolts were 1" A325, torqued to 790 Ft. lbs.		
Above inspections completed on 09-17-86.		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation

Copies: Client (1)
Martin & Associates (1),
Sierra Construction (1)
Atlandia Design, Attn: Joel Bergman A.I.A. (1)
City of Las Vegas (1) Jobsite

Dona Hanely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client: Atlandia Design & Furnishing
129 E. Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41450182
Lab./Invoice No.
Date of Report 09-19-86
Reviewed By JL

P.O. No.	A-36	Qty. Received	NA	Film Used	
Cust. Shipper	A-36	Pen Accepted	NA	5 x 7	NA
Part No.	A-36	Pen Rejected	NA	5 x 12	NA
Heat No.	A-36	Mag. Accepted	NA	7 x 17	NA
Material	A-36	Mag. Rejected	NA	8 x 10	NA
Spec.	AWS D1.1-86	Qty. X-Rayed	NA	10 x 12	NA
		Qty. Accepted	NA	11 x 14	NA
		Qty. Rejected	NA	14 x 17	NA
				No. Views	NA

Total Accepted All
Total Rejected None
% Rejected 0

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection was performed on bridge beam detail 4E-S534 anchor plates. Floor 3 thru 21 of the Goldnn Nugget Tower. Inspection performed by Jim Lovett per letter by David Peterson (Engineer) dated 09-16-86 and AWS D1.1-86. All welds found acceptable.	0	0
Inspection completed on 09-18-86.		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation

Copies : Client (1)
Martin & Associates (1)
Atlandia Design, Attn: Mr. Joel Bergman A.I.A.
Sierra Construction (1)
City of Las Vegas (1) Jobsite

Dona Hanely 11-6-86

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, Nevada 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 10-13-86
Reviewed By Jim Lovett

P.O. No	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pcs. Accepted	N/A	5 x 7	N/A
Part No	N/A	Pcs. Rejected	N/A	5 x 12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	A-36	Mag. Rejected	N/A	8 x 10	N/A
Spec.	AWS D1.1	Qty. X-Rayed	N/A	10 x 12	N/A
		Qty. Accepted	N/A	11 x 14	N/A
		Qty. Rejected	N/A	14 x 17	N/A
				No. Views	N/A

Date of Examination: 10-6-86

Total Accepted All
Total Rejected None
% Rejected 0

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection of bridge beam detail 4E-S534 on 22nd floor of the Golden Nugget Tower was performed by Jim Lovett on 10-6-86 and welds were found to be acceptable to AWS D1.1-86 and field visit report dated 9-16-86 by David Peterson, Structural Engineer.	0	0

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman, A.I.A. (1)
Martin, Peltyn & Assoc. (1)

Sierra Construcction (1)
City of Las Vegas (1) Jobsite

tp

Dona Hasely 1-6-88

FIELD VISIT REPORT

Joel D. Bergman, AIA Architect
P.O. Box 280, Pleasantville, N.J. 08232 (609) 646-0177

Date: 9-16-86

Project: GNLV TOWER IV

Present: ERIC JASIUKAITOS
DAVID PETERSON
JIM LOVETTE
OF WESTERN TECH.

Distribution: SIERRA CONSTRUCTION
ATLANDIA EAST
ATLANDIA WEST
WESTERN TECH
CITY OF LAS VEGAS
SPECIAL INSP.

The following items require the indicated remedial action:

THIS REPORT IS IN REGARDS TO THE TYPICAL BRIDGE BEAM DETAIL (4E-S534). THE WELD CONNECTION OF THE 3/4" END PLATE TO THE 1/2" SIDE PLATES IS INDICATED AS A SINGLE-V-GROOVE WELD. THIS WELD IS A PARTIAL PENETRATION WELD, IT IS NOT A FULL PENETRATION WELD.

THE FOLLOWING DATA APPLIES:

GROOVE ANGLE $\alpha = 60°$
ROOT OPENING $R = 0$
ROOT FACE $f = \frac{1}{8}"$

RECEIVED
SEP 17 1987
ADF-WEST

Prepared by: DAVID S. PETERSON Discipline: STRUCTURAL

Done Daily 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, Nevada 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 10-13-86
Reviewed By Jim Lovett

Final Inspection Completed on : 10-10-86

Total Accepted All
Total Rejected None
% Rejected 0

P.O. No	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5 × 7	N/A
Part No	N/A	Pen. Rejected	N/A	5 × 12	N/A
Heat No	N/A	Mag. Accepted	N/A	7 × 17	N/A
Material	A-36	Mag. Rejected	N/A	8 × 10	N/A
Spec.	AWS D1.1	Qty. X-Rayed	N/A	10 × 12	N/A
		Qty. Accepted	N/A	11 × 14	N/A
		Qty. Rejected	N/A	14 × 17	N/A
				No. Views	N/A

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection was performed by Jim Lovett at the Golden Nugget Tower bridge crosswalks. Welds inspected on floors 3 through 7 at beam pocket welded connections, detail S 534, 1H and change by memo of Engineer Dave Peterson, dated 10-8-86. All welds were found acceptable to AWS D1.1-86.	0	0
A visual inspection of button punching and welding of decking on bridge crosswalks, floors 3 through 7 was found acceptable.		
At least 10% or 2 bolts per connection on floors 3 through 7 of bridge crosswalks were torque checked and found to have the 790 ft. lbs. of torque required. Serial number of torque wrench is WTI 456. All 1", A-325 High strength bolted connections were found acceptable.		
Final inspection was completed on 10-10-86.		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman, A.I.A. (1)
Martin, Peltyn, & Assoc. (1)
Sierra Construction (1)
City of Las Vegas (1) Jobsite

Dona Hasely 1-6-88

MARTIN & PELTYN

MARTIN, PELTYN & ASSOCIATES
STRUCTURAL ENGINEERS
1001 RANCHO DRIVE SOUTH LAS VEGAS, NEVADA 89106 PHONE (702) 385-5300

MEMORANDUM

TO: JIM LOVETT FROM: DAVID S. PETERSON

SUBJECT: UNLV TOWERS DATE: 10-8-86

COPIES TO: FILE 1605

THE ALTERNATE WELDING FOR DETAIL 1.H-S534 IS ACCEPTABLE. THE WELDING IN THE PERPENDICULAR DIRECTION TO THE ORIGINAL DIRECTION CALLED FOR IN THE PLANS ACCOMPLISHES THE SAME PURPOSE OF THE ORIGINAL WELD.

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada. 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, Nevada 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report October 28, 1986
Reviewed By Jim Lovett

Date of Inspection: 10-14-86

Total Accepted All
Total Rejected None
% Rejected 0

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5×7	N/A
Part No.	N/A	Pen. Rejected	N/A	5×12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7×17	N/A
Material	A-36	Mag. Rejected	N/A	8×10	N/A
Spec.	AWS D1.1	Qty. X-Rayed	N/A	10×12	N/A
	AWS D1.3	Qty. Accepted	N/A	11×14	N/A
		Qty. Rejected	N/A	14×17	N/A
				No. Views	N/A

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection was performed by Jim Lovett at the Golden Nugget Tower Bridge Crosswalks. Welds connecting beam to base plates and base plate to anchor plates in beam pockets, detail 1H-S534, on floors 8 through 11, were found acceptable to letter from Engineer Dave Peterson and AWS D1.1-86.	0	0
Button punching and welding of decking for floors 8 through 11 were found acceptable to AWS D1.3.		
At least 10% or 2 bolts per connection on 1 inch, A325 bolted connections were found to have required 790 ft. lbs. Serial number of torque wrench is WTI 456. Floors inspected and accepted were 8 through 11 of bridge crosswalks.		
Inspection completed on 10-14-86.		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman, A.I.A. (1)
Martin, Peltyn, & Assoc. (1)

Sierra Construction (1)
City of Las Vegas (1)

tp

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 East Fremont St.
Las Vegas, Nevada 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182

Lab./Invoice No.

Date of Report October 21, 1986

Reviewed By Jim Lovett

P O No	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5 x 7	N/A
Part No	N/A	Pen. Rejected	N/A	5 x 12	N/A
Heat No	N/A	Mag. Accepted	N/A	7 x 17	N/A
Material	A-36	Mag. Rejected	N/A	8 x 10	N/A
Spec	AWS D1.1 AWS D1.3	Qty. X-Rayed	N/A	10 x 12	N/A
		Qty. Accepted	N/A	11 x 14	N/A
		Qty. Rejected	N/A	14 x 17	N/A
				No. Views	N/A

Total Accepted All

Total Rejected None

% Rejected 0

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection was performed by Jim Lovett at the Golden Nugget Tower Bridge Crosswalks. Welds connecting beam to base plates and base plate to anchor plates in beam pockets, detail 1H-S534, on floors 12 through 17, were found acceptable to letter from Engineer Dave Peterson and AWS D1.1-86. Button punching and welding of decking for floors 12 through 17 were found acceptable to AWS D1.3. At least 10% or 2 bolts per connection on 1 inch, A325 bolted connections were found to have required 790 ft. lbs. Serial number of torque wrench is WTI 456. Floors inspected and accepted were 12 through 17 of bridge crosswalks. Inspection completed on 10-17-86.	0	0

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman (1)
Martin Peltyn & Assoc. (1)

Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Done Verbally 1-6-88

FIELD VISIT REPORT

Joel D. Bergman, AIA Architect
P.O. Box 280, Pleasantville, N.J. 08232 (609) 646-0177

Date: 10-8-86

Project: TOWER IV 86031 ADF

Present: JIM LOVETT
DAVE PETERSON

Distribution: SIERRA CONSTRUCTION
ATLANDIA EAST
ATLANDIA WEST
WESTERN TECH
CITY OF L.V.
- INSPECTOR

The following items require the indicated remedial action:

THIS F.V.R. DEALS WITH DETAIL 1H-S534. DUE TO FIELD CONDITIONS, THE 1/8" FILLET WELD BETWEEN THE 3/4" BASE PLATE AND THE BOTTOM FC1075-SS.R CANNOT BE MADE FOR THE FULL LENGTH OF THE PLATES. IT IS ACCEPTABLE TO MAKE THE WELDS IN THE TRANSVERSE DIRECTION RATHER THAN THE LONGITUDINAL DIRECTION AS CALLED FOR IN THE PLANS. THIS WELDING WILL ACCOMPLISH THE SAME PURPOSE OF THE ORIGINAL WELD.



Prepared by: DAVID S PETERSON Discipline: STRUCTURAL

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, Nevada 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 10/31/86
Reviewed By Jim Lovett

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5×7	N/A
Part No.	N/A	Pen. Rejected	N/A	5×12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7×17	N/A
Material	A-36	Mag. Rejected	N/A	8×10	N/A
Spec.	AWS D1.1	Qty. X-Rayed	N/A	10×12	N/A
	AWS D1.3	Qty. Accepted	N/A	11×14	N/A
		Qty. Rejected	N/A	14×17	N/A
				No. Views	N/A

Date of Completion: 10/30/86
Total Accepted All
Total Rejected None
% Rejected 0

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection was performed by Jim Lovett at the Golden Nugget Tower Bridge Crosswalks. Welds connecting beam to base plates and base plate to anchor plates in beam pockets, detail 1H-S534, on floors 18 through 22, were found acceptable to letter from Engineer Dave Peterson and AWS D1.1-86. Button punching and welding of decking for floors 18 through 22 were found acceptable to AWS D1.3. At least 10% or 2 bolts per connection on 1 inch, A325 bolted connnections were found to have required 79 ft. lbs. Serial number of torque wrench is WTI 456. Floors inspected and accepted were 18 through 22 of bridge crosswalks. Inspection completed on 10/30/86	0	0

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Client (1)
Joel Bergman (1)
Martin, Peltyn & Assoc. (1)
Sierra Construction (1)
City of Las Vegas Jobsite (1)

Dina Hawley 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

NONDESTRUCTIVE TESTING SUMMARY

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 11/5/86
Reviewed By Jim Lovett

P.O. No.	N/A	Qty. Received	N/A	Film Used	
Cust. Shipper	N/A	Pen. Accepted	N/A	5×7	N/A
Part No.	N/A	Pen. Rejected	N/A	5×12	N/A
Heat No.	N/A	Mag. Accepted	N/A	7×17	N/A
Material	A-36	Mag. Rejected	N/A	8×10	N/A
Spec.	AWS D1.1-86	Qty. X-Rayed	N/A	10×12	N/A
	AWS D1.3	Qty. Accepted	N/A	11×14	N/A
		Qty. Rejected	N/A	14×17	N/A
				No. Views	N/A

Total Accepted All
Total Rejected None
% Rejected 0

Summary	Quantity Rejected	Percent of Total
A visual and mechanical weld inspection was performed by Jim Lovett at the Golden Nugget Tower 2nd and 3rd floor low roof area E Fill in. Located at Grid Line 12.7 columns P, R, S. Sixteen (16) Full penetration welds connecting columns to beams at Grid Line 12.7 found visually acceptable to plans and AWS D1.1.	0	0
Bolt torque of (1-inch A325 bolts) bolted connections on 2nd and 3rd floor low roof area E at Grid Line 12.7, column lines P, R, S, T were found to have required 790 ft/lbs of torque. Serial number of torque wrench is WTI 456.		
Welding of decking and nelson studs on the 2nd and 3rd floor low roof area E fill in between Grid Lines 11.2 and 12.7 column lines P, R, S found acceptable. Button punching of decking seams found acceptable		
Date of Inspection completion: 11/5/86		

NOTE
All interpretations made by certified personnel, however, we assume no responsibility for losses incurred due to errors of interpretation.

Don Hoesly 1-6-88

SIERRA CONSTRUCTION CORP.

5255 SOUTH VALLEY VIEW BLVD. (89118)
AREA CODE 702-739-1991
LAS VEGAS, NEVADA
POST OFFICE BOX 14306 (89114)

PROJECT - GNLV - New Tower !

FILE 250.375/A19/M-10

TO Stocks Ready Mix & Supply Co.
3336 Cinder Lane
Las Vegas, Nevada 89103

DATE May 7, 1986

A

SUBMITTAL NO.
(IN REPLY PLEASE REFER TO SUBMITTAL NO.)

WE ARE TRANSMITTING HEREWITH FOR YOUR

( ) APPROVAL (XX) FILE ( ) ACTION ( ) SELECTION ( ) REFERENCE

ITEM	COPIES	DESCRIPTION
1.	1.	Your Mix Design S-109, 3/8" Aggregate, 4000 psi for Elevator Shafts above 3rd Floor, APPROVED as Noted.

REMARKS OR SPECIAL NOTES

SENT BY -
FIRST CLASS MAIL (XX)
EXPRESS MAIL ( )
SPECIAL DELIVERY ( )
UNITED PARCEL SERVICE ( )
FEDERAL EXPRESS ( )
AIRLINE SERVICE ( )
GREYHOUND BUS ( )
UNDER SEPARATE COVER ( )
PICKED UP ( )
HAND CARRIED ( )

JWK:gjc

r/kr

VERY TRULY YOURS,

SIERRA CONSTRUCTION CORP.

Jerry Koerwitz

CC: Bill Koerwitz*
Marty Sibella, SCC-PO*
City Inspector*

Dona Hanley 1-6-88

ETEC TESTING LABORATORIES, INC.
3365 Worin Rd. Suite H Las Vegas, NV 89102

RECEIVED

MAR 23 1986

September 24, 1985

SIERRA CONSTRUCTION CORP.
GENERAL CONTRACTOR

ETEC Job No. 530931
CTL Exam No. CR5-947

REPORT OF CONCRETE MIX DESIGN

-ELEVATOR SHAFTS ABOVE THIRD FLOOR

PROJECT: GOLDEN NUGGET NEW TOWER

Architect: JOEL BERGMAN
Engineer: JOHN A MARTIN & ASSOC.
Contractor: SIERRA CONSTRUCTION CORP
Sub-Contractor:
Inspector:
Plant: Stocks Mill & Supply, Las Vegas, NV
Sand: Stocks Mill, Buffalo Road, Las Vegas, NV
Rock: Stocks Mill, Buffalo Road, Las Vegas, NV

		Agg. Size	Specific Gravity	Proportions %
Concrete Mix Design No.	S-109			
Job Specification P.S.I. 28 day	4,000 (3,000 @ 7 days) (place/pump)			
Maximum size aggregate	3/8"	1½"		
Yield: cement, sks. per cu. yd.	7.5	3/4"		
Water: gal. per sk. cement, design	5.6	⅜"	2.70	45
Water: gal. per sk. cement allowable	5.6	WCS	2.67	55
Slump: inches	6"			

SATURATED SURFACE DRY WEIGHTS

Batch Quantities in pounds for	1 cu. yd.	Absolute Volume Cu. Ft.	Combined Aggregate Grading Sieve Size	% Passing
No. 4 Aggregate (1½")			2	
No. 67 Aggregate (3/4")			1½	
No. 8 Aggregate (⅜")	1350	8.012	1	
Washed Concrete Sand	1630	9.792	¾	
Admixture MB 322N 5/100	35.3	1.0z.	⅜	100
			No. 4	69
Cement Southwestern Type II or V	705	3.587	No. 8	51
Recommended water: Gallons	42	5.609	No. 16	37
Allowable water: Gallons	42	27.000 TOTAL	No. 30	28
			No. 50	18
LABORATORY TEST BATCH		W/C = .496	No. 100	5
Gallons water per sack cement	5.6			
Slump: inches	6"			
Compressive strength: P.S.I.				
7 day cylinders Avg. of 3:	3580			
28 day cylinders Avg. of 3:	4900			

GOLDEN NUGGET LAS VEGAS
This submittal has been reviewed for compliance with the design intent of the contract documents per Article 4.12, "Shop Drawings" of the General Conditions and does not imply approval of any State and Civil Authority requirements.
☒ RESUBMISSION NOT REQUIRED
☐ NOT APPROVED — RESUBMIT
DATE 8/6/86

NO CALCIUM CHLORIDE ALLOWED!

Above work performed under direct supervision of Civil Engineers licensed by the State of Nevada.
Aggregate Tests attached.

Distribution: California Testing Labs (Client)

250.375/A20S/M10
CSI NO. 3.13

Revieved by CTL
R.F. Gutierrez, V.P.

By: V. Kulwant S. Sahi

KULWANT S. SAHI
No. 5548
REGISTERED PROFESSIONAL ENGINEER-STATE OF NEVADA
CIVIL

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-25-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer Martin, Peltyn & Associates
Source of Sample Elevator Core Walls, 8th To 9th Floor
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 0584
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 78
Mix Identification S-109
Ambient Air Temperature, °F 72
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer hrs. min.
Sampled By K. Singh Date 04-25-86
Water Added on Job, gal.
Submitted By Date
Test Procedure ASTM C39- 84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
178A	05-02-86	7	112500	3980			MD
178B	05-23-86	28	157000	5550			RO
178C		Hold		Discard			RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Haisley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 E[illegible] Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-25-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer Martin, Peltyn & Associates
Source of Sample Elevator Core Walls, 8th To 9th Floor
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 0584
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 78
Mix Identification S-109
Ambient Air Temperature, °F 72
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer hrs. min.
Sampled By K. Singh Date 04-28-86
Water Added on Job, gal.
Submitted By Date
Test Procedure ASTM C39- 84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
178A	05-02-86	7	112500	3980			MD
178B	05-23-86	28					
178C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hoesly — 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-25-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: Martin, Peltyn & Associates
Source of Sample: 8th Floor Elevator Lobby, Lines 20 To 19, From C To D
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 0603
Batch Size, cu.yds.: 7
Mix Identification: S-109
Design Strength, psi: 4000 / 28 days
Max. Size Aggregate, in.: 3/8
Time in Mixer: 0 hrs. 45 min.
Water Added on Job, gal.: 5
Test Procedure: ASTM C39-84B
Remarks

Measured Slump, in.: 6
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 72
Ambient Air Temperature: 67
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh — Date: 04-25-86
Submitted By: — Date:
Authorized By: — Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
175A	05-02-86	7	147500	5220			MD
175B	05-23-86	28		Discard			MD
175C	05-23-86	Hold		Discard			MD

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hawley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-28-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer Martin Peltyn & Associates
Source of Sample Elevator Core Wall, 8th To 9th Floors
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6 1/2
Ticket Number 0578
Measured Air Content, % Not Measured
Batch Size, cu.yds. 9
Concrete Temperature, °F 73
Mix Identification S109
Ambient Air Temperature, °F 67
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer hrs. min.
Sampled By K. Singh Date 04-28-86
Water Added on Job, gal.
Submitted By Date
Test Procedure ASTM C39-84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
177A	05-02-86	7	126500	4470			MD
177B	05-23-86	28		Discard			MD
177C		Hold		Discard			MD

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Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-29-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Lobby, 8th Floor
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 0785
Measured Air Content, % Not Measured
Batch Size, cu.yds. 7
Concrete Temperature, °F 78
Mix Identification S109
Ambient Air Temperature, °F 74
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer hrs. min.
Sampled By J. Glagola Date 04-29-86
Water Added on Job, gal.
Submitted By J. Glagola Date 04-30-86
Test Procedure ASTM C39-84B
Authorized By Marty Date 04-29-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
185A	05-06-86	7	144000	5090			RO
185B	05-27-86	28		Discard			RO
185C		Hold		Discard			RO

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-30-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: Martin, Peltyn & Associates
Source of Sample: Elevator Lobby, Center Core, 7th Floor
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 3
Ticket Number: 0815
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 7
Concrete Temperature, °F: 72
Mix Identification: S 109
Ambient Air Temperature, °F: 68
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mix: 0 hrs. 45 min.
Sampled By: K. Singh Date: 04-30-86
Water Added on Job, gal.: 14
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
186A	05-07-86	7	157000	5550			RO
186B	05-28-86	28		Discard			RO
186C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-30-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: Martin, Peltyn & Associates
Source of Sample: Elevator Core Walls, 9th To 10th Floors
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 0859
Batch Size, cu.yds.: 9
Mix Identification: S109
Design Strength, psi: 4000 / 28 days
Max. Size Aggregate, in.: 3/8
Time in Mixer: 0 hrs. 55 min.
Water Added on Job, gal.:
Test Procedure: ASTM C39-84B
Remarks:

Measured Slump, in.: 8
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 84
Ambient Air Temperature, °F: 78
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh Date: 04-30-86
Submitted By: Date:
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	Psi			
188A	05-07-86	7	100000	3540			RO
188B	05-28-86	28	133500	4720			MD
188C		Hold	Discard				

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41450182
Lab./Invoice No.
Date of Report 04-30-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: Martin, Peltyn & Associates
Source of Sample: Elevator Core Walls, 9th To 10th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 0852
Measured Air Content, %: Not Measured
Batch Size, cu. yds.:
Concrete Temperature, °F: 80
Mix Identification: S109
Ambient Air Temperature, °F: 75
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8"
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs 45 min.
Sampled By: K. Singh
Date: 04-30-86
Water Added on Job, gal.: 15
Submitted By:
Date:
Test Procedure: ASTM C39-84B
Authorized By:
Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
187A	05-07-86	7	114000	4030			RO
187B	05-28-86	28		Discard			RO
187C		Hold		Discard			RO

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WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-30-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: Martin, Peltyn & Associates
Source of Sample: Elevator Core Walls, 9th To 10th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in. 8
Ticket Number 0859
Measured Air Content, % Not Measured
Batch Size, cu. yds. 9
Concrete Temperature, °F 84
Mix Identification S109
Ambient Air Temperature, °F 78
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 55 min.
Sampled By K. Singh Date 04-30-86
Water Added on Job, gal.
Submitted By Date
Test Procedure ASTM C39-84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
188A	05-07-86	7	100000	3540			RO
188B	05-28-86	28					
188C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Strect
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41453182
Lab./Invoice No.
Date of Report 05-05-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample Elevator Walls, 10th To 11th Floors
Concrete Supplier Stocks Mill & Supply Measured Slump, in. 5 1/2
Ticket Number 1124 Measured Air Content, % Not Measured
Batch Size, cu.yds. 11 Concrete Temperature, °F 78
Mix Identification S109 Ambient Air Temperature, °F 78
Design Strength, psi 4000 / 28 days Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8 No. of Cylinders Molded 3
Time in Mixer 0 hrs. 52 min. Sampled By J. Glagola Date 05-05-86
Water Added on Job, gal. 0 Submitted By J. Glagola Date 05-06-86
Test Procedure ASTM C39-84B Authorized By Martin Date 05-05-86
Remarks.

Note Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
196A	05-12-86	7	91000	3220			RO
196B	06-02-86	28	132000	4670			RO
196C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-05-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Walls, 10th To 12th Floors
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 1124
Batch Size, cu.yds.: 11
Mix Identification: S109
Design Strength, psi: 4000 / 28 days
Max. Size Aggregate, in.: 3/8
Time in Mixer: 0 hrs. 52 min.
Water Added on Job, gal.: 0
Test Procedure: ASTM C39-84B
Remarks

Measured Slump, in.: 5 1/2
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 78
Ambient Air Temperature, °F: 78
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: J. Glagola Date: 05-05-86
Submitted By: J. Glagola Date: 05-06-86
Authorized By: Marty Date: 05-05-86

* Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen, Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
196A	05-12-86	7	91000	3220			RO
196B	06-02-86	28					
196C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Strect
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-05-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Walls, 10th To 11th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 1098
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 9
Concrete Temperature, °F: 78
Mix Identification: S109
Ambient Air Temperature, °F: 76
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 47 min.
Sampled By: J. Glagola Date: 05-05-86
Water Added on Job, gal.: 9
Submitted By: J. Glagola Date: 05-06-86
Test Procedure: ASTM C39-84B
Authorized By: Marty Date: 05-05-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
195A	05-12-86	7	103000	3640			RO
195B	06-02-86	28	146000	5160			RO
195C		Hold		Discard			RO

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-05-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Walls, 10th To 11th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 1098
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 9
Concrete Temperature, °F: 78
Mix Identification: S109
Ambient Air Temperature, °F: 76
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 47 min.
Sampled By: J. Glagola Date: 05-05-86
Water Added on Job, gal.: 9
Submitted By: J. Glagola Date: 05-06-86
Test Procedure: ASTM C39-84B
Authorized By: Marty Date: 05-05-86

Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
195A	05-12-86	7	103000	3640			RO
195B	06-02-86	28					
195C		Hold					

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Las Vegas, Nevada 89102
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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-07-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Lobby, 9th Floor, North Side
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in. 4 1/2
Ticket Number: 1292
Measured Air Content, %: Not Measured
Batch Size, cu.yds. 7
Concrete Temperature, °F 73
Mix Identification: S109
Ambient Air Temperature, °F 68
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer hrs. 40 min.
Sampled By K. Singh Date 05-07-86
Water Added on Job, gal. No
Submitted By Date
Test Procedure: ASTM C3984B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
199A	05-14-86	7	120000	4240			RO
199B	06-04-86	28		Discard			RO
199C		Hold		Discard			RO

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LABORATORY REPORT C

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab·/Invoice No.
Date of Report 05-08-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 10th To 11th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 1356
Measured Air Content, %: Not Measured
Batch Size, cu.yds: 11
Concrete Temperature, °F: 78
Mix Identification: S109
Ambient Air Temperature, °F: 72
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: K. Singh
Date: 05-08-86
Water Added on Job, gal.:
Submitted By:
Date:
Test Procedure: ASTM C39-84B
Authorized By:
Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens, Caps If Any	Tested By
			Pounds Force	psi			
202A	05-15-86	7	103000	3640			RO
202B	06-05-86	28	154000	5450			RO
202C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Strect
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No: 4145J182
Lab /Invoice No:
Date of Report: 05-08-86
Reviewed By: J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 10th To 11th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 1356
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 11
Concrete Temperature, °F: 78
Mix Identification: S109
Ambient Air Temperature, °F: 72
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: K. Singh
Date: 05-08-86
Water Added on Job, gal.:
Submitted By:
Date:
Test Procedure: ASTM C39-84B
Authorized By:
Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
202A	05-15-86	7	103000	3640			RO
202B	06-05-86	28					
202C		Hold					

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Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

900 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Strect
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-08-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Core Walls, 10th To 11th Floor
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6 1/2
Ticket Number 1350
Measured Air Content, % Not Measured
Batch Size, cu yds. 10
Concrete Temperature, °F 75
Mix Identification S-109
Ambient Air Temperature, °F 70
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 45 min
Sampled By K. Singh Date 05-08-86
Water Added on Job, gal.
Submitted By Date
Test Procedure ASTM C39- 84B
Authorized By Date
Remarks

Note Cylinders are 6 in x 12 in , area = 28 27 sq in unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
201A	05-15-86	7	112000	3960			RO
201B	06-05-86	28	162000	5730			RO
201C		Hold		Discard			RO

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Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab /Invoice No.
Date of Report 05-08-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 10th To 11th Floor.
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6 1/2
Ticket Number: 1350
Measured Air Content, %: Not Measured
Batch Size, cu yds: 10
Concrete Temperature, °F: 75
Mix Identification: S-109
Ambient Air Temperature, °F: 70
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 45 min.
Sampled By: K. Singh Date: 05-08-86
Water Added on Job, gal.
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
201A	05-15-86	7	112000	3960			RO
201B	06-05-86	28					
201C		Hold					

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Dona Hafely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No: 4145J182
Lab./Invoice No.:
Date of Report: 05-08-86
Reviewed By: J. Riddel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Lobby, 9th Floor, Center
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 9
Ticket Number: 1329
Measured Air Content, %: Not Measured
Batch Size, cu. yds.: 7
Concrete Temperature, °F: 68
Mix Identification: S-10?
Ambient Air Temperature, °F: 65
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs 50 min
Sampled By: K. Singh Date: 05-08-86
Water Added on Job: gal
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated.

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
200A	05-15-86	7	98000	3470			RO
200B	06-05-86	28	136000	4810			RO
200C		Hold		Discard			RO

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129 E. Fremont
SPEC REPORTS

Doug Hasely 1-6-88

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-08-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Lobby, 9th Floor, Center
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in. 9
Ticket Number: 1329
Measured Air Content, %: Not Measured
Batch Size, cu.yds. 7
Concrete Temperature, °F: 68
Mix Identification: S-109
Ambient Air Temperature, °F: 65
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: K. Singh Date: 05-08-86
Water Added on Job, gal.:
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
200A	05-15-86	7	98000	3470			RO
200B	06-05-86	28					
200C		Hold					

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-09-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 9th Floor, Elevator Lobby, South Side
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 1441.
Batch Size, cu.yds.: 7 1/2
Mix Identification: S-109
Design Strength, psi: 4000 / 28 days
Max. Size Aggregate, in.: 3/8
Time in Mixer: 1 hrs. 0 min.
Water Added on Job, gal.: 10
Test Procedure: ASTM C39-84B
Remarks:

Measured Slump, in.: 7
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 82
Ambient Air Temperature, °F: 75
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh Date: 05-09-86
Submitted By: Date:
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
205A	05-16-86	7	109000	3860			RO
205B	06-06-86	28	152000	5380			RO
205C		Hold		Discard			RO

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Dora Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7489

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-09-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 9th Floor, Elevator Lobby, South Side
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 1441
Batch Size, cu.yds.: 7 1/2
Mix Identification: S-109
Design Strength, psi: 4000 / 28 days
Max. Size Aggregate, in.: 3/8
Time in Mixer: 1 hrs. 0 min.
Water Added on Job, gal.: 10
Test Procedure: ASTM C39-84B
Remarks:

Measured Slump, in.: 7
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 82
Ambient Air Temperature, °F: 75
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh Date: 05-09-86
Submitted By: Date:
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
205A	05-16-86	7	109000	3860			RO
205B	06-06-86	28					
205C		Hold					

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-12-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 10th Floor Elevator Lobby, North Side
Concrete Supplier Stocks Mill & Supply
Ticket Number 1497
Batch Size, cu.yds. 7
Mix Identification S109
Design Strength, psi 4000 @ 28 days
Max. Size Aggregate, in. 3/8
Time in Mixer 0 hrs. 40 min.
Water Added on Job, gal. 10
Test Procedure ASTM C39-84B
Remarks

Measured Slump, in 5 3/4
Measured Air Content, % Not Measured
Concrete Temperature, °F 75
Ambient Air Temperature, °F 82
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By K. Singh Date 05-12-86
Submitted By K. Singh Date 05-12-86
Authorized By Date

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
206A	05-19-86	7	127000	4490			RO
206B	06-09-86	28		Discard			RO
206C		Hold		Discard			RO

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300 West Boston Avenue
Las Vegas, Nevada 89102
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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Strect
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-13-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 11th To 12th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6 3/4
Ticket Number: 1564
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 82
Mix Identification: S109
Ambient Air Temperature, °F: 75
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: K. Singh Date: 05-13-86
Water Added on Job, gal.: 0
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
209A	05-20-86	7	93000	3290			RO
209B	06-10-86	28	152000	5380			RO
209C		Hold		Discard			RO

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Strect
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-13-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator core Walls, 11th To 12th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 7 3/4
Ticket Number: 1570
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 86
Mix Identification: S 109
Ambient Air Temperature, °F: 80
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 40 min.
Sampled By: K. Singh Date: 05-13-86
Water Added on Job, gal.: 0
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
210A	05-20-86	7	101000	3570			RO
210B	06-10-86	28	146000	5160			RO
210C		Hold		Discard			RO

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WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-13-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator core Walls, 11th To 12th Floors
Concrete Supplier: Stocks Mill Supply
Ticket Number: 1570
Batch Size, cu.yds.: 10
Mix Identification: S 109
Design Strength, psi: 4000 / 28 days
Max. Size Aggregate, in.: 3/8
Time in Mixer: 0 hrs. 40 min.
Water Added on Job, gal.: 0
Test Procedure: ASTM C39-84B
Remarks

Measured Slump, in.: 7 3/4
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 86
Ambient Air Temperature, °F: 80
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh Date: 05-13-86
Submitted By: Date:
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
210A	05-20-86	7	101000	3570			RO
210B	06-10-86	28					
210C		Hold					

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Gina Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-13-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 11th To 12th Floors
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 1564
Batch Size, cu.yds.: 10
Mix Identification: S109
Design Strength, psi: 4000 / 28 days
Max. Size Aggregate, in.: 3/8
Time in Mixer: 0 hrs. 50 min.
Water Added on Job, gal.: 0
Test Procedure: ASTM C39-84B
Remarks

Measured Slump, in.: 6 3/4
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 82
Ambient Air Temperature, °F: 75
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh Date: 05-13-86
Submitted By: Date:
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
209A	05-20-86	7	93000	3290			RQ
209B	06-10-86	28					
209C		Hold					

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City of Las Vegas, (1) jobsite

Dora Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-15-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 10th Floor Elevator Lobby, North Side
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 1754
Measured Air Content, % Not Measured
Batch Size, cu.yds. 7 1/2
Concrete Temperature, °F 84
Mix Identification S109
Ambient Air Temperature, °F 77
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 50 min.
Sampled By K. Singh Date 05-15-86
Water Added on Job, gal. 5
Submitted By Date
Test Procedure ASTM C39-84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. ø 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
216A	05-22-86	7	128500	4550			MD
216B	06-12-86	28		Discard			MD
216C		Hold		Discard			MD

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Dona Haesly 6-6-88

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-21-86
Reviewed By Jerry Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Lobby N. & Center, 13th Floor
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 4
Ticket Number 2095
Measured Air Content, % Not Measured
Batch Size, cu.yds. 7
Concrete Temperature, °F 84
Mix Identification S-109
Ambient Air Temperature, °F 83
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 50 min.
Sampled By K. Singh Date 05-21-86
Water Added on Job, gal. 10
Submitted By Date
Test Procedure ASTM C39-84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
239A	05-28-86	7	135000	4780			RO
239B	06-18-86	28	Discard				RO
239C		Hold	Discard				RO

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City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-21-86
Reviewed By Jerry Riedel

Project: Golden Nugget Tow r
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 13th to 14th Flpor
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5-3/4
Ticket Number: 2112
Measured Air Content, %: Not Measured
Batch Size, cu yds.: 10
Concrete Temperature, °F: 84
Mix Identification: S 109
Ambient Air Temperature, °F: 80
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: K. Singh Date: 05-21-86
Water Added on Job, gal.: 5
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Mark: g If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens, Caps If Any	Tested By
			Pounds Force	psi			
237A	05-28-86	7	106500	3770			RO
237B	06-18-86	28	158000	5590			RO
237C		Hold		Discard			RO

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Dona Vesely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-2483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-21-86
Reviewed By Jerry Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 13th to 14th Floor
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5-3/4
Ticket Number: 2112
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 84
Mix Identification: S-109
Ambient Air Temperature, °F: 80
Design Strength, psi: 3000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: K. Singh Date: 05-21-86
Water Added on Job, gal.: 5
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
237A	05-28-86	7	106500	3770			RO
237B	06-18-86	28					
237C		Hold					

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-21-86
Reviewed By Jerry Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Core Walls, 13th to 14th Floor
Concrete Supplier Stocks Mill & Supply
Ticket Number 2116
Batch Size, cu.yds 10
Mix Identification S-109
Design Strength, psi 4000 / 28 days
Max. Size Aggregate, in 3/8
Time in Mixer 1 hrs 0 min.
Water Added on Job, gal 0
Test Procedure ASTM C39- 84B
Remarks

Measured Slump, in. 5½
Measured Air Content, % Not Measured
Concrete Temperature, °F 85
Ambient Air Temperature, °F 82
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By K. Singh Date 05-21-86
Submitted By Date
Authorized By Date

Note Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
238A	05-28-86	7	105500	3730			RO
238B	06-18-86	28	153500	5430			MD
238C		Hold		Discard			MD

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Las Vegas, Nevada 89102
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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-21-86
Reviewed By Jerry Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Core Walls, 13th to 14th Floor
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 5½
Ticket Number 2116
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 85
Mix Identification S-109
Ambient Air Temperature, °F 82
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 1 hrs. 0 min.
Sampled By K. Singh Date 05-21-86
Water Added on Job, gal. 0
Submitted By Date
Test Procedure ASTM C39- 84B
Authorized By Date
Remarks

Note Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
238A	05-28-86	7	105500	3730			RO
238B	06-18-86	28					
238C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-23-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 14th Floor Elevator Lobby, North Side
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 2254
Measured Air Content, % Not Measured
Batch Size, cu.yds. 7
Concrete Temperature, °F 84
Mix Identification S 109
Ambient Air Temperature, °F 85
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 50 min.
Sampled By K. Singh Date 05-23-86
Water Added on Job, gal. 5
Submitted By Date
Test Procedure ASTM C39-84B
Authorized By Date

Remarks

Note: Cylinders are 6 in. x 12 in.; area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
245A	05-30-86	7	120500	4260			RO
245B	06-20-86	28		Discard			RO
245C		Hold		Discard			RO

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WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-27-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Walls, 15th To 16th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 2359
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 11
Concrete Temperature, °F: 88
Mix Identification: S109
Ambient Air Temperature, °F: 89
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 45 min.
Sampled By: J. Glagola Date: 05-27-86
Water Added on Job, gal.: 7
Submitted By: J. Glagola Date: 05-28-86
Test Procedure: ASTM C39- 84B
Authorized By: Marty Date: 05-27-86
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated.

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
250A	06-03-86	7	98500	3480			BS
250B	06-24-86	28	146000	5160			RO
250C		Hold		Discard			RO

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-27-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Walls, 15th To 16th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 2359
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 11
Concrete Temperature, °F: 88
Mix Identification: S109
Ambient Air Temperature, °F: 89
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 45 min.
Sampled By: J. Glagola Date: 05-27-86
Water Added on Job, gal.: 7
Submitted By: J. Glagola Date: 05-28-86
Test Procedure: ASTM C39-84B
Authorized By: Marty Date: 05-27-86
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
250A	06-03-86	7	98500	3480			BS
250B	06-24-86	28					
250C		Hold					

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WESTERN TECHNOLOGIES INC.

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-27-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Walls, 15th To 16th Floors
Concrete Supplier Stocks Mill & Supply
Ticket Number 2350
Batch Size, cu.yds. 11
Mix Identification S-109
Design Strength, psi 4000 / 28 days
Max. Size Aggregate, in. 3/8
Time in Mixer 0 hrs. 49 min.
Water Added on Job, gal. 12
Test Procedure ASTM C39-84B
Remarks

Measured Slump, in. 6
Measured Air Content, % Not Measured
Concrete Temperature, °F 86
Ambient Air Temperature, °F 88
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By J. Glagola Date 05-27-86
Submitted By J. Glagola Date 05-28-86
Authorized By Marty Date 05-27-86

Note: Cylinders are 6 in x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
249A	06-03-86	7	101000	3570			MD
249B	06-24-86	28	139000	4920			RO
249C		Hold		Discard			RO

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Doug Shealy 1-6-88

WESTERN TECHNOLOGIES INC.

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-27-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Walls, 15th To 16th Floors
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 2350
Measured Air Content, % Not Measured
Batch Size, cu.yds. 11
Concrete Temperature, °F 86
Mix Identification S-109
Ambient Air Temperature, °F 88
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 49 min.
Sampled By J. Glagola Date 05-27-86
Water Added on Job, gal. 12
Submitted By J. Glagola Date 05-28-86
Test Procedure ASTM C39-84B
Authorized By Marty Date 05-27-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
249A	06-03-86	7	101000	3570			MD
249B	06-24-86	28					
249C		Hold					

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Dona. Hardy 1-6-88

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-28-86
Reviewed By J. Riédel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample South Elevator Lobby, 15th Floor
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 2541
Measured Air Content, % Not Measured
Batch Size, cu.yds. 9
Concrete Temperature, °F 86
Mix Identification C-109
Ambient Air Temperature, °F 90
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 52 min.
Sampled By J. Glagola Date 05-28-86
Water Added on Job, gal. 3
Submitted By J. Glagola Date 05-29-86
Test Procedure ASTM C39-84B
Authorized By Marty Date 05-28-86
Remarks

Note: Cylinders are 6 in. x 12 in.; area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
255A	06-04-86	7	127000	4490			RO
255B	06-25-86	28		Discard			RO
255C		Hold		Discard			RO

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145JI82
Lab./Invoice No.
Date of Report 05-30-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Walls, 16th To 17th Floors
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 2584
Batch Size, cu.yds.: 10
Mix Identification: S 109
Design Strength, psi: 4000 / 28 days
Max. Size Aggregate, in.: 3/8
Time in Mixer: 0 hrs. 50 min.
Water Added on Job, gal.:
Test Procedure: ASTM C39- 84B
Remarks

Measured Slump, in.: 6
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 89
Ambient Air Temperature, °F: 93
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: J. Glagola Date: 05-30-86
Submitted By: J. Glagola Date: 06-02-86
Authorized By: Marty Date: 05-30-86

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
268A	06-06-86	7	110000	3890			RO
268B	06-27-86	28	147000	5200			RO
268C		Hold		Discard			RO

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-30-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st. & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Walls, 16th To 17th Floors
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 2584
Batch Size, cu.yds.: 10
Mix Identification: S 109
Design Strength, psi: 4000 / 28 days
Max. Size Aggregate, in.: 3/8
Time in Mixer: .0 hrs. 50 min.
Water Added on Job, gal.:
Test Procedure: ASTM C39- 84B
Remarks

Measured Slump, in.: 6
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 89
Ambient Air Temperature, °F: 93
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: J. Glagola Date: 05-30-86
Submitted By: J. Glagola Date: 06-02-86
Authorized By: Marty Date: 05-30-86

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
268A	06-06-86	7	110000	3890			RO
268B	06-27-86	28					
268C		Hold					

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Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-30-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Lobby, 15th Floor, Center
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 3
Ticket Number: 2572
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 7
Concrete Temperature, °F: 90
Mix Identification: S-109
Ambient Air Temperature, °F: 88
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 1 hrs. 20 min.
Sampled By: J. Glagola Date: 05-30-86
Water Added on Job, gal.: 5
Submitted By: J. Glagola Date: 06-02-86
Test Procedure: ASTM C39-84B
Authorized By: Marty Date: 05-30-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
266A	06-06-86	7	129500	4580			RO
266B	06-27-86	28		Discard			RO
266C		Hold		Discard			RO

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Dona Hoelzle 1-6-88

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41453182
Lab./Invoice No.
Date of Report 05-30-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Walls, 16th To 17th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 2577
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 87
Mix Identification: S-109
Ambient Air Temperature, °F: 90
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 45 min.
Sampled By: J. Glagola Date: 05-30-86
Water Added on Job, gal.:
Submitted By: J. Glagola Date: 06-02-86
Test Procedure: ASTM C39-84B
Authorized By: Marty Date: 05-30-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age, Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
267A	06-06-86	7	119000	4210			RO
267B	06-27-86	28		Discard			RO
267C		Hold		Discard			RO

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-03-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 15th Story Elevator Lobbies, South And Center Sides
Concrete Supplier Stocks Mill & Supply
Ticket Number 2791
Batch Size, cu.yds. 9
Mix Identification S-109
Design Strength, psi 4000 / 28 days
Max. Size Aggregate, in. 3/8
Time in Mixer 0 hrs. 50 min.
Water Added on Job, gal. 10
Test Procedure ASTM C39-84B
Remarks

Measured Slump, in. 6
Measured Air Content, % Not Measured
Concrete Temperature, °F 93
Ambient Air Temperature, °F. 100
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By K. Singh Date 06-03-86
Submitted By Date
Authorized By Date

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
276A	06-10-86	7	120000	4240			RO
276B	07-01-86	28		Discard			RO
276C		Hold		Discard			RO

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Dona Haelsig 4-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-04-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 17th To 18th Floor
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/2
Ticket Number: 2846
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 89
Mix Identification: S-109
Ambient Air Temperature, °F: 100
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: K. Singh Date: 06-04-86
Water Added on Job, gal.: 10
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
278A	06-11-86	7	120000	4240			RO
278B	07-02-86	28		Discard			RO
278C		Hold		Discard			RO

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Dona Hiesly 1-6-87

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Strect
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-04-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Arthitect/Engineer:
Source of Sample: Elevator Core Walls, 17th To 18th Flopr
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 2853
Batch Size, cu.yds.: 10
Mix Identification: S-109
Design Strength, psi: 4000 / 28 days
Max. Size Aggregate, in.: 3/8
Time in Mixer: hrs. min.
Water Added on Job, gal.: 5
Test Procedure: ASTM C39-84B
Remarks:

Measured Slump, in.: 6
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 90
Ambient Air Temperature, °F: 104
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh Date: 06-04-86
Submitted By: Date:
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any.	Tested By
			Pounds Force	psi			
279A	06-11-86	7	105000	3710			RO
279B	07-02-86	28	142000	5020			RO
279C		Hold		Discard			RO

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Strect
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-04-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Core Walls, 17th To 18th Floor
Concrete Supplier Stocks Mill & Supply
Ticket Number 2853
Batch Size, cu.yds. 10
Mix Identification S-109
Design Strength, psi 4000 / 28 days
Max. Size Aggregate, in. 3/8
Time in Mixer hrs. min.
Water Added on Job, gal. 5
Test Procedure ASTM C39-84B
Remarks

Measured Slump, in. 6
Measured Air Content, % Not Measured
Concrete Temperature, °F 90
Ambient Air Temperature, °F 104
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By K. Singh Date 06-04-86
Submitted By Date
Authorized By Date

Note Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
279A	[illegible]-86	7	105000	3710		0	RO
279B	02-86	28					
279C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-09-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample Elevator Core Walls, 18th To 19th Floors
Concrete Supplier Stocks Mill & Supply Measured Slump, in. 5
Ticket Number 3099 Measured Air Content, % Not Measured
Batch Size, cu.yds. 10 Concrete Temperature, °F 89
Mix Identification S-109 Ambient Air Temperature, °F 95
Design Strength, psi 4000 / 28 days Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8 No. of Cylinders Molded 3
Time in Mixer 0 hrs. 50 min. Sampled By K. Singh Date 06-09-86
Water Added on Job, gal. 10 Submitted By Date
Test Procedure ASTM C39- 84B Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
291A	06-16-86	7	119000	4210			RO
291B	07-07-86	28		Discard			RO
291C		Hold		Discard			RO

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Las Vegas, Nevada 89102
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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-09-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample Elevator Core Walls, 18th To 19th Floor
Concrete Supplier Stocks Mill & Supply Measured Slump, in. 5 1/2
Ticket Number 3093 Measured Air Content, % Not Measured
Batch Size, cu.yds. 10 Concrete Temperature, °F 88
Mix Identification S-109 Ambient Air Temperature, °F 92
Design Strength, psi 4000 / 28 days Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8 No. of Cylinders Molded 3
Time in Mixer 0 hrs. 50 min. Sampled By K. Singh Date 06-09-86
Water Added on Job, gal. 10 Submitted By Date
Test Procedure ASTM C39-84B Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
290A	06-16-86	7	113000	4000			RO
290B	07-07-86	28		Discard			RO
290C		Hold		Discard			RO

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(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-11-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Lobbies, 17th Floor, North & Center
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number
Measured Air Content, % Not Measured
Batch Size, cu.yds. 9
Concrete Temperature, °F 94
Mix Identification S-109
Ambient Air Temperature, °F 102
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 1 hrs. 0 min.
Sampled By K. Singh Date 06-11-86
Water Added on Job, gal. 10
Submitted By Date
Test Procedure ASTM C39- 84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
300A	06-18-86	7	142500	5040			MD
300B	07-09-86	28		Discard			MD
300C		Hold		Discard			MD

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3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-13-86
Reviewed By J. Rieded

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 19th - 20th Floors
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number: 3468
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 89
Mix Identification: S-109
Ambient Air Temperature, °F 100
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer hrs. 50 min.
Sampled By K. Singh Date 06-13-86
Water Added on Job, gal.
Submitted By Date
Test Procedure: ASTM C39-84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
308A	06-20-86	7	117500	4160			RO
308B	07-11-86	28		Discard			RO
308C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-17-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 18th Floor Elevator Lobbies, South And Center Sides
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6 1/2
Ticket Number: 3632
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 9
Concrete Temperature, °F: 94
Mix Identification: S-109
Ambient Air Temperature, °F: 100
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: hrs. min.
Sampled By: K. Singh Date: 06-17-86
Water Added on Job, gal.: 6
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
315A	06-24-86	7	120000	4240			RO
315B	07-15-86	28		Discard			RO
315C		Hold		Discard			RO

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-18-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Core Walls, 20 To 21st Floor
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 3726
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 90
Mix Identification S-109
Ambient Air Temperature, °F 95
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 50 min.
Sampled By K. Singh Date 06-18-86
Water Added on Job, gal. 10
Submitted By Date
Test Procedure ASTM C39-84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
317A	06-25-86	7	102000	3610			RO
317B	07-16-86	28	133000	4700			PJP
317C		Hold		Discard			PJP

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WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-18-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Core Walls, 20 To 21st Floor
Concrete Supplier Stocks Mill & Supply
Ticket Number 3726
Batch Size, cu.yds. 10
Mix Identification S-109
Design Strength, psi 4000 / 28 days
Max. Size Aggregate, in. 3/8
Time in Mixer 0 hrs. 50 min.
Water Added on Job, gal. 10
Test Procedure ASTM C39-84B
Remarks

Measured Slump, in. 6
Measured Air Content, % Not Measured
Concrete Temperature, °F 90
Ambient Air Temperature, °F 95
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By K. Singh Date 06-18-86
Submitted By Date
Authorized By Date

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
317A	06-25-86	7	102000	3610			RO
317B	07-16-86	28					
317C		Hold					

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-19-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Cogtractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Lobbies, North And Center Sides
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6 3/4
Ticket Number: 3805
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 93
Mix Identification: S-109
Ambient Air Temperature, °F: 100
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: K. Singh Date: 06-19-86
Water Added on Job, gal.:
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
323A	06-26-86	7	115000	4070			RO
323B	07-17-86	28		Discard			RO
323C		Hold		Discard			RO

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(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-23-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger.
Contractor Siera Construction
Architect/Engineer
Source of Sample Elevator Lobbies, 20th Floor, South And Center
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 3439
Measured Air Content, % Not Measured
Batch Size, cu.yds. 7
Concrete Temperature, °F 85
Mix Identification S-109
Ambient Air Temperature, °F 92
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 56 min.
Sampled By K. Singh Date 06-23-86
Water Added on Job, gal. 10
Submitted By Date
Test Procedure ASTM C39-84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
331A	06-30-86	7	122000	4320			RO
331B	07-21-86	28		Discard			RO
331C		Hold		Discard			RO

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-23-86
Reviewed By: J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction Architect/Engineer
Source of Sample Elevator Core Walls, 21st To 22nd Story
Concrete Supplier Stocks Mill & Supply
Ticket Number 3978
Batch Size, cu.yds. 10
Mix Identification S-109
Design Strength, psi 4000 / 28 days
Max. Size Aggregate, in. 3/8
Time in Mixer 0 hrs. 50 min.
Water Added on Job, gal. 10
Test Procedure ASTM C39- [illegible]B
Remarks

Measured Slump, in. 6"
Measured Air Content, % Not Measured
Concrete Temperature, °F 86
Ambient Air Temperature, °F 99
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By K. Singh Date 06-23-86
Submitted By Date
Authorized By Date

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load Pounds Force	Compressive Strength Maximum Load psi	Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
332A	06-30-86	7	103000	3640			RQ
332B	07-21-86	28	130000	4600			PP
332C		Hold		Discard			PP

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-26-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Core Walls, North Side Top Out
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 4273
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 88
Mix Identification S-109
Ambient Air Temperature, °F 100
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer hrs. 56 min:
Sampled By K. Singh Date 06-26-86
Water Added on Job, gal. 10
Submitted By Date
Test Procedure ASTM C39- 84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
342A	07-03-86	7	89000	3150			RO
342B	07-24-86	28	131000	4630			PP
342C		Hold	Discard				PP

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 07-01-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Lobbies, 21st Floor, Center And South Side
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 4493
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 8 1/2
Concrete Temperature, °F: 93
Mix Identification: S 109
Ambient Air Temperature, °F: 102
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8"
No. of Cylinders Molded: 3
Time in Mixer: hrs. min.
Sampled By: K. Singh Date: 07-01-86
Water Added on Job, gal.:
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
357A	07-08-86	7	120000	4240			RO
357B	07-29-86	28		Discard			RO
347C		Hold		Discard			RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 07-03-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Elevator Core Walls, 22nd - 23rd Floor
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 4646
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 96
Mix Identification: S-109
Ambient Air Temperature, °F: 102
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: hrs. 50 min.
Sampled By: K. Singh Date: 07-03-86
Water Added on Job, gal.:
Submitted By: Date:
Test Procedure: ASTM C39- 84B
Authorized By: Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
356A	07-10-86	7	112500	3980			PJP
356B	07-31-86	28	153000	5410			PJP
356C		Hold	Discard				PJP

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 07-03-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample Elevator Core Walls, 22nd - 23rd Floor
Concrete Supplier Stocks Mill & Supply — Measured Slump, in. 6
Ticket Number 4646 — Measured Air Content, % Not Measured
Batch Size, cu.yds. 10 — Concrete Temperature, °F 96
Mix Identification S-109 — Ambient Air Temperature, °F 102
Design Strength, psi 4000 / 28 days — Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8 — No. of Cylinders Molded 3
Time in Mixer hrs. 50 min. — Sampled By K. Singh Date 07-03-86
Water Added on Job, gal. — Submitted By Date
Test Procedure ASTM C39- 84B — Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
356A	07-10-86	7	112500	3980			PJP
356B	07-31-86	28					
356C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Shields 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 07-10-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Core 23rd to 24th Floor, Top Out, South Half
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 49876
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 92
Mix Identification S-109
Ambient Air Temperature, °F 104
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer 1 hrs. 0 min.
Sampled By K. Singh Date 07-10-86
Water Added on Job, gal.
Submitted By Date
Test Procedure ASTM C39- 84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
368 A	07-17-86	7	110000	3890			PJP
368 B	08-07-86	28	141000	4990			PJP
368 C		Hold	Discard				PJP

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Haesly — 1-6-88

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 07-10-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Elevator Core 23rd to 24th Floor, Top Out, South Half
Concrete Supplier Stocks Mill & Supply
Ticket Number 49876
Batch Size, cu.yds. 10
Mix Identification S-109
Design Strength, psi 4000 / 28 days
Max. Size Aggregate, in. 3/8
Time in Mixer 1 hrs. 0 min.
Water Added on Job, gal.
Test Procedure ASTM C39- 84B
Remarks

Measured Slump, in. 6
Measured Air Content, % Not Measured
Concrete Temperature, °F 92
Ambient Air Temperature, °F 104
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By K. Singh Date 07-10-86
Submitted By Date
Authorized By Date

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
368 A	07-17-86	7	110000	3890			PJP
368 B	08-07-86	28					
368 C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 07-14-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 22nd Story Elevator Roof, North Side
Concrete Supplier Stocks Mill & supply
Measured Slump, in. 5 3/4
Ticket Number 5167
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 92
Mix Identification S109
Ambient Air Temperature, °F 96
Design Strength, psi 5000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/8
No. of Cylinders Molded 3
Time in Mixer hrs. 57 min.
Sampled By K. Singh Date 07-14-86
Water Added on Job, gal. 10
Submitted By Date
Test Procedure ASTM C39-84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
372A	07-21-86	7	123000	4350			PP
372B	08-11-86	28	182500	6460			PP
372C		Hold	Discard				PP

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 07-14-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 22nd Story Elevator Roof, North Side
Concrete Supplier: Stocks Mill & supply
Measured Slump, in.: 5 3/4
Ticket Number: 5167
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 92
Mix Identification: S109
Ambient Air Temperature, °F: 96
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: hrs. 57 min.
Sampled By: K. Singh Date: 07-14-86
Water Added on Job, gal.: 10
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps - If Any	Tested By
			Pounds Force	psi			
372A	07-21-86	7	123000	4350			PP
372B	08-11-86	28					
372C		Hold					

Copies to:
Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
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Dona Riedy 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 08-05-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Mechanical Room Deck, North Side of Elevator Core
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 7
Ticket Number: 06393
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 90
Mix Identification: S-109
Ambient Air Temperature, °F: 101
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 1 hrs. 0 min.
Sampled By: K. Singh
Date: 08-05-86
Water Added on Job, gal.: 10
Submitted By:
Date:
Test Procedure: ASTM C39- 84B
Authorized By:
Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
418A	08-12-86	7	117000	4140			PP
418B	09-02-86	28	Discard				PP
418C		Hold	Discard				PP

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hadley 1-6-88

MARTIN & ASSOCIATES
STRUCTURAL ENGINEERS
1001 RANCHO DRIVE SOUTH LAS VEGAS, NEVADA 89106 PHONE (702) 385-5300

MEMORANDUM
MEETING RECAP

TO: Distribution (overleaf) FROM: Eric Jasiukaitis EJ

SUBJECT: GNLV - New Construction ADF 84079 A, B, C, D DATE: 1/9/86

COPIES TO:

Present: Brad Friedmutter, Bob Ford, Eric Jasiukaitis

In a meeting held in the City of Las Vegas Special Inspector's Office at 2:30 p.m. on January 8, 1986, the following items were discussed and resolved:

1. Grouting lift limitations and cleanouts in grouted, reinforced CMU walls (Clarification question by the Special Inspector).

   Answer: All new GNLV construction projects were designed under 1985 UBC, thus deleting all previous UBC requirements. In 1985 UBC, grouting height and cleanout requirements are set in Table No. 24-G. Therefore, based on the type of grout specified, contractor - at his own discretion - has options as to the grout pour height and the cleanout requirements, which must conform to the above-indicated UBC table.

2. Shear Studs - Galleria stair area (ADF 84079B) only. (Manual arc welding in place of the use of stud welding gun and control unit - request made by the Contractor).

   Answer: Structural Welding Code ANSI/AWS D1.1-85, by the American Welding Society, Section 7.5.5, allows studs to be fillet welded by the shielded metal arc process, provided additional requirements are met.

   These additional requirements, in condensed form for this particular project, are as follows:

   a. Welding shall be done with low hydrogen electrodes 5/32 or 3/16 IN. in diameter.
   b. The minimum fillet size shall be 5/16 IN.
   c. Stud base shall be prepared so that stud base is flat against the base metal.
   d. All paint, rust and mill scale at the stud location shall be removed by grinding.
   e. Fillet welded stud bases shall be visually inspected.

Dona Hasely 1-6-88

DISTRIBUTION:

Brad Friedmutter
D. Butler
J. Bergman, East
J. Bergman, West
Sierra Construction
Bob Ford
Bob Anderson

Donna Stanley 1-16-86

MARTIN & associates

MARTIN & ASSOCIATES □ STRUCTURAL ENGINEERS

FIELD VISIT REPORT

Date: 1-16-86

Distribution:

Present: ROGER FORD, BOB PIPER, DAVID PETERSON, BILL KOERWITZ

The following items require the indicated remedial action:

AT THE SOUTH END OF THE ELEVATOR CORE MAT FOOTING, IN THE BOTTOM MAT #11 BARS IN THE N-S DIRECTION ARE 5'-0" SHORT OF REQ'D LENGTH (SEE SKETCH) [redacted] ACTION TO BE TAKEN AS FOLLOWS; SPLICE BARS W/ NEW #11 BARS USING 'A' CLASS 'C' LAP SPLICE IN ORDER TO GET REQUIRED LENGTH.

RECEIVED
JAN 16 1986
ADF-WEST

Prepared by: _____ Discipline: _____

1001 Rancho Drive So. Las Vegas, Nevada. (702) 385-5300

Dona Hoesly 1-6-88

MARTIN & ASSOCIATES □ STRUCTURAL ENGINEERS

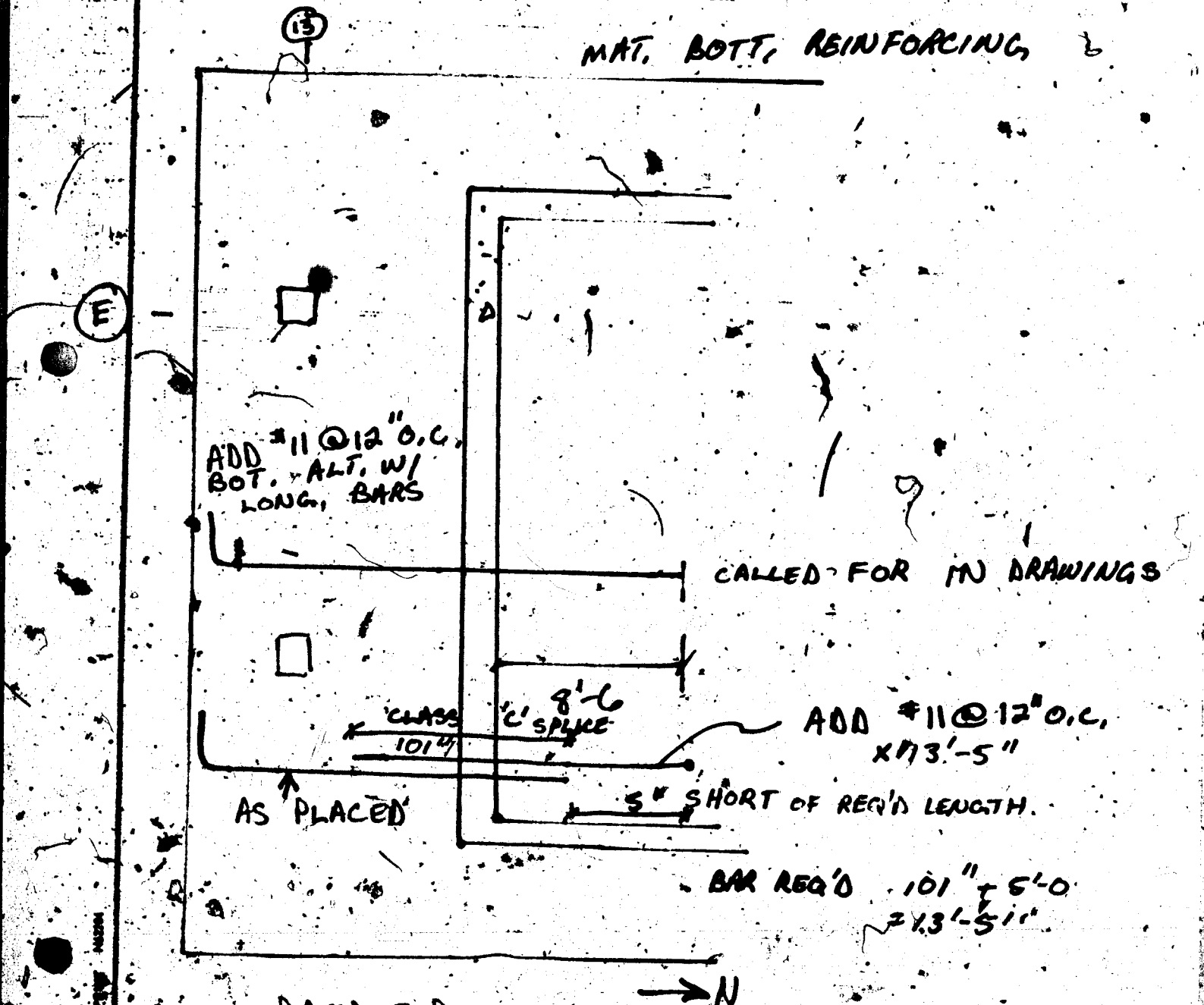
FIELD VISIT REPORT

Date: 1-16-86

Distribution:

Present: DAVID S. PETERSON, ROGER FORD, BOB PIPER, BILL KOERWITZ

The following items require the indicated remedial action:



Prepared by: DAVID S. PETERSON Discipline: STRUCTURAL

1001 Rancho Drive So., Las Vegas, Nevada (702) 385-5300

Dora Hasby 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

November 20, 1985

Atlandia Design and Furnishings
P.O. Box 280
Pleasantville, NJ 08232

Attention: Mr. Joel Bergman, A.I.A.
Vice President Development

Reference: Batch Plant Inspections
For Golden Nugget New and Existing
Parking Structure

Job No. 4145J149

As required in the referenced project specifications (ADF project No's 8409 A:D) we have performed a batch plant inspection of Stocks Mill & Supply main plant at 3336 Cinder Lane, Las Vegas, Nevada. The inspection was performed on October 23, 1985.

The project specification (section 01400 2.2B) requires the testing laboratory to check the following:

A. Batch Plant and Equipment Quality
B. Material Identification
C. Concrete Proportioning
D. The Quality and Quantity of Material Batched.

As an aid in reviewing the batch plant and equipment quality, Western Technologies incorporated the National Ready Mixed Concrete Association (NRMCA) "Certification of Ready Mixed Concrete Production Facilities" check list into the batch plant review. A completed copy of the check list is presented in attachment No. 1 for your review. The check list is incorporated only as an aid, not as an application for NRMCA certification.

Seive analyses were performed on coarse and fine aggregate samples obtained at the batch plant. Results are presented in Plates No. 1 and No. 2. Cement Certifications were obtained and are presented in Plates No. 3 and No. 4. Proportioning for three 10 cu. yd. concrete batches of mix design CM1168 to be delivered to the referenced project were observed. Results are presented in Plate No. 5. Plate No. 6 presents physical properties of plastic concrete and 7 day compressive strength tests performed on mix designs CM1168. The physical properties and compressive strength tests were performed on concrete that was batched during our plant inspection.

Dona Hasely 1-6-88

The sieve analyses indicate the aggregate gradation percentages have changed since mix design CM1168 gradations were performed. The current gradings meet ASTM C33 specifications. It is also apparent that the mix water has been increased by approximately 15 pounds. Compressive strength test results indicate no reduction in strength due to the mix water increase.

Observations and test results indicate that the batch plant, the techniques used in proportioning the concrete, and concrete materials are of such quality as to produce concrete which will satisfy project requirements.

Sincerely,

WESTERN TECHNOLOGIES INC.

Mike Burgoyne

MIKE BURGOYNE, E.I.T.

Reviewed By J. Riedel

rew

cc: Sierra Construction
Martin & Associates
City of Las Vegas ✓
Atlandia Design & Furnishings
Attn: Brad Friedmutter

Dona Hawley 1-6-88

ATTACHMENT NO. 1

CHECK LIST FOR READY MIXED
CONCRETE PRODUCTION FACILITIES

Dona Hasely 1-6-88

CHECK LIST FOR READY MIXED CONCRETE PRODUCTION FACILITIES

General

This list itemizes requirements for plant facilities and equipment used in the production of ready-mixed concrete. A separate Check List must be completed by a registered professional engineer for each plant inspected. Three copies of the forms may be obtained free of charge from NRMCA for each plant to be inspected. Each item in the Check List is to be checked by or under the supervision of a registered professional engineer who will in each case enter the appropriate symbol in the space provided, as follows:

"✓" if the requirement is met.

"F" if the requirement is not met. (An accompanying number may be used to refer to appended explanation where considered desirable. However, a certificate cannot be issued to a plant not meeting all of the applicable items. If possible, deficiencies should be corrected before the inspection is completed.)

"N" if the particular item is not applicable to the type of plant being inspected.

The examining engineer's initials should appear on each page on which entries have been made. His signature and seal, and the date of completion of the inspection must be entered on the Verification of Inspection (Section 6, page 16.) Also, an official of the producer company must complete the Agreement to Regularly Check Scales and Volumetric Batching Devices and Dispensers (Section 7, page 17.)

The original copy of the Check List and the Checking Agreement should be submitted to: Engineering Division, National Ready Mixed Concrete Association, 900 Spring Street, Silver Spring, Maryland 20910. A second copy of each should be provided to the owner of the plant for his record and for such use as a reference as he may find appropriate. The third copy is to be retained by the inspecting engineer for his files. In order to save paperwork it is permissable to make photo copies of the original Check List for the files of the engineer and producer, however, the original should be submitted to NRMCA. The engineer must also submit once to NRMCA a completed copy of the Engineer Information Form (Section 9, page 19).

Conformance with relevant requirements of the Qualification Chart (Section 10, page 21) will make the plant eligible for a Certificate of Conformance furnished by the National Ready Mixed Concrete Association, to be validated by the signature and seal of the inspecting engineer and by the signature of the principal company executive. The Certificate will carry an expiration date two years from the inspection date.

The references listed in Section 8, page 18, may be of help to the engineer and producer.

1. Material Storage and Handling

1.1 **Cement**

1.1.1 Bins or silos tight and provide for free movement to discharge opening. ☑

1.1.2 Where storage is provided for different types of cement or cementitious materials, different materials isolated to prevent intermingling or contamination. ☑

1.2 **Aggregates**

1.2.1 Procedures for unloading aggregates such as to prevent harmful segregation and breakage. ☑

1.2.2 Procedures for building stockpiles such as to prevent harmful segregation and breakage. ☑

1.2.3 Stockpiles located to prevent contamination; arranged to assure that each aggregate as removed from its stockpile is distinct and not intermingled with others. ☑

J.G.
initials

Dona Hasely 1-6-88

1.2.4 Intraplant handling and transportation such as to prevent harmful segregation. ☑

1.2.5 Separate storage bins or compartments for each size and type of aggregate properly constructed and charged to prevent mixing of different sizes or types. ☑

1.3 Water

1.3.1 Adequate supply, with pressures sufficiently constant or regulated to prevent interference with accuracy of measurement. ☑

1.3.2 Where concrete is placed regularly during sub-freezing weather, minimum heating capacity for water ~~and/or aggregate of 15 boiler horsepower per 100 cubic yard average daily cold weather production. (May be reduced to 10 bph if storage capacity permits round-the-clock operation of heating equipment.) One boiler horsepower = 33,500 BTU per hour transferred to the water.~~ ☑

1.4 Admixtures

1.4.1 Storage and handling system for liquid admixtures sufficiently protected to prevent freezing of admixtures at any time (Note 1). ☑

(Note 1: Freezing can cause ingredients of some liquid admixtures to separate and, therefore, affect concrete quality control.)

1.4.2 Admixtures protected to prevent damage from contamination. ☑

1.4.3 Agitation provided for liquid admixtures that are not stable solutions. N

2. Batching Equipment

2.1 Scales

2.1.1 Each scale comprised of a suitable system of levers or load cells which will weigh consistently within the tolerances given in 2.1.2, with loads indicated either by means of a beam with balance indicator, a full-reading dial, or a digital read-out or display. For all types of batching systems, manual through automatic, the batchman must be able to read the load indicating devices from his normal station except that, where the controls are remotely located with respect to the batching equipment, monitors or scale-follower devices may be used if they repeat the indication on the master scale within ± 0.2 percent of scale capacity. ☑*

2.1.2 Each scale accurate (Note 2) within ± 0.20 percent of scale capacity throughout the range of use. For direct digital read-out, the tolerance shall be increased to ± 0.25 percent to allow for tracking restriction (Note 3). ☑*

(Note 2: The engineer supervising inspection may accept scale calibrations made by state or other agencies which in his judgment are reliable and qualified.)

(Note 3: The purpose of this increased tolerance is to allow for the fact that digital readings are limited to whole-number values which cannot reproduce weight indications closer than ± 0.05 percent of capacity.)

2.1.3 At least 500 pounds of suitable test weights (each accurate within ± 0.01 percent of indicated value) readily available for checking accuracy of scales. Company official agrees to recheck scales not less frequently than every 90 days and arrange prompt correction of any non-compliance with

J.G. initials

* WEIGHT ACCURACY CHECKED BY STATE OF NEVADA IN 1984.

Dona Hasely 1-6-88

above-indicated tolerance. Signed statement by responsible official is attached; see Section 7, page 17 (Note 4). ☑*

(Note 4: The purpose of the Checking Agreement is to assure awareness by the operator of the necessity to verify weighing accuracy continuously. Checks may be made by qualified plant personnel or by outside agencies or scale companies. The availability of test weights is considered essential to fulfillment of the agreement, but the engineer may consider that, where a company operates several plants, a separate set of test weights is not needed for each.)

2.1.4 Lever system scales so designed that center of gravity of gross load always lies between load pivots. ☑

2.1.5 *Beam-Indicating Scales:*

2.1.5.1 provided with zero balance beam, balance indicator, and separate weighing beam for each ingredient of a batch to be weighed on the same scale. ☑

2.1.5.2 beam poises corrosion resistant, equipped with positive and accurate holding devices, and capable of being set to the minimum graduated interval which shall be not greater than 0.1 percent of capacity with a clear interval of not less than 0.03 in. ☑

2.1.5.3 balance indicators sufficiently sensitive to show movement when weight corresponding to 0.10 percent of scale capacity is placed in the batch hopper at a load equal to or above 50 percent of scale capacity; pointer travel of balance indicators at least 5 percent of net rated capacity of largest weigh beam or 200 pounds, whichever is less, for underweight and 4 percent or 100 pounds, whichever is less, for overweight; provision made for damping oscillation of indicator pointer. ☑

2.1.6 *Dial-Indicating Scales:*

2.1.6.1 dial head mechanism enclosed so as to be dust tight. ☑

2.1.6.2 dials indicate load in batcher continuously from zero balance to full weighing capacity of the scale. ☑

2.1.6.3 dial faces have minimum of 1000 graduations on circular reading line at clear interval of not less than 0.03 in. ☑

2.1.7 *Digital-Indicating Scales:* Digital indicator or display protected from dust with numbers large enough for good readability; minimum numerical increment equal to or less than 0.1 percent of scale capacity. ☑

2.1.8 *Load-cell Scales:* Arranged to transmit load to one or more cells, directly or through a system of levers, in such a way that the cell system registers the entire load accurately on the load-indicating device; load cells indicated by manufacturer to be accurate throughout the range of temperatures to which normally exposed during plant operation. ☑

2.2 Weigh Batchers

2.2.1 Batchers for weighing cement, aggregates, and also water or admixtures (if measured by weight) consist of suitable containers freely suspended from a scale, equipped with necessary charging and discharging mechanisms. ☑

2.2.2 Cement and other cementitious materials weighed on scales and in weigh hoppers which are independent of scales and weigh hoppers used for non-cementitious ingredients. ☑

* CHECKED BY STOCKS IN 5/16/85 TO 1000 lbs.

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Dona Hasely 1-6-88

2.2.3 Batchers capable of receiving rated load without contact of the weighed material with the charging mechanism. ☑

2.2.4 Provide for removal of overload. ☑

2.2.5 Cement batchers provided with dust seal between charging mechanism and hopper, installed in such a way as not to affect weighing accuracy; weigh hopper vented to permit escape of air; hopper self-cleaning and fitted with means to assure complete discharge. ☑

2.2.6 Batcher charging mechanism capable of stopping flow of material within batching tolerances specified in 2.5 and preventing loss of material when closed. ☑

2.2.7 Vibrators or other appurtenances installed in such a way as not to affect accuracy of weighing. ☑

2.2.8 Wind protection sufficient to prevent interference with weighing accuracy. ☑

2.3 **Volumetric Batching Devices for Water**

2.3.1 *Water Meters:*

2.3.1.1 equipped with a cut-off device capable of stopping the flow within the tolerance specified in 2.5.3; cut-off device free from leaks when closed. ☑

2.3.1.2 equipped with a volume setting device capable of being set to increments at least as small as one gallon or a register capable of being read to one gallon, or both (Note 5). ☑

(Note 5: For water-measuring equipment which is graduated in terms of pounds instead of gallons, use 10 pounds as the basic increment instead of one gallon.)

2.3.1.3 provide an indication, visible to the batchman, of the volume batched at any point in the metering operation. ☑

2.3.2 *Volumetric Tank Water Batchers:*

2.3.2.1 equipped with necessary filling and discharge valves which are leak-free when closed; fill valve capable of stopping flow within the tolerance specified in Section 2.5.3. N

2.3.2.2 have a gage or other device in the view of the batchman which indicates the volume of water in the tank from the zero point to capacity of the batcher and which can be read to one gallon (Note 5); tank equipped with an overflow pipe at batcher capacity level if it is less than tank capacity. N

2.3.2.3 equipped with a valve to remove overloads. ☑

2.4 **Dispensers for Liquid Admixtures (Note 6)**

(Note 6: A dispenser is a device for batching liquid admixtures by weight or volume and must be affixed to the plant. Dispensing methods which involve hand carried containers for the measurement and discharge of admixtures do not qualify. Volumetric dispenser requirements are in 2.4 and dispensers which are weigh batchers must meet the applicable requirements of 2.2).

2.4.1 Separate dispenser for each liquid admixture in regular use, except that more than one admixture can be batched through a single dispenser if the admixtures are compatible or if the dispenser is flushed with water after each cycle (Note 7). ☑

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(Note 7: If more than one admixture is being used through a single dispenser without flushing of the dispenser with water after each cycle, the engineer should ascertain that the admixtures in actual use are compatible with each other and that the mixing of the admixtures prior to introduction into the concrete will not be detrimental.)

2.4.2 Piping free of leaks and properly valved to prevent backflow or siphoning and to insure that the measured amount is discharged. ☑

2.4.3 Each volumetric dispenser provided with an accurately calibrated container in which the admixture may be collected when it is desired to check the accuracy of measurement as indicated in 2.5.4. ☑

2.4.4 Each volumetric dispenser for admixtures other than calcium chloride equipped with a visual means of providing a gross check to the batchman of the amount of admixture batched during each cycle, within ± 20 percent (Note 8). ☑

(Note 8: This gross check is required to help the batchman prevent large overdoses or deficiencies of admixture due to dispenser malfunction in any batch, which could cause great changes in fresh and/or hardened concrete properties. Following are examples of how the gross check might be provided: (a) collecting the measured quantity of admixture in a calibrated container during each cycle and holding it for a short period to permit a visual check; (b) measuring the dispensed quantity through the use of an independent meter to obtain a rough check on the amount measured by observation of a volumetric indicator.)

2.4.5 Volumetric admixture dispensers provide visible indication of the quantity batched or interlock cut-off when liquid admixture supply is not available to the dispenser. (This is to prevent dispensing air instead of admixture). ☑

2.5 **Accuracy of Plant Batching** (Note 9)

(Note 9: For weighed ingredients, accuracy of batching is determined by comparison between the desired weight* and the actual scale reading; for volumetric measurement of water and admixtures, accuracy is determined by checking the discharged quantity either by weight on a scale or by volume in an accurately calibrated container.)

2.5.1 Cement and other cementitious materials measured by weight within ± 1 percent of the desired weight* in individual batchers, or ± 1 percent of the desired intermediate and final cumulative weights* in cumulative batchers, but, in either case, the minimum accuracy of batching applying to small loads is ± 0.3 percent of scale capacity (which governs for weights below 30 percent of scale capacity). ☑

2.5.2 Aggregate measured by weight within ± 2 percent of the desired weight* in individual aggregate batchers, or ± 1 percent of the desired intermediate and final cumulative weights* in cumulative aggregate batchers, but, in either case, the minimum accuracy of batching applying to small loads is ± 0.3 percent of scale capacity (which governs for weights below 15 percent and 30 percent of scale capacity, respectively). See Note 10 and Note 11. ☑

(Note 10: If the weight-setting system provides compensation for moisture on aggregates, the tolerance applies to the accuracy of measurement of the corrected weight.)

(Note 11: In some instances the accurate control of concrete containing lightweight aggregate is more feasible if the lightweight coarse aggregate is batched by bulk volume rather than by weight. When this is judged to be the case, the provisions of 2.5.2 can be waived for lightweight coarse aggregate.)

*As indicated to the batchman, corrected for aggregate moisture, if required.

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2.5.3 Water measured by volume or weight within ± 1.5 percent** of the desired amount,* or ± 1 gallon (Note 5, page 7), whichever is greater. Company official agrees to recheck batching accuracy of volumetric water batching devices (including water meters) not less frequently than every 90 days. See Checking Agreement on page 17. ☑

2.5.4 Admixtures measured to within ± 3 percent of the desired amount* or ± the minimum dosage rate for one sack of cement, whichever is greater (Note 12). ~~Company official agrees to recheck batching accuracy of volumetric admixture dispensers at least every 90 days. See Checking Agreement on Page 17.~~ ☑

(Note 12: Liquid admixtures are to be measured by volume or weight and powdered admixtures are to be measured by weight. Where it cannot be determined what liquid admixture will normally be used in a volumetric dispenser, assume that the dosage will be at a rate of at least 1 fl. oz. per sack; admixtures with lower rates can be reconstituted to the point where the rate is 1 fl. oz. per sack or more.)

2.5.5 Compensation for free moisture on aggregates as it affects aggregate weights and slump control:

2.5.5.1 Suitable combination of pre-batching storage and manual or automatic measurement of aggregate moisture to provide aggregate of fairly consistent moisture content to the batcher and to detect changes of 1 percent in the moisture content of fine aggregate; procedure for adjustment of aggregate batch weights for changes in their moisture content of 1 percent by weight of dry aggregate. ☑

2.5.5.2 Suitable procedures of maintaining control of slump (Note 13). ☑

(Note 13: For central, shrink, or truck mixing operations, this can be a visual or other method of estimating the slump of the concrete during mixing with consequent adjustments in added water made by the batchman or truck mixer driver; as an alternative, slump can be controlled by a method based on determination of aggregate free moisture to an accuracy of about ± 1½ gallons per cubic yard of concrete so that the correct amount of added water can be batched to obtain the desired slump.)

2.6 Batching Systems

2.6.1 *Definitions and Requirements of Component Individual Batcher Controls.* Batching controls are the part of the batching equipment that provides means for operating the batching device for an individual material. They may be mechanical, hydraulic, pneumatic, electrical, etc. or a combination of these means. A batching system is a combination of batching devices and batching controls necessary to the accurate and consistent batching of concrete ingredients in the desired proportions. Normally a batching system would include batching devices and controls for cement, aggregates, water, and admixtures, although some may not include admixtures if they are not used at the plant or may not have batching equipment for water if it is entirely batched through the truck mixer water system.

2.6.1.1 Weigh Batcher Controls (Cement and aggregates must be batched by weight; water and admixtures may be batched in a weigh batcher or by volume in a volumetric device covered in 2.6.1.2. For lightweight coarse aggregate, see Note 11.)

(1) Manual Control [redacted] weigh-batcher control exists when the batching devices are actuated manually, [redacted] the accuracy of the batching operation dependent on the operator's observation of a scale. The batching devices may be actuated by hand or by hydraulic, pneumatic, or electrical power assists (Note 14).

**This corresponds approximately to an accuracy of ± 1 percent based on total mixing water for typical aggregate moisture levels.

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Dona Hasely 1-6-88

(Note 14: Any weigh-batcher control which does not fully meet the requirements for semi-automatic, semi-automatic interlocked, or automatic weigh-batcher controls is considered manual if it can be operated to meet the requirements of this section.)

(2) Semi-Automatic Control–When actuated by a starting mechanism a semi-automatic weigh-batcher control shall start the weighing operation of the material and stop the flow automatically when the designated weight has been reached. No interlocks are required.

(3) Semi-Automatic Interlocked Control–When actuated by a starting mechanism, a semi-automatic interlocked weigh-batcher control shall start the weighing operation of the material and stop the flow automatically when the designated weight has been reached. It shall be interlocked to assure that the discharge mechanism cannot be opened until the weight is within the tolerance specified in 2.5.

(4) Automatic Control–When actuated by a single starting signal, an automatic weigh-batcher control shall start the weighing operation of cement, aggregate, water, or admixture, and stop the flow automatically when the designated weight has been reached. It shall be interlocked to assure that:

(a) The charging gate or valve cannot be opened until the scale has returned to zero balance within ± 0.3% of the scale capacity;

(b) The charging gate or valve cannot be opened if the discharge mechanism is open;

(c) The discharge mechanism cannot be actuated if the charging gate or valve is open; and

(d) The discharge mechanism cannot be actuated until the weight of material is within the tolerance specified in 2.5.

2.6.1.2 Volumetric Batching Device Controls (This pertains to the controls used for measurement of admixtures in a volumetric admixture dispenser or the measurement of water with a water meter or a volumetric batcher tank.)

(1) Manual Control–Manual volumetric control for water or admixture exists when the volumetric measuring device is actuated manually with the accuracy of the measuring operation being dependent on the operator's visual observation of a volumetric indicator (such as a digital meter display or a sight gage) and his manual cut-off of the flow at the desired volume. The flow of liquid may be controlled by hand or by pneumatic, hydraulic, or electrical power assists (Note 15).

(Note 15: Any volumetric control which does not fully meet the requirements for automatic volumetric controls is considered manual if it can be operated to meet the requirements of this section.)

(2) Automatic Control–When actuated by a single starting signal, an automatic volumetric control shall start the measuring operation and stop the flow automatically when the designated volume has been reached.

2.6.2 *System Requirements*

2.6.2.1 Manual System: A combination of the necessary individual weigh-batchers and volumetric batching devices (if any volumetric measuring of water or admixture is performed at the plant) to proportion concrete properly, the controls of which are all manual with the possible exception of semi-automatic or automatic controls for admixture and/or water.

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2.6.2.2 Partially Automatic System: A combination of the necessary individual weigh-batchers and volumetric batching devices (if any volumetric measuring of water or admixtures is performed at the plant), the controls of which are a combination of manual, semi-automatic, semi-automatic interlocked, and automatic controls not meeting the requirements for semi-automatic or automatic systems below; at least one of the non-manual controls shall be for controlling the batching of cement or aggregates. N

2.6.2.3 Semi-Automatic System: A combination of the necessary individual weigh-batchers and volumetric batching devices (if water or admixture is measured volumetrically), the controls of which are either all semi-automatic interlocked, a combination of semi-automatic interlocked and automatic, or all automatic controls (in accordance with 2.6.1.1(3), 2.6.1.1(4), or 2.6.1.2(2)) but not meeting all the system requirements for the automatic system as given below. N

2.6.2.4 Automatic System: A combination of the necessary individual weigh-batchers and volumetric batching devices (if water or admixture is measured volumetrically in the plant), the controls of which are all automatic (in accordance with 2.6.1.1(4) or 2.6.1.2(2)) and meet the following automatic system requirements: ☑

(a) All batching equipment activated by a single starting mechanism, except that a separate starting mechanism is permitted for volumetric batching of water and/or admixture not batched at the time of weighing the other ingredients.

(b) The discharge of any weighed ingredient in the system may not start unless batching controls for all weigh batchers have been cleared of the previous batch, with scales returning to zero tolerance, and until all weighed ingredients have been weighed within the required tolerances.

(c) Volumetric admixture dispenser controls (if any) interlocked with volumetric water batching controls or the controls of at least one weigh batcher to prevent the discharge of both admixture and the interlocked ingredient(s) unless both the admixture dispenser and the interlocked batching device(s) have been cleared of the previous batch.

2.7 **Recorders:** Devices which provide a permanent record of the quantity of cement, aggregate, or water measured into a particular batch of concrete.

They shall:

		Cem.	Agg.	Water
2.7.1	be properly protected and capable of being locked,	N	N	N
2.7.2	provide for identifying the particular batch with the corresponding delivery ticket,	N	N	N
2.7.3	register empty balance,	N	N	N
2.7.4	register the quantity of ingredient or ingredients batched,	N	N	N
2.7.5	in the case of graphical recorders, register scale readings within ± 2 percent of total scale capacity,	N	N	N
2.7.6	in the case of the photographic or digital recorders, reproduce the scale reading within ± 0.1 percent of scale capacity.	N	N	N

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3. Central Mixer

Definition: A stationary mixer installed at the plant for the purpose of mixing the concrete completely (central mixing) or partially (shrink mixing).

3.1 For Central Mixing Operations, the mixer at the plant shall be:

3.1.1 capable of producing uniform concrete (Note 16) in the mixing time regularly employed at the plant or in the time designated in ASTM Specification C 94-71 for Ready Mixed Concrete (Note 17), whichever is less, when operated with a capacity batch in accordance with the method regularly employed in operation of the plant. N/A

(Note 16: The concrete is considered uniform if samples taken after discharge of approximately 15 percent and 85 percent of the load do not differ more than the following: (1) in slump, 1 inch if the average slump is 4 inches or less, 1½ inches if the average slump is 4 to 6 inches; and (2) in coarse aggregate content, 6 percent by weight of the concrete. Procedures for measuring uniformity of mixed concrete are discussed in References 1, 6 and 7, Section 8, page 18.)

(Note 17: The mixing time designated in C 94-71 is 1 minute for mixers with capacities of 1 cubic yard or less plus 15 seconds for each additional cubic yard or fraction thereof.)

3.1.2 equipped with a timing device that will not permit the batch to be discharged before the predetermined mixing time has elapsed. N

3.2 For Shrink Mixing Operations, the mixer at the plant shall be capable of partially blending the concrete ingredients to reduce their total bulk volume before discharge into a truck mixer. N

4. Ticketing System

Provision on delivery ticket for the following information: Y

4.1 Name of ready-mixed concrete company. Y

4.2 Plant designation where batched if company operates more than one plant. N/A

4.3 Serial number of ticket. Y

4.4 Truck number or designation. Y

4.5 Name of contractor or other purchaser. Y

4.6 Specific designation of job (name and location). Y

4.7 Specific class or designation of concrete identifiable with terminology employed in the job specifications. Y

4.8 Amount of concrete in cubic yards. Y

4.9 Date. Y

4.10 Time when batch was loaded. Y

4.11 Extra water added at the request of the receiver of the concrete and his signature or initials. Y

4.12 Type and name of admixture and amount batched. Y

J.G. Initials

Dona Hardy 1-6-88

LABORATORY REPORT

PLATE NO. 1

PHYSICAL PROPERTIES OF AGGREGATES

Client: Atlandia Design and Furnishings
P.O. Box 280
Pleasantville, New Jersey 08232

Job No. 4145J149
Lab./Invoice No.
Date of Report November 20, 1985
Reviewed By M. Burgoyne E.I.T.

Project Stocks Batch Plant Review (Main Plant)
Location 3336 Cender Lane — Sampled By J.Glagola/WesTec — Date 10/23/85
Type of Aggregate Coarse Aggregate — Submitted By J.Glagola/WesTec — Date 10/23/85
Source of Aggregate Batch Plant Stockpile — Authorized By Mr. J.Bergman/ADF — Date 10/23/85

Sieve Analysis, ASTM C136-84

Sieve Size	% Passing Accumulative	Specification
		ASTM C33
4"		No. 67
3"		
2"		
1 ½"		
1 ⅛"		
1"	100	100
¾"	95	90-100
½"	54	
⅜"	25	20-55
¼"		
No. 4	3	0-10
8	1.2	0-5
10	1.0	
16	0.5	
30	0.3	
40	0.2	
50	0.2	
100	0.2	
Finer than 200 ASTM C117-	0.1	0-3

Test Standards are ASTM unless otherwise noted.

Test		Result	Specification	Test STD
Fineness Modulus				C125-
Dry Rodded Unit Weight, pcf				C29-
Lightweight Pieces, %				C123-
Clay Lumps and Friable Particles				C142-
Organic Impurities				C40-
				C2419-
Resistance to Abrasion	% Wear, rev.			C131-
	% Wear, 500 rev.			Grading
	% Wear, rev.			C535-
	% Wear, 1000 rev.			Grading
Scratch Hardness, % by: Weight / Count				C235-
Fractured Faces, % by: Weight / Count				
Liquid Limit / Plasticity Index				D424-
Cleanness Value				Calif. 227-
Sand Equivalent Value				
Moisture Density Relations	Max. Dry Density, pcf		☐ D698- ☐ D1557- ☐ AASHTO T99- ☐ AASHTO T180-	
	Optimum Moisture, %			
	Method			
Specific Gravity	Absorption, %		☐ C127- ☐ C128-	
	Bulk (Dry)			
	Bulk (SSD)			
	Apparent			

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PLATE NO. 2

LABORATORY REPORT

PHYSICAL PROPERTIES OF AGGREGATES

Client: Atlandia Design and Furnishings
P.O. Box 280
Pleasantville, New Jersey 08232

Job No. 4145J149
Lab./Invoice No.
Date of Report November 20, 1985
Reviewed By M. Burgoyne E.I.T.

Project Stocks Batch Plant Review (Main Plant)
Location 3336 Cinder Lane — Sampled By J. Glagola/WesTec — Date 10/23/85
Type of Aggregate Fine — Submitted By J. Glagola/WesTec — Date 10/23/85
Source of Aggregate Batch Plant Stockpile — Authorized By Mr. J. Bergman/ADF — Date 10/23/85

Sieve Analysis, ASTM C136- 84

Sieve Size	% Passing Accumulative	Specification
		ASTM C33
4"		
3"		
2"		
1½"		
1⅛"		
1"		
¾"		
½"		
⅜"		100
¼"		
No. 4	100	95-100
8	87	80-100
10	81	
16	80	50-85
30	42	25-60
40	34	
50	28	10-30
100	9	2-10
Finer than 200 ASTM C117-	4.1	0-5

Test Standards are ASTM unless otherwise noted.

Test		Result	Specification	Test STD
Fineness Modulus		2.56	2.3 - 3.1	C125- 82
Dry Rodded Unit Weight, pcf				C29-
Lightweight Pieces, %				C123-
Clay Lumps and Friable Particles				C142-
Organic Impurities				C40-
				C2419-
Resistance to Abrasion	% Wear, rev.			C131- Grading
	% Wear, 500 rev.			
	% Wear, rev.			C535- Grading
	% Wear, 1000 rev.			
Scratch Hardness, % by: Weight / Count				C235-
Fractured Faces, % by: Weight / Count				
Liquid Limit / Plasticity Index				D424-
Cleanness Value				Calif. 227-
Sand Equivalent Value				
Moisture Density Relations	Max. Dry Density, pcf			☐ D698- ☐ D1557- ☐ AASHTO T99- ☐ AASHTO T180-
	Optimum Moisture, %			
	Method			
Specific Gravity	Absorption, %			☐ C127- ☐ C128-
	Bulk (Dry)			
	Bulk (SSD)			
	Apparent			

Copies to:

Donna Stacks 1-6-88

PLATE NO. 3

CERTIFICATION
VICTOR PORTLAND CEMENT

Date September 10, 1985

We hereby certify that Victor Brand Type 1/11 Cement shipped to Stocks Ready Mix, Las Vegas, Nevada, during the month of August, 1985, came from stock of the following chemical and physical properties:

contains _____ tons of VICTOR PORTLAND CEMENT which we guarantee to meet or exceed the following described specifications:

ASTM C-150-84 Specification for Portland Cement Type 1/11

Bin Number: _____

Silicon Dioxide, SiO_2	21.4 %	Fineness (Blaine)	
Aluminum Oxide, Al_2O_3	4.2 %		
Ferric Oxide, Fe_2O_3	2.9 %	Sq. cm. per gram	4120
Calcium Oxide, CaO	62.7 %		
Magnesium Oxide, MgO	4.3 %	Soundness:	
Sulphur Trioxide, SO_3	2.6 %		
Loss on Ignition	1.2 %	Autoclave, Percent Expansion	0.18
4 CaO. Al_2O_3. Fe_2O_3	9 %	Time of Setting:	
3 CaO. Al_2O_3	6 %		
2 CaO. SiO_2	22 %	Vicat, Hours and Minutes	1:30
3 CaO. SiO_2	52 %		
Alkalies, Comb. as Na_2O	0.50 %		

Compressive Strength, Pounds per Square Inch

1 Day	3 Days	7 Days	28 Days
	3500	4530	

LOS ANGELES OFFICE
3055 Whilshire Blvd.
Los Angeles, Calif. 90010

FORM 28 S. L. P. CO. J 10267

Chief Chemist Juan Martinez, Jr.
SOUTHWESTERN PORTLAND CEMENT CO., VICTORVILLE PLANT

By: Michael Einerstadmon Assistant Chief Chemist

Dona Hasley 1-6-88

PLATE NO. 4

CERTIFICATION
VICTOR PORTLAND CEMENT

Date September 10, 1985

We hereby certify that Victor Brnad Type V Cement shipped to Stocks Ready Mix, Las Vegas, Nevada, during the month of August, 1985, came from stock of the following chemical and physical properties:

contains _____ tons VICTOR PORTLAND CEMENT which we guarantee to meet or exceed the following described specifications:

ASTM C-150-84 Specification for Portland Cement Type V

Bin Number: _____

Silicon Dioxide, SiO_2	23.4 %
Aluminum Oxide, Al_2O_3	3.5 %
Ferric Oxide, Fe_2O_3	3.2 %
Calcium Oxide, CaO	63.3 %
Magnesium Oxide, MgO	2.8 %
Sulphur Trioxide, SO_3	1.9 %
Loss on Ignition	1.4 %
4 CaO. Al_2O_3. Fe_2O_3	10 %
3 CaO. Al_2O_3	3.9 %
2 CaO. SiO_2	32 %
3 CaO. SiO_2	47 %
Alkalies, Comb. as Na_2O	0.46 %

Fineness (Blaine):

Sq. cm. per gram 4200

Soundness:

Autoclave, Percent Expansion . . . 0.05

Time of Setting:

Vicat, Hours and Minutes 1:55

Compressive Strength, Pounds per Square Inch

1 Day	3 Days	7 Days	28 Days
	2780	3820	

LOS ANGELES OFFICE
3055 Whilshire Blvd.
Los Angeles, Calif. 90010

FORM 38 S. L. P. CO. J 10257

Chief Chemist Juan Martinez, Jr.
SOUTHWESTERN PORTLAND CEMENT CO., VICTORVILLE PLANT

By: Michael Contestabile Assistant Chief Chemist

Dona Sheely 1-6-88

PLATE NO. 5

OBSERVED BATCHING OF
MIX DESIGN CM-1168

Component	Average Observed Batch Wt./ Cu.Yd. (1)	CM-1168 Design/ Cu.Yd.	Standard Deviation, lb.	Actual Tolerance, %	Allowable Tolerance, % (2)
Coarse Aggregate	1930	1950	5.8	1.0	± 1.0
Fine Aggregate	1391	1400	11.5	0.6	± 1.0
Cement	516	517	0.6	0.2	± 1.0
Water	302 (4)	285	4.4	6.0	--
Admixture (3)	2 oz/yd	--	--	--	--

NOTES:

1. Batch weights observed by Western Technologies. Average based on the observation of three 10 cu. yd. batches. Batch weights reported herein corrected to S.S.D. based on moisture content determined by Western Technologies.

2. Allowable tolerances from ASTM C-94.

3. Admixture used Pump Ease which differs from mix design admixtures.

4. Increased water demand to produce required slump.

Dora Hardy 1-6-88

PLATE NO. 6

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

46031

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J149
Lab./Invoice No. Set 54
Date of Report 11-01-85
Reviewed By M. Burgoyne, E.I.T.

Project: Golden Nugget New Parking Structure
Location: First Street & Bridger, Las Vegas, Nevada
Contractor: Sierra Construction — Architect/Engineer: Martin & Associates
Source of Sample: Slab On Grade, Lines 14 to 21, From A To 25' E. Of A
Concrete Supplier: Stocks Mill & Supply — Measured Slump, in.: 5
Ticket Number: 44471 — Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10 — Concrete Temperature, °F: 68
Mix Identification: CM 1168 — Ambient Air Temperature, °F: 64
Design Strength, psi: 2500 / 28 days — Plastic Unit Weight, pcf: Not Measured
Max. Size Aggregate, in.: 3/4 — No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 20 min. — Sampled By: D. Yarbrough/WesTech Date: 10-23-85
Water Added on Job, gal.: 18 — Submitted By: D. Yarbrough/WesTech Date: 10-24-85
Test Procedure: ASTM C39-83b — Authorized By: D. Rao/SC Date: 10-23-85

Remarks: Same Mix Design Used For Footing And Grade Beam B Line @ Col. 20

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
54A	10-30-85	7	114000	4030			SN
54B	11-20-85	28					
54C	11-20-85	Hold					

Copies to: Client (1)
Atlandia Design, Attn: Mr. Joel Bergman A.I.A., Vice President Development (1)
Sierra Construction, Attn: Mr. Gus Rapone (1)
Martin & Associates, Attn: Mr. Roger Peltyn (1)
City of Las Vegas, Quality Control Division, Attn: Mr. Bob Anderson (1)

hms.

Dona Hanley 3-6-88

8407.9

FIELD VISIT REPORT

Joel D. Bergman, AIA Architect
P.O. Box 280, Pleasantville, N.J. 08232 (609) 646-0177

Date: 3/11/86

Project: Golden Nugget Tower, Las Vegas 8407.9

Present: Eric Jasiukaitis
Bob Spinelli
Bud Ford
Mike Schollian
Bill Koerwitz

Distribution: Sierra Construction Foundation
Joel Bergman, Atlandia East
Joel Bergman, Atlandia West
Brad Friedmutter
ADF Files

The following items require the indicated remedial action:

Item 1. Column A.5-31 located approximately 2½" eccentric on base plate.
Remedial Action: Footing O.K. as installed. See enclosed Clarification Drawing S-28 for column base plate repair.

Item 2. Cracks in ground floor concrete shear walls above openings in walls.
Remedial Action: None. Cracks are shrinkage and do not affect the structural integrity of the wall.

Item 3. Column vertical rebar hooks placed too low in third floor beams at exterior columns.
Remedial Action: See Clarification Sketch S-27R previously issued on 3/11/86.

Item 4. Column vertical rebar hooks placed too low in third floor beams at interior columns.
Remedial Action: Provide adobe at soffit of slab form and top of beam form intersection to provide 3/4" minimum clearance for column bars. Cut or hickey bars down that may protrude out of top of slab.

Item 5. Dowels thru concrete columns for horizontal reinforcement in infill masonry walls not provided.
Remedial Action: None. Walls are designed to span vertically.

Item 6. Column M.6-32 bracket at Galleria Roof Level has beam shims welded together and to bracket.
Remedial Action: Remove work as required and reconstruct as per details 10H and 1K on S520.

Item 7. Column M.6-32 base plate has anchor bolt holes slotted and a new 3/4" plate placed on top of base plate and welded all around.
Remedial Action: None. Contractor has adequately provided a structural replacement for slotted holes.

Item 8. Cleanouts for high-lift grouting in masonry walls.
Remedial Action: In our opinion, cleanouts should be provided in all transverse 8" load bearing party walls from 3rd floor up.

Prepared by: Eric Jasiukaitis **Discipline:** Structural

PLN-1002/7/81

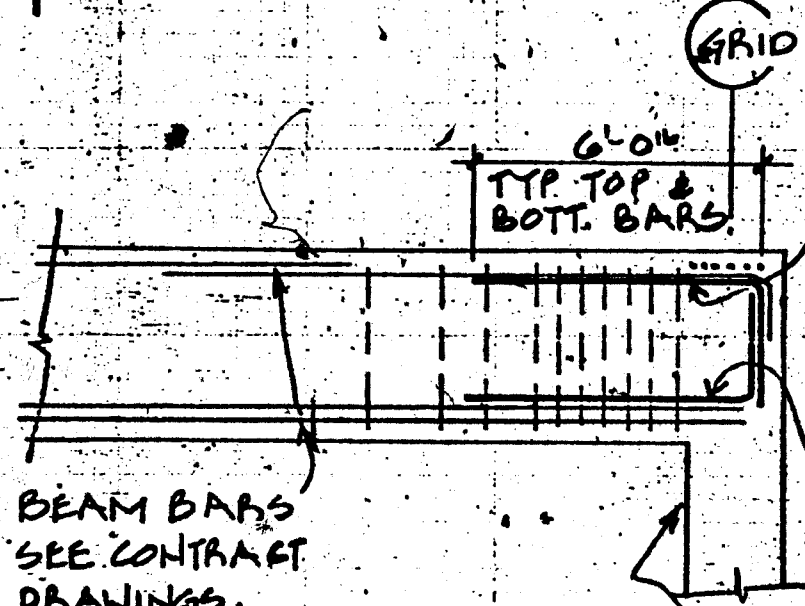
Dick Healy 1-6-88

MARTIN & associates — MARTIN & ASSOCIATES ◻ STRUCTURAL ENGINEERS

15x8

CLARIFICATION DRAWING

NOTE: PROVIDE ADDITIONAL 3-#8 TOP BARS ONLY WHERE 4" MAXIMUM CLEARANCE DIMENSION FROM TOP OF 3RD FLOOR SLAB TO 90° COLUMN BAR HOOK IS EXCEEDED. SEE DETAIL 10E/S507



3RD FLOOR.
ADD 3-#8 TOP
@ LINE B, 1 TO 2Ø
LINE E, 21 TO 30
LINE F, 1 TO 12
LINE K, 13 TO 30
ADD 3-#8 BOTTOM
@ LINE B; 1 & 3
LINE E, 29 & 30
LINE F, 1 & 3
LINE K 29 & 30.

27

Project: GRLV TOWER ADF #840798	Title: REVISED PARTIAL DETAIL 1K/3517		Clarif. No. S-27R
Distribution	Requested by: Date: 3-11-86	Approved by: Date:	

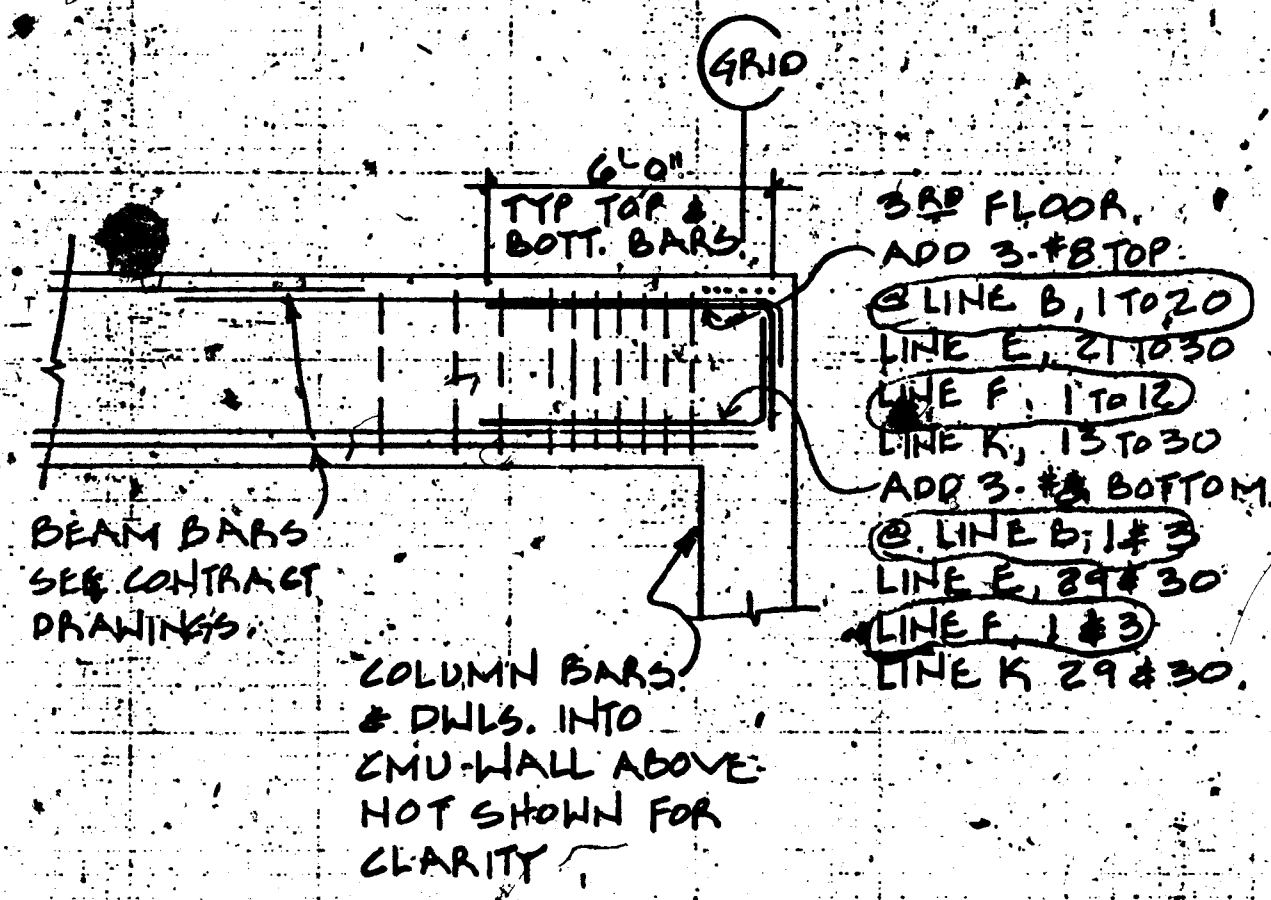
1001 Rancho Drive So. Las Vegas, Nevada (702) 385-6300

Dona [illegible] 1-6-88

MARTIN & associates

MARTIN & ASSOCIATES ◻ STRUCTURAL ENGINEERS

CLARIFICATION DRAWING



Project	Title	Clarif. No.
LV TOWER ADF #84079B	REVISED PARTIAL DETAIL IK/S517	S-27
Distribution	Requested by: Date: 3-11-86	Approved by: Date:

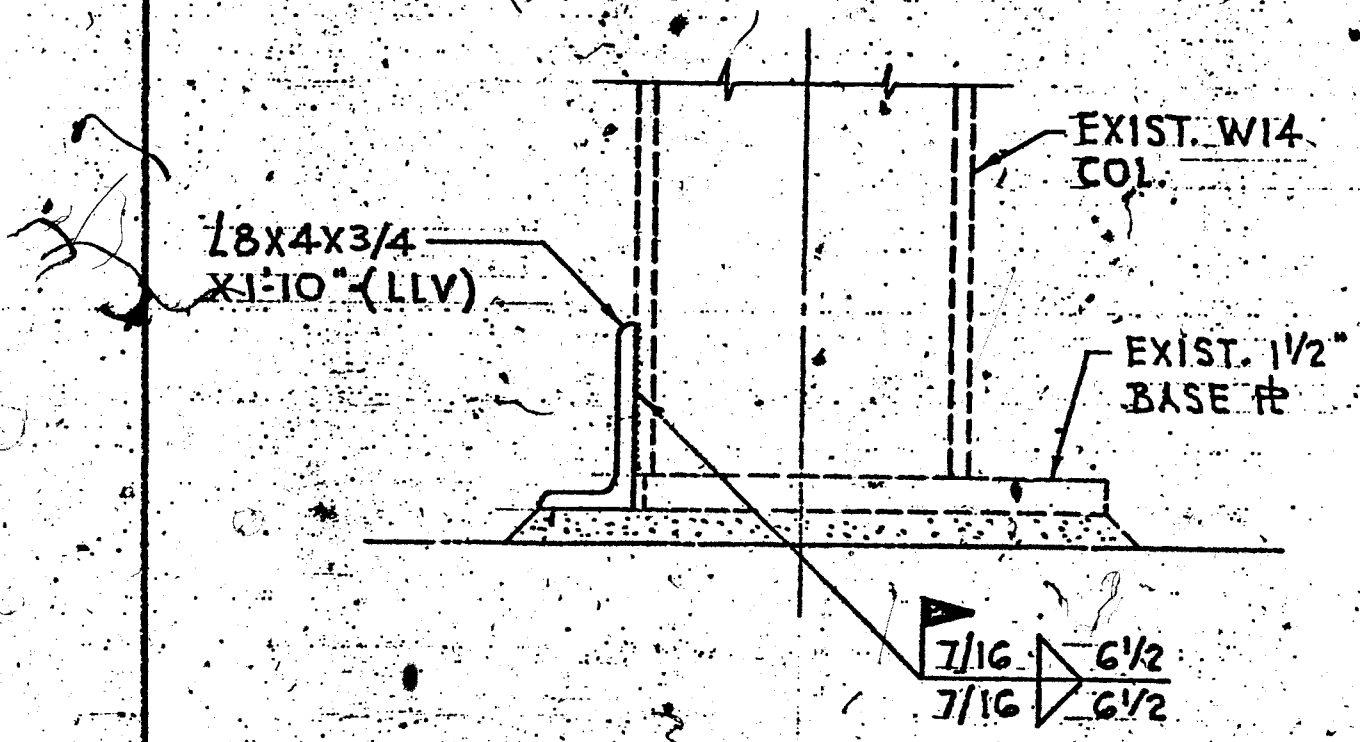
1001 Rancho Drive So. Las Vegas, Nevada (702) 386-8300

Done Handy 1-6-88

MARTIN & associates

MARTIN & ASSOCIATES ◻ STRUCTURAL ENGINEERS

CLARIFICATION DRAWING



REVISED COL. BASE PL @ COL. A.5-31

SCALE 1½" = 1'-0"

Project	Title	Clarif. No.
GNLV-TOWER ADF NO. 84079 B	REVISED COL. BASE PL @ COL. A.5-31	5
Distribution	Requested by: Date: 3-12-86 / Approved by: Date:	28

1001 Rancho Drive So., Las Vegas, Nevada (702) 383-5300

Dona Hasely 1-6-88

This work should be Controlled by Western Technologies Inc as they are on the Job on an everyday basis to control Concrete

MARTIN & PELTYN

John A. Martin, S.E.
John A. Martin, Jr., S.E.
Roger M. Peltyn, P.E.

Eric Jasiukaitis, S.E.
Ronald R. Bennett, P.E.

May 14, 1986

Atlandia Design & Furnishings
Golden Nugget
129 E. Fremont, Room 115
Las Vegas, Nevada 89101

Attention: Mr. Brad Friedmutter

Re: GNLV Tower & Future Tower
ADF#84079C & 86031

Gentlemen:

The following criteria shall be established for the placement of all concrete for the above-mentioned project.

1. All light-weight concrete shall be placed having a slump at point of placement in the forms of 5" ± 1" maximum.

2. All hard-rock concrete for elevator core walls shall be placed having a slump at point of placement in the forms of 6" ± 1" maximum. Note: Marty Sibella of Sierra Construction has stated that he will use all methods possible to limit the slump to 6" maximum.

3. If a concrete truck comes to the site with concrete exceeding the maximum slump allowed, the contractor shall be permitted to bring the slump to within allowable limits before the truck is rejected. No concrete shall be placed in the forms until this is accomplished.

Dona Healy 1-6-88

4. The testing laboratory inspectors and/or the city inspectors shall have the authority to reject any concrete after all good judgement is exercised by all concerned in determining the actual conditions.

If you have any further questions on the above, please feel free to contact us.

Yours truly,
MARTIN, PELTYN & ASSOCIATES

Roger M. Peltyn
Vice President

Job #1518/1605

cc. Joel Bergman - Atlandia East
Bob Spinelli - Atlandia West
Sierra Construction

RMP/ct

MARTIN, PELTYN
& ASSOCIATES
Structural Engineers
Las Vegas, NV 89106

Dona Hoesly 1-6-88

MARTIN & PELTYN

John A. Martin, S.E.
John A. Martin, Jr., S.E.
Roger M. Peltyn, P.E.

Eric Jyrkkalajo, S.E.
Ronald R. Benner, P.E.

May 15, 1986

Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, Nevada 89101
c/o GOLDEN NUGGET

Attention: Mr. Brad Friedmutter

Re: GNLV - Tower
ADF #84079C
ADF #86031

Gentlemen:

In Section 04200, paragraph 3.10 "Mortar Bedding for Hollow Masonry Units", delete the section in its entirety and replace it as follows:

a. Up to the 12th floor lay with full mortar coverage on horizontal and vertical face shells. Above the 12th floor, lay with full mortar coverage on all head and bed joints for a distance in from the face of the unit not less than the thickness of the shell.

b. Webs shall also be bedded in all courses of piers, columns, and pilasters; in the starting course on footings and solid foundation walls; and where adjacent to cells or cavities to be reinforced.

If we can be of further assistance in this or any other consulting matter, please do not hesitate to call.

Yours truly,
MARTIN, PELTYN & ASSOCIATES, INC.

Roger M. Peltyn
Vice-President

RMP:cp

JOB #1518

cc: Mr. Joel Bergman - Atlandia West
Mr. Joel Bergman - Atlandia East
Mr. Bob Spinelli - Atlandia West
Mr. Gus Rapone - Sierra Construction

Dona Hasely 1-6-88

FIELD VISIT REPORT

Joel D. Bergman, AIA Architect
P.O. Box 280, Pleasantville, N.J. 08232 (609) 646-0177

PAGE 1 OF 3

Date: 5-28-86

Project: GNLU TOWER 84079B

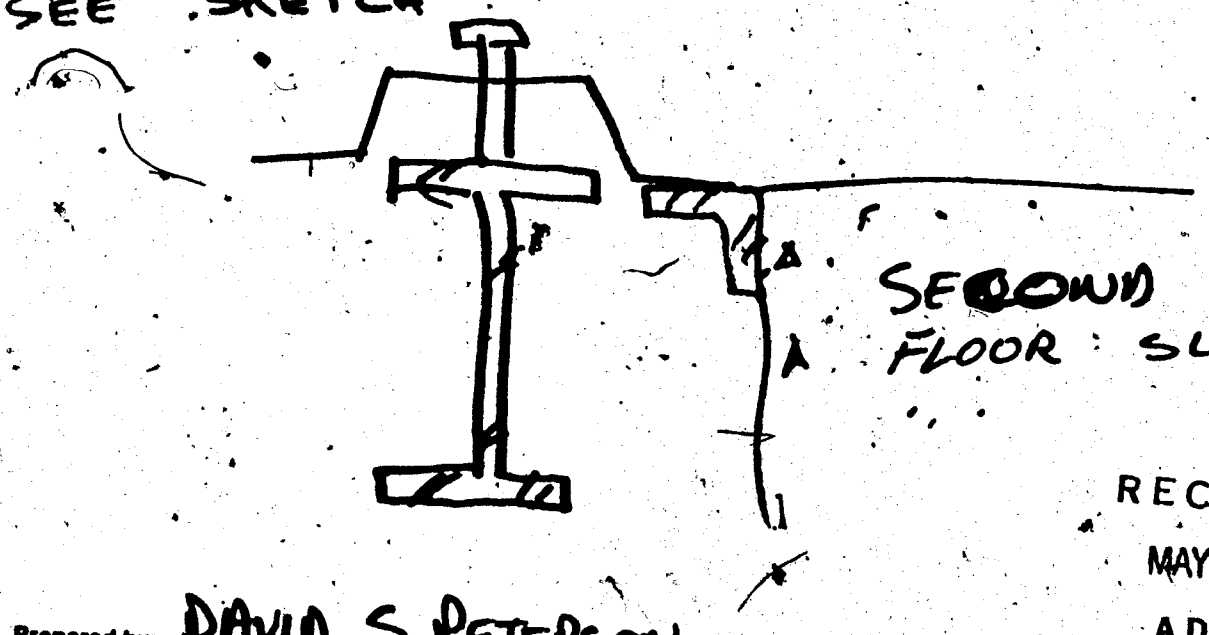
Present: DAVID PETERSON, BUD FORD
JOHN AUSTIN, MARTI SIBELLA

Distribution: SIERRA CONSTRUCTION FOR ACTION
BUD FORD
BOB SPINELLI
Charlie Wong
ADF-File

The following items require the indicated remedial action:

At the second FLOOR framing, Grid K between lines 28 & 30, The metal deck does not bear on both W14x22 beams. The plans show these beams to be composite beams with 10 studs each. At present the 8 studs were installed by cutting a 2"x2" hole in the deck. The deck is being intermittantly supported by field installed angles

SEE SKETCH



RECEIVED
MAY 28 1986
ADF-WEST

Prepared by: DAVID S. PETERSON Discipline: STRUCTURAL

PLN-1002/7/81

Dona Hasely 1-6-88

FIELD VISIT REPORT

2 OF 3

Joel D. Bergman, AIA Architect
P.O. Box 280, Pleasantville, N.J. 08232 (609) 646-0177

Date: **Distribution:**

Project:

Present: SAME AS PREVIOUS

The following items require the indicated remedial action:

UPON INVESTIGATION w/ Charles Wong at [redacted] John A. Martin & Associates in Los Angeles. It was determined the W14 beam between 29 & 30 was not needed since changes in the stair location in the immediate area had removed any members framing into it. Therefore no action is required on this beam.

The primary function of the adjacent beam is to pick up [redacted] another W14x22 beam. The deck is parallel to both beams

Action Required: Cut deck as shown to allow concrete placement around stud.

Prepared by: DAVID S. PETERSON Discipline: STRUCTURAL

PLN-1002/7/81

Dona Haisley 1-6-88

FIELD VISIT REPORT

3 OF 3

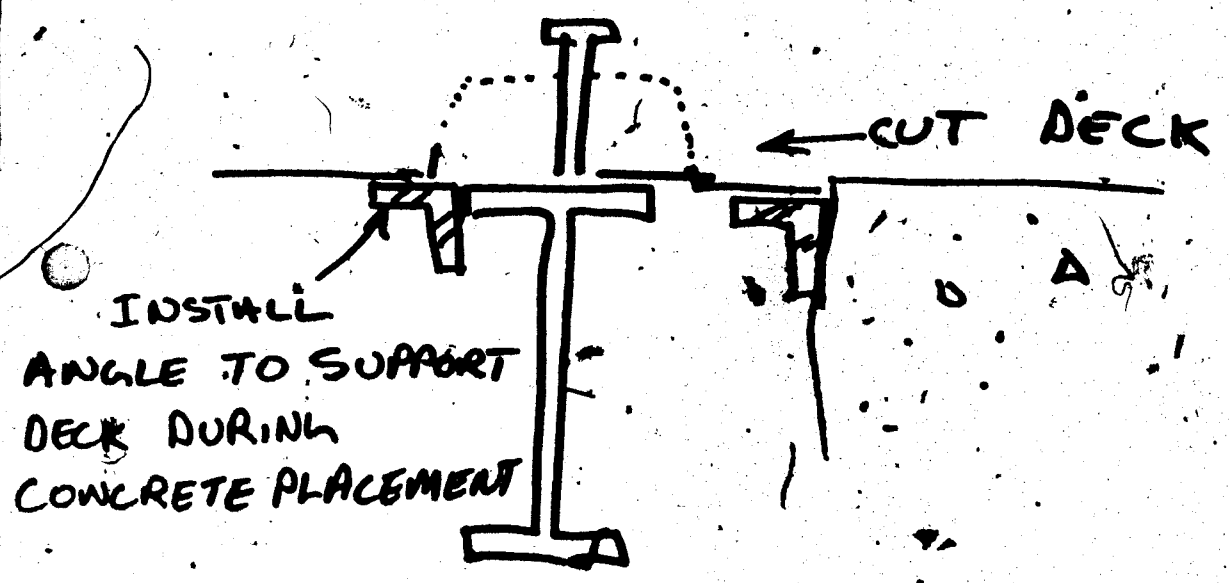
Joel D. Bergman, AIA Architect
P.O. Box 280, Pleasantville, N.J. 08232 (609) 646-0177

Date: Distribution:

Project:

Present: SAME AS PREVIOUS

The following items require the indicated remedial action:



IN ADDITION THE STUDS REQUIRED ON THE [redacted] BEAM AT LINE 28.5 B[redacted]N BETWEEN K & M.1 WERE NOT INSTALLED AND ARE NEEDED

Prepared by: DAVID S. PETERS Discipline: STRUCTURAL

PLN-1002/7/81

Dona Hailey 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 10-29-86
Reviewed By

Project Golden Nugget Tower

Location 1st & Bridger

Contractor Sierra Construction Architect/Engineer

Source of Sample Tower Bridges 20th & 21st Floors

Material Supplier Stocks Ready Mix Measured Slump, in. 5

Ticket Number 10935 Measure Air Content, % Not Measured

Batch Size, cu. yds. 12 Ambient Air Temperature, °F 70

Mix Identification CM2229 No. of Specimens Molded 3

Design Strength, psi 3000 / 28 days Size of Specimens 6 x 12

Max. Size Aggregate, in. 3/4 Sampled By K. Singh Date 10-29-86

Time in Mixer hrs. 50 min. Submitted By K. Singh Date 10-30-86

Water Added on Job, gal. Authorized By Date

Test Procedure ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
565A	11-05-86	7	65000	2290		114.8	PP
565B	11-26-86	28	114500	4050		111.1	RO
565C		Hold	Discard				RO

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 10-24-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 21st Story Roof Top Out, Lines R-Z, From 2-9
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 10747
Measure Air Content, % Not Measured
Batch Size, cu. yds. 12
Ambient Air Temperature, °F 70
Mix Identification CM2239
No. of Specimens Molded 3
Design Strength, psi 4000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 10-24-86
Time in Mixer hrs. min.
Submitted By K. Singh Date 10-25-86
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
563A	10-31-86	7	106500	3760		118.8	PP ✓
563B	11-21-86	28	152000	5370		114.5	PP
563C		Hold	Discard				PP

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hasely 1-6-88

Stu Cornelius

CITY of LAS VEGAS, DIVISION of BUILDING and SAFETY

INFORMATION INSPECTION RECORD

JOB Golden Nugget - Towers 3 & 4

ADDRESS 129 E. Fremont St.

DATE November 7 1986

INSPECTOR Roger B. Ford

TYPE OF INSPECTION Transmittal - Inspection Records

ACTION REQUIRED

Transmitted to Stu. Cornelius this date: November 7, 1986

Please find Books I, II, III of Inspection Records for Golden Nugget Towers 3 and 4

REMARKS/INFORMATION

Roger B. Ford

SIGNATURE

Dona Hasely 1-6-88

DEPARTMENT OF BUILDING AND SAFETY
City of Las Vegas, Nevada

SPECIAL INSPECTOR'S REPORT
Date: 11-3-86 (Monday)
Job: Golden Nugget

WEATHER CONDITIONS: Clear Day - (Intermittent Clouds) Overcast

Temperature: 8 A.M. - 12:00 Noon 4 P.M.

Wind Velocity (estimated) ground level upper level ( )
Specify Elevation

W.T.I.
TESTS MADE TODAY:
* Jim Lovett

WORK PERFORMED TODAY: Steel Inspection Personnel Working Fillins for Low Roof Areas. 2nd & 3rd Floors.

REMARKS: * Checked (8) Full Pen Welds, Bolt Torquing - Said all O.K.

1 OF 1 Roger B. Tolo

Dina Healy 1-6-88

DEPARTMENT OF BUILDING AND SAFETY
City of Las Vegas, Nevada

SPECIAL INSPECTOR'S REPORT
Date: 11-4-86 (Tuesday)
Job: Golden Nugget

WEATHER CONDITIONS: Clear Day (Intermittent Clouds) Overcast

Temperature: 8 A.M. 12:00 Noon 4 P.M.

Wind Velocity (estimated) ground level upper level ( )
Specify Elevation

W.T.I.

TESTS MADE TODAY:
*Jim Lovett

WORK PERFORMED TODAY: Steel Inc. personnel working fillers for Low Roof Areas + 2nd and 3rd F loors.

REMARKS: *Jim Lovett - W.T.I. on Job site today Checking Low Roof Areas 2nd & 3rd Floors

1 OF 1 Roger B. Ford

Done Daily 1-6-88

DEPARTMENT OF BUILDING AND SAFETY
City of Las Vegas, Nevada

SPECIAL INSPECTOR'S REPORT
Date: 11-2-88 (Wednesday)
Job: Golden Nugget

WEATHER CONDITIONS: Clear Day Intermittent Clouds Overcast

Temperature: 8 A.M. 12:00 Noon 4 P.M.

Wind Velocity (estimated) ground level upper level ( )
Specify Elevation

W.T.I.

TESTS MADE TODAY:
*Jim Lovett

WORK PERFORMED TODAY: Steel Inc. Working fill ins - 2nd & 3rd Floors - Low Roof Areas.

REMARKS: * Jim Lovett on Job today - checking welds for angles - Crosswalks also, checking Welding of metal Decking and Button Punching for 2nd & 3rd F/Floors fillins. Did everything is O.K.

1 OF 1

Roger B. Ford

Dona Sheskey 4-6-87

DEPARTMENT OF BUILDING AND SAFETY
City of Las Vegas, Nevada

SPECIAL INSPECTOR'S REPORT
Date: 11-6-86 (Thursday)
Job: Golden Nugget W-1-10-D

WEATHER CONDITIONS: Clear Day (Intermittent Clouds) Overcast

Temperature: 8 A.M. 12:00 Noon 4 P.M.

Wind Velocity (estimated) ground level upper level ( )
Specify Elevation

W. T. I.
TESTS MADE TODAY: 20 Cylinders

WORK PERFORMED TODAY: Concrete Pour approx 130 yds for 2nd & 3rd Floor (fillins) Low Roof-Lines 11.2-12.7 R.R.S.

REMARKS: Distributed (3) Correction Notices (See Book III) to proper personnel. Hope to get written answers before I leave. Tomorrow will be my last day on this job.

1 OF 1 Roger B. Ford

Dona Healy 1-6-82

Stu
Check these out for 28 day Strengths.

DEPARTMENT OF BUILDING AND SA
City of Las Vegas, Nevada

REPORT
FFriday)
Nugget

WEATHER CONDITIONS: Clear

Temperature: 8 A.M.

Wind Velocity (estimated)

TESTS MADE TODAY:

WORK PERFORMED TODAY:

Stu: I have heard there is going to be an enclosure built on the new garage roof. If so, check it out because it will probably be Structural Steel and will involve a lot of welding. It will probably be built around the cooling. Also,
The Masonry Test papers I gave you today - Put them in the masonry book. Karl Nieschalk gave your Particular attention to Grute Concrete: check to see if 28 Day tests come up to specified strength

REMARKS:

1 OF 1 Roger B. Ford

This is my Last day on this Job

Dona Haeltz 1-6-88

SIERRA CONSTRUCTION CORP.

5255 SOUTH VALLEY VIEW BLVD. (89118) AREA CODE 702-739-1991 LAS VEGAS, NEVADA POST OFFICE BOX 14306 (89114)

PROJECT GNLV - New Tower

FILE 250.375/A19/S-3

TO Bill Daley Masonry, Inc.
3790 Paradise Road, Suite 150
Las Vegas, Nevada 89109

DATE May 8, 1986

ATTN:

SUBMITTAL NO.
(IN REPLY PLEASE REFER TO SUBMITTAL NO.)

WE ARE TRANSMITTING HEREWITH FOR YOUR

( ) APPROVAL (XX) FILE ( ) ACTION ( ) SELECTION ( ) REFERENCE

ITEM	COPIES	DESCRIPTION
1.	1	Your Submittal on Cind-R-Lite 1350 psi 2500 psi, 3500 psi and 4400 psi Block, APPROVED as Noted.
2.	1	Your Submittal on Genstar Lime for Mortar Mix, APPROVED as Noted.

REMARKS OR SPECIAL NOTES -

SENT BY -
FIRST CLASS MAIL (XX
EXPRESS MAIL ( )
SPECIAL DELIVERY ( )
UNITED PARCEL SERVICE ( )
FEDERAL EXPRESS ( )
AIRLINE SERVICE ( )
GREYHOUND BUS ( )
UNDER SEPARATE COVER ( )
PICKED UP ( )
HAND CARRIED ( )
JWK:gjc

r/kr

VERY TRULY YOURS,

SIERRA CONSTRUCTION CORP.

Jerry Koerwitz

cc: Marty Sibella, SCC-FO*
Bill Koerwitz*
City Inspector*

*W/Copy

Dona Hasely 1-6-88

CINDRLITE CO.

BUILDING MATERIAL PRODUCTS

3333 CINDER LANE
PHONE 876-1775 876-1776
LAS VEGAS, NEVADA 89103

March 4, 1986

Sierra Construction
5255 So. Valley View Blvd.
Las Vegas, Nevada 89118

Re: Job - Golden Nugget (Tower)
Masonry Contractor - Bill Daley Masonry

Gentlemen:

All Cind-R-Lite Structural Blocks meet the requirements of

A S T M C-90. Load Bearing Grade N1.

Sincerely,

E. L. Selman
Vice President

ELS:lc

cc

GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design concept of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Product Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and Civil Authority requirements must be met.

☒ APPROVED AS NOTED — RESUBMISSION NOT REQUIRED
☐ NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT
☐ REJECTED — DO NOT RESUBMIT

BY CW DISCIPLINE STRUCT

DATE 3/6/86

JOHN A. MARTIN & ASSOCIATES
1888 WILSHIRE BLVD., LOS ANGELES, CA 90057

RECEIVED
APR 03 1986
SIERRA
CONSTRUCTION CORP.
GENERAL CONTRACTORS

RECEIVED
MAR 04 1986
SIERRA
CONSTRUCTION CORP.
GENERAL CONTRACTORS

250.375/A20S/S3
CSI NO. 4.10

Dona Healy 1-6-88

GN LV - Tower
Specification
Section 4200 2.2b
Mortar Material

GENSTAR

Genstar Lime Company
901 Mariner's Island Blvd
Suite 425
San Mateo, CA 94404
Telephone 415-571-5463

[illegible]-R-Lite
[illegible]3 Cinder Lane
[illegible] Vegas, Nevada 89103
[illegible]: Ernie

JOB: Golden Nugget (Tower)

CONTRACTOR: Sierra Construction

MASONRY: [illegible]l Daley Masonry

We are pleased to certify that our Genstar Type S Hydrated Lime will meet the following specifications:

Federal Specification SS-L-351b - Lime; Hydrated for Structural Purposes. Type F (Finish Lime), Type M (Masons Lime).

A.S.T.M. Desingation: C-206-79 Type S (Special Hydrated Lime for Finishing Purposes), Type N ((Normal Hydrated Lime for Finishing Purposes). C-207-79 Type S (Special Hydrated Lime for Masonry Purposes), Type N (Normal Hydrated Lime for Masonry Purposes), Type N (Normal Hydrated Lime for Masonry Purposes).

When using Genstar Type S Hydrated Lime, requirements goverain slaking, soaking or aging are rescinded, inasmuch as Genstar Type S hydrated Lime requires no slaking, soaking or aging, but may be used immediately in accordance with the recommendations of the manufacturer.

Very truly yours,

GENSTAR LIME COMPANY

Jeff McGinn
Sales Manager
Building and Construction Sales

Dona Haeslig 1-6-88

ETEC TESTING LABORATORIES, INC.
3365 Wynn Rd., Suite H • Las Vegas, NV 89102
(702) 367-0100

LABORATORY REPORT

GNLV Tower
fm 3500 psi

CONCRETE MASONRY UNITS

Cind-R-Lite Company
3333 Cinder Lane
Las Vegas, NV 89103

Job No. 630017-6
Lab./Invoice No. 1274
Date of Report 1/31/86
Date of Test 1/28/86

Quality Control - (Whitish Blocks) High Strength Blocks
Las Vegas, Nevada
Units 2 Cells Hollow - Standard Grade High Strength Size 8x8x16" Aggregate Cinder
of Units Cind-R-Lite Sampled By Cind-R-Lite Date —
Capping Compound Sulfur Mortar Submitted By Cind-R-Lite Date 1/28/86
Procedure ASTM C140- Authorized By E. Selman/CRL Date 1/28/86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in. Width	Height	Length	Bulk Unit wt., pcf	Volume, cu. ft. Gross	Net	Absorption pcf	Moisture Content % Tot. Absorp.
	7-5/8	7-19/32	15-5/8	122.6	0.524	0.280	9.8	42.2
	7-5/8	7-19/32	15-5/8	122.8	0.524	0.284	9.8	42.1
	7-5/8	7-9/16	15-5/8	121.3	0.521	0.276	9.9	44.8
Average	7-5/8	7-19/32	15-5/8	122.2	0.523	0.280	9.8	43.0

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in. 1.336 Equivalent Web Thickness, Min. in./linear ft. 2.882
Web Thickness, Min. in. 1.132 Maximum Variation in Dimensions, +- in. 1/24

COMPRESSION STRENGTH

Specimen Marking	Dimensions, in. Width	Height	Length	Gross Area sq. in.	Net Area %	Ultimate Load lbs.	Compressive Strength, psi Gross	Net
H-1	7-5/8	7-5/8	15-5/8	119.1	53.5	293400	2460	4600
H-2	7-5/8	7-5/8	15-5/8	119.1	53.5	265000	2230	4170
H-3	7-5/8	7-5/8	15-5/8	119.1	53.5	289200	2430	4440
Average							2380	4440

Reviewed By: Kulwant S. Sahi
Kulwant S. Sahi, P.E.

Dona Hoesly 1-6-88

GNLV Tower
4400 psi blocks

ETEC TESTING LABORATORIES, INC.

3365 Wynn Rd. Suite H • Las Vegas, NV 89102
(702) 367-0100

DRYING SHRINKAGE OF CONCRETE MASONRY UNITS

Client: Cind-R-Lite Company
3333 Cinder Lane
Las Vegas, NV 89103

Job No. 630017-6
Lab/Invoice No. Feb/Monthly
Date of Report 2/24/86

Project: QUALITY CONTROL - (Standard, Whitish Blocks) HIGH STRENGTH
Location: Las Vegas, Nevada
Source of Specimens: Cind-R-Lite Type: 2CellsHollow Size: 8x8x16" Age: N/A
Grade: N/A Aggregate Kind/Size: Cinder Portland Cement Type/Brand: N/A
Condition of Curing/Drying Prior to Test: N/A Sampled By: Cind-R-Lite Date: ---
Method of Producing Units: N/A Submitted By: Cind-R-Lite Date: 1/28/86
Test Procedure: ASTM C426- Authorized By: E. Selman/CRL Date: 1/28/86

WEIGHT OF TEST SPECIMENS, GMS

Specimen Marking	As Rec'd	Saturated	Total Drying Period, Days 5	7	9	11	13	15	17	19
B-7	15725	16390	15420	15380	15370	15360	15345	15334	15327	15325
B-8	16570	17285	16285	16208	16192	16180	16147	16145	16142	16142
B-9	15745	16480	15450	15410	15400	15400	15385	15385	15380	15380
Average	16013	16718	15718	15666	15654	15647	15621	15620	15616	15616

TOTAL LINEAR DRYING SHRINKAGE, PERCENT

Specimen Marking	Total Drying Period, Days 5	7	9	11	13	15	17	19
B-7	0.032	0.040	0.042	0.043	0.046	0.047	0.048	0.048
B-8	0.036	0.038	0.040	0.042	0.043	0.044	0.045	0.045
B-9	0.030	0.034	0.036	0.039	0.040	0.042	0.043	0.043
Average	0.033	0.037	0.039	0.041	0.043	0.044	0.045	0.045

Linear Drying Shrinkage = 0.045 Percent

Copies to Client (2)

Respectfully submitted,
ETEC TESTING LABORATORIES, INC.
By: Kulwant S. Sahi
Kulwant S. Sahi, P.E.

Dona Hasely 1-6-88

ETEC TESTING LABORATORIES, INC.
3365 Wynn Rd., Suite H • Las Vegas, NV 89102
(702) 367-0100

LABORATORY REPORT

GNLV Tower
Sim 2500 psi

CONCRETE MASONRY UNITS

Client: Cind-R-Lite Company
3333 Cinder Lane
Las Vegas, NV 89103

Job No. 630017-11
Lab./Invoice No. March/Monthly
Date of Report 3/4/86
Date of Test 3/3/86

Project: Quality Control
Location: Las Vegas, Nevada
Type of Units: 2 Cells Hollow — Grade: — Size: 8x8x16" Aggregate: Cinder
Source of Units: Cind-R-Lite — Sampled By: Cind-R-Lite — Date: —
Type of Capping Compound: Sulfur Mortar — Submitted By: Cind-R-Lite — Date: 3/3/86
Test Procedure: ASTM C140- — Authorized By: E. Selman/CRL — Date: 3/3/86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in.			Bulk Unit wt., pcf	Volume, cu. ft.		Absorption pcf	Moisture Content % Tot. Absorp.
	Width	Height	Length		Gross	Net		
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in.
Web Thickness, Min. in.
Equivalent Web Thickness, Min. in./linear ft.
Maximum Variation in Dimensions, +- in.

COMPRESSION STRENGTH

Specimen Marking	Dimensions, in.			Gross Area sq. in.	Net Area sq.in.	Ultimate Load lbs.	Compressive Strength, psi	
	Width	Height	Length				Gross	Net
N1	7-5/8	7-5/8	15-5/8	119.0	62.5	187700	1580	3000
N2	7-5/8	7-5/8	15-5/8	119.0	62.5	273200	2300	4370
N3	7-5/8	7-5/8	15-5/8	119.0	62.5	264800	2230	4240
Average								3870

Reviewed By: Kulwant S. Sahi
Kulwant S. Sahi, P.E.

Dona Hoesly 1-6-88

ETEC TESTING LABORATORIES, INC.
3365 Wynn Rd., Suite H • Las Vegas, NV 89102
(702) 367-0100
CONCRETE MASONRY UNITS

LABORATORY REPORT

GNLV Tower
fm 1350 psi

Cind-R-Lite Company
3333 Cinder Lane
Las Vegas, NV 89103

Job No. 630017-1
Lab./Invoice No. Jan/Monthly
Date of Report 1/17/86
Date of Test 1/16/86

Project Quality Control
Location Las Vegas, Nevada
Type of Units 2 Cells Hollow - Standard Grade N-1 Size 8x8x16" Aggregate Cinder
Source of Units Cind-R-Lite Sampled By Cind-R-Lite Date —
Type of Capping Compound Sulfur Mortar Submitted By Cind-R-Lite Date 1/15/86
Test Procedure ASTM C140 Authorized By Cind-R-Lite Date 1/15/86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in.			As Rec'd Wt., lbs.	Volume, cu. ft.		Absorption pcf	Moisture Content % Tot. Absorp.
	Width	Height	Length		Gross	Net		
9A				30.52				
9B				30.45				
9C				30.50				
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in. — Equivalent Web Thickness, Min. in./linear ft.
Web Thickness, Min. in. — Maximum Variation in Dimensions, +- in.

COMPRESSION STRENGTH

Specimen Marking	Dimensions, in.			Gross Area sq. in.	Net Area sq.in.	Ultimate Load lbs.	Compressive Strength, psi	
	Width	Height	Length				Gross	Net
9A	7-5/8	7-5/8	15-5/8	119.1	62.5	154500	1300	2470
9B	7-5/8	7-5/8	15-5/8	119.1	62.5	161200	1350	2580
9C	7-5/8	7-5/8	15-5/8	119.1	62.5	152500	1280	2440
Average							1310	2500

Reviewed By: Kelwant S. Sahi
Kelwant S. Sahi, P.E.

SOILS INVESTIGATION AND FOUNDATION ENGINEERING; CONCRETE AND MATERIAL CONSULTANTS;
MIX DESIGN SERVICES; TESTING SERVICES; TROUBLESHOOTING CONSULTANTS; NON-DESTRUCTIVE STEEL AND WELDING CERTIFICATION

Dona Hasely 1-6-88

ETEC TESTING LABORATORIES, INC.
3365 Wynn Rd., Suite H • Las Vegas, NV 89102
(702) 367-0100

LABORATORY REPORT

CONCRETE MASONRY UNITS

Client: Cind-R-Lite Company
3333 Cinder Lane
Las Vegas, NV 89103

Job No. 630017-11
Lab./Invoice No. March/Monthly
Date of Report 3/4/86
Date of Test 3/3/86

Project Quality Control
Location Las Vegas, Nevada
Type of Units 2 Cells Hollow
Source of Units Cind-R-Lite
Type of Capping Compound Sulfur Mortar
Test Procedure ASTM C140-

Grade —— Size 8x8x16" Aggregate Cinder
Sampled By Cind-R-Lite Date ——
Submitted By Cind-R-Lite Date 3/3/86
Authorized By E. Selman/CRL Date 3/3/86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in.			Bulk Unit wt., pcf	Volume, cu. ft.		Absorption pcf	Moisture Content % Tot. Absorp.
	Width	Height	Length		Gross	Net		
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in.
Equivalent Web Thickness, Min. In./linear ft.
Web Thickness, Min. in.
Maximum Variation in Dimensions, +- in.

COMPRESSION STRENGTH

Specimen Marking	Dimensions, in.			Gross Area sq. in.	Net Area sq.in.	Ultimate Load lbs.	Compressive Strength, psi	
	Width	Height	Length				Gross	Net
N1	7-5/8	7-5/8	15-5/8	119.0	62.5	187700	1580	3000
N2	7-5/8	7-5/8	15-5/8	119.0	62.5	273200	2300	4370
N3	7-5/8	7-5/8	15-5/8	119.0	62.5	264800	2230	4240
Average								3870

Reviewed By: Kulwant S. Sahi
Kulwant S. Sahi, P.E.

Dona Hoisly 1-6-88

ETEC TESTING LABORATORIES, INC.
3365 Wynn Rd., Suite H • Las Vegas, NV 89102
(702) 367-0100

LABORATORY REPORT

CONCRETE MASONRY UNITS

Client: Cind-R-Lite Company
3333 Cinder Lane
Las Vegas, NV 89103

Job No. 630017-13
Lab./Invoice No. March/Monthly
Date of Report 3/14/86
Date of Test 3/14/86

Project: Golden Nugget Hotel & Casino (7 Days Age Tests)
Location: Las Vegas, Nevada
Type of Units: 2 Cells Hollow-Standard Grade: --- Size: 8x8x16" Aggregate: Cinder
Source of Units: Cind-R-Lite Sampled By: Cind-R-Lite Date: 3/7/86
Type of Capping Compound: Sulfur Mortar Submitted By: Cind-R-Lite Date: 3/13/86
Test Procedure: ASTM C140-75 Authorized By: E. Selman/CRL Date: 3/13/86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in.			Bulk Unit wt., pcf	Volume, cu. ft.		Absorption pcf	Moisture Content % Tot. Absorp.
	Width	Height	Length		Gross	Net		
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in.
Equivalent Web Thickness, Min. in./linear ft.
Web Thickness, Min. in.
Maximum Variation in Dimensions, +- in.

COMPRESSION STRENGTH

Specimen Marking	Dimensions, in.			Gross Area sq. in.	Net Area sq.in.	Ultimate Load lbs.	Compressive Strength, psi	
	Width	Height	Length				Gross	Net
A	7-5/8	7-5/8	15-5/8	119.1	62.5	229600	1930	3670
B	7-5/8	7-5/8	15-5/8	119.1	62.5	232700	1950	3720
C	7-5/8	7-5/8	15-5/8	119.1	62.5	238000	2000	3810
Average							1960	3730

Reviewed By: Kulwant S. Sahi
Kulwant S. Sahi, P.E.

Done Already 1-6-88

ETEC TESTING LABORATORIES, INC.

3365 Wynn Rd., Suite H • Las Vegas, NV 89102
(702) 367-0100

LABORATORY REPORT

CONCRETE MASONRY UNITS

A

Client: Cind-R-Lite Company
3333 Cinder Lane
Las Vegas, NV 89103

Job No. 630017-18
Lab./Invoice No. March/Monthly
Date of Report 3/24/86
Date of Test 3/21/86

Project Golden Nugget Hotel (6 to 15 Days Age)
Location Las Vegas, Nevada
Type of Units 2 Cells Hollow - Standard Grade --- Size 8x8x16" Aggregate 3/8" Cinder
Source of Units Cind-R-Lite Company Sampled By Cind-R-Lite Date ---
Type of Capping Compound Sulfur Mortar Submitted By Cind-R-Lite Date 3/21/86
Test Procedure ASTM C140 Authorized By E. Selman/CRL Date 3/21/86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in.			Bulk Unit wt., pcf	Volume, cu. ft.		Absorption pcf	Moisture Content % Tot. Absorp.
	Width	Height	Length		Gross	Net		
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in. Equivalent Web Thickness, Min. in./linear ft.
Web Thickness, Min. in. Maximum Variation in Dimensions, +- in.

COMPRESSION STRENGTH

Specimen Marking	Dimensions, in.			Gross Area sq. in.	Net Area sq.in.	Ultimate Load lbs.	Compressive Strength, psi	
	Width	Height	Length				Gross	Net
A	7-5/8	7-5/8	15-5/8	119.1	62.5	217700	1830	3480
B	7-5/8	7-5/8	15-5/8	119.1	62.5	232600	1950	3720
C	7-5/8	7-5/8	15-5/8	119.1	62.5	221900	1860	3550
D	7-5/8	7-5/8	15-5/8	119.1	62.5	223600	1880	3580
Average								3580

Reviewed By: Kulwant S. Sahi
Kulwant S. Sahi, P.E.

Dona Haesly 1-6-88

ETEC TESTING LABORATORIES, INC.

3365 Wynn Rd., Suite H • Las Vegas, NV 89102
(702) 367-0100

LABORATORY REPORT

CONCRETE MASONRY UNITS

Client: Cind-R-Lite Company
3333 Cinder Lane
Las Vegas, NV 89103

Job No. 630017-19
Lab./Invoice No. March/Monthly
Date of Report 3/25/86
Date of Test 3/25/86

Project: Golden Nugget (5 Days Age)
Location: Las Vegas, Nevada
Type of Units: 2 Cells Hollow-Standard Grade: --- Size: 8x8x16" Aggregate: Cinder
Source of Units: Cind-R-Lite Sampled By: Cind-R-Lite Date: 3/20/86
Type of Capping Compound: Sulfur Mortar Submitted By: Cind-R-Lite Date: 3/24/86
Test Procedure: ASTM C140- Authorized By: E. Selman/CRL Date: 3/24/86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, In.			Bulk Unit wt., pcf	Volume, cu. ft.		Absorption pcf	Moisture Content % Tot. Absorp.
	Width	Height	Length		Gross	Net		
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., In. ____ Equivalent Web Thickness, Min. In./lineal ft. ____
Web Thickness, Min. In. ____ Maximum Variation in Dimensions, +- In. ____

COMPRESSION STRENGTH

Specimen Marking	Dimensions, In.			Gross Area sq. in.	Net Area sq.in.	Ultimate Load lbs.	Compressive Strength, psi	
	Width	Height	Length				Gross	Net
A	7-5/8	7-5/8	15-5/8	119.1	62.5	233030	1960	3730
B	7-5/8	7-5/8	15-5/8	119.1	62.5	212090	1780	3390
C	7-5/8	7-5/8	15-5/8	119.1	62.5	212010	1780	3390
D	7-5/8	7-5/8	15-5/8	119.1	62.5	213800	1800	3420
E	7-5/8	7-5/8	15-5/8	119.1	62.5	212300	1780	3400
F	7-5/8	7-5/8	15-5/8	119.1	62.5	212300	1780	3400
Average							1810	3460

Reviewed By: Kulwant S Sahi
Kulwant S. Sahi, P.E.

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

CONCRETE MASONRY UNITS

Client 41117
Atlandia Design & Furnishings
129 East Fremont St.
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report March 25, 1986
Reviewed By Jerry Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Type of Units Standard Grade High Strength Size 8x8x16 Aggregate
Source of Units Jobsite Sampled By J. Glagola/WT Date 03-17-86
Type of Capping Compound Gypsum Cement Submitted By J. Glagola/WT Date 03-17-86
Test Procedure ASTM C140- Authorized By Marty/SC Date 03-17-86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in.			Bulk Unit wt., pcf	Volume, cu. ft.		Absorption pcf	Moisture Content % Tot. Absorp.
	Width	Height	Length		Gross	Net		
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in. Equivalent Web Thickness, Min. in./linear ft.
Web Thickness, Min. in. Maximum Variation in Dimensions, +- in.

COMPRESSION STRENGTH

Specimen Marking	Dimensions, in.			Gross Area sq. in.	Net Area %	Ultimate Load lbs.	Compressive Strength, psi	
	Width	Height	Length				Gross	Net
106A	7-5/8	7-5/8	15-5/8	119.1	51.0	162000	1360	2670
106B	7-5/8	7-5/8	15-5/8	119.1	51.0	178000	1490	2920
106C	7-5/8	7-5/8	15-5/8	119.1	51.0	168000	1410	2760
106D	7-5/8	7-5/8	15-5/8	119.1	51.0	164000	1380	2710
Average						168000	1410	2770

Copies to: Client (1)
Martin, Peltyn & Associates (1)
Joel Bergman A.I.A. (1)
City of Las Vegas - Mr Bud Ford - Hand carry
Sierra Construction (1)

tp

Jobsite
APPROX. 5 DAYS

Dona Hasely 1-6-88

ETEC TESTING LABORATORIES, INC.

3365 Wynn Rd., Suite H • Las Vegas, NV 89102
(702) 367-0100

CONCRETE MASONRY UNITS

LABORATORY REPORT

Client Cind-R-Lite
3333 Cinder Lane
Las Vegas, NV 89103

Job No. 630017-20
Lab./Invoice No. 1366
Date of Report 4/1/86
Date of Test 3/31/86

Project Golden Nugget Hotel & Casino (11 Days Age Tests)
Location Las Vegas, Nevada
Type of Units 2 Cells Hollow - Standard Grade --- Size 8x8x16" Aggregate 3/8" Cinder
Source of Units Cind-R-Lite Manufactured By: Cind-R-Lite Date 3/20/86
Type of Capping Compound Sulfur Mortar Submitted By Cind-R-Lite Date 3/28/86
Test Procedure ASTM C140- Authorized By E. Selman/CRL Date 3/28/86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in.			Bulk Unit wt., pcf	Volume, cu. ft.		Absorption, pcf	Moisture Content % Tot. Absorp.
	Width	Height	Length		Gross	Net		
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in. ____ Equivalent Web Thickness, Min. in./linear ft. ____
Web Thickness, Min. in. ____ Maximum Variation in Dimensions, +- in. ____

COMPRESSION STRENGTH

Specimen Marking	Dimensions, in.			Gross Area sq. in.	Net Area sq.in.	Ultimate Load lbs.	Compressive Strength, psi	
	Width	Height	Length				Gross	Net
A	7-5/8	7-5/8	15-5/8	119.1	62.5	244000	2050	3900
B	7-5/8	7-5/8	15-5/8	119.1	62.5	247000	2070	3950
C	7-5/8	7-5/8	15-5/8	119.1	62.5	251900	2120	4030
D	7-5/8	7-5/8	15-5/8	119.1	62.5	232900	1960	3730
E	7-5/8	7-5/8	15-5/8	119.1	62.5	267700	2250	4280
F	7-5/8	7-5/8	15-5/8	119.1	62.5	253600	2130	4060
Average							2100	3990

cinderLite to E-Tech

Reviewed By: Kulwant S. Sahi
Kulwant S. Sahi, P.E.

Dona Hasely 1-6-88

ETEC TESTING LABORATORIES, INC.

3365 Wynn Rd., Suite H • Las Vegas, NV 89102
(702) 367-0100
CONCRETE MASONRY UNITS

LABORATORY REPORT

Client: Cind-R-Lite Company
3333 Cinder Lane
Las Vegas, NV 89103

Job No.: 630017-21
Lab./Invoice No.: April/Monthly
Date of Report: 4/4/86
Date of Test: 4/4/86

Project: Golden Nugget (15 Days Age Test)
Location: Las Vegas, Nevada
Type of Units: 2 Cells Hollow - Standard Grade: --- Size: 8x8x16" Aggregate: 3/8" Cinder
Source of Units: Cind-R-Lite Manufactured By: Cind-R-Lite Date: 3/20/86
Type of Capping Compound: Sulfur Mortar Submitted By: Cind-R-Lite Date: 4/4/86
Test Procedure: ASTM C140- Authorized By: E. Selman/CRL Date: 4/4/86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in.			Bulk Unit wt., pcf	Volume, cu. ft.		Absorption pcf	Moisture Content % Tot. Absorp.
	Width	Height	Length		Gross	Net		
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in. _____ Equivalent Web Thickness, Min. in./linear ft. _____
Web Thickness, Min. in. _____ Maximum Variation in Dimensions, +- in. _____

COMPRESSION STRENGTH

Specimen Marking	Dimensions, in.			Gross Area sq. in.	Net Area sq.in.	Ultimate Load lbs.	Compressive Strength, psi	
	Width	Height	Length				Gross	Net
A	7-5/8	7-5/8	15-5/8	119.1	62.5	274640	2080	3970
B	7-5/8	7-5/8	15-5/8	119.1	62.5	266430	2240	4260
C	7-5/8	7-5/8	15-5/8	119.1	62.5	245700	2060	3930
D	7-5/8	7-5/8	15-5/8	119.1	62.5	278000	2330	4450
E	7-5/8	7-5/8	15-5/8	119.1	62.5	261300	2190	4180
F	7-5/8	7-5/8	15-5/8	119.1	62.5	275000	2310	4400
Average							2200	4200

Reviewed By: Kulwant S. Sahi
Kulwant S. Sahi, P.E.

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

CONCRETE MASONRY UNITS

Client 41117
Atlandia Design & Furnishings
129 East Fremont St.
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-14-86
Reviewed By Jerry Riedel

Project Golden Nugget Towers
Location 1st & Bridger
Type of Units Standard 2 Cell Grade Normal Size 8x8x16 Aggregate
Source of Units Jobsite (Cind-R-Lite) Sampled By K. Singh/WT Date 04-12-86
Type of Capping Compound Gypsum Cement Submitted By K. Singh/WT Date 04-12-86
Test Procedure ASTM C140 Authorized By B. Koriwitz/Sierra Date 04-12-86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in.			Bulk Unit wt., pcf	Volume, cu. ft.		Absorption pcf	Moisture Content % Tot. Absorp.
	Width	Height	Length		Gross	Net		
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in. Equivalent Web Thickness, Min. in./linear ft.
Web Thickness, Min. in. Maximum Variation in Dimensions, +- in.

COMPRESSION STRENGTH

Specimen Marking	Dimensions, in.			Gross Area sq. in.	Net Area Sq. In.	Ultimate Load lbs.	Compressive Strength, psi	
	Width	Height	Length				Gross	Net *
141A	7-5/8	7-5/8	15-5/8	119.1	62.5	242500	2040	3920
141B	7-5/8	7-5/8	15-5/8	119.1	62.5	217000	1820	3470
Average							1930	3690

*Based on Average Net Area

Copies to: Client (1) Mail
Martin, Peltyn & Assoc. (1) Mail
Joel Bergman, A.I.A (1) Mail
Sierra Construction (1) Mail
City of Las Vegas (1) Jobsite

tp

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

CONCRETE MASONRY UNITS

Client 4111 Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No. -
Date of Report 04-14-86
Reviewed By Jerry Riedel

Project Golden Nugget Towers
Location 1st & Bridger
Type of Units Standard 2 Cell Grade High-Strength Size 8x8x16 Aggregate Cinder
Source of Units Jobsite / (Cind-R-Lite) Sampled By K. Singh/WT Date 04-12-86
Type of Capping Compound Gypsum Cement Submitted By K. Singh/WT Date 04-12-86
Test Procedure ASTM C140- Authorized By B. Koriwitz/Sierra Date 04-12-86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in.			Bulk Unit wt., pcf	Volume, cu. ft.		Absorption pcf	Moisture Content % Tot. Absorp.
	Width	Height	Length		Gross	Net		
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in. _____ Equivalent Web Thickness, Min. in./linear ft. _____
Web Thickness, Min. in. _____ Maximum Variation in Dimensions, +- in. _____

COMPRESSION STRENGTH

Specimen Marking	Dimensions, in.			Gross Area sq in.	Net Area Sq. In.	Ultimate Load lbs.	Compressive Strength, psi	
	Width	Height	Length				Gross	Net *
142A	7-5/8	7-5/8	15-5/8	119.1	62.5	282500	2370	4520
142B	7-5/8	7-5/8	15-5/8	119.1	62.5	280500	2360	4480
Average							2365	4500

*Based on Average Net Area

Copies to: Client (1) Mail
Martin, Peltyn & Assoc. (1) Mail
Joel Bergman, A.I.A (1) Mail
Sierra Construction (1) Mail
City of Las Vegas (1) Jobsite

tp

Dona Hasely — 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

CONCRETE MASONRY UNITS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report April 8, 1986
Reviewed By J. McNutt

Project Golden Nugget Towers
Location 1st & Bridger
Type of Units 2-Cells Hollow — Grade Hi-Test — Size 8x8x16 — Aggregate 3/8" Cinder
Source of Units Cind-R-Lite — Sampled By Terry- Cind-R-Lite — Date 04-04-86
Type of Capping Compound Gypsum Cement — Submitted By K. Singh/WT — Date 04-07-86
Test Procedure ASTM C140- — Authorized By Brad- Atlandia — Date 04-07-86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in.			Bulk Unit wt., pcf	Volume, cu. ft.		Absorption pcf	Moisture Content % Tot. Absorp.
	Width	Height	Length		Gross	Net		
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in. — Equivalent Web Thickness, Min. in./linear ft.
Web Thickness, Min. in. — Maximum Variation in Dimensions, +- in.

COMPRESSION STRENGTH

Specimen Marking	Dimensions, in.			Gross Area sq. in.	Net Area Sq. In.	Ultimate Load lbs.	Compressive Strength, psi	
	Width	Height	Length				Gross	Net
136A	7-5/8	7-5/8	15-5/8	119.1	62.5	300000	2520	4800
136B	7-5/8	7-5/8	15-5/8	119.1	62.5	285000	2390	4560
136C	7-5/8	7-5/8	15-5/8	119.1	62.5	285000	2390	4560
Average							2430	4640

Copies to: Client (1) Mail
Martin, Peltyn & Assoc. (1) Mail
Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
City of Las Vegas (1) Jobsite

NOTE: Cinderlite said they picked up their block at Golden Nugget site on 04-04-86. Kish then picked up their blocks from Cinderlite on 04-07-86.

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

CONCRETE MASONRY UNITS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab Invoice No. _____
Date of Report April 9, 1986
Reviewed By Jerry Riedel, P.E.

Project Golden Nugget Towers
Location 1st & Bridger
Type of Units 2-Cells Hollow — Grade Hi-Test — Size 8x8x16 — Aggregate 3/8" Cinder
Source of Units Cind-R-Lite — Sampled By J. Glagola/WT — Date 04-07-86
Type of Capping Compound Gypsum Cement — Submitted By J. Glagola/WT — Date 04-08-86
Test Procedure ASTM C140 — Authorized By Brad- Atlandia — Date 04-08-86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in.			Bulk Unit wt., pcf	Volume, cu. ft.		Absorption - pcf	Moisture Content % Tot. Absorp
	Width	Height	Length		Gross	Net		
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in. _____ Equivalent Web Thickness, Min. in./linear ft. _____
Web Thickness, Min. in. _____ Maximum Variation in Dimensions, + - in. _____

COMPRESSION STRENGTH

Specimen Marking	Dimensions, in.			Gross Area sq in.	Net Area Sq. In.	Ultimate Load lbs.	Compressive Strength, psi	
	Width	Height	Length				Gross	Net *
138A	7-5/8	7-5/8	15-5/8	119.1	62.5	292000	2450	4670
138B	7-5/8	7-5/8	15-5/8	119.1	62.5	294000	2470	4700
138C	7-5/8	7-5/8	15-5/8	119.1	62.5	285000	2390	4560
Average							2430	4640

Copies to: Client (1) Mail
Martin, Peltyn & Assoc. (1) Mail
Joel Bergman, A.I.A. (1) Mail
Sierra Construction (1) Mail
City of Las Vegas (1) Jobsite

NOTE: Samples taken from Jobsite

*Based on Average Net Area

tp

Dona Hasely 1-6-88

ETEC TESTING LABORATORIES, INC.

3365 Wynn Rd., Suite H • Las Vegas, NV 89102
(702) 367-0100

017-22

Block Test Data - Laboratory

CUSTOMER: CIND-R-LITE

ADDRESS:

SAMPLE SUBMITTED BY: E. Selman / CRL from 4/4/86 PIKE'S VISTA JOB GOLDEN ALMOST

DATE MFG.:

DATE REC'D: 4-7-86

DATE TESTED: 4-9-86

2 WEEK ADRY

	BLOCK DESCRIPTION					
TEST MARX	A	B	C			
Type of Material						
Type Unit ____ Nominal Size	8X8X16	→	→			
Number Cores *						
Type Curing						
Minimum Thickness of Shell						
Minimum Thickness of Tie End						
Center						
ABSORPTION						AVG. OF SERIES
Weight of Unit as Received * -lb.						
Weight of Unit Oven Dry * -lb.						
% Moisture Content as Received*						
Weight of Unit Suspended in H_2O-lb.						
Weight of Unit Saturated * -lb.						
% Maximum Absorption *						
Pounds Per Cu. Ft. Absorption *				X		
Moisture Content % Total Absorption					X	
Concrete - Wgt. per Cu. Ft.						
COMPRESSION						
Length Inches	15 5/8					
Width Inches	7 5/8					
Area Square Inches	119.1					
Total Load Pounds	245510	263500	238000			
P.S.I. Gross Area *	2060	2210	2000			2090
P.S.I. Net Area	3930	4220	3810			3990

REMARKS:

*A.S.T.M. C 140

Dona Hasely 1-6-88

ETEC TESTING LABORATORIES, INC.
3365 Wynn Rd., Suite H • Las Vegas, NV 89102
(702) 367-0100

LABORATORY REPORT

CONCRETE MASONRY UNITS

Client: Cind-R-Lite Company
3333 Cinder Lane
Las Vegas, NV 89103

Job No. 630017-22
Lab./Invoice No. April/Monthly
Date of Report 4/8/86
Date of Test 4/7/86

Project Golden Nugget Hotel & Casino
Location Las Vegas, Nevada
Type of Units 2 Cells Hollow - Standard Grade - Size 8x8x16" Aggregate 3/8" Cinder
Source of Units Golden Nugget Job Site Sampled By: E. Selman/CRL Date 4/4/86
Type of Capping Compound Sulfur Mortar Submitted By E. Selman/CRL Date 4/7/86
Test Procedure ASTM C140- Authorized By E. Selman/CRL Date 4/7/86

ABSORPTION AND UNIT WEIGHT

Specimen Marking	Dimensions, in.			Bulk Unit wt., pcf	Volume, cu. ft.		Absorption pcf	Moisture Content % Tot. Absorp.
	Width	Height	Length		Gross	Net		
Average								

MEASUREMENT OF DIMENSIONS

Face Shell Thickness (Avg.) Min., in. _____ Equivalent Web Thickness, Min. in./linear ft. _____
Web Thickness, Min. in. _____ Maximum Variation in Dimensions, ± in. _____

COMPRESSION STRENGTH

Specimen Marking	Dimensions, in.			Gross Area sq. in.	Net Area sq.in.	Ultimate Load lbs.	Compressive Strength, psi	
	Width	Height	Length				Gross	Net
A	7-5/8	7-5/8	15-5/8	119.1	62.5	245510	2060	3930
B	7-5/8	7-5/8	15-5/8	119.1	62.5	263500	2210	4220
C	7-5/8	7-5/8	15-5/8	119.1	62.5	238000	2000	3810
Average							2090	3990

Reviewed By: Kulwant S. Sahi
Kulwant S. Sahi, P.E.

Dona Hatoly 1-6-88

WESTERN TECHNOLOGIES INC.

* Stu — Check these records out for 28 day Strengths (Put these in Masonry book

COMPRESSIVE LABORATORY REPORT

Client
Atlandia Design & Furnishing
129 East Fremont Street
Las Vegas, NV ~~89101~~
Attn: Mr. Brad Friedmutter

Project Golden Nugget Tower
Location 1st & Bridger

4145J182
e No. ADF86031
ort 10-18-86
By

Contractor Sierra Construction Architect/Engineer
Source of Sample 5th Story Walls, Lines J-T, From 4-6
Material Supplier Jet Concrete Measured Slump, in.
Ticket Number Measure Air Content, % Not Measured
Batch Size, cu. yds. Ambient Air Temperature, °F 70
Mix Identification No. of Specimens Molded 6
Design Strength, psi 4000 / 28 days Size of Specimens
Max. Size Aggregate, in. 3/8" Sampled By K. Singh Date 10-18-86
Time in Mixer hrs. min. Submitted By Date
Water Added on Job, gal. Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Diameter (in.)	Tested By
			Pounds Force	psi			
555A	10-25-86	7	7500	3130		1.75	PP
555B	10-25-86	7	7100	2960		1.75	PP
555C	11-15-86	28					
555D	11-15-86	28					
555E		Hold					
555F		Hold					

Copies to:
Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Doris Hawley 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON GUNITE CONCRETE

Client
Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 10-18-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 5th Story Walls, Lines T-Z, From 4-6
Material Supplier Jet Concrete
Measured Slump, in.
Ticket Number
Measure Air Content % Not Measured
Batch Size, cu. yds.
Ambient Air Temperature, °F 70
Mix Identification
No. of Specimens Molded 6
Design Strength, psi 4000 / 28 days
Size of Specimens
Max. Size Aggregate, in. 3/8
Sampled By K. Singh Date 10-18-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure ASTM C39-81B
Remarks

Specimen Marking If any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Diameter (in.)	Tested By
			Pounds Force	psi			
556A	10-25-86	7	5500	2290		1.75	PP
556B	10-25-86	7	5800	2420		1.75	PP
556C	11-15-86	28					
556D	11-15-86	28					
556E		Hold					
556F		Hold					

Copies to:
Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergh, A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas (1) jobsite

Donna Haeby 7688

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON MORTAR SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 09-02-86

Project Golden Nugget Towers
Location 1st & Bridger
Contractor Bill Daley Masonry
Architect/Engineer
Source of Sample 10th Story, Walls 0' to 8', L-R, From 2-9
Material Supplier Bill Daley Masonry
Measured Slump, in.
Ticket Number
Measured Air Content, % Not Measured
Batch Size cu. yds.
Ambient Air Temperature, °F 98
Mix Identification 2 Sks. Cement, 1/2 SK. Lime, 50-56 Shvs. Sand
No. of Specimens Molded 6
Design Strength, psi 2500 / 28 days
Size of Specimens 2 x 4
Max. Size Aggregate, in. Sand
Sampled By K. Singh Date 09-02-86
Time in Mixer hrs. min.
Submitted By Date
Water Added on Job, gal.
Authorized By Date
Test Procedure UBC 24-22

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
483A	09-09-86	7	5100	1620		3.14	PP
483B	09-09-86	7	5300	1690		3.14	PP
483C	09-30-86	28	7400	2360		3.14	PP
483D	09-30-86	28	7300	2320		3.14	PP
483E	10-28-86	56	8200	2610		3.14	PP
483F	10-28-86	56	8600	2740		3.14	PP

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin, Peltyn & Associates (1) mail
City of Las Vegas (1) jobsite

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-02-86
Reviewed By CPW

Project: Golden Nugget Tower — REVISED

Location: 1st & Bridger

Contractor: Bill Daley Masonry — Architect/Engineer:

Source of Sample: 10th Story Walls, Lines L-R, From 2-9

Material Supplier: Stocks Mill & Supply — Measured Slump, in.: 9

Ticket Number: 07993 — Measure Air Content, %: Not Measured

Batch Size, cu. yds.: 10 — Ambient Air Temperature, °F: 98

Mix Identification: S-122 — No. of Specimens Molded: 3

Design Strength, psi: 4400 / 28 days — Size of Specimens: 4 x 8

Max. Size Aggregate, in.: 3/8 — Sampled By: K. Singh — Date: 09-02-86

Time in Mixer: 1 hrs. 0 min — Submitted By: — Date:

Water Added on Job, gal.: — Authorized By: — Date:

Test Procedure: ASTM C39-84B

Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
484A	09-09-86	7	78000	6210		12.57	PP
484B	09-30-86	28	63000	5010		12.57	PP
484C	10-28-86	56	91000	7240		12.57	MD

Copies to:
Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman, A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las VEgas, (1) Jobsite

Dona Steely 5-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Grout Specimens

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-22-86
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Bill Daley Masonry
Architect/Engineer:
Source of Sample: 14th Story Walls, Lines R-2, From 2-9
Material Supplier: Stocks Mill & Supply
Measured Slump, in.: 10
Ticket Number: 08983
Measure Air Content, %: Not Measured
Batch Size, cu. yds.: 10.
Ambient Air Temperature, °F: 80
Mix Identification: CM2282-FA
No. of Specimens Molded: 3
Design Strength, psi: 3000 / 28 days
Size of Specimens: 4 x 8
Max. Size Aggregate, in.: 3/8
Sampled By: K. Singh Date: 09-22-86
Time in Mixer: 1 hrs. 0 min.
Submitted By: Date:
Water Added on Job, gal.: 10
Authorized By: Date:
Test Procedure: ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Area In Square in.	Tested By
			Pounds Force	psi			
518A	09-29-86	7	37000	2940		12.57	PP
518B	10-20-86	28					
518C		Hold					

Copies to:
Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman, A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las VEgas, (1) Jobsite

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

ATTENTION: Mr. Brad Friedmutter **DATE:** 11-20-86

SUBJECT: Golden Nugget Tower **PROJECT NO.:** 4145J182

The following items are transmitted: Herewith __
Under Separate Cover __ **Via:** Mail

No. of copies	Description
1 Each	Fireproofing Data

The above items are submitted: At your request __ **For your review** __
For your files x **For your action** __ **For your information** __

General Remarks:

Enclosure __

COPIES: Sierra Construction (1) Mail
Martin, Peltyn & Associates (1) Mail
Joel Bergman, A.I.A (1) Mail
City of Las Vegas (1) Jobsite

BY: Steve Weidenhammer
Steve Weidenhammer
Manager, Materials Engineering

Don Healy 1-6-88

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 1 Date 11-7-86
Reviewed By
Date Examined

Project Golden Nugget Towers
Location 3rd & Bridger **Technician** Jeff Glagola
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
3B	3	3	3	3	X				X	
3C	3	3 1/2	3 1/4	3	X				X	
3D	3	3 1/4	3 1/8	3	X				X	
5B	3	3	3	3	X				X	
5C	3	3 1/2	3 1/4	3	X				X	
5D	3	3 1/4	3 1/8	3	X				X	
3B-3D	7/8	1	7/8	7/8	X			X		
5B-5D	7/8	1	7/8	7/8	X			X		
3B-5B	7/8	1	7/8	7/8	X			X		
3D-5D	7/8	1	7/8	7/8	X			X		
5G-5J	1/2	7/8	1/2	1/2	X			X		
6G-6J	1/2	7/8	1/2	1/2	X			X		
5G-6G	1/2	1	7/8	1/2	X			X		
* FROM	1/2	1	7/8	1/2	X			X		
	1/2	1	7/8	1/2	X			X		
TO	1/2	1	7/8	1/2	X			X		
5J-6J	1/2	1	7/8	1/2	X			X		

Dona Hasely 1-6-88

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145.1182
Lab./Invoice No.
Report No. 1 Date 11-7-86
Reviewed By
Date Examined

Project Golden Nugget Towers
Location 3rd & Bridger **Technician** Jeff Glagola
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
5G-5J 9th floor	1/2	7/8	1/2	1/2	X			X		
6G-6J 9th floor	1/2	7/8	1/2	1/2	X			X		
5G-6G 9th floor	1/2	1	5/8	1/2	X			X		
FROM 9th floor	1/2	1	5/8	1/2	X			X		
9th floor	1/2	15/16	5/8	1/2	X			X		
TO 9th floor	1/2	15/16	5/8	1/2	X			X		
5J-6J 9th floor	1/2	15/16	5/8	1/2	X			X		
5G-5J 10th floor	1/2	1/2	1/2	1/2	X			X		
6G-6J 10th floor	1/2	1/2	1/2	1/2	X			X		
5G-6G 10th floor	1/2	7/8	3/4	1/2	X			X		
FROM 10th floor	1/2	7/8	3/4	1/2	X			X		
10th floor	1/2	7/8	3/4	1/2	X			X		
TO 10th floor	1/2	7/8	3/4	1/2	X			X		
5J-6J 10th floor	1/2	7/8	3/4	1/2	X			X		
5G-5J 11th floor	1/2	5/8	1/2	1/2	X			X		
6G-6J 11th floor	1/2	5/8	1/2	1/2	X			X		
5G-6J 11th floor	1/2	1	3/4	1/2	X			X		
FROM 11th floor	1/2	1	3/4	1/2	X			X		
11th floor	1/2	1	3/4	1/2	X			X		

Dona Hoesly 1-6-88

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 1 Date 11-7-86
Reviewed By
Date Examined

Project Golden Nugget Towers
Location 3rd & Bridger **Technician** Jeff Glagola
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
TQ 11th floor	1/2	1	3/4	1/2	X			X		
6J-6J 11th floor	1/2	1	3/4	1/2	X			X		

Dona Hasely 1-6-88

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 | Date 11-7-86
Reviewed By
Date Examined

Project Golden Nugget Towers
Location 3rd & Bridger **Technician** Jeff Glagola
Test Procedure: UBC 43-B

SAMPLE LOCATION FLOOR	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
5G-5J 18th floor	1/2	3/4	1/2	1/2	X			X		
6G-6J 18th floor	1/2	3/4	1/2	1/2	X			X		
5G-6G 18th floor	1/2	1	3/4	1/2	X			X		
FROM 18th floor	1/2	1	3/4	1/2	X			X		
18th floor	1/2	1	3/4	1/2	X			X		
TO 18th floor	1/2	1	3/4	1/2	X			X		
5J-6J 18th floor	1/2	1	3/4	1/2	X			X		
5G-5J 19th floor	1/2	3/4	1/2	1/2	X			X		
6G-6J 19th floor	1/2	3/4	1/2	1/2	X			X		
5G-6G 19th floor	1/2	1	3/4	1/2	X			X		
FROM 19th floor	1/2	1	3/4	1/2	X			X		
19th floor	1/2	1	3/4	1/2	X			X		
TO 19th floor	1/2	1	3/4	1/2	X			X		
5J-6J 19th floor	1/2	1	3/4	1/2	X			X		
5G-5J 20th floor	1/2	3/4	1/2	1/2	X			X		
6G-6J 20th floor	1/2	3/4	1/2	1/2	X			X		
5G-6G 20th floor	1/2	1	5/8	1/2	X			X		
FROM 20th floor	1/2	1	5/8	1/2	X			X		
20th floor	1/2	1	5/8	1/2	X			X		

Dona Hasely 1-6-88

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 Date 11-10-86
Reviewed By
Date Examined

Project Golden Nugget Towers
Location 3rd & Bridger **Technician** Jeff Glagola
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
TO 20th floor	1/2	1	5/8	1/2	X			X		
5J-6J 20th floor	1/2	1	5/8	1/2	X			X		
5G-5J 12th floor	1/2	3/4	5/8	1/2	X			X		
6G-6J 12th floor	1/2	3/4	5/8	1/2	X			X		
5G-6G 12th floor	1/2	1	3/4	1/2	X			X		
FROM 12th floor	1/2	1	3/4	1/2	X			X		
12th floor	1/2	1	3/4	1/2	X			X		
TO 12th floor	1/2	1	3/4	1/2	X			X		
5J-6J 12th floor	1/2	1	3/4	1/2	X			X		
5G-5J 13th floor	1/2	3/4	5/8	1/2	X			X		
6G-6J 13th floor	1/2	3/4	5/8	1/2	X			X		
5G-6G 13th floor	1/2	1	3/4	1/2	X			X		
FROM 13th floor	1/2	1	3/4	1/2	X			X		
13th floor	1/2	1	3/4	1/2	X			X		
TO 13th floor	1/2	1	3/4	1/2	X			X		
5J-6J 13th floor	1/2	1	3/4	1/2	X			X		
5G-5J 14th floor	1/2	3/4	5/8	1/2	X			X		
6G-6J 14th floor	1/2	3/4	5/8	1/2	X			X		
5G-6G 14th floor	1/2	1	3/4	1/2	X			X		

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FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 Date 11-10-86
Reviewed By
Date Examined

Project Golden Nugget Towers
Location 3rd & Bridger **Technician** Jeff Glagola
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
FROM 14th floor	1/2	1	3/4	1/2	X			X		
14th floor	1/2	1	3/4	1/2	X			X		
TO 14th floor	1/2	1	3/4	1/2	X			X		
5J-6J 14th floor	1/2	1	3/4	1/2	X			X		
5G-5J 6th floor	1/2	3/4	5/8	1/2	X			X		
6G-6J 6th floor	1/2	3/4	5/8	1/2	X			X		
5G-6G 6th floor	1/2	1	3/4	1/2	X			X		
FROM 6th floor	1/2	1	3/4	1/2	X			X		
6th floor	1/2	1	3/4	1/2	X			X		
TO 6th floor	1/2	1	3/4	1/2	X			X		
5J-6J 6th floor	1/2	1	3/4	1/2	X			X		
5G-5J 7th floor	1/2	3/4	5/8	1/2	X			X		
6G-6J 7th floor	1/2	3/4	5/8	1/2	X			X		
5G-6G 7th floor	1/2	1	3/4	1/2	X			X		
FROM 7th floor	1/2	1	3/4	1/2	X			X		
7th floor	1/2	1	3/4	1/2	X			X		
TO 7th floor	1/2	1	3/4	1/2	X			X		
5J-6J 7th floor	1/2	1	3/4	1/2	X			X		
5G-5J 8th floor	1/2	3/4	5/8	1/2	X			X		
6G-6J 8th floor	1/2	3/4	5/8	1/2	X			X		

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FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 2 Date 11-10-86
Reviewed By
Date Examined

Project Golden Nugget Towers
Location 3rd & Bridger Technician Jeff Glagola
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
5G-6G 8th floor	1/2	1	3/4	1/2	X			X		
FROM 8th floor	1/2	1	3/4	1/2	X			X		
8th floor	1/2	1	3/4	1/2	X			X		
TO [redacted] floor	1/2	1	3/4	1/2	X			X		
5J-6J 8th floor	1/2	1	1	1/2	X			X		

Note: Bottom of 8th floor completely covered with 7/8" fireproofing.

129 E. Fremont
SPEC REPORTS

Done. Hold 7-6-87

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 3 Date 11-12-86
Reviewed By
Date Examined

Project Golden Nugget Towers
Location 3rd & Bridger Technician J. Glagola
Test Procedure: UBC 43-8

SAMPLE LOCATION. FLOOR	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
5G - 5J - 3rd Floor	1/2	5/8	5/8	1/2	X			X		
6G - 6J - 3rd Floor	1/2	5/8	5/8	1/2	X			X		
5G - 6G - 3rd Floor	1/2	1	7/8	1/2	X			X		
From 3rd Floor	1/2	1	7/8	1/2	X			X		
3rd Floor	1/2	1	7/8	1/2	X			X		
To 3rd Floor	1/2	1	7/8	1/2	X			X		
5J - 6J - 3rd Floor	1/2	1	7/8	1/2	X			X		
5G - 5J - 4th Floor	1/2	5/8	5/8	1/2	X			X		
6G - 6J - 4th Floor	1/2	5/8	5/8	1/2	X			X		
5G - 6G - 4th Floor	1/2	1	7/8	1/2	X			X		
From 4th Floor	1/2	1	7/8	1/2	X			X		
4th Floor	1/2	1	7/8	1/2	X			X		
To 4th Floor	1/2	1	7/8	1/2	X			X		
5J - 6J - 4th Floor	1/2	1	7/8	1/2	X			X		
5G - 5J - 5th Floor	1/2	5/8	5/8	1/2	X			X		
6G - 6J - 5th Floor	1/2	5/8	5/8	1/2	X			X		
5G - 6G - 5th Floor	1/2	1	7/8	1/2	X			X		
From 5th Floor	1/2	1	7/8	1/2	X			X		
5th Floor	1/2	1	7/8	1/2	X			X		
to 5th Floor	1/2	1	7/8	1/2	X			X		
5J - 6J - 5th Floor	1/2	1	7/8	1/2	X			X		

Dona Hasley 1-6-87

FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIREPROOFING

Client: Atlandia Desing & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No: 4145J182
Lab./Invoice No.
Report No. 4 Date 11-13-86
Reviewed By
Date Examined

Project Golden Nugget Tower
Location 3rd & Bridger **Technician** Jeff Glagola
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
5G-5J 15th floor	1/2	3/4	5/8	1/2	X			X		
6G-6J 15th floor	1/2	3/4	5/8	1/2	X			X		
5G-6G 15th floor	1/2	3/4	5/8	1/2	X			X		
FROM 15th floor	1/2	1	3/4	1/2	X			X		
15th floor	1/2	1	3/4	1/2	X			X		
TO 15th floor	1/2	1	3/4	1/2	X			X		
5J-6J 15th floor	1/2	1	3/4	1/2	X			X		
5G-5J 16th floor	1/2	3/4	5/8	1/2	X			X		
6G-6J 16th floor	1/2	3/4	5/8	1/2	X			X		
5G-6G 16th floor	1/2	1	3/4	1/2	X			X		
FROM 16th floor	1/2	1	3/4	1/2	X			X		
16th floor	1/2	1	3/4	1/2	X			X		
FROM 16th floor	1/2	1	3/4	1/2	X			X		
5J-6J 16th floor	1/2	1	3/4	1/2	X			X		
5G-5J 17th floor	1/2	3/4	5/8	1/2	X			X		
6G-6J 17th floor	1/2	3/4	5/8	1/2	X			X		
5G-6G 17th floor	1/2	1	3/4	1/2	X			X		
FROM 17th floor	1/2	1	3/4	1/2	X			X		
17th floor	1/2	1	3/4	1/2	X			X		
TO 17th floor	1/2	1	3/4	1/2	X			X		

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FIELD REPORT

THICKNESS AND DENSITY DETERMINATION FOR SPRAY-APPLIED FIRERROOFING

Client: Atlandia Design & Furnishings
129 E. Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Report No. 4 Date 11-13-86
Reviewed By
Date Examined

Project Golden Nugget Towers
Location 3rd & Bridger Technician Jeff Glagola
Test Procedure: UBC 43-8

SAMPLE LOCATION FLOOR	MINIMUM THICKNESS (Inches)	MAXIMUM THICKNESS (Inches)	AVG. IN PLACE THICKNESS (Inches)	SPECIFIED MINIMUM THICKNESS (Inches)	Accept	Reject	Retest	Beam	Column	X-Brace
5J-6J 17th floor	1/2	1	3/4	1/2	X			X		
6A-10A 1st floor	1/2	3/4	5/8	1/2	X			X		
6B-10B 1st floor	1/2	3/4	5/8	1/2	X			X		
8A-8B 1st floor	1/2	3/4	5/8	1/2	X			X		
8A 1st floor	1 3/4	2	1 3/4	1 3/4	X				X	
12N 1st floor	1 3/4	2 1/2	2	1 3/4	X				X	
120 1st floor	1 3/4	2 1/2	2	1 3/4	X				X	
12P 1st floor	1 3/4	2 1/2	2	1 3/4	X				X	
11N-12N 1st floor	1/2	3/4	1/2	1/2	X			X		
110-120 1st floor	1/2	3/4	1/2	1/2	X			X		
11P-12P 1st floor	1/2	3/4	1/2	1/2	X			X		
12N-12P 1st floor	1/2	3/4	1/2	1/2	X			X		
12N 2nd floor	1 3/4	2 1/2	2	1 3/4	X				X	
120 2nd floor	1 3/4	2 1/2	2	1 3/4	X				X	
12P 2nd floor	1 3/4	2 1/2	2	1 3/4	X				X	
11N-12N 2nd floor	1/2	3/4	1/2	1/2	X			X		
110-120 2nd floor	1/2	3/4	1/2	1/2	X			X		
12N-12P 2nd floor	1/2	3/4	1/2	1/2	X			X		

Dona Hasely 1-6-88

GEOTECHNICAL INVESTIGATION
PROPOSED HOTEL TOWERS
NEC BRIDGER AVE. & FIRST ST.
LAS VEGAS, NEVADA

for: Atlandia Design & Furnishings

Project No. 4125J184-A

August 9, 1985

GSI GEOTECHNICAL SERVICES
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING
A DIVISION OF WESTERN TECHNOLOGIES, INC.

300 West Boston
Las Vegas, Nevada 89102
(702) 382-7483

Dona Hasely 1-6-88

TABLE OF CONTENTS

	Page No.
INTRODUCTION	1
PROPOSED CONSTRUCTION	2
SUBSURFACE EXPLORATION AND TESTING PROGRAMS	2
SITE CONDITIONS	
Surface	3
Subsurface	3
SEISMIC CONSIDERATIONS	4
RECOMMENDATIONS	
General	5
Foundations	6
Settlement	7
Site Period	8
Lateral Loads	8
Excavations	8
Grading	9
Drainage and Moisture Protection	10
Concrete Slabs on Grade	10
Corrosivity	11
Other Services	12
CLOSURE	13

	Plate No.
PLOT PLAN	1

APPENDIX

Log of Borings	A-1 thru A-32
Explanation of Material Classifications	B
Direct Shear Test Data	C
Consolidation Test Data	D-1 and D-2

Dona Sheely 16-88

INTRODUCTION

This report presents the results of a geotechnical investigation performed at the site of the proposed Golden Nugget hotel towers. The site is located at the northeast corner of Bridger Avenue and First Street in Las Vegas, Nevada as shown on Plate No. 1, entitled Plot Plan.

The investigation included obtaining information on site conditions, performing laboratory testing and engineering analyses, and providing recommendations for use in foundation and concrete slab-on-grade design. Approximate locations of our field explorations are shown on Plate No. 1. Results of our field explorations and laboratory tests are presented in the Appendix. The Appendix can be found at the end of the report on colored paper for ready reference.

Our professional services have been performed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable geotechnical engineers practicing in this or similar localities. No other warranty, express or implied, is made. This report has been prepared for Atlandia Design & Furnishings to be used as an aid in the design of the proposed hotel towers. The report is not a bidding document, and any contractor reviewing this report must draw his own conclusions regarding specific construction techniques to be used on this project.

Dona Hensley 1-6-88

PROPOSED CONSTRUCTION

Planned construction consists of two 21-story hotel towers. Plate No. 1 should be referred to for the location of the towers. Structures will be of masonry and reinforced concrete construction. The towers will have their first floors at or near existing grade. We were provided the following load information by Martin & Associates:

- Estimated Column Loads:
  Exterior 540 kips dead; 85 kips live
  Interior 765 kips dead; 155 kips live

- Estimated Core Loads:
  24,000 kips dead; 125 kips live
  Core is 80 ft. x 38 ft. area

SUBSURFACE EXPLORATION AND TESTING PROGRAMS

The subsurface exploration program consisted of drilling a total of 31 borings to depths ranging from 16 to 60 feet below the existing grade. Twenty seven of the borings were drilled during a previous investigation. Samples were obtained to aid in classification and for laboratory testing. Laboratory testing consisted of moisture density tests, direct shear tests, and consolidation tests. A more detailed discussion of the subsurface exploration and testing programs is presented in the Appendix.

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SITE CONDITIONS

Surface

At the time of our field investigation the eastern and western tower sites were paved with asphalt concrete and were used for parking. There was a small area with refuse containers in the southeast corner of the western site and there was landscaped areas at the street corners. Drainage of both sites was by sheetflow to the southeast.

Subsurface

There was from two to three inches of asphalt concrete underlain by sand and gravel base encountered in all borings. The pavement materials extended to depths ranging from less than one foot to as much as two feet. There could be fill in other areas from previous construction and/or utility lines.

Natural soils generally consisted of stiff to very stiff silty clay and very stiff to very hard caliche. The clay soils contained varying amounts of caliche gravel. There were generally two zones of caliche encountered within the upper 20 feet below existing grade. The upper zone was encountered at depths ranging from 3 to 10 feet and the lower zone was encountered at depths ranging from 8 to 18 feet. The upper zone varied in thickness from 1 to 7 1/2 feet and varied in consistency from very stiff to vefy

Dona Hardy 1-6-88

hard. The lower zone was more uniform in hardness and either consisted of a single thick layer or several thinner layers.

Water was measured in 5 of the borings at depths ranging from 9 to 15 feet below the existing grade. Water levels were not established in the other borings. It appeared that the water was encountered below the upper caliche layers and would rise after completion of drilling. Water levels will fluctuate with seasonal changes and with changes in groundwater withdrawal and recharge. The boring logs should be referred to for more detailed information on water levels and soil conditions.

SEISMIC CONSIDERATIONS

There is no evidence of recent faulting in the general site area. The nearest mapped compaction fault is about 3/4 mile northeast of the proposed site.[1] The subject site is located within Seismic Zone II as defined by the Uniform Building Code, 1982 edition, on Figure 1, entitled Seismic Zone Map of the United States. Zone II represents an area presumed to be subject to moderate earthquake damage such as

1 - Husband, J.J., 1974, Environmental Consideration, Geology and Foundations, Las Vegas Valley, Clark County, Nevada; Nevada State Highway Department.

Dona Hardy 1-6-88

that resulting from a magnitude VII event as described by the Modified Mercalli scale.

RECOMMENDATIONS

General

Based on the results of this investigation, it is our opinion that the site is suitable for the construction of the planned hotel towers. As previously mentioned, there were typically two zones of caliche encountered within the upper 20 feet. However, the upper zone of caliche is variable in thickness and hardness, and it is our opinion that at approximately one half of the exploration locations the upper caliche zone will not provide satisfactory support for hotel tower foundations. For example, at Boring Nos. 2 and 15 the upper zone is not satisfactory and at Boring Nos. 5 and 12 the upper zone is satisfactory. Where the upper zone is not satisfactory, the caliche zone is not thick enough and/or hard enough in consistency. Of primary concern is the potential for excessive differential settlement. At the following boring locations it is our opinion that the upper caliche zone is satisfactory: Boring Nos. 4 through 14, 26, and 28 through 31. Lean-mix concrete may be used between the bottom of foundations and the top of the satisfactory caliche. The lean-mix should have a minimum compressive strength of 1000 psi. The caliche should be

Dona Ana Co. 1-6-88

cleaned and inspected prior to placement of lean-mix or concrete.

As an alternate, the structure could be supported by a mat-type foundation established on the upper zone of caliche. It is our opinion that the mat-type foundation would bridge areas with inconsistent caliche. A lean-mix concrete could be utilized to make a level working surface after removal of materials above the caliche. The lean-mix should have a minimum compressive strength of 1000 psi. Excavations should be cleaned and inspected prior to placement of lean-mix or concrete. Additional data on a mat-type foundation could be provided if desired.

Water was measured at depths ranging from 9 to 15 feet below existing grade. Water may be encountered during foundation excavations. However, we do not expect significant amounts of water except where excavations penetrate the upper caliche zone. Contractors should satisfy themselves as to the amount of water present at the time of construction and necessary construction techniques.

Foundations

Foundations may be supported on satisfactory deposits of caliche. As previously mentioned, satisfactory caliche deposits were sometimes encountered as the upper zone of caliche and sometimes as the lower zone of caliche. Conditions at each proposed foundation location can be

Dona Hesley 1-6-88

confirmed utilizing this report and supplemental data. Supplemental data can be obtained during construction or prior to construction when actual foundation locations are finalized. Foundations should be established at least two feet below the lowest adjacent final grade, top of pavement or top of floor slab. Foundations may be designed to impose a dead- plus live-load pressure of 12,000 pounds per square foot. A one-third increase in the bearing value may be used for wind or seismic loads. The quoted bearing value is a net value and the weight of the concrete in foundations may be ignored when computing total loads.

An alternate to conventional footings would be drilled-and-belled caissons. Caissons could be utilized where an upper zone of caliche has to be penetrated to minimize the amount of upper caliche that would need to be removed. Caissons would need to be properly cleaned and inspected. Protection for workers and inspectors, plus a fresh-air supply would need to be provided.

Settlement

Settlement of the proposed hotel towers, supported as recommended and imposing the maximum anticipated column loads, is not expected to exceed one inch. Maximum differential settlement between adjacent columns is not expected to exceed 3/8 inch.

Doug Shealy 1-6-88

Site Period

The characteristic site period, Ts, was determined using estimated shear wave velocities of materials encountered in the explorations in conjunction with the equivalent single layer method (Uniform Building Code, 1982). The site period was estimated to be 1.2 seconds.

Lateral Loads

Lateral loads may be resisted by soil friction and by the passive resistance of the soils. A coefficient of friction of 0.35 may be used between concrete slabs and the supporting soils. A coefficient of friction of 0.50 may be used between foundations and caliche. The passive resistance of natural soils or properly compacted fill may be assumed to be equal to the pressure developed by a fluid with a density of 400 pounds per cubic foot. A one-third increase in the passive value may be used for wind or seismic loads. The passive resistance and the frictional resistance of the soils may be combined without reduction in determining the total lateral resistance.

Excavations

Natural soils may be excavated utilizing conventional equipment. However, cemented deposits will require special consideration where they are to be excavated. Contractors should satisfy themselves as to the hardness of deposits.

Dora Hale 1-6-88

Temporary unsurcharged construction excavations to a depth of 5 feet may be made vertically without shoring. For deeper excavations, slopes should not be made steeper than 1/2 to 1 (horizontal to vertical). Traffic and surcharge loads should be kept back at least ten feet from the top of the excavations. Exposed slopes should be kept moist (but not saturated) during construction. If there is insufficient space for sloped excavations, shoring should be used.

Grading

After removal of existing paving and base course, any existing fill soils, and loose or disturbed natural soils should be removed from within the proposed structure areas. Excavations should extend at least two feet beyond the structures, if practicable.

After performing required excavations, the exposed soils should be carefully inspected to verify removal of all unsuitable deposits. In areas to be filled, the exposed soils should be watered as necessary and compacted to at least 90 percent of the maximum density obtainable by the ASTM D1557 method. (Not necessary if caliche is exposed.) All required fill should be placed in loose lifts not over eight inches in thickness and compacted to at least 90 percent (95 percent for granular material). Moisture content at the time of compaction should be at or near optimum

Dona Hagerty 1-6-88

for granular soils and at two to four percent over optimum for fine-grained soils.

The clay soils are somewhat expansive and should not be allowed to dry out. If the clay soils dry out and/or crack, they should be moistened to at least optimum moisture content. As an alternate, any dried out or cracked soils could be removed and replaced with compacted fill.

The existing sand and gravel base beneath the asphalt paving will make excellent fill material. The asphalt, if properly broken up, can be used as fill material. Onsite clay soils are not suitable fill materials. Any required imported material should consist of relatively nonexpansive material and preferably predominantly granular soils. All imported material should be approved prior to importing.

Drainage and Moisture Protection

Subgrade soils should not be allowed to become saturated during or after construction. Grades should be such that drainage is away from the structures. Utility lines should be properly installed to avoid possible sources for subsurface saturation. It is important that all utility trenches be properly backfilled.

Concrete Slabs on Grade

Concrete slabs may be supported on properly prepared subgrade materials. A capillary break should be installed

Dora Hardy 1-6-88

beneath the floor slabs and the supporting subgrade. A four-inch layer of select material and/or a visqueen membrane covered with two inches of sand could be used as a moisture barrier. Select material should consist of primarily coarse-grained granular material with a maximum size of two inches and less than ten percent passing a No. 4 sieve. Onsite pavement base material would probably be satisfactory for use as the select material. The sand should be moistened, but not saturated, prior to placing concrete.

Recommendations presented in the American Concrete Institute manual should be complied with for all concrete placement and curing operations. Improper curing techniques and/or excessive slump (water-cement ratio) could cause excessive shrinkage, cracking or curling. Concrete slabs should be allowed to cure adequately before placing vinyl or other moisture sensitive floor covering.

Corrosivity

It is our opinion that the onsite soils possess sufficient concentrations of sulfate to be considered corrosive to metal and concrete. Type V or equivalent sulfate resistant cement should be used in all concrete in contact with onsite soils. Consideration should be given to providing protection to buried metal pipes or use of non-metallic pipe where permitted by local building codes.

Dona Hasely 1-6-88

Other Services

It is recommended that the Geotechnical Engineer be provided the opportunity for a general review of final design plans and specifications in order that recommendations may be properly interpreted and implemented.

The Geotechnical Engineer should be retained to provide services during excavation, grading, foundation and construction phases of the work. Examination of foundation excavations should be performed prior to placement of reinforcing and concrete to confirm that satisfactory bearing materials are present. Field and laboratory testing of concrete and steel should be performed to determine whether applicable requirements have been met.

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Dona Hasley 1-6-88

CLOSURE

In the event that any changes of the proposed hotel towers are planned, the conclusions and recommendations contained in this report shall be reviewed and the report shall be modified or supplemented as necessary.

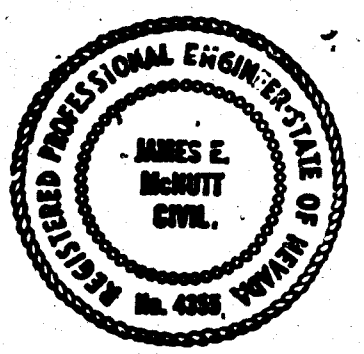
The analyses and recommendations in this report are based in part upon data obtained from the explorations. The nature and extent of variations beyond the explorations may not become evident until construction. If variations then appear evident, it may be necessary to reevaluate the recommendations of this report.

GEOTECHNICAL SERVICES

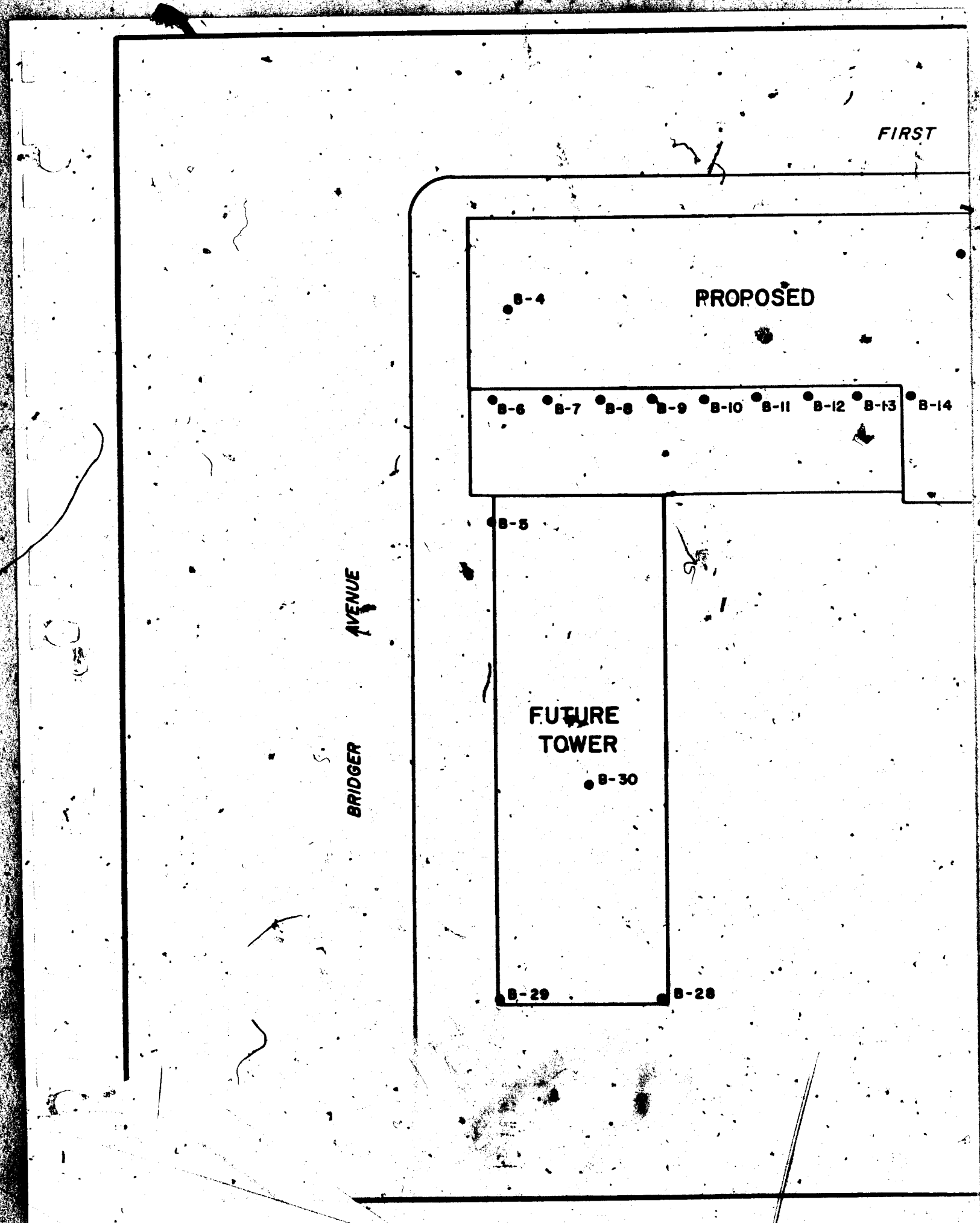
MARK J. OWENS, P.E.
Project Manager

JAMES E. McNUTT, P.E.
Vice President

rew



Dona Hasely / 1-6-88



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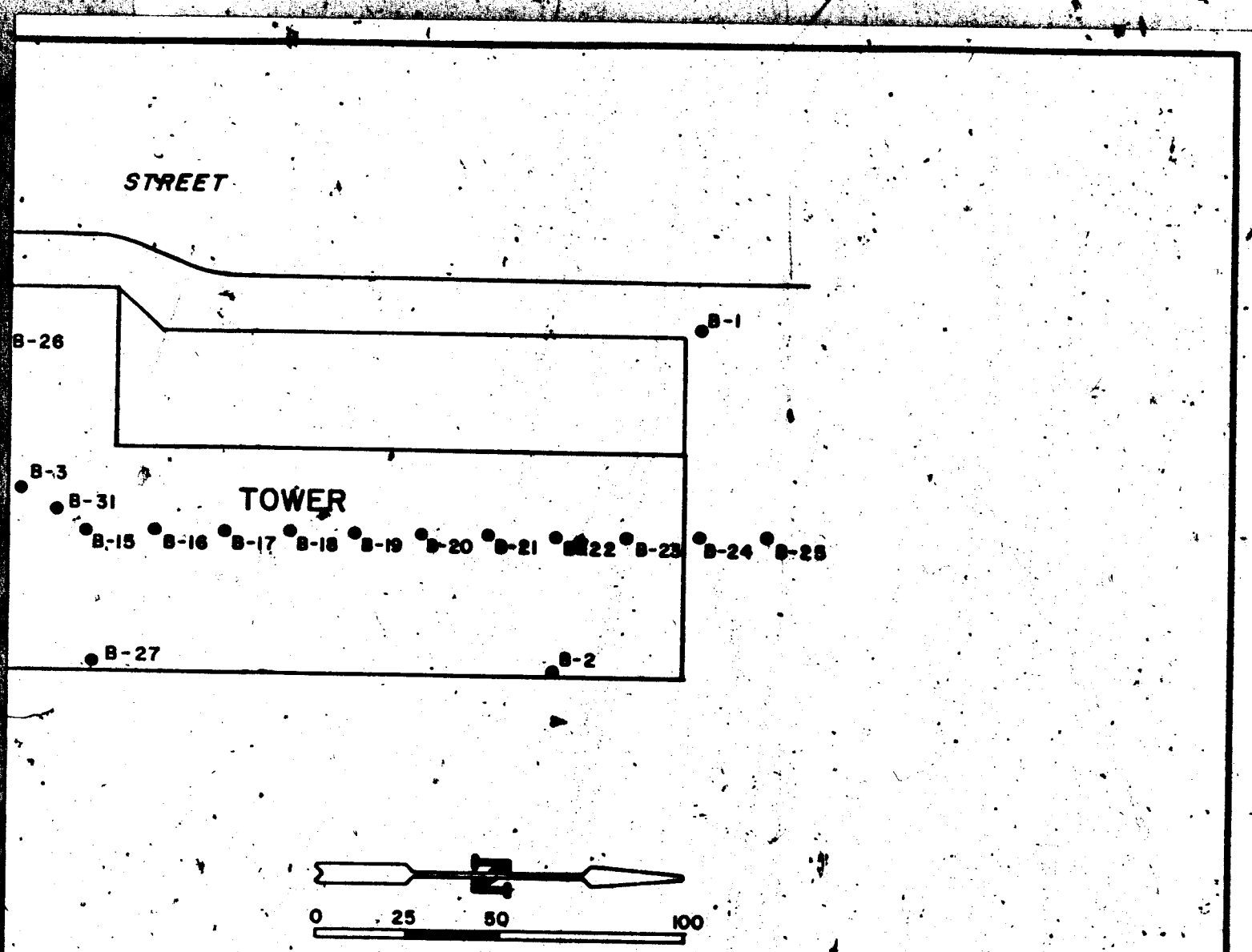

EXPLANATION:

B-1 ● APPROXIMATE BORING LOCATION

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PLOT PLAN

BY: ED DATE: 8-7-85 PROJECT NO.: 4125J184 PLATE NO.: 1

Dona Hasely 1-6-88

APPENDIX

Subsurface Explorations

The subsurface conditions of the site were explored by drilling 31 exploratory borings to depths ranging from 16 to 60 feet below existing grade. A rotary-air drill rig (Midway Model 13M) with a 4 1/2-inch diameter bit was used to drill the explorations.

Soils encountered were logged during drilling and samples were obtained to aid in classification and for laboratory testing. Logs of the borings are presented on Plates A-1 through A-32. Soils are classified in accordance with the Unified Soil Classification System. An explanation of material classifications used in this report is presented on Plate B.

Laboratory Tests

Field moisture content and dry density determinations were performed on undisturbed samples. Results of the tests are presented on the boring logs.

Direct shear tests were performed on samples to determine the strength of the upper soils. Tests were performed at field and increased moisture contents and at various surcharge pressures. Test results are presented on Plate C.

Consolidation tests were performed on samples to determine the compressibility of onsite materials. Test results are presented on Plate D-1 and D-2.

Dona Hanely 1-6-88.

DATE DRILLED: 9-7-84 BORING NO. 1 ELEVATION:

LOCATION: See Plate No. 1

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.** SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST
0					2" AC over 10" sand and gravel base		
				CL	SILTY CLAY - brown	moist	stiff
							v.stiff
5	7.1	108			CALICHE (Decomposed) - white	sl. moist	v.stiff to m.hard
				CL	SILTY CLAY - w[illegible]liche gravel, gray		
10	21.5	101	47		petroleum odor	moist	very stiff
15					large amount of caliche gravel, white	sl.moist	
						moist	
					CALICHE (Weathered) - white	dry	hard
20					CALICHE (Fresh) - white		v.hard
					Bottom at 20 feet		
25							
30							

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

* OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:
Water measured at 15 feet on 9-7-84

APPROV: BY: GSI3

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS . MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-1

Dona Hasely 1-6-88

DATE DRILLED: 9-7-84 BORING NO. 2 ELEVATION:

LOCATION: See Plate No. 1

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.** SAMPLES	SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						3" AC over 12" sand and gravel base		
					CL	SILTY CLAY - brown	moist	stiff
						CALICHE (Decomposed) - white	dry	v.stiff/ m.hard
5	11.4	107	C,S	29	CL	SILTY CLAY - w/caliche gravel, brown	sl.	very
10	14.1	116		32		lt. gray, petroleum odor	moist	stiff
							v.moist to wet	
						CALICHE (Decomposed) - white	sl. moist	mod. hard
15	10.2	121		65		CALICHE (Weathered) - white	dry	hard
						CALICHE (Fresh) - white		very hard
20						Bottom at 20 feet		
25								
30								

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING 370 LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water measured at 12 feet on 9-7-84

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: ____ BY: ____ GSI1

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PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-2

Dina Hasely 1-6-88

DATE DRILLED: 9-7-84 BORING NO. 3 ELEVATION:

LOCATION: See Plate No. 1

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						3" AC over 10" sand and gravel base		
					CL	SILTY CLAY - brown		stiff
5				23		gray, petroleum odor	moist	very stiff
						SANDY CLAY - gray		
						CALICHE (Decomposed) - lt.gray	dry	m.hard
10	14.7	111	S	36	CL	SILTY CLAY - w/caliche gravel, white	sl. moist	very stiff
15						CALICHE (Decomposed) - white	dry	m.hard
						CALICHE (Weathered) - white		hard
20	14.3	105		84	SM	SILTY SAND - w/gravel, lt. gray	wet	v.dense
						CALICHE (Weathered) - white	dry	hard
25	16.0	105		50/3"	CL	SILTY CLAY - w/caliche gravel, white	sl. moist	very stiff
							moist	
						CALICHE (Decomposed) - white	dry	m.hard
30					SM	SILTY SAND - w/caliche gravel, lt. brown	sl.moist	v.dense
				100/5"	CL	SILTY CLAY - w/caliche gravel, lt. brown	moist	very stiff
35						CALICHE (Decomposed) - white	dry	m.hard
						CALICHE (Weathered) - white		hard
					CL	SILTY CLAY - white		v.stiff
40				50/2"		CALICHE ((Decomposed) - white	sl. moist	m.hard
						Bottom at 40 feet		
45								
50								

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: ____ BY: ____

GSI2

* OTHER TESTS: C - CONSOLIDATION, A - ATTERBERG, S - SHEAR
G - GRAIN SIZE, E - EXPANSION, CH - CHEMICAL

** USING 370 LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

1. Water measured at 9 feet on 9-18-84

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PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-3

Dona Hasely 1-6-88

DATE DRILLED: 9-7-84 BORING NO. 4 ELEVATION:

LOCATION: See Plate No. 1

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						2½" AC over 12" sand and gravel base		
					CL	SILTY CLAY - brown		stiff
5	17.9	103		13		w/caliche gravel, lt. gray petroleum odor	moist	very stiff
10				50/5"		CALICHE (Weathered) - white	dry	hard
					CL	SILTY CLAY - w/caliche gravel, lt. gray	wet	very stiff
15	14.5	107	C,S	75		SANDY CLAY - lt. gray		
						SILTY CLAY - white		
						CALICHE (Weathered) - white	dry	hard
						CALICHE (Decomposed) - white		m.hard
						CALICHE (Weathered) - white		hard
20						CALICHE (Fresh - white		v.hard
						Bottom at 20 feet		
25								
30								

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

**USING 370 LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water measured at 11 feet on 9-7-84

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: ____ BY: ____

GSI GEOTECHNICAL SERVICES, INC.
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PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-4

GSI3

Dona Ana 1-6-85

DATE DRILLED: 9-7-84 BORING NO. 5 ELEVATION:

LOCATION: See Plate No. 1

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES	SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0							3" AC over 10" sand and gravel base		
						ML	SANDY SILT - w/clay, brown		
	22.3	100	S	17		CL	SILTY CLAY - brown	moist	stiff
5									very stiff
				50/4"			CALICHE (Decomposed) - white	dry	v.stiff to m.hard
10							CALICHE (Fresh) - white		v.hard
						CL	SILTY CLAY - w/caliche gravel and sand, white	wet	very stiff
15							CALICHE (Decomposed) - white	dry	m.hard
							CALICHE (Weathered) - white		hard
							CALICHE (Fresh) - white		v.hard
20							CALICHE (Decomposed) - white		m.hard
							Bottom at 20 feet.		
25									
30									

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: _____ BY: _____ GSJ

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING 370 LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water measured at 10½ feet on 9-7-84

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS : MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-6

Done Sheet 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 6 ELEVATION:

LOCATION: Column B-2

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.** SAMPLES	SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST
0						AC over sand and gravel base		
					ML	SANDY SILT - dark brown	moist	stiff
5					CL	SILTY CLAY - brown		
						w/caliche gravel, lt, brown lt. gray, petroleum odor	sl. moist	very stiff
						CALICHE (Decomposed) - white	dry	m.hard
10						CALICHE (Weathered) - white		hard
					CL	SILTY CLAY - w/caliche gravel, lt. gray	very moist	very stiff
15						CALICHE (Decomposed) - white	dry	m.hard
					CL	SILTY CLAY - white	sl moist	V.stiff
						CALICHE (Weathered) - white	dry	hard
						Bottom at 16½ feet		
20								
25								
30								

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THIS TIME. LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

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PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-6

Dina Hoesly 1-6 88

DATE DRILLED: 9-18-84 BORING NO. 7 ELEVATION:

LOCATION: Column B-3

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES	SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0							AC over sand and gravel base		
						ML	SANDY SILT - dark brown		
						CL	SILTY CLAY - brown	moist	stiff
5							w/caliche gravel, lt. brown	sl. moist	very stiff
							lt. gray		v.s./m.h.
							CALICHE (Decomposed) - white		m.hard
10							CALICHE (Weathered) - white	dry	hard
							CALICHE (Fresh) - white		v.hard
15						CL	SILTY CLAY - w/caliche gravel, gray white	wet	very stiff
							CALICHE (Weathered) - white	sl.moist dry	hard
							Bottom at 16½ feet		
20									
25									
30									

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: ____ BY: ____

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established

GSI GEOTECHNICAL SERVICES, INC.

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PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-7

GSI3

Dona Hensley 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 8 ELEVATION:

LOCATION: Column B-4

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES	SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0							AC over sand and gravel base		
						CL	SILTY CLAY - brown	moist	stiff
5							w/caliche gravel, white	sl. moist	very stiff
10							CALICHE (Weathered) - white	dry	hard
							CALICHE (Decomposed) - white		m.hard
						CL	SILTY CLAY - w/caliche gravel, lt.gray	wet	v.stiff
							CALICHE (Decomposed) - white	dry	m.hard
						CL	SILTY CLAY - white	wet	v.stiff
							CALICHE (Decomposed) - white	dry	m.hard
15						CL	SILTY CLAY - white	moist	v.stiff
							CALICHE (Weathered) - white	dry	hard
20							Bottom at 16 feet		
25									
30									

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR
G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER.

NOTES:

Water level not established

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

BY: APPROV:

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PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-8

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Dona Hasely 10-88

DATE DRILLED: 9-18-84 BORING NO. 9 ELEVATION:

LOCATION: Column B-5

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.** SAMPLES	SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						AC over sand and gravel base		
					ML	SANDY SILT - brown	moist	stiff
					CL	SILTY CLAY - brown		
5						gray	v.moist	
						w/caliche gravel, lt. gray	sl. moist	very stiff
						petroleum odor		
						CALICHE (Decomposed) - white	dry	m.hard
10						CALICHE (Weathered) - white		hard
						CALICHE (Fresh) - white		v.hard
						CALICHE (Weathered) - white		hard
					CL	SILTY CLAY - w/caliche gravel, lt. gray	very moist	very stiff
15							sl. moist	
						CALICHE (Decomposed) - white	dry	m.hard
					SM	SILTY SAND - w/clay and caliche gravel	sl. moist	v.dense
						CALICHE (Weathered) - white	dry	hard
20						Bottom at 18 feet		
25								
30								

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

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GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-9

Dona Hasely 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 10 ELEVATION:
LOCATION: Column B-6

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.** SAMPLES	SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						AC over sand and gravel base		
					ML	SANDY SILT - brown	moist	stiff
					CL	SILTY CLAY - brown		
5						w/caliche gravel, lt. brown	v.moist	
						lt. gray to white	sl. moist	very stiff
10						CALICHE (Weathered) - white	dry	hard
					CL	SILTY CLAY - w/caliche gravel, lt.gray	wet	v.stiff
						CALICHE (Decomposed) - white	dry	m.hard
					CL	SILTY CLAY - lt. gray	wet	very stiff
						CALICHE (Decomposed) - white	sl.moist dry	m.hard
15					CL	SILTY CLAY - w/caliche gravel, white	wet	very stiff
						CALICHE (Decomposed) - white	dry	m.hard
					CL	SILTY CLAY - w/caliche gravel, white	wet	v.stiff
						CALICHE (Weathered) - white	dry	hard
20						Bottom at 18 feet		
25								
30								

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

BY: _____ APPROV: _____

*OTHER TESTS; C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-10

GSI3

Dona Haesly 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 11 ELEVATION:

LOCATION: Column B-7

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						AC over sand and gravel base		
					CL	SILTY CLAY - brown	moist	stiff
							v.moist	
5						w/caliche gravel, lt. brown	sl. moist	very stiff
						lt. gray to gray		
						CALICHE (Decomposed) - white	dry	m.hard
10						CALICHE (Weathered) - white		hard
						CALICHE (Fresh) - white		v.hard
						CALICHE (Decomposed) - white		m.hard
						CALICHE (Weathered) - white		hard
					CL	SILTY CLAY - w/caliche gravel, white	sl.moist	v.stiff
						CALICHE (Decomposed) - white	dry	m.hard
15						CALICHE (Weathered) - white		hard
					CL	SILTY CLAY - w/caliche gravel, white	wet	very stiff
						CALICHE (Weathered) - white	dry	hard
20						Bottom at 16½ feet		
25								
30								

* THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established

APPROV: BY: GSI3

GSI GEOTECHNICAL SERVICES, INC.

GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-11

Dina Hanley 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 12 ELEVATION:

LOCATION: Column B-8

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						AC over sand and gravel base		
					CL	SILTY CLAY - brown	moist	stiff
						w/caliche gravel, lt. brown	sl. moist	very stiff
						lt. gray		
10						CALICHE (Decomposed) - white	dry	m.hard
						CALICHE (Weathered) - white		hard
						CALICHE (Decomposed) - white		mod. hard
15					CL	SILTY CLAY - w/caliche gravel, white	moist	very stiff
						CALICHE (Weathered) - white	dry	hard
						Bottom at 16½ feet		
20								
25								
30								

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:
Water level not established

APPROV: BY: GSI3

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-I2

Dona Sheely 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 13 ELEVATION:

LOCATION: Column B-9

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES	SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0							AC over sand and gravel base		
						CL	SILTY CLAY - brown	moist	stiff
5							w/caliche gravel, lt. brown	sl. moist	very stiff
							CALICHE (Decomposed) - white	dry	mod. hard
10							CALICHE (Weathered) - white		hard
						CL	SILTY CLAY - w/caliche gravel, lt.gray	wet	v.stiff
							CALICHE (Weathered to Fresh) - white	dry	hard
15						CL	SILTY CLAY - w/caliche gravel, lt. gray	very moist	very stiff
							CALICHE (Decomposed) - white	dry	m.hard
						CL	SILTY CLAY - w/caliche gravel, white	moist	v.stiff
							CALICHE (Weathered) - white	dry	hard
20							Bottom at 17 feet		
25									
30									

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:
Water level not established

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: ____ BY: ____

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-3054-1

BORING LOG AND TEST SUMMARY

PLATE A-13

GSI3

Dona Hisely 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 14 ELEVATION:

LOCATION: Column B-10

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES	SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0							AC over sand and gravel base		
						CL	SILTY CLAY - brown	moist	stiff
5							w/caliche gravel, lt. gray	sl. moist	very stiff
							petroleum odor		v.s./m.h.
10							CALICHE (Decomposed) - white	dry	m.hard
							CALICHE (Weathered) - white		hard
15						CL	SITLY CLAY - w/caliche gravel, lt. gray	very moist to wet	very stiff
							CALICHE (Weathered) - white	dry	hard
							Bottom at 16½ feet		
20									
25									
30									

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:
Water level not established

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-14

GSI3 BY: APPROV:

Dona Sheets 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 15 ELEVATION: /
LOCATION: Column B-12

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						AC over sand and gravel base		
					CL	SILTY CLAY - brown	moist	stiff
					ML	SANDY SILT - brown		
					CL	SILTY CLAY - brown	sl. moist	stiff to very stiff
10						CALICHE (Decomposed) - gray	sl.moist	m.hard
					CL	SILTY CLAY - w/caliche gravel, lt. gray	very moist	very stiff
15						CALICHE (Decomposed) - white		m.hard
						CALICHE (Weathered) - white	dry	hard
20						Bottom at 16½ feet		
25								
30								

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: ____ BY: ____

* OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-15

Dona Hasely 1-6-88

DATE DRILLED: 9-13-84 BORING NO. 16 ELEVATION:
LOCATION: Column B-13

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES	SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0							AC over sand and gravel base		
						CL	SILTY CLAY - brown	moist	stiff
5							w/caliche gravel, lt. brown	sl. moist	very stiff
							lt. gray, petroleum odor		
10							CALICHE (Decomposed) - lt. gray	dry to sl.moist	mod. hard
						CL	SILTY CLAY - w/sand and caliche gravel, lt. brown	very moist	very stiff
							CALICHE (Decomposed) - white	dry	m.hard
15						CL	SILTY CLAY - w/caliche gravel, white	very moist	very stiff
							CALICHE (Decomposed) - white	dry	m.hard
							CALICHE (Weathered) - white		hard
20									
25									
30									

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: BY:

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

**USING 140 LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER.

NOTES:
Water level not established

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1654-1

BORING LOG AND TEST SUMMARY

PLATE A-16

GSI3

Dona Ana Co. 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 17 ELEVATION:
LOCATION: Column B-14

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						AC over sand and gravel base		
					CL	SILTY CLAY - brown	sl. moist to moist	stiff
5						w/caliche gravel, lt. brown	sl.moist	v.s./m.h.
						CALICHE (Decomposed) - white	dry	m.hard
					CL	SILTY CLAY - w/caliche gravel, white	moist	very stiff
10						CALICHE (Decomposed) - white	dry	m.hard
					CL	SILTY CLAY - white	moist	stiff to v.stiff
15						w/caliche gravel	sl.moist	very stiff
							moist	
						CALICHE (Decomposed) - white	dry	m.hard
						CALICHE (Weathered) - white		hard
20						Bottom at 17½ feet		
25								
30								

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR
G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

BY: ____ APPROV: ____

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-17

GSI3

Dona Ana Co. f 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 18 ELEVATION:

LOCATION: Column B-15

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST
0						AC over sand and gravel base		
					CL	SILTY CLAY - brown	moist	stiff
5						w/caliche gravel, lt. brown		v.stiff
						CALICHE (Decomposed) - white	dry	v.s./m.h.
					CL	SILTY CLAY - w/caliche gravel, gray	moist	m.hard
10						CALICHE (Decomposed) - white	sl.moist	very stiff
					CL	SILTY CLAY - w/caliche gravel, lt. gray to white	sl. moist to moist	m.hard
15							very moist	very stiff
						CALICHE (Decomposed) - white	dry	m.hard
					CL	SILTY CLAY - w/caliche gravel, white	moist	v.stiff
20						CALICHE (Decomposed) - white	dry	m.hard
						Bottom at 20 feet		
25								
30								

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR
G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: ____ BY: ____ GSI3

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-18

Dona Sheely 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 19 ELEVATION:

LOCATION: Column B-16

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS	BLOWS/FT.** SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0					AC over sand and gravel base		
				CL	SILTY CLAY - brown	moist	stiff
					w/caliche gravel, lt. brown	sl.moist	v.stiff
5					CALICHE (Decomposed) - white	dry	m.hard
				CL	SILTY CLAY - w/caliche gravel, white	sl. moist	very stiff / v.stiff / m.hard
10					CALICHE (Decomposed) - white	dry	m.hard
				CL	SILTY CLAY - w/caliche gravel, white	v.moist	stiff
						sl.moist	v.stiff
15						very moist	stiff to very stiff
					CALICHE (Decomposed) - white	dry	m.hard
					CALICHE (Weathered) - white		hard
20					Bottom at 18 feet		
25							
30							

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR
G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

**USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:
Water level not established

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THIS TIME. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: ____ BY: ____

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-19

GSI3

Dona Hoesly 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 20 ELEVATION:

LOCATION: Column B-17

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						AC over sand and gravel base		
					CL	SILTY CLAY - dark brown/black	moist	stiff
5						lt. gray	sl. moist	very stiff
						CALICHE (Decomposed) - white	dry	m.hard
					CL	SILTY CLAY - w/caliche gravel, lt. brown	sl. moist	very stiff
10						CALICHE (Decomposed) - white	dry	m.hard
					CL	SILTY CLAY - w/caliche gravel, lt. gray	v.moist	stiff
							sl. moist	very stiff
15							moist	stiff to v.stiff
						CALICHE (Decomposed) - white	dry	mod. hard
						CALICHE (Weathered) - white		hard
20						Bottom at 17½ feet		
25								
30								

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR
G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING 1½B. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV.: BY: GSI

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-20

Dona Ghezzi 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 21 ELEVATION:

LOCATION: Column B-18

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES	SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0							AC over sand and gravel base		
						CL	SILTY CLAY - brown	sl. moist	stiff
5							w/caliche gravel, lt. brown		v.stiff
							CALICHE (Decomposed) - white	dry	m.hard
						CL	SILTY CLAY - white	moist	very stiff
10							lt. gray to gray		
							CALICHE (Decomposed) - white	dry	m.hard
						CL	SILTY CLAY - w/caliche gravel, white	moist	stiff
								sl.moist	very
15								moist	stiff
							CALICHE (Decomposed) - white	dry	m.hard
						CL	SILTY CLAY - w/caliche gravel, white	sl.moist	v.stiff
							CALICHE (Decomposed) - white		m.hard
							CALICHE (Weathered) - white	dry	hard
20							Bottom at 17½ feet		
25									
30									

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: _____ BY: _____

GSI GEOTECHNICAL SERVICES, INC.

GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-21

GSI3

Dona Hasely 1-6-88

DATE DRILLED: 9-18-84. BORING NO. 22 ELEVATION:

LOCATION: Column B-19

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES	SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0							AC over sand and gravel base		
						CL	SILTY CLAY - brown	moist	stiff
5							CALICHE (Decomposed) - white	dry	mod. hard
						CL	SILTY CLAY - w/caliche gravel, white	sl. moist	very stiff
							CALICHE (Decomposed) - white	dry	m.hard
10						CL	SILTY CLAY - w/caliche gravel, lt. gray	moist	stiff
							no caliche gravel, white	sl. moist	very stiff
15							CALICHE (Decomposed) - white	dry	mod. hard
							CALICHE (Weathered) - white		hard
20							Bottom at 17 feet		
25									
30									

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

BY: _____ APPROV: _____

GSI3

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established

GSI GEOTECHNICAL SERVICES, INC.

GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-22

Dona Hanely 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 23 ELEVATION:

LOCATION: Column B-20

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						AC over sand and gravel base		
					CL	SILTY CLAY - brown	moist	stiff
5						CALICHE (Decomposed) - white	dry	m.hard
					CL	SILTY CLAY - w/caliche gravel, grown	sl. moist	stiff
10						lt. gtay, petroleum odor	moist	stiff to very stiff
								v.stiff
15						CALICHE (Decomposed) - white	very moist	stiff
					CL	SILTY CLAY - w/caliche gravel, white	dry	m.hard
						CALICHE (Decomposed/Weathered)-white	sl.moist	v.stiff
						Bottom at 17 feet	dry	m.h./hard
20								
25								
30								

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR
G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:
Water level not established

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

BY: _____ APPROV: _____

GSI3

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-23

Dona Hanely 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 24 ELEVATION:

LOCATION: Column B-21

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.** SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0					AC over sand and gravel base		
				CL	SILTY CLAY - brown	moist	stiff
5					CALICHE (Decomposed) - white	sl.moist	m.hard
				CL	SILTY CLAY - w/caliche gravel, white		
10					lt. gray, petfoleum odor	moist	stiff
					lt. gray to white		
15							v.stiff
					CALICHE (Decomposed) -white		m.hard
					CALICHE (Weathered)- white	dry	hard
20					Bottom at 17½ feet		
25							
30							

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR
G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:
Water level not established

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: ____ BY: ____ GSI3

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-24

Dana Hinesley 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 25 ELEVATION:

LOCATION: Column B-22

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						AC over sand and gravel base		
					CL	SILTY CLAY - brown	moist	stiff
5						lt. brown w/caliche gravel	sl. moist	very stiff
						lt. gray, petroleum odor		
10						CALICHE (Decomposed) - lt. gray	dry	mod. hard
					CL	SILTY CLAY - w/caliche gravel, gray	v.moist	st./v.stiff
						no caliche gravel, lt. gray	sl. moist	very stiff
15						CALICHE (Decomposed) - white	dry	m.hard
					CL	SILTY CLAY - w/caliche gravel, white	very moist	very stiff
						CALICHE (Decomposed/Weathered)-white	dry	m.h./hard
20						Bottom at 17 feet		
25								
30								

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: ____ BY: ____ GSI

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-25

Dona Hanley 1-6-88

DATE DRILLED: 9-18-84 BORING NO. 26 ELEVATION:

LOCATION: Column A.3-M

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						AC over sand and gravel base		
						CL SILTY CLAY - brown,	moist	stiff
5						w/caliche gravel, lt. brown		
						lt. gray, petroleum odor	sl. moist	very stiff
10						CALICHE (Decomposed) - white	dry	m.hard
						CALICHE (Weathered) - white		hard
						CL SILTY CLAY - w/caliche gravel, white	sl.moist	v.s. (m.h.
						CALICHE (Decomposed) - white	dry	mod. hard
						CALICHE (Weathered) - white		hard
15						CL SILTY CLAY - w/caliche gravel, lt.gray	wet	v.stiff
						CALICHE (Weathered) - white	dry	hard
						CL SILTY CLAY - w/caliche gravel, lt.gray	wet	v.stiff
						CALICHE (Weathered) - white	dry	hard
20						Bottom at 17 feet		
25								
30								

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: _____ BY: _____

GS13

GSI GEOTECHNICAL SERVICES, INC.

GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-26

Dona Sheely 4-6-88

DATE DRILLED: 9/18/84 BORING NO. 27 ELEVATION:

LOCATION: Column C-12

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLE SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST
0						AC over sand and gravel base		
					CL	SILTY CLAY - brown	moist	stiff
5						w/caliche gravel, lt. brown	sl. moist	very stiff
						lt. gray, petroleum odor		
								V.S./m.h.
10						CALICHE (Decomposed) - white	dry	mod. hard
					CL	SILTY CLAY - w/caliche gravel, lt.gray	set	v.stiff
						CALICHE (Decomposed) - white	dry	m.hard
15					CL	SILTY CLAY - w/caliche gravel, lt. gray	wet	very stiff
						CALICHE (Decomposed) - white		m.hard
						CALICHE (Weathered) - white	dry	hard
20						Bottom at 16 feet		
25								
30								

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

* OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR, G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:
Water level not established

BY: APPROV:

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. E-1054-1

BORING LOG AND TEST SUMMARY

PLATE A-27

GSI3

Done Hand 1-6-88

DATE DRILLED: 7-23-85 BORING NO. 28 ELEVATION: 2019.2 feet

LOCATION: See Plate No. 1

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT. SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0					3" AC over Sand and Gravel Base		
5	18.2	99		19	CL SILTY CLAY - w/caliche gravel, lt. brown	moist	Stiff
10					CALICHE (Weathered) - white		hard
					Fresh	dry	v. hard
					Decomposed petroleum odor		m. hard
15					Fresh		v. hard
					Weathered		hard
					CL SILTY CLAY - w/caliche gravel, white	v moist	stiff
20					CALICHE (Fresh) - white	dry	v. Hard
					Bottom at 20 feet.		
25							
30							
35							
40							
45							
50							

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

BY: _____ PROV. _____

GSI

* OTHER TESTS: C - CONSOLIDATION, A - ATTERBERG, S - SHEAR, G - GRAIN SIZE, E - EXPANSION, CH - CHEMICAL

** USING 370 LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established

GSI GEOTECHNICAL SERVICES INC.

GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. 41251184

BORING LOG AND TEST SUMMARY

PLATE A-28

Dona Ford 1-6-88

DATE DRILLED: 7-24-85 BORING NO.: 29 ELEVATION: 2019.2 feet

LOCATION: See Plate No. 1

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.** SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0					3" AC over Sand and Gravel Base		
				CL	SILTY CLAY - w/sand and caliche gravel, brown	moist	stiff
5					gray, petroleum odor	v.moist	
					CALICHE (Fresh) - white	dry	very hard
10	24.0	101			SILTY CLAY - w/caliche gravel, gray	very moist	stiff
15				50/2"			
20					CALICHE (Fresh) - white Weathered Decomposed Weathered	dry	v. hard hard m. hard hard
				72/6"			
25					CL SILTY CLAY - w/caliche gravel	v.moist	v.stiff
					Bottom at 24½ feet		
30							
35							
40							
45							
50							

* OTHER TESTS: C - CONSOLIDATION, A - ATTERBERG, S - SHEAR
G - GRAIN SIZE, E - EXPANSION, CH - CHEMICAL

** USING 370 LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:
Water measured at 9' 15 hours after completion of drilling.

THIS SUMMARY APPLIES ONLY AT THE LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV. BY GSI

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. 41253184

BORING LOG AND TEST SUMMARY

PLATE A-29

Dona Hasely 1-6-88

DATE DRILLED: 7-24-85 BORING NO. 30 ELEVATION: 2019.3 feet
LOCATION: See Plate No. 1

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT.**	SAMPLES SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						3"AC over Sand and Gravel Base		
					CL	SILTY CLAY - brown	moist	stiff
5	29.1	90		18		gray, petroleum odor	v.moist	firm
						CALICHE (Weathered) - white	dry	hard / m. hard
10						Decomposed		very hard
						Fresh		
					CL	SILTY CLAY - partially cemented layers, white	v.moist	stiff
15				58/9"		CALICHE (Decomposed) - white		m. hard / v.hard
						Fresh	dry	hard
20						Weathered		very hard
						Fresh		
				65/6"	CL	SILTY CLAY - w/caliche gravel, white	v.moist	v.stiff
25						Bottom at 23½ feet.		
30								
35								
40								
45								
50								

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: _____ BY: _____

* OTHER TESTS: C - CONSOLIDATION, A - ATTERBERG, S - SHEAR
G - GRAIN SIZE, E - EXPANSION, CH - CHEMICAL

** USING 370 LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established.

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS-TESTING

PROJECT NO. 4125J184

BORING LOG AND TEST SUMMARY

PLATE A-30

81

Dona Kleist 6-6-88

DATE DRILLED: 7-24-85 BORING NO. 31 ELEVATION: 2022.5 feet
LOCATION: See Plate No. 1

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS*	BLOWS/FT. SAMPLES	SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
0						2.5" AC over Sand and Gravel Base		
					CL	SILTY CLAY - w/sand, brown	moist	stiff
5						gray, petroleum odor		
						w/gravel	very moist	
10						CALICHE (Weathered) - white	dry	hard
						Fresh		v. hard
						Decomposed		m. hard
15					CL	SILTY CLAY - w/caliche gravel	moist	stiff
						CALICHE (Fresh) - white	dry	v. hard
					CL	SILTY CLAY - w/caliche gravel	v.moist	stiff
20						CALICHE (Decomposed) - white	dry	m. hard
						Fresh		very hard
25	13.3	120		10	CL	SILTY CLAY - w/caliche gravel, white	moist	very
						partially cemented		
30						no cementation	very moist	
35	27.0	107		10		partially cemented	moist	stiff
40						CALICHE (Decomposed) - white	dry	m. hard
	26.7	99		30	CL	SILTY CLAY - w/caliche gravel, reddish-brown	very moist	firm
45								
50								stiff

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APROV: ____ BY: ____ GSIZ

*OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR
G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

**USING 370 LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:
Water level not established

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS . MATERIALS TESTING

PROJECT NO. 4125J184

BORING LOG AND TEST SUMMARY

PLATE A-31

Dina Haeslyt 1-6-88

DATE DRILLED: 7-24-85
LOCATION: See Plate No. 1

BORING NO. 31 (con't) ELEVATION: 2022.5 feet

DEPTH IN FEET	FIELD MOISTURE %	DRY DENSITY PCF	OTHER TESTS *	BLOWS/FT. ** SAMPLES	SYMBOL	SOIL DESCRIPTION	MOISTURE	CONSIST.
50					CL	SILTY CLAY - w/sand, white		
55	28.1	93		30			moist	stiff
60	23.1	91		29				
						Bottom at 60 feet		
65								
70								
75								
80								
85								
90								
95								
100								

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

* OTHER TESTS: C-CONSOLIDATION, A-ATTERBERG, S-SHEAR G-GRAIN SIZE, E-EXPANSION, CH-CHEMICAL

** USING 370LB. DRIVING WEIGHT AND 2.625 INCH (I.D.) DIAMETER SAMPLER

NOTES:

Water level not established.

BY: _____ APPROV: _____ GSI

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. 4125J184

BORING LOG AND TEST SUMMARY

PLATE A-32

Dona Sheely 1-6-88

MAJOR DIVISIONS			Group Symbols	TYPICAL NAMES
COARSE GRAINED SOILS More than 50% of material is Larger than the No. 200 sieve.	GRAVELS More than 50% of coarse part is larger than the No.4 sieve	CLEAN GRAVELS Little or no fines	GW	Well graded gravels, gravel-sand mixtures, little or no fines.
			GP	Poorly graded gravels or gravel-sand mixtures, little or no fines.
		GRAVELS WITH FINES Appreciable amt of fines	GM	Silty gravels, gravel-sand-silt mixtures.
			GC	Clayey gravels, gravel-sand-clay mixtures.
	SANDS More than 50% of coarse part is smaller than the No.4 sieve	CLEAN SANDS Little or no fines	SW	Well graded sands, gravelly sands, little or no fines.
			SP	Poorly graded sands or gravelly sands, little or no fines.
		SANDS WITH FINES Appreciable amt of fines	SM	Silty sands, sand-silt mixtures.
			SC	Clayey sands, sand-clay mixtures.
FINE GRAINED SOILS More than 50% of material is smaller than No. 200 sieve.	SILTS AND CLAYS Liquid limit LESS than 50		ML	Inorganic silts & very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
			CL	Inorganic clays of low to med. plasticity, gravelly clays, sandy clays, silty clays, lean clays.
			OL	Organic silts and organic silty clays of low plasticity.
	SILTS AND CLAYS Liquid limit GREATER than 50		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
			CH	Inorganic clays of high plasticity, fat clays.
			OH	Organic clays of medium to high plasticity, organic silts.
HIGHLY ORGANIC SOILS			Pt	Peat and other highly organic soils.

BOUNDARY CLASSIFICATIONS: Soils possessing characteristics of two groups are designated by combinations of group symbols.

PARTICLE SIZE LIMITS

silt or clay	sand			gravel		cobbles	boulders
	fine	medium	coarse	fine	coarse		

No.200 No.40 No.10 No.4 3/4" 3" 12"

U.S. STANDARD SIEVE SIZE

DESCRIPTIVE TERMS USED WITH SOILS

CONSISTENCY			MOISTURE CONTENT
	Silts and Clays	Sands and Gravels	
Strongest ↑	very stiff	very dense	Wettest ↑ wet
	stiff	dense	very moist
	firm	medium dense	moist
Weakest	soft	loose	slightly moist
			Driest dry

DESCRIPTIVE TERMS USED WITH CALICHE AND CEMENTED SOILS.

	CALICHE	CEMENTED SAND AND GRAVEL	IDENTIFICATION TEST USING KNIFE AND STANDARD GEOLOGIST'S HAMMER
Strongest ↑	very hard	very hard	Difficult to scratch or break.
	hard	hard	Scratches leave only dust, requires many hammer blows to break.
	moderately hard	moderately hard	Can be readily cut with knife and crumbles with several hammer blows.
Weakest	partially cemented	partially cemented	Gouges easily with knife and crumbles readily with a few blows of a hammer

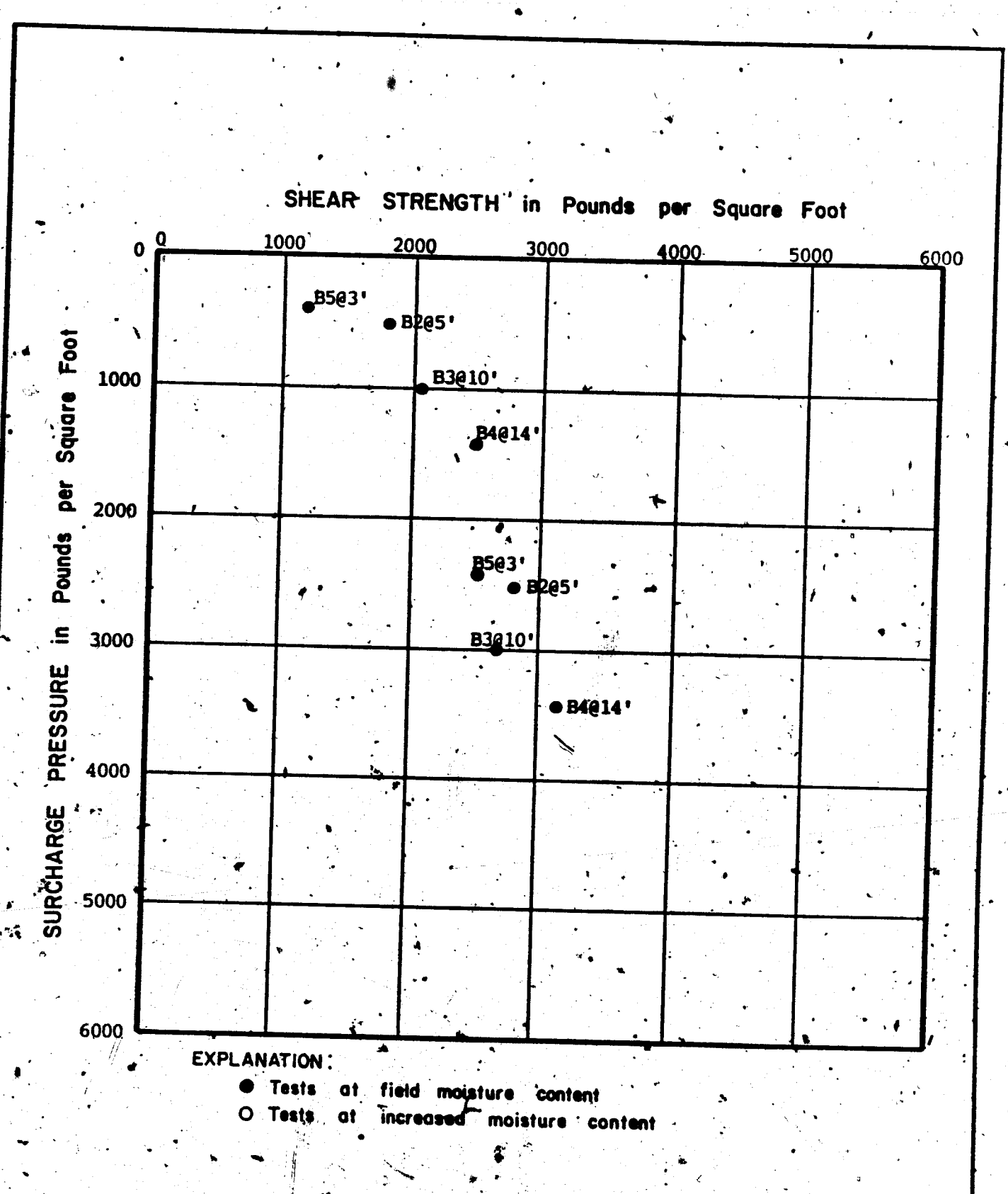
GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO.

EXPLANATION OF MATERIAL CLASSIFICATIONS

PLATE B

Dona Sheely 1-6-88



GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

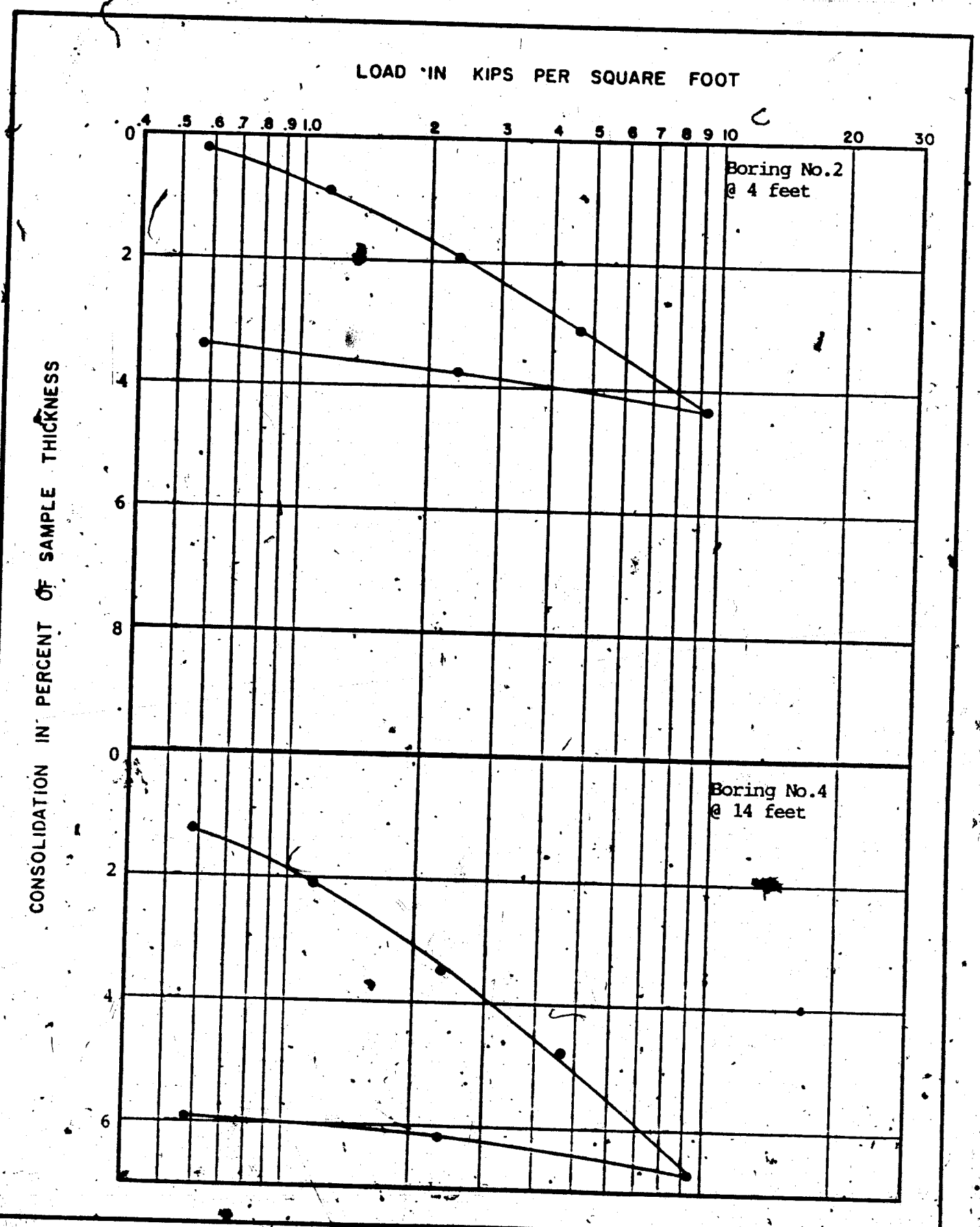
PROJECT NO. E-1054-1

DIRECT SHEAR TEST DATA

PLATE C

GSI11

Dona Haesly 1-6-88



GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

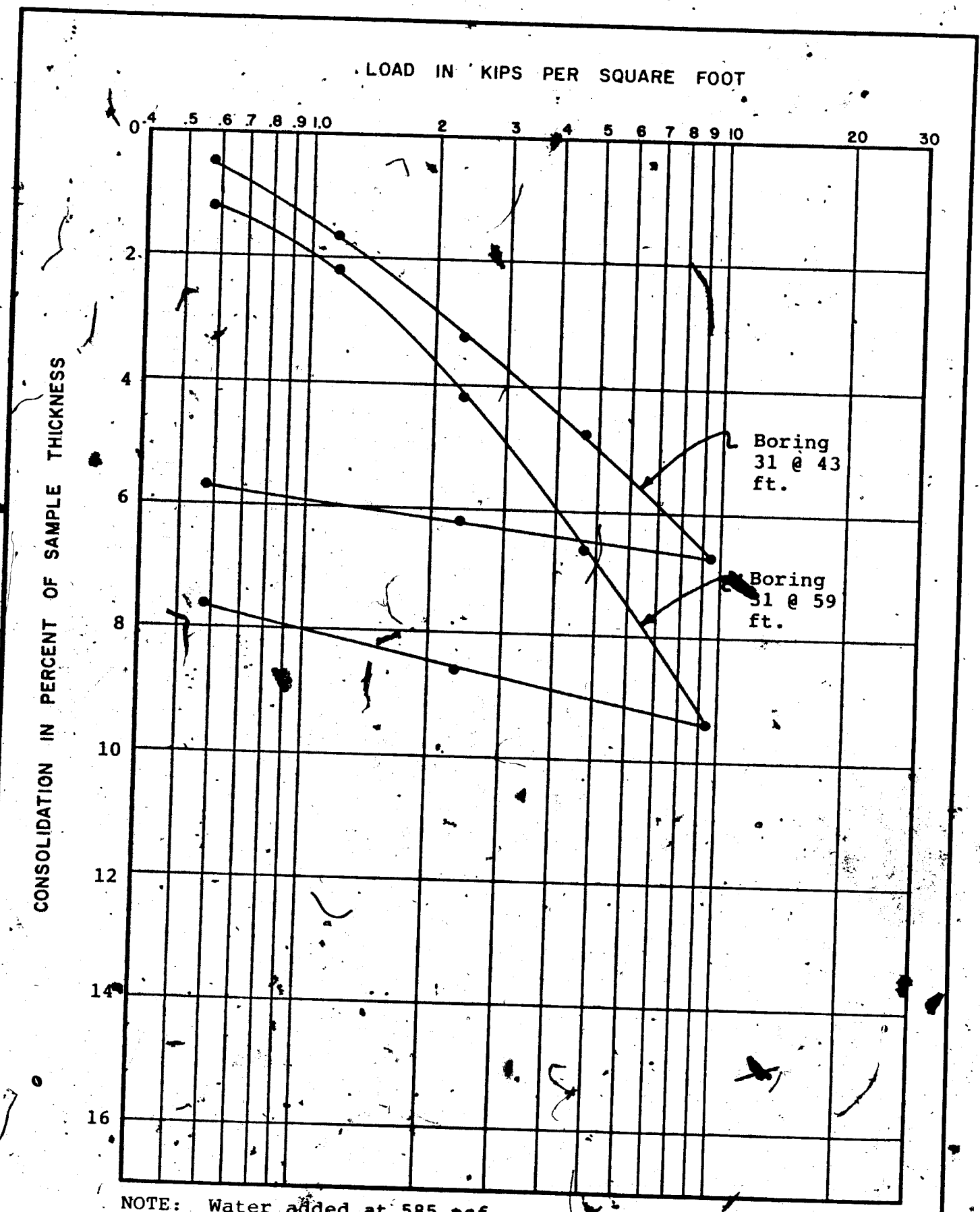
PROJECT NO. E-1054-1

CONSOLIDATION TEST DATA

PLATE D-1

GSI-8

Dona Hasely 1-6-88



NOTE: Water added at 585 psf

GSI GEOTECHNICAL SERVICES, INC.
GEOTECHNICAL CONSULTANTS • MATERIALS TESTING

PROJECT NO. 4125J184

CONSOLIDATION TEST DATA

PLATE D-2

Dona Hardy • 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Client [redacted] GNLV
Project Hotel Towers
Location NEC Bridger & 1st
Prime Contractor Sierra Const

Job No. 4145 J182
Lab./Invoice No.
Report No. 1 Date 11/6/85
Time of Report 2:05 PM
Superintendent Marty

In accordance with the request of Sierra Const a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WTI~~ GSI Soil Engineering Report No. 4125 J 184-A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

The following foundation excavations were reviewed:

Elevator Core

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) (~~did not~~) meet project requirements.

☒ Soil bearing recommendations presented in ~~WTI~~ GSI Soil Engineering Report No. 4125 J 184-A for foundations bearing on Caliche (do) (~~do not~~) remain applicable.

☒ Foundation excavations (~~did~~) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

Exceptions and/or remarks:

OK

Scott W. Davis
Review By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Client GVLV
Project Hotel Tower
Location 1st + Bridger
Prime Contractor Sierra

Job No. 4125J182
Lab Invoice No.
Report No. Date 11-13-85
Time of Report 9:45 AM
Superintendent ~~Dwight~~ MARTY

In accordance with the request of Sierra Const a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~the~~ GSI Soil Engineering Report No. 4125J184-A
- ☒ Check for debris and loose or disturbed soils in bottom of foundations excavations.
- ☐ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) (~~did not~~) meet project requirements.
- ☒ Soil bearing recommendations presented in ~~the~~ GSI Soil Engineering Report No. 4125J184-A for foundations bearing on Caliche (do) (~~do not~~) remain applicable.
- ☒ Foundation excavations (~~do~~) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

The following foundation excavations were reviewed: C-8, 10, 11

Exceptions and/or remarks:
OK

Review By

129 E. Fremont
SPEC REPORTS

Done Hand - 1-6-85

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4125J182

Client GNLV — Lab./Invoice No.

Project Hotel Tower — Report No. — Date 1-13-85

Location 1st + Bridger — Time of Report 2:50 PM

Prime Contractor Sierra — Superintendent Doyle Marty

In accordance with the request of Sierra a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WT~~ Soil Engineering Report No. 4125J184-A GSI
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☐ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) (~~did not~~) meet project requirements.
- ☒ Soil bearing recommendations presented in ~~WT~~ GSI Soil Engineering Report No. 4125J184-A for foundations bearing on Caliche (do) (~~do not~~) remain applicable.
- ☒ Foundation excavations (did) (~~did not~~) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

The following foundation excavations were reviewed:

K-13, 14, 15, 25, 26

Exceptions and/or remarks:

loose material to be removed in referenced footing excavations.

Scott W. Davis
Review By

Dona Healy 11-6-85

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. A145J182
Client GNRV
Lab./Invoice No.
Project Hotel Tower
Report No. Date 11-14-85
Location 1st & Bridger
Time of Report 1:40 PM
Prime Contractor Sierra
Superintendent Mardy

In accordance with the request of Sierra
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☑ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☑ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WT~~ GSI Soil Engineering Report No. A125J184-A

☑ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☑ Depth of foundation excavations (did) (did not) meet project requirements.

☑ Soil bearing recommendations presented in ~~WT~~ GSI Soil Engineering Report No. A125J184-A for foundations bearing on Caliche (do) (~~do not~~) remain applicable.

☑ Foundation excavations (~~did~~) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:
E-21, 22, 23
C-5, 6
K-16, 17, 18

Exceptions and/or remarks:
OK

Scott W. Davis
Review By

Dona Hasel 1-6-85

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145J182

Client GNLV

Lab./Invoice No.

Project Hotel Tower

Report No: Date 11-15-85

Location 1st & Bridger

Time of Report 1:30 PM

Prime Contractor Sierra Superintendent Marty

In accordance with the request of Sierra a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☑ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☑ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~the~~ GSI Soil Engineering Report No. 4125J184-A

☑ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☑ Depth of foundation excavations (did) (~~did not~~) meet project requirements.

☑ Soil bearing recommendations presented in ~~the~~ GSI Soil Engineering Report No: 4125J184-A for foundations bearing on: Caliche (do) (~~do not~~) remain applicable.

☑ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:

K-19, 20, 23, 24
D-5, 6, 8, 10, 11
B-3

Exceptions and/or remarks:

OK

Scott W. Davis
Review By

Dona Hasley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Job No. 4145J182

Client GNLV Lab./Invoice No.

Project 1st & Bridger Hotel Tower Report No. Date 11-18-85

Location 1st & Bridger Time of Report 1:45 PM

Prime Contractor Sierra Superintendent Marty

In accordance with the request of Sierra Const.
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WT~~ Soil Engineering Report No. 4125J184-A GSI.

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) (~~did not~~) meet project requirements.

☒ Soil bearing recommendations presented in ~~WT~~ Soil Engineering Report No. 4125J184-A GSI for foundations bearing on Caliche (do) (~~do not~~) remain applicable.

☒ Foundation excavations (~~did~~ (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:

B - 5, 6, 8, 10, 11, 12
C - 5
F - 5, 6, 8, 10, 11, 12
J - 12
K - 27, 28, 30

Exceptions and/or remarks:

OK

Review By

Donna Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Job No. 4145 J182

Client GNLV

Lab./Invoice No.

Project Hotel Tower

Report No. Date 11-19-85

Location 1st & Bridger

Time of Report 10:00 AM

Prime Contractor Sierra Const.

Superintendent Marty

In accordance with the request of Sierra a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WTI~~ GSI Soil Engineering Report No. 4125J184-A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) (~~did not~~) meet project requirements.

☒ Soil bearing recommendations presented in ~~WTI~~ GSI Soil Engineering Report No. 4125J184-A for foundations bearing on Caliche (do) (~~do not~~) remain applicable.

☒ Foundation excavations (did) (~~did not~~) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:

B-1, 13, 14, 15
C-1, 2, 12

Exceptions and/or remarks:

Loose material to be removed from B-15 & B-12

Scott W. Davis
Review By

Dona Hanley 12-6-85

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 41455182

Client GNKV

Lab./Invoice No.

Project Hotel Tower

Report No. Date 11-19-85

Location 1st & Bridger

Time of Report 12:15

Prime Contractor Sierra

Superintendent Marty

In accordance with the request of Sierra a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WT~~ GSE Soil Engineering Report No. 41255184-A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) (~~did not~~) meet project requirements.

☒ Soil bearing recommendations presented in ~~WT~~ GSE Soil Engineering Report No. 41255184-A for foundations bearing on Caliche (do) (~~do not~~) remain applicable.

☒ Foundation excavations (~~did~~) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:

D-1
B-16

Exceptions and/or remarks:

OK

Scott W. Davis
Review By

Dona Hasley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145J182

Client GNLV — Lab./Invoice No.

Project Hotel Tower — Report No. — Date 11-20-85

Location 1st & Bridger — Time of Report 9:15 AM

Prime Contractor Sierra — Superintendent Marty

In accordance with the request of Sierra Const a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~the~~ GSI Soil Engineering Report No. 4125J184-A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) (~~did not~~) meet project requirements.

☒ Soil bearing recommendations presented in ~~the~~ GSI Soil Engineering Report No. 4125J184-A for foundations bearing on Caliche (do) (~~do not~~) remain applicable.

☒ Foundation excavations (~~did~~) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☒ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:

D-2
F-1
B-17, 18
K-20, 21, 22

Exceptions and/or remarks:

OK

Scott W. Davis
Review By

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Job No. 4113J182
Client GNLV
Lab./Invoice No.
Project Hotel Tower
Report No. Date 11-20-85
Location 13th & Bridger
Time of Report 12:50 PM
Prime Contractor Sierra Superintendent Mardy

In accordance with the request of Sierra a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WT~~ CSI Soil Engineering Report No. A125J184-A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) (~~did not~~) meet project requirements.

☒ Soil bearing recommendations presented in ~~WT~~ CSI Soil Engineering Report No. A125J184-A for foundations bearing on Caliche (do) (~~do not~~) remain applicable.

☒ Foundation excavations (did) (~~did not~~) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:

H-25, 26, 30
B-19, 20
F-3

Exceptions and/or remarks:

OK

Review By

Dona Hawley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Job No. 4145J182
Client GNLV
Lab./Invoice No.
Project Hotel Tower
Report No. Date 11-21-85
Location 1st & Bridger
Time of Report 10:00AM
Prime Contractor Sierra Const Superintendent Marty

In accordance with the request of Sierra
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~the~~ GSI Soil Engineering Report No. 4125J184-A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) (~~did not~~) meet project requirements.

☒ Soil bearing recommendations presented in ~~the~~ GSI Soil Engineering Report No. 4125J184-A for foundations bearing on Caliche (do) (~~do not~~) remain applicable.

☒ Foundation excavations (~~did~~) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:
H-27, 28, 29

Exceptions and/or remarks:
OK

Scott W. Davis
Review By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Client GNLV — Job No. 4145J182

Project Hotel Towers — Lab./Invoice No.

Location 1st + Bridger — Report No. — Date 11-21-85

Prime Contractor Sierra — Time of Report 1:00 PM

Superintendent Marty

In accordance with the request of Sierra Const a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- [x] Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- [x] Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WCT~~ GSI Soil Engineering Report No. 4125J184-A
- [x] Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- [ ] Check conformity of foundation dimensions with project plan requirements.
- [ ] Check conformity of foundation reinforcement in the excavations with project requirements.
- [ ] Other

With the exceptions stated below, the review revealed that:

- [x] Depth of foundation excavations (did) (~~did not~~) meet project requirements.
- [x] Soil bearing recommendations presented in ~~WCT~~ GSI Soil Engineering Report No. 4125J184-A for foundations bearing on Caliche (do) (~~do not~~) remain applicable.
- [x] Foundation excavations (~~did~~) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- [ ] Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- [ ] Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- [ ] Other

The following foundation excavations were reviewed:

G-27

Exceptions and/or remarks:

OK

Scott W. Davis
Review By

Brad Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Client GNLV
Job No. 4145J182
Project 1st + Bridger Hotel Tower
Lab./Invoice No.
Location 1st & Bridger
Report No. Date 11-22-85
Prime Contractor Sierra
Time of Report 8:20 AM.
Superintendent Marty

In accordance with the request of Sierra
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- [x] Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- [x] Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~the~~ GSI Soil Engineering Report No. 4125J184-A
- [x] Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- [ ] Check conformity of foundation dimensions with project plan requirements.
- [ ] Check conformity of foundation reinforcement in the excavations with project requirements.
- [ ] Other

With the exceptions stated below, the review revealed that:

- [ ] Depth of foundation excavations (did) (~~did not~~) meet project requirements.
- [x] Soil bearing recommendations presented in ~~the~~ GSI Soil Engineering Report No. 4125J184-A for foundations bearing on Caliche (do) (~~do not~~) remain applicable.
- [x] Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- [ ] Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- [ ] Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- [ ] Other

The following foundation excavations were reviewed:

E-24
G-26, 28, 29

Exceptions and/or remarks:

OK

Scott W. Sears
Review By

Dona Wesley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Client GNLV
Project Hotel Tower
Location 1st & Bridger
Prime Contractor Sierra

Job No. 4125J18E
Lab./Invoice No.
Report No. Date 11-22-85
Time of Report 1:25 PM
Superintendent Marty

In accordance with the request of Sierra Const. a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☑ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☑ Verify that the disturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WT~~ GSI Soil Engineering Report No. 4125J184-A

☑ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☑ Depth of foundation excavations (did) (~~did not~~) meet project requirements.

☑ Soil bearing recommendations presented in ~~WT~~ GSI Soil Engineering Report No. 4125J184-A for foundations bearing on Caliche (do) (~~do not~~) remain applicable.

☑ Foundation excavations (~~did~~) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:

E-27
G-30

Exceptions and/or remarks:

OK

Review By Scott W. Davis

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Job No. 4125J182

Client GNLV — Lab./Invoice No.

Project Hotel Tower — Report No. — Date 11-25-85

Location 1st & Bridger — Time of Report 11:00 AM

Prime Contractor Sierra Const — Superintendent Marty

In accordance with the request of Sierra a review of the excavations for foundations on the above-referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~the~~ GSI Soil Engineering Report No. 4125J184-A
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☐ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) (~~did not~~) meet project requirements.
- ☒ Soil bearing recommendations presented in ~~the~~ GSI Soil Engineering Report No. 4125J184-A for foundations bearing on Caliche (do) (~~do not~~) remain applicable.
- ☒ Foundation excavations (~~do~~) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

The following foundation excavations were reviewed:

E-28, 29, 30

Exceptions and/or remarks:

OK

(E-28 on lower caliche layer)
(From previous inspections, E-27, G-27, G-28 were founded on lower caliche layer)

Scott W. Davis
Review By

Done Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145J182

Client GNLV

Lab./Invoice No.

Project Golden Nugget Exp-Area D

Report No. Date 12-23-85

Location 1st & Bridger

Time of Report 9:50 AM

Prime Contractor Sierra

Superintendent Marty

In accordance with the request of Sierra
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☑ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☑ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~Woodward-Clyde~~ GSI Soil Engineering Report No. 4125J184-A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☑ Depth of foundation excavations (did) (~~did not~~) meet project requirements.

☑ Soil bearing recommendations presented in ~~Woodward-Clyde~~ GSI Soil Engineering Report No. 4125J184A for foundations bearing on dense material (do) (~~do not~~) remain applicable.

☒ Foundation excavations (~~did~~) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:

L8-39

Exceptions and/or remarks:

OK

Scott W. Davis
Review By

Done Check 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Job No. A145J182

Client GNLV

Lab./Invoice No.

Project Hotel - Galleria

Report No. Date 12-26-85

Location 1st & Bridger

Time of Report 1:05 PM

Prime Contractor Sierra

Superintendent Marty

In accordance with the request of Sierra a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WTI Soil Engineering Report No. 4125J184A
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☐ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) (did not) meet project requirements.
- ☒ Soil bearing recommendations presented in WTI Soil Engineering Report No. 4125J184-A for foundations bearing on dense material (do) (do not) remain applicable.
- ☒ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

The following foundation excavations were reviewed:

L.8 - 33, 34, 36, 37, 38
J.7 - 38, 39
P - 33, 34, 35

Exceptions and/or remarks:

OK

Scott W. Davis
Review By

Dona Hawley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Job No. 4145J182

Client GULV

Lab./Invoice No.

Project Hotel - Galleria

Report No. Date 12/27/85

Location 1st & Bridger

Time of Report 2:40 PM

Prime Contractor Sierra Superintendent Marty

In accordance with the request of Sierra a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WTI~~ GSI Soil Engineering Report No. 4125J184-A.
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☐ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) (~~did not~~) meet project requirements.
- ☒ Soil bearing recommendations presented in ~~WTI~~ GSI Soil Engineering Report No. 4125J184-A for foundations bearing on Caliche (do) (~~do not~~) remain applicable.
- ☒ Foundation excavations (did) (~~did not~~) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

The following foundation excavations were reviewed:

B.5-32
C.8-32
G.3-32
J.5-32

Exceptions and/or remarks:

Clean out all loose material to caliche.

Scott W. Davis
Review By

Dona Healy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Job No. 4145)182
Client ATLANTIA, DESIGN
Lab./Invoice No.
Project GNCV - TOWER
Report No. Date 1-2-85
Location 1st & Carlson
Time of Report
Prime Contractor Sierra Const. Superintendent Marty

In accordance with the request of Marty @ Sierra Const
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☑ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☑ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WTI~~ GSI Soil Engineering Report No. 4125)184-A

☑ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other Foundations were for low rise portion of structure

With the exceptions stated below, the review revealed that:

☑ Depth of foundation excavations (did) (did not) meet project requirements.

☑ Soil bearing recommendations presented in ~~WTI~~ GSI Soil Engineering Report No. 4125)184-A for foundations bearing on undisturbed natural soil (do) (do not) remain applicable.

☑ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☑ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:

A.5 @ 31 & 32

Exceptions and/or remarks:

clean out loose material to caliche

Mark J. Owens
Review By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145J183

Client Atlantic Design — Lab./Invoice No.

Project GNLV - Tower — Report No. 1 Date 1-3-86

Location 1st & Bridger — Time of Report 1:00

Prime Contractor Sierra Const — Superintendent Monty

In accordance with the request of Mark of Sierra
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☑ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☑ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WTI~~ GSI Soil Engineering Report No. 4125J184-A
- ☑ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☑ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

With the exceptions stated below, the review revealed that:

- ☑ Depth of foundation excavations (did) (did not) meet project requirements.
- ☑ Soil bearing recommendations presented in ~~WTI~~ GSI Soil Engineering Report No. 4125J184-A for foundations bearing on CALICHE (do) (do not) remain applicable.
- ☑ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☑ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

The following foundation excavations were reviewed:

A-1 A-8
A-3 A-10
A-5 A-11
A-6 A-12

Exceptions and/or remarks:

Loose soils to be removed

Mark J. Owens
Review By

Dona Healy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Job No. 4145182
Client ATLANDIA - DESIGN
Lab./Invoice No.
Project GNLV - TOWER
Report No. Date 1-13-86
Location
Time of Report 12:00
Prime Contractor Sierra Construction Superintendent Manty

In accordance with the request of
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- [X] Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- [X] Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WTI Soil Engineering Report No. 4125184-A
- [X] Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- [X] Check conformity of foundation dimensions with project plan requirements.
- [X] Check conformity of foundation reinforcement in the excavations with project requirements.
- [ ] Other

With the exceptions stated below, the review revealed that:

- [X] Depth of foundation excavations (did) (did not) meet project requirements.
- [X] Soil bearing recommendations presented in WTI Soil Engineering Report No. 4125184-A for foundations bearing on CALICHE (do) (do not) remain applicable.
- [X] Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- [X] Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- [ ] Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- [ ] Other

The following foundation excavations were reviewed:

A-20 : A.5-24
A-18 : A.5-25
A-16 A.5-24
A-15 A.5-00
A-14 A.5-29
A-13

Exceptions and/or remarks:

Clean out bottoms

Mark J. Owens
Review By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145184

Client Atlantis Design — Lab./Invoice No. ____

Project GNLV - Tower — Report No. ____ Date 1-13-88

Location 1st and Carson — Time of Report 2:00

Prime Contractor Sierra Construction — Superintendent Marty

In accordance with the request of Marty
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125184A
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☒ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) (did not) meet project requirements.
- ☒ Soil bearing recommendations presented in WT Soil Engineering Report No. 4125184-A for foundations bearing on CALICHE (do) (do not) remain applicable.
- ☒ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☒ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

The following foundation excavations were reviewed:

A-17
A-20
A-23
A-27

Exceptions and/or remarks:

Mark J. Quirus
Review By

Dona Shirley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145-1182

Client AHanlon Design

Lab./Invoice No.

Project GNLV - Tower

Report No. Date 1-13-96

Location 1st & Carson

Time of Report 2:00

Prime Contractor Sierra Const. Superintendent Marty

In accordance with the request of Marty a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- [X] Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- [X] Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. _____
- [X] Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- [X] Check conformity of foundation dimensions with project plan requirements.
- [ ] Check conformity of foundation reinforcement in the excavations with project requirements.
- [ ] Other _____

With the exceptions stated below, the review revealed that:

- [X] Depth of foundation excavations (did) (did not) meet project requirements.
- [X] Soil bearing recommendations presented in WT Soil Engineering Report No. 4125-1164-A for foundations bearing on Caliche (do) (do not) remain applicable.
- [X] Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- [X] Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- [ ] Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- [ ] Other _____

The following foundation excavations were reviewed:

A-17 A-5-20
A-5-23
A-5-(24)

Exceptions and/or remarks:

Clean out loose material

[redacted] Mark J. Owens
Review By

Dona Hanely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145J182
Client Atlantis Design Lab./Invoice No.
Project GNLV-Tower Report No. Date 1-14-86
Location 1st & Cactus Time of Report 9:30
Prime Contractor Sierra Const. Superintendent Marty

In accordance with the request of
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125184-A
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☒ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) (did not) meet project requirements.
- ☒ Soil bearing recommendations presented in WT Soil Engineering Report No. 4125184-A for foundations bearing on CALICHE (do) (do not) remain applicable.
- ☒ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☒ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

The following foundation excavations were reviewed:

A-19
A-S-21

Exceptions and/or remarks:

Clean out loose material

Mark J. Owens
Review By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Job No. 4145J182
Client Atlandia Design
Lab./Invoice No.
Project GNLV - Tower
Report No. Date 1-20-86
Location 1st & Carson
Time of Report 11:00
Prime Contractor Sierra Const. Superintendent Marty

In accordance with the request of Marty Sibella
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- [X] Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- [X] Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125184-A
- [X] Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- [X] Check conformity of foundation dimensions with project plan requirements.
- [ ] Check conformity of foundation reinforcement in the excavations with project requirements.
- [ ] Other

With the exceptions stated below, the review revealed that:

- [X] Depth of foundation excavations (did) (did not) meet project requirements.
- [X] Soil bearing recommendations presented in WT Soil Engineering Report No. 4125184-A for foundations bearing on CALICHE (do) (do not) remain applicable.
- [X] Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- [X] Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- [ ] Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- [ ] Other

The following foundation excavations were reviewed:

E-25
E-26
G-21

Exceptions and/or remarks:

Still some wet clay to G-21
Closed out at G-21

Mark J. Chrisney
Review By

Dina Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Client Allandale Design
Project GNLV - Tower
Location 1st & Cashman
Prime Contractor Sierra Const.

Job No. 4145184
Lab./Invoice No.
Report No. Date 1-21-88
Time of Report
Superintendent Monty Sibella

In accordance with the request of Monty Sibella a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- [X] Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- [X] Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125184-A.
- [X] Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- [X] Check conformity of foundation dimensions with project plan requirements.
- [ ] Check conformity of foundation reinforcement in the excavations with project requirements.
- [ ] Other

The following foundation excavations were reviewed:

H-13 G-22
G-13 G-23
C-14
C-15
C-16

With the exceptions stated below, the review revealed that:

- [X] Depth of foundation excavations (did) (did not) meet project requirements.
- [X] Soil bearing recommendations presented in WT Soil Engineering Report No. 4125184-A for foundations bearing on CALICHE (do) (do not) remain applicable.
- [X] Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- [X] Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- [ ] Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- [ ] Other

Exceptions and/or remarks:

Loose material in H-13

Approx 6" mud in Bottom of G-22

Mark J. Arona
Review By

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145J182

Client GNLV

Lab./Invoice No.

Project HOTEL TOWER

Report No. Date 1-21-86

Location 1st & Bridger

Time of Report 11:30 AM

Prime Contractor SIERRA

Superintendent MARTY

In accordance with the request of SIERRA CONST a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by Soil Engineering Report No. 4145J184-A 6SI

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) (~~did not~~) meet project requirements.

☒ Soil bearing recommendations presented in ~~the~~ Soil Engineering Report No. 4145J184-A 6SI for foundations bearing on CALICHE (do) (~~do not~~) remain applicable.

☒ Foundation excavations (did) (~~did not~~) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:

COLUMN FOOTINGS lines
H-14 & 15
C-17
G-24 & 25
C-

Exceptions and/or remarks:

OK

K. Smith
Review By

Dona Haisley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145182
Client Atlantis Design
Lab./Invoice No.
Project GNLV-Tower
Report No. Date 1-22-88
Location 1st & Carson
Time of Report 11:00
Prime Contractor Sierra Constr. Superintendent Monty Shellen

In accordance with the request of Monty a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- [X] Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- [X] Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125184-A
- [X] Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- [X] Check conformity of foundation dimensions with project plan requirements.
- [ ] Check conformity of foundation reinforcement in the excavations with project requirements.
- [ ] Other

The following foundation excavations were reviewed:

C-19
C-20
H-16
H-17
H-18
H-24

With the exceptions stated below, the review revealed that:

- [X] Depth of foundation excavations (did) (did not) meet project requirements.
- [X] Soil bearing recommendations presented in WT Soil Engineering Report No. 4125184-A for foundations bearing on CALICHE (do) (do not) remain applicable.
- [X] Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- [X] Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- [ ] Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- [ ] Other

Exceptions and/or remarks:

Mont S. Owen
Review By

Dona Hasely 1-6-87

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No, 4145182

Client Athena Design — Lab./Invoice No.

Project GOLV - Tower — Report No. — Date 1-22-86

Location 1st & Carson — Time of Report 3:15

Prime Contractor Sierra Construction — Superintendent Monty Sibella

In accordance with the request of Monty Sibella a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☑ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☑ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125184-A

☑ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☑ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

The following foundation excavations were reviewed:

H-19
H-20
H-23

With the exceptions stated below, the review revealed that:

☑ Depth of foundation excavations (did) (did not) meet project requirements.

☑ Soil bearing recommendations presented in WT Soil Engineering Report No. 4125184-A for foundations bearing on CALICHE (do) (do not) remain applicable.

☑ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☑ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

Exceptions and/or remarks:

Loose Material in H-23

Mark J. Ousley
Review By

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Client Atlandia
Project Golden Nugget Tower
Location
Prime Contractor Sierra Construction
Job No. 4146J182*
Lab./Invoice No.
Report No. Date 1-23-86
Time of Report
Superintendent Marty Sibella

In accordance with the request of Marty Sibella a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☐ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WTI~~ GSI Soil Engineering Report No. 4125J184-A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

The following foundation excavations were reviewed:

With the exceptions stated below, the review revealed that:

☐ Depth of foundation excavations (did) (did not) meet project requirements.

☒ Soil bearing recommendations presented in ~~WTI~~ GSI Soil Engineering Report No. 4125J184-A for foundations bearing on cemented sands & gravels/caliche (do) ~~(do not)~~ remain applicable.

☒ Foundation excavations ~~(did)~~ (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

Exceptions and/or remarks:
Foothgs H-21
H-22

Review By

Dona Neely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Job No. 4145T182

Client Atlandia — Lab./Invoice No.

Project Golden Nugget Tower — Report No. — Date 1-23-86

Location — Time of Report 3:00 p.m.

Prime Contractor Sierra Const. — Superintendent Marty Sibella

In accordance with the request of Marty Sibella a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WCT~~ GSI Soil Engineering Report No. 4125T184-A
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☐ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) (did not) meet project requirements.
- ☒ Soil bearing recommendations presented in ~~WCT~~ GSI Soil Engineering Report No. 4125T184-A for foundations bearing on compacted soils + gravel/caliche (do) ~~(do not)~~ remain applicable.
- ☒ Foundation excavations ~~(did)~~ (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

The following foundation excavations were reviewed:

spread footings J-2, J-4, J-7, J-9

Exceptions and/or remarks:

Scott Neely
Review By

Dona. Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Job No. 4145-J182
Lab./Invoice No.
Report No. ____ Date 1-24-86
Time of Report 11:30 a.m.
Superintendent Marty Sibella

Client Atlandia
Project Golden Nugget Tower
Location
Prime Contractor Sierra Const.

In accordance with the request of Marty Sibella a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☐ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WTI~~ GSI Soil Engineering Report No. 4125-J184-A
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☐ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

The following foundation excavations were reviewed:

~~Spread footings~~
Column footings B.7 on 1
C.7 on 1

With the exceptions stated below, the review revealed that:

- ☐ Depth of foundation excavations (did) (did not) meet project requirements.
- ☒ Soil bearing recommendations presented in ~~WTI~~ GSI Soil Engineering Report No. 4125-J184-A for foundations bearing on compacted cooling / caliche (do) ~~(do not)~~ remain applicable.
- ☒ Foundation excavations ~~(did)~~ (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

Exceptions and/or remarks:

Scott Neely
Review By

Dona Hoesly 1-6-88

corrected copy

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Client Atlandia Design — Job No. 4145J182

Project Golden Nugget - Hi Rise — Lab./Invoice No.

Location Pit + Bridge — Report No. — Date 2-5-88

Prime Contractor Sierra Const — Time of Report

Superintendent Marty

In accordance with the request of Marty a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125J184-A

☑ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☑ Depth of foundation excavations (did) ~~(did not)~~ meet project requirements.

☑ Soil bearing recommendations presented in WT Soil Engineering Report No. 4125J184-A for, foundations bearing on CALICHE (do) ~~(do not)~~ remain applicable.

☑ Foundation excavations ~~(did)~~ (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:

Continious Mat Footing on lines: 2-XX,Z
9-XX,Z
Z-2to9
SPREAD FOOTING 35L.8, 2W

Exceptions and/or remarks:

Jeffrey T Glagola
Review By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

Sunshine Plaza
430 West, 145 North
St. George, Utah 84770
(801) 628-2883

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145J182

Client GNLV

Lab./Invoice No.

Project HOTEL TOWER

Report No: Date 2-5-86

Location 1st & Bridger

Time of Report

Prime Contractor SIERRA CONST Superintendent MARTY

In accordance with the request of SIERRA
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by [redacted] Soil Engineering Report No. 4125J184-A GSI
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☐ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) (did not) meet project requirements.
- ☒ Soil bearing recommendations presented in WT Soil Engineering Report No. 4125J184-A for foundations bearing on CALICHE (do) (do not) remain applicable.
- ☒ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or dist[redacted]d soil should be removed from bottoms of excavations before placing concrete.
- ☐ Excavation dimensions (did) (did not) meet minimum project pla[redacted]quirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

The following foundation excavations were reviewed:
Footing column LINES X-Z From 2-9

Exceptions and/or remarks:

K. Singh
Review By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

Sunshine Plaza
430 West, 145 North
St. George, Utah. 84770
(801) 628-2883

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145T182

Client Orlandis Lab./Invoice No.

Project Golden Nugget Hi-Rise Report No. Date 2-10-86

Location 1ST + BRIDGER Time of Report 2:00 PM

Prime Contractor Sierra Const. Superintendent Marty

In accordance with the request of Marty a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. _____

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other _____

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) [redacted] meet project requirements.

☒ Soil bearing recommendations presented in WT Soil Engineering Report No. 4125T134A for foundations bearing on CALICHE (do) [redacted] remain applicable.

☒ Foundation excavations [redacted] (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other _____

The following foundation excavations were reviewed:

Spread footings - 2V, 9U
9V, 9W, +9T
32M, 6JJ.

Exceptions and/or remarks:

Jeffrey D. Hegsted
Review By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

Sunshine Plaza
430 West, 145 North
St. George, Utah 84770
(801) 628-2883

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145J182
Client Atlandia
Lab./Invoice No.
Project Golden Nugget Hi-Rise
Report No. Date 2-11-88
Location 1st + Fremont
Time of Report 10:30
Prime Contractor Burns Const. Superintendent Marty

In accordance with the request of Marty a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☑ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125J184A
- ☑ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☐ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) (~~did not~~) meet project requirements.
- ☑ Soil bearing recommendations presented in WT Soil Engineering Report No. 4145J184A for foundations bearing on CALICHE (do) (~~do not~~) remain applicable.
- ☑ Foundation excavations (~~did~~) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

The following foundation excavations were reviewed:
spread footings - 2W + 2V.

Exceptions and/or remarks:

Jeffrey D Glogola
Review By

Dona Hasely 1-6-83

WESTERN TECHNOLOGIES INC.

Sunshine Plaza
430 West, 145 North
St. George, Utah 84770
(801) 628-2883

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145T182

Client Atlandia Lab./Invoice No.

Project Golden Nugget Towers Report No. Date 2-24-83

Location 1st + Bridger Time of Report 2:00 PM

Prime Contractor Sierra Const Superintendent Marty

In accordance with the request of Marty
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☑ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125T184A

☑ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

The following foundation excavations were reviewed:

SPREAD FOOTING - 30 M.G

With the exceptions stated below, the review revealed that:

☑ Depth of foundation excavations (did) [redacted] meet project requirements.

☑ Soil bearing recommendations presented in WT Soil Engineering Report No. 4125T184A for foundations bearing on CALICHE (do) [redacted] remain applicable.

☑ Foundation excavations [redacted] (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

Exceptions and/or remarks:

Review By

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.

Sunshine Plaza
430 West, 145 North
St. George, Utah 84770
(801) 628-2883

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Job No. 4145T182
Lab./Invoice No.
Report No. ____ Date 3-27-86
Time of Report 3:30 PM
Superintendent

Client Atlandia
Project Golden Nugget Towers
Location 1st + Bridger
Prime Contractor Aerial Court

In accordance with the request of Marty a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125T184A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

The following foundation excavations were reviewed:
spread footings on line-M6, at 29, 28, 27, 26, 25, 24, 23, 22, 21, 20, 19

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) [redacted] meet project requirements.

☒ Soil bearing recommendations presented in WT Soil Engineering Report No 4125T184A for foundations bearing on FIRST LAYER OF CALICHE (do) ([redacted]) remain applicable.

☒ Foundation excavations ([redacted]) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

Exceptions and/or remarks:

Jeffrey F Glyptis
Review By

Doris Hawley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145T182

Client Atlantis Lab./Invoice No.

Project Golden Nugget Towers Report No. Date 3-28-86

Location 1st + Bridger Time of Report 10:00 AM

Prime Contractor Sierra Const. Superintendent Marty

In accordance with the request of Marty a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125T184A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) ([redacted]) meet project requirements.

☒ Soil bearing recommendations presented in WT Soil Engineering Report No. 4125T184A for foundations bearing on FIRST LAYER OF CALICHE (do) ([redacted]) remain applicable.

☒ Foundation excavations ([redacted]) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:

Spread footings at Bar-M-G at 1st & Bridger
M4 thru 13

Exceptions and/or remarks:

Jeffrey F. Glogola
Review By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Job No. 4145J182
Client Atlandis
Lab./Invoice No.
Project Golden Nugget Towers
Report No. Date 4-2-86
Location 1st + Bridger
Time of Report 1:45PM
Prime Contractor Sierra Const Superintendent Marty

In accordance with the request of Marty a review of the excavations for foundations on the above referenced project was made..

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125J184A
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☐ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) ~~(did not)~~ meet project requirements.
- ☒ Soil bearing recommendations presented in WT Soil Engineering Report No. 4125J184A for foundations bearing on FIRM CLAYEY SILT: W/SAND (do) ~~(do not)~~ remain applicable.
- ☒ Foundation excavations ~~(did)~~ (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

The following foundation excavations were reviewed:
Interior continuous footings: Area "A" from line 6.1 to 12

Exceptions and/or remarks:

Jeffrey F Hegola
Review By

Dona Hasely 1-6-88

December 2, 1985

Atlandia Design and Furnishings
129 E. Fremont Street
Las Vegas, Nevada 89101

Attention: Brad Friedmutter Project No. 4145J182

Subject: Backfill Material Around Columns
Golden Nugget Hotel Tower

Gentlemen:

We have performed laboratory analyses on the proposed backfill material which has been excavated from footings for the hotel towers and stockpiled onsite. Test results show the clay soil to have a low expansion potential. Based on these results the stockpiled material may be used as backfill around the columns up to 2 feet below finish grade. We recommend that the soil be placed at two to four percent above optimum moisture content and compacted to at least 90 percent of the maximum density obtainable by the ASTM D1557 method of compaction. The upper two feet of backfill around columns should consist of granular material. Some onsite stockpiled material may be used in the upper two feet. It is preferable, however, that the granular material be imported. These precautions are recommended due to the possibility of water being introduced to the soil by way of possible leaks in water and sewer lines.

Should you have any questions regarding this matter, please do not hesitate to contact us.

Sincerely,

WESTERN TECHNOLOGIES INC.

Scott W. Davis

SCOTT W. DAVIS, E.I.T.
Staff Engineer

rew

cc: Sierra Construction
Martin & Associates
City of Las Vegas
Quality Control Division
Joel Bergman, AIA

Dona Hasely 1-6-86

ATLANDIA DESIGN
A GOLDEN NUGGET COMPANY

January 7, 1986

Mr. A. P. Rapone
Sierra Construction
5255 S. Valley View
Las Vegas, NV

Subject: GNLV High Rise ADF 84079C
Back Fill Material Around Columns

Dear Gus:

Enclosed please find Western Technologies letter dated December 2, 1985 and the technician daily report dated January 6, 1986 regarding the back fill material around columns for the High Rise portion of this project.

As you will note, in both instances it is preferred that the upper two feet of back fill around the two columns should consist of imported grandular material. As of this date, the soil around the columns is stock piled material containing some amounts of clay. I just want to make sure that we don't neglect, due to rushed schedules, the requirements of our soils engineers to excavate and compact the soil around the columns so that we meet the proper specifications.

If you have any questions, please do not hesitate to call.

Regards,

Atlandia Design

Brad Friedmutter
Vice President Western Operations

BF:ck
cc: J. Bergman (w/encl.)
R. Peltyn (w/encl.)
M. Owens (w/encl.)
City Inspector
ADF Job Files East/West

129 EAST FREMONT STREET; LAS VEGAS, NEVADA 89101, (702) 385-7111

Dona Haesly 1-6-88

TECHNICIAN'S DAILY REPORT

Date 1-6-86

Hours

File No. 4145J182

Miles

Project NUBBET TOWERS

Weather clear

Diary: Placement of columns line K-13, 14, 15 B-13, 14, 15 Ele 16' High TOTAL 8 yds³ CM1821. 5" slump.

* MARK OWENS (WTI) & MARTY (sierra) Discussed the rock Fill Being Done AROUND the columns. It was under stood by both parties that sierra @ a later Date would Excavate & compact the soil Around the columns. ON this Date I Reconfirmed this conversation w/ MARTY (sierra) that he talked w/ MARK & he would excavate & compact @ a later Date, But Did not set a Date on it yet.

RECEIVED
JAN 06 1986
ADF-WEST

Approved.

Signed K. Singh

Dona Hasely 1-6-88

Informed B. Friedmutter about Compaction Problems.

1-31-86 (B.F.)

2-13-86 (B.F.)

2-20-86 (B.F.)

2-26-86 (B.F.)

2-28-86 (B.F.)

3-4-86 (B.F.)

3-11-86 (B.F.)

STEEL ENGINEERS INCORPORATED

716 W. MESQUITE
LAS VEGAS, NEVADA 89106
386-0023

Dona Hardy 1-6-88

LABORATORY REPORT

SOIL/AGGREGATE FIELD DENSITY TESTS

Client ATLANTIA

Job No. 4145J149
Lab./Invoice No.
Date 10-14-85
Reviewed By MIKE

Project Golden Nugget Existing Parking Garage
Location SECOND STREET + CARSON
Type of Material SEE I.D. SHEET Authorized By Mario Abella Date
Source of Material SEE I.D. SHEET Tested/Calc. By D. Ford + JPS
Moisture/Density Relationship SEE I.D. SHEET Meth. Test Locations Designated By Mario

Test No.	Date	Location of Test Hole	Elevation of Test Datum †
1	9-25	Ramp at line 12A.5	-1.0
2	9-27	Ramp at 40'W and 2'S of line 10 C	
3	9-27	Ramp at 62'W and 5'S of line 9 C	
4	9-30	Ramp at 62'W and 1'S of line 12 C	
5	9-30	Ramp at 32'W of line 12C	

Test No.	Moisture Density Lab. No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics: Moisture %	In-Place Characteristics: Dry Density pcf	Relative Compaction %	Within Specs ? *	Comments*
1	4	6.1	140	4.2	138	98	YES	3 to 12
2	4	6.1	140	5.5	139	99		
3	4	6.1	140	6.7	133	95		
4	4	6.1	140	3.0	142	100+		1
5	4	6.1	140	1.6	138	98		

*Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock correction applied to maximum dry density. AASHTO T-224
18. Other _____
19. Test Locations on Accompanying Site Plan
20. Specifications Unknown

† Datum Top of Pipe Casing

Note: Tests reported herein are not part of a continuous monitoring program of compaction operations and accordingly apply only to the actual location tested.

Copies to:

Dona Hasely — 1-6-88

Job No. 4145J149

Invoice No.

Report No. 1 Date 10-14-85

SOIL/AGGREGATE FIELD DENSITY TESTS

Test No.	Date	Location of Test Hole	Elevation of Test Datum †	
6	9-30	BACKFILL of WALL 42'E and 5'S of Line 110.2	-4.5'	
7	10-3	Ramp 45'W and 15'N of Line 10A	0.0'	
8	10-7	Ramp center of section 13-14 to B-C	0.0	
9	10-7	Ramp center of section 12-13 to A.5-B	0.0	

Test No.	Moisture Density Lab. No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics: Moisture %	In-Place Characteristics: Dry Density pcf	Relative Compaction %	Within Specs ?	Comments*
6	3	7.5	136	7.9	125	92	YES	4.7, 11, 14
7	4	6.1	140	6.6	134	96	"	3, 10, 14
8	4	6.1	140	4.6	140	100	"	3, 10, 14
9	4	6.1	140	9.2	139	99	"	3, 10, 14

*Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested ASTM D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock Correction applied to maximum dry density per AASHTO T-224
18. Other _____
19. Test Locations Shown on Accompanying Site Plan
20. Specifications Unknown

† Datum Top of BASE COURSE

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

46031
TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

ATTENTION: Mr. Brad Friedmutter DATE: March 11, 1986

SUBJECT: Golden Nugget New Towers PROJECT NO.: 4145J182

The following items are transmitted: Herewith __
Under Separate Cover __ Via: Mail

No. of copies	Description
1 Each	Field Densities - Report # 1

The above items are submitted: At your request __ For your review X
For your files X For your action __ For your information X

General Remarks:

Enclosure __

COPIES: Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas (1) Mail
Joel Bergman A.I.A. (1) Mail

BY: Jerry Riedel
Jerry Riedel, P.E.
Materials Engineer

tp

Lonnie Hensley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

SOIL/AGGREGATE FIELD DENSITY TESTS

46031
Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date March 11, 1986
Reviewed By Jerry Riedel

Project Golden Nugget Towers
Location 1st & Bridger
Type of Material Type II Gravel Authorized By Marty/SC Date 03-11-86
Source of Material Stocks Mill & Supply Tested/Calc. By Jeff Glagola/WT
Moisture/Density Relationship ASTM D1557 Meth. D Test Locations Designated By Marty/SC

Test No.	Date	Location of Test Hole	Elevation of Test Datum †
1	03-04-86	Ground Floor Slab Area at Line 35M	0.0'
2	03-04-86	Ground Floor Slab Area at Line 33M	0.0'
3	03-07-86	South Elevator Lobby	0.0'
4	03-07-86	Center Elevator Lobby	0.0'

Test No.	Moisture Density Lab No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics Moisture %	In-Place Characteristics Dry Density pcf	Relative Compaction %	Within Spec. ?	Comments *
1	1	5.0	145	5.5	144	99	yes	3, 10, 14
2	1	5.0	145	5.0	143	99	yes	3, 10, 14
3	1	5.0	145	3.7	142	98	yes	3, 10, 14
4	1	5.0	145	6.0	140	97	yes	3, 10, 14

* Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested D-1556/AASHTO T-212
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock correction applied to maximum dry density. AASHTO T-224
18. Other _____
19. Test Locations on Accompanying Site Plan
20. Specifications Unknown

† Datum Top of Base Course

Note: Tests reported herein are not part of a continuous monitoring program of compaction operations and accordingly apply only to the actual location tested.

Copies to: Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas (1) Mail
Joel Bergman A.I.A. (1) Mail

tp

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

TO: 46031
Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

ATTENTION: Mr. Brad Friedmutter

DATE: April 2, 1986

SUBJECT: Golden Nugget New Towers

PROJECT NO.: 4145J182

The following items are transmitted: Herewith __
Under Separate Cover __ Via: Mail

No. of copies	Description
1 Each	Field Densities - Report # 2
1 Each	Foundation Inspection Reports

The above items are submitted: At your request __ For your review X
For your files X For your action __ For your information X

General Remarks:

Enclosure __

COPIES: Sierra Construction (1) Mail
Martin, Peltyn & Assoc. (1) Mail
City of Las Vegas (1) Jobsite
Joel Bergman A.I.A. (1) Mail

BY: Jerry Riedel
Jerry Riedel, P.E.
Materials Engineer

tp

Dona Hakely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

SOIL/AGGREGATE FIELD DENSITY TESTS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. _____
Date April 2, 1986
Reviewed By Jerry Riedel

Project Golden Nugget New Tower
Location 1st & Bridger
Type of Material Type II Gravel _____ Authorized By Marty/SC Date 03-25-86
Source of Material Stocks Mill & Supply Tested/Calc. By Glagola & Singh/WT
Moisture/Density Relationship ASTM 1557 Meth. D Test Locations Designated By Marty/SC

Test No.	Date	Location of Test Hole	Elevation of Test Datum †
5	03-25-86	Ground Floor Slab Between Lines 37 & 38 From Line P to Exist.	0.0
6	03-25-86	Elevator Lobby - North	0.0
7	03-25-86	Elevator Lobby - North	-2.0'
8	03-25-86	Elevator Lobby - Center	-2.0'
9	03-25-86	Elevator Lobby - South	-2.0'

Test No.	Moisture Density Lab No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics: Moisture %	In-Place Characteristics: Dry Density pcf	Relative Compaction %	Within Spec. †	Comments*
5	1	5.6	144	3.[illegible]	139	97	yes	3, 11, 14
6	1	5.6	144	5.5	143	99	yes	3, 11, 14
7	1	5.6	144	6.7	140	97	yes	3, 11, 14
8	1	5.6	144	3.1	137	95	yes	3, 11, 14
9	1	5.6	144	7.0	140	97	yes	3, 11, 14

*Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock correction applied to maximum dry density, AASHTO T-224
18. Other _____
19. Test Locations on Accompanying Site Plan
20. Specifications Unknown

† Datum Top of Base Course

Note: Tests reported herein are not part of a continuous monitoring program of compaction operations and accordingly apply only to the actual location tested.

Copies to:

tp

Dond Hardy / 1-6-88

Job No. 4145J182

Invoice No.

Report No. 2 Date 04-02-86

SOIL/AGGREGATE FIELD DENSITY TESTS

Test No.	Date	Location of Test Hole	Elevation of Test Datum†
10	03-26-86	Ground Floor Slab Between Lines 34 & 35 @ L.5	0.0
11	03-26-86	Ground Floor Slab Between Lines 36 & 37 @ L.7	0.0
12	03-26-86	Ramp From Galleria to Baggage Room, 10' E. of W. End	0.0
13	03-26-86	Ramp From Galleria to Baggage Room, 15' W. of E. End	0.0
14	03-31-86	Ground Floor Slab Between Lines C & D @ 6	0.0
15	03-31-86	Ground Floor Slab Between Lines 5 & 6 @ 4	0.0
16	04-01-86	Ground Floor Slab Between Lines A & B @ 5	0.0
17	04-01-86	Ground Floor Slab Between Lines B & C @ 3	0.0
18	04-01-86	Ground Floor Slab Between LIne F & D @ 2	0.0

Test No.	Moisture Density Lab. No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics: Moisture %	In-Place Characteristics: Dry Density pcf	Relative Compaction %	Within Specs ?	Comments*
10	1	5.6	144	5.1	141	98	yes	3, 11, 15
11	1	5.6	144	4.8	140	97	yes	3, 11, 15
12	1	5.6	144	4.5	142	99	yes	3, 11, 15
13	1	5.6	144	4.6	141	98	yes	3, 11, 15
14	1	5.6	144	3.1	131	91	yes	3, 11, 14
15	1	5.6	144	5.7	138	96	yes	3, 11, 14
16	1	5.6	144	5.5	139	97	yes	3, 11, 14
17	1	5.6	144	4.2	135	94	yes	3, 11, 14
18	1	5.6	144	4.4	135	94	yes	3, 11, 14

*Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested ASTM D-1556/AASHTO T-191
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock Correction applied to maximum dry density per AASHTO T-224
18. Other _____
19. Test Locations Shown on Accompanying Site Plan
20. Specifications Unknown

† Datum Top of Base Course

Don Haesly 5-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Client Atlandia
Project Golden Nugget Towers
Location 1st + Bridger
Prime Contractor Sierra Const

Job No. 4145J182
Lab./Invoice No.
Report No. ____ Date 3-28-86
Time of Report 10:00 AM
Superintendent Marty

In accordance with the request of Marty
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4145J184A
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☐ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) ([redacted]) meet project requirements.
- ☒ Soil bearing recommendations presented in WT Soil Engineering Report No. 4145J184A for foundations bearing on FIRST LAYER OF CALICHE (do) ([redacted]) remain applicable.
- ☒ Foundation excavations ([redacted]) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

The following foundation excavations were reviewed:
spread footings on line-M.6 at 18, 17, 16, 15, 14 and M.5 at 13.

Exceptions and/or remarks:

Jeffrey F. Blagola
Review By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

Sunshine Plaza
430 West, 145 North
St. George, Utah 84770
(801) 628-2883

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145T182

Client Atlandia

Lab./Invoice No.

Project Golden Nugget Towers

Report No. Date 3-27-86

Location 1st + Bridger

Time of Report 3:30 PM

Prime Contractor Sierra Const

Superintendent

In accordance with the request of Marty
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125T184A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) ~~(did not)~~ meet project requirements.

☒ Soil bearing recommendations presented in WT Soil Engineering Report No. 4125T184A for foundations bearing on FIRST LAYER or CALICHE (do) ~~(do not)~~ remain applicable.

☒ Foundation excavations ~~(do)~~ (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:

spread footings on line M-6 at 29, 28, 27, 26, 25, 24, 23, 22, 21, 20, 19.

Exceptions and/or remarks:

Jeffrey F Glogola
Review By

Dana Hecht 5-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

SOIL/AGGREGATE FIELD DENSITY TESTS

41119

Client: Atlandia Design & Furnishings
129 East Fremont St.
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date 04-10-85
Reviewed By Jerry Riedel, P.E.

Project Golden Nugget Tower
Location 1st & Bridger
Type of Material Stocks Type II Authorized By Date
Source of Material Import Tested/Calc. By K. Singh/WT
Moisture/Density Relationship ASTM D1557 Meth. D Test Locations Designated By K. Singh/WT

Test No.	Date	Location of Test Hole	Elevation of Test Datum †
1	04-08-86	Between Column Lines G & H on 31	0.0

Test No.	Moisture Density Lab No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics: Moisture %	In-Place Characteristics: Dry Density pcf	Relative Compaction %	Within Specs. ?	Comments*
1	--	5.2	144	6.0	130	90	yes	3, 11, 15, 18

*Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock correction applied to maximum dry density. AASHTO T-224
18. Other *
19. Test Locations on Accompanying Site Plan
20. Specifications Unknown

† Datum @ Below Finish Grade

Note: Tests reported herein are not part of a continuous monitoring program of compaction operations and accordingly apply only to the actual location tested.

* In compliance w/requirements set by Martin, Peltyn & Associates

Copies to:
Client (1) Mail
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Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
City of Las Vegas (1) Jobsite

tp

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

SOIL/AGGREGATE FIELD DENSITY TESTS

41117
Client Atlandia Design & Furnishings
129 East Fremont St.
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date April 14, 1986
Reviewed By Jerry Riedel, P.E.

Project Golden Nugget Tower
Location 1st & Bridger
Type of Material CLAYEY SAND w/GRAVEL & type II Authorized By Date
Source of Material Native Import Tested/Calc. By K. Singh & J. Glagola/WT
Moisture/Density Relationship ASTM D1557/Meth. D Test Locations Designated By K. Singh/WT

Test No.	Date	Location of Test Hole	Elevation of Test Datum †
1	04-09-86	Sewer Line Back Fill, 10' E. of Line K-31	6.5'
2	04-09-86	Sewer Line Back Fill, 10' E. of Line K-28	6.0'
3	04-09-86	Sewer Line Back Fill, 10' E. of Line K-30	6.0'
4	04-09-86	Sewer Line Back Fill, 10' E. of Line K-29	2.0'

Test No.	Agistore Density Lab No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics Moisture %	In-Place Characteristics Dry Density pcf	Relative Compaction %	Within Specs. ?	Comments *
1	--	10.0	123	8.6	119	97	yes	4, 11, 14
2	--	10.0	123	8.5	113	92	yes	4, 11, 15
3	--	10.0	123	7.8	116	94	yes	4, 11, 15
4	--	10.0	123	18.8	117	95	yes	4, 11, 15

* Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Areas
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock correction applied to maximum dry density. AASHTO T-224
18. Other _____
19. Test Locations on Accompanying Site Plan
20. Specifications Unknown

† Datum Below Finish Grade

Note: Tests reported herein are not part of a continuous monitoring program of compaction operations and accordingly apply only to the actual location tested.

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Dona Hasty 1-6-88

Job No. 4145J182

Invoice No. _____

Report No. _____ Date 04-14-86

SOIL/AGGREGATE FIELD DENSITY TESTS

Test No.	Date	Location of Test Hole	Elevation of Test Datum †	
5	04-09-86	Fill For Slab on Grade Between Lines G & H @ 28.5	0.0'	
6	04-09-86	Sewer Line Back Fill, 10' E. of Line K-30	3.0'	
7	04-09-86	Fill For Slab on Grade Between Lines H & K @ 27.5	0.0'	
8	04-09-86	Fill For Slab on Grade Between Lines E & G @ 26.5	0.0'	
9	04-11-86	Fill For Slab on Grade Between Lines E & G @ 23.5	0.0'	
10	04-11-86	Fill For Slab on Grade Between Lines E & G @ 21.5	0.0'	
11	04-11-86	Fill For Slab on Grade Between Lines E & G @ 25	0.0'	

Test No.	Moisture Density Lab. No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics Moisture %	In-Place Characteristics Dry Density pcf	Relative Compaction %	Within Specs ?	Comments*
5	--	5.6	144	6.8	136	94	yes	1, 11, 15
6	--	5.6	144	17.5	131	91	yes	4, 11, 15
7	--	5.6	144	7.5	129	90	yes	1, 11, 15
8	--	5.6	144	7.3	130	90	yes	1, 11, 15
9	--	5.6	144	8.8	139	97	yes	1, 11, 15
10	--	5.6	144	6.8	129	90	yes	1, 11, 15
11	--	5.6	144	7.7	140	97	yes	1, 11, 15

*Comments etc

1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested ASTM D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock Correction applied to maximum dry density per AASHTO T-224
18. Other _____
19. Test Locations Shown on Accompanying Site Plan
20. Specifications Unknown

† Datum Below Finish Grade

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

SOIL/AGGREGATE FIELD DENSITY TESTS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date April 22, 1986
Reviewed By Jerry Riedel, P.E.

Project: Golden Nugget Tower
Location: 1st & Bridger
Type of Material: See I.D. Sheet — Authorized By: Marty — Date: 04-14-86
Source of Material: See I.D. Sheet — Tested/Calc. By: Jeff Glagola/WT
Moisture/Density Relationship: See I.D. Sheet — Meth. — Test Locations Designated By: Jeff Glagola/WT

Test No.	Date	Location of Test Hole	Elevation of Test Datum †
1	04-14-86	Sewer line backfill at line M-28	-6.0'
2	04-14-86	Sewer line backfill at line M-27	-6.0'
3	04-15-86	Sewer line backfill at line M-26	-5.0'
4	04-15-86	Sewer line backfill at line M-25	-5.0'

Test No.	Moisture Density Lab No.*	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics: Moisture %	In-Place Characteristics: Dry Density pcf	Relative Compaction %	Within Spec.?	Comments*
1	1	10.0	123	10.3	121	98	yes	4, 11, 14
2	1	10.0	123	9.7	118	96	yes	4, 11, 14
3	1	10.0	123	8.2	117	95	yes	4, 11, 14
4	1	10.0	123	8.8	116	94	yes	4, 11, 14

* Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock correction applied to maximum dry density. AASHTO T-224
18. Other _____
19. Test Locations on Accompanying Site Plan
20. Specifications Unknown

† Datum: Top of Base Course

Note: Tests reported herein are not part of a continuous monitoring program of compaction operations and accordingly apply only to the actual location tested.

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Dona Hasely 4-6-88

Job No. 4145J182

Invoice No:

Report No. _____ Date 04-14 to 04-18 1986

SOIL/AGGREGATE FIELD DENSITY TESTS

Test No.	Date	Location of Test Hole	Elevation of Test Datum †	
5	04-16-86	Sewer line backfill at M-27.5	-3.0'	
6	04-16-86	Sewer line backfill at M-24.5	-3.0'	
6A	04-16-86	Sewer line backfill at M-24.5 - Retest of 6	-3.0'	
7	04-16-86	Sewer line backfill at M-21.5	-3.0'	
8	04-16-86	Slab on grade, 5' west of line E-27.5	0.0	
9	04-16-86	Slab on grade, 5' west of line E-30	0.0	
10	04-16-86	Sewer line backfill at line M-23.5	-3.0'	
8A	04-16-86	Slab on grade, 5' west of line E-27.5 - Retest of 8	0.0	
9A	04-16-86	Slab on grade, 5' west of line E-30 - Retest of 9	0.0	
10A	04-16-86	Sewer line backfill at line M-23.5 - Retest of 10	-3.0'	
11	04-16-86	Sewer line backfill at line M-21	-2.5'	

Test No.	Moisture Density Lab. No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics		Relative Compaction %	Within Specs ?	Comments*
				Moisture %	Dry Density pcf			
5	1	10.0	123	18.9	112	91	yes	4, 11, 15
6	1	10.0	123	20.8	107	87	no	4, 11, 15
6A	1	10.0	123	20.0	111	90	yes	4, 11, 15
7	1	10.0	123	19.8	112	91	yes	4, 11, 15
8	2	5.6	144	10.1	127	88	no	3, 11, 15
9	2	5.6	144	11.5	116	81	no	3, 11, 15
10	1	10.0	123	20.7	105	85	no	4, 11, 15
8A	2	5.6	144	5.2	130	90	yes	3, 11, 15
9A	2	5.6	144	5.2	133	92	yes	3, 11, 15
10A	1	10.0	123	19.0	115	93	yes	4, 11, 15
11	1	10.0	123	18.2	113	92	yes	4, 11, 15

*Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested ASTM D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock Correction applied to maximum dry density per AASHTO T-224
18. Other _____
19. Test Locations Shown on Accompanying Site Plan
20. Specifications Unknown

† Datum Top of Base Course

Dona Haesly 1-6-88

Job No. 4145J182

Invoice No. _____

Report No. _____ Date 04-14 to 04-18 1986

SOIL/AGGREGATE FIELD DENSITY TESTS

Test No.	Date	Location of Test Hole	Elevation of Test Datum †	
12	04-17-86	Sewer line backfill at line M-24.5	-2.0'	
13	04-17-86	Sewer line backfill at line M-25.5	-1.0'	
14	04-17-86	Sewer line backfill at line M-27.5	-1.0'	
12A	04-17-86	Sewer line backfill at line M-24.5 - Retest of 12	-2.0'	
13A	04-17-86	Sewer line backfill at line M-25.5 - Retest of 13	-1.0'	
14A	04-17-86	Sewer line backfill at line M-27.5 - Retest of 14	-1.0'	
15	04-17-86	Sewer line backfill at line M-26	-2.5'	
16	04-18-86	Plumbing Trench on First Street between lines 13 & 14 of tower	-1.5'	
17	04-18-86	Plumbing Trench on First Street between lines 12 & 13 of tower	-1.5'	
18	04-18-86	Plumbing Trench on First Street between lines 12 & 13 of tower	-1.5'	

Test No.	Moisture Density Lab. No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics: Moisture %	In-Place Characteristics: Dry Density pcf	Relative Compaction %	Within Specs ?	Comments*
12	1	10.0	123	12.8	110	89	no	4, 11, 14
13	1	10.0	123	20.5	106	86	no	4, 11, 14
14	1	10.0	123	19.8	109	89	no	4, 11, 14
12A	1	10.0	123	19.6	111	90	yes	4, 11, 14
13A	1	10.0	123	20.4	114	93	yes	4, 11, 14
14A	1	10.0	123	19.3	113	92	yes	4, 11, 14
15	1	10.0	123	10.0	119	97	yes	4, 11, 14
16	2	5.6	144	7.1	138	96	yes	4, 11, 14
17	2	5.6	144	12.6	139	97	yes	4, 11, 14
18	2	5.6	144	11.6	143	99	yes	4, 11, 14

*Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 89% min. req'd.
13. _____
14. Tested ASTM D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock Correction applied to maximum dry density per AASHTO T-224
18. Other _____
19. Test Locations Shown on Accompanying Site Plan
20. Specifications Unknown

† Datum Top of Base Course

Dona Hasely 1-6-88

Job No. 4145J182

IDENTIFICATION OF FILL MATERIALS

IDENTIFICATION

Material No.	Material Class.	Description	Source	Optimum Moisture %	Maximum Dry Density pcf	Test Method*
1	SC	SANDY CLAY - w/silt	Native	10.0	123	2A
2	GW	Type #1 GRAVEL	Stocks Mill & Supply	5.6	144	2D

CHARACTERISTICS

Sieve Size / Material No.					
	Accumulative Percent Passing				
3					
2½					
2					
1½					
1					
¾					
½					
⅜					
¼					
No. 4					
8					
10					
16					
30					
40					
50					
100					
200					
Liquid Limit					
Plastic Limit					
Plastic Index					
Sp. Gr.					
Swell + Compression - Percent					
Swell + Compression - Surcharge					
Swell + Compression - Max. Pressure					

*** TEST METHODS**

Moisture Density Relationship
1. ASTM D 698 Method A, B, C, D
2. ASTM D1557 Method A, B, C, D
3. Other _____

Gradation
ASTM C117, C136

Atterberg Limits
Liquid Limit ASTM D423
Plastic Limit ASTM D424
Plastic Index ASTM D424

Specific Gravity
ASTM C127, D854

Swell/Compression
_____ Surcharge
_____ Constant Volume

Dona Shealy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

SOIL/AGGREGATE FIELD DENSITY TESTS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date April 29, 1986
Reviewed By Jerry Riedel, P.E.

Project Golden Nugget Tower
Location 1st & Bridger
Type of Material Type II Gravel Authorized By Marty Date 04-21-86
Source of Material Stocks Mill & Supply Tested/Calc. By Glagola/Singh - WT
Moisture/Density Relationship ASTM 1557 Meth. D Test Locations Designated By Glagola/Singh - WT

Test No.	Date	Location of Test Hole	Elevation of Test Datum †
1	04-21-86	Backfill at lines B to C on 15.5	0.0
2	04-21-86	Backfill at lines B to C on 12.5	0.0
3	04-21-86	Backfill at lines 14 - Center of first street	-2.0'
4	04-21-86	Backfill at lines 14 - Center of first street	-0.5'

Test No.	Moisture Density Lab No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics Moisture %	In-Place Characteristics Dry Density pcf	Relative Compaction %	Within Spec.?	Comments *
1	1	5.6	144	6.0	138	96	yes	3, 4, 11, 14
2	1	5.6	144	6.0	138	96	yes	3, 4, 11, 14
3	1	5.6	144	6.9	138	96	yes	4, 5, 11, 14
4	1	5.6	144	4.4	137	95	yes	4, 5, 11, 14

* Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock correction applied to maximum dry density. AASHTO T-224
18. Other _____
19. Test Locations on Accompanying Site Plan
20. Specifications Unknown

† Datum @ Top of Base Course

Note: Tests reported herein are not part of a continuous monitoring program of compaction operations and accordingly apply only to the actual location tested.

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Martin, Peltyn & Assoc. (1) Mail
Sierra Construction (1) Mail
City of Las Vegas (1) Jobsite

tp

Dona Creek ~ 1-6-87

Job No. 4145J182

Invoice No. _____

Report No. _____ Date 04-29-86

SOIL/AGGREGATE FIELD DENSITY TESTS

Test No.	Date	Location of Test Hole	Elevation of Test Datum †	
5	04-22-86	Backfill at line B to F @ 13.5	0.0	
6	04-22-86	Backfill at line C to D @ 12.5	0.0	
7	04-23-86	Backfill at line B to E @ 23.5	0.0	
8	04-23-86	Backfill at line 1 to 3 @ A	-3.5'	
9	04-23-86	Backfill at line 5 to 7 @ A	-1.5'	
10	04-24-86	Backfill at line H to K @ 27.5	0.0	
11	04-24-86	Backfill at line B to C @ 18.5	0.0	
12	04-25-86	Backfill at line C to D @ 10.5 - Electric Trench	-1.0'	
13	04-25-86	Backfill at line B to C @ 11.5 - Electric Trench	-1.0'	

Test No	Moisture Density Lab. No	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics: Moisture %	In-Place Characteristics: Dry Density pcf	Relative Compaction %	Within Specs ?	Comments*
5	1	5.6	144	5.6	137	95	yes	3, 4, 11, 14
6	1	5.6	144	6.8	140	97	yes	3, 4, 11, 14
7	1	5.6	144	3.3	135	94	yes	4, 11, 14
8	1	5.6	144	6.7	137	95	yes	4, 11, 14
9	1	5.6	144	8.2	138	96	yes	3, 4, 11, 14
10	1	5.6	144	2.6	135	94	yes	3, 4, 11, 14
11	1	5.6	144	7.7	138	96	yes	3, 4, 11, 14
12	1	5.6	144	8.1	135	94	yes	4, 11, 14
13	1	5.6	144	5.6	142	99	yes	4, 11, 14

*Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested ASTM D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock Correction applied to maximum dry density per AASHTO T-224
18. Other _____
19. Test Locations Shown on Accompanying Site Plan
20. Specifications Unknown

† Datum: Top of Base Course

129 E. Fremont
SPEC REPORTS

Work Sheet 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

SOIL/AGGREGATE FIELD DENSITY TESTS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date May 2, 1986
Reviewed By Jerry Riegel, P.E.

Project Golden Nugget Tower
Location 1st & Bridger
Type of Material See I.D. Sheet — Authorized By Marty — Date 04-29-86
Source of Material See I.D. Sheet — Tested/Calc. By J. Glagola/WT
Moisture/Density Relationship See I.D. Sheet Meth. — Test Locations Designated By J. Glagola/WT

Test No.	Date	Location of Test Hole	Elevation of Test Datum †
1	04-29-86	Backfill at line M-19 (Sewer Line)	-6.0'
2	04-29-86	Backfill at line C.5 to D-21	0.0
3	04-29-86	Backfill at line K to existing wall -29	0.0
4	04-30-86	Backfill at line M-18 (Sewer Line)	-5.0'
5	04-30-86	Backfill at line M-20 (Sewer Line)	-4.5'

Test No.	Moisture Density Lab No.	Optimum Moisture %	Max. Dry Density - pcf	In-Place Characteristics: Moisture %	In-Place Characteristics: Dry Density pcf	Relative Compaction %	Within Specs.?	Comments
1	1	10.0	123	10.8	118	96	yes	4, 11, 14
2	2	5.6	144	4.2	135	94	yes	3, 4, 11, 14
3	2	5.6	144	5.1	137	95	yes	3, 4, 11, 14
4	1	10.0	123	9.8	116	94	yes	4, 11, 14
5	1	10.0	123	10.5	114	93	yes	4, 11, 14

Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock correction applied to maximum dry density. AASHTO T-224
18. Other _____
19. Test Locations on Accompanying Site Plan
20. Specifications Unknown

† Datum: Top of Base Course

Note: Tests reported herein are not part of a continuous monitoring program of compaction operations and accordingly apply only to the actual location tested.

Copies to: Client (1)
Joel Bergman, A.I.A. (1)
Martin, Peltyn & Assoc. (1)
Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Dona Sheets 5-6-86

Job No. 4145J182

Invoice No.

Report No. 1 Date 05-02-86

SOIL/AGGREGATE FIELD DENSITY TESTS

Test No.	Date	Location of Test Hole	Elevation of Test Datum †
6	05-01-86	Backfill at line M-19 (Sewer Line)	-3.5'
7	05-01-86	Backfill at line M-17 (Sewer Line)	-1.5'
8	05-01-86	Backfill at line K to Exist -25	0.0
9	05-01-86	Backfill at line A to B -18	0.0
10	05-02-86	Backfill at line M-14 (Sewer Line)	-4.0'
11	05-02-86	Backfill at line A to B -15	0.0
12	05-02-86	Backfill at line M-16 (Sewer Line)	-2.0'

Test No.	Moisture Density Lab. No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics: Moisture %	In-Place Characteristics: Dry Density pcf	Relative Compaction %	Within Specs ?	Comments*
6	1	10.0	123	10.1	118	96	yes	4, 11, 14
7	1	10.0	123	12.2	114	93	yes	4, 11, 14
8	2	5.6	144	5.0	138	96	yes	3, 4, 11, 14
9	2	5.6	144	5.6	141	98	yes	3, 4, 11, 14
10	1	10.0	123	9.9	117	95	yes	4, 11, 14
11	2	5.6	144	4.4	138	96	yes	3, 4, 11, 14
12	1	10.0	123	8.2	114	93	yes	4, 11, 14

*Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested ASTM D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock Correction applied to maximum dry density per AASHTO T-224
18. Other _____
19. Test Locations Shown on Accompanying Site Plan
20. Specifications Unknown

† Datum Top of Base Course

Dona Kiesling 1-6-88

Job No. 4145J182

IDENTIFICATION OF FILL MATERIALS

IDENTIFICATION

Material No.	Material Class.	Description	Source	Optimum Moisture %	Maximum Dry Density pcf.	Test Method*
1	SC	CLAYEY SILT - w/sand	Native	10.0	123	2A
2	GW	TYPE II GRAVEL	Stocks Mill & Supply	5.5	144	2D

CHARACTERISTICS

Sieve Size / Material No.					
		Accumulative Percent Passing			
3					
2½					
2					
1½					
1					
¾					
½					
⅜					
¼					
No. 4					
8					
10					
16					
30					
40					
50					
100					
200					
Liquid Limit					
Plastic Limit					
Plastic Index					
Sp. Gr.					
Swell + Compression - Percent					
Swell + Compression - Surcharge					
Swell + Compression - Max. Pressure					

*** TEST METHODS**

Moisture Density Relationship
1. ASTM D 698 Method A, B, C, D
2. ASTM D1557 Method A, B, C, D
3. Other _____

Gradation
ASTM C117, C136

Atterberg Limits
Liquid Limit ASTM D423
Plastic Limit ASTM D424
Plastic Index ASTM D424

Specific Gravity
ASTM C127, D854

Swell/Compression
_____ Surcharge
_____ Constant Volume

Dona Haisley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

SOIL/AGGREGATE FIELD DENSITY TESTS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date 5-6 & 7-86
Reviewed By Jerry Riedel, P.E.

Project: Golden Nugget Towers
Location: 1st & Bridger
Type of Material: Type II Gravel — Authorized By: Marty — Date: 05-06-86
Source of Material: Stocks Mill & Supply — Tested/Calc. By: Jeff Glagola/WT
Moisture/Density Relationship: ASTM 1557, Meth. D — Test Locations Designated By: Jeff Glagola/WT

Test No.	Date	Location of Test Hole	Elevation of Test Datum †
1	05-06-86	Backfill at line D to E from 11 to 12	0.0
2	05-06-86	Backfill at line A.5 to B from 30 to 32	0.0
3	05-06-86	Backfill at line E to [illegible] from 6 to 8	0.0
4	05-07-86	Backfill at line E to G from 20 to 21	0.0
5	05-07-86	Backfill at line E to G from 21 to 22	0.0

Test No.	Moisture Density Lab No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics: Moisture %	In-Place Characteristics: Dry Density pcf	Relative Compaction %	Within Specs. ?	Comments *
1	1	5.6	144	5.0	135	94	yes	3, 4, 11, 14
2	1	5.6	144	6.1	137	95	yes	3, 4, 11, 14
3	1	5.6	144	3.2	134	93	yes	3, 4, 11, 14
4	1	5.6	144	5.4	135	94	yes	3, 4, 11, 14
5	1	5.6	144	5.0	137	95	yes	3, 4, 11, 14

* Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd
13. _____
14. Tested D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock correction applied to maximum dry density. AASHTO T-224
18. Other _____
19. Test Locations on Accompanying Site Plan
20. Specifications Unknown

† Datum: Top of Base Course

Note: Tests reported herein are not part of a continuous monitoring program of compaction operations and accordingly apply only to the actual location tested.

Copies to: Client (1)
Joel Bergman A.I.A. (1)
Martin, Peltyn & Assoc. (1)
Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Anna Hasely * 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

SOIL/AGGREGATE FIELD DENSITY TESTS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date 05-12-86
Reviewed By Jerry Riedel, P.E.

Project Golden Nugget Tower
Location 1st & Bridger
Type of Material Clayey Sand w/gravel
Authorized By Marty Date 05-08-86
Source of Material Native
Tested/Calc. By K. Singh/WT
Moisture/Density Relationship ASTM 1557 Meth. C Test Locations Designated By K. Singh/WT

Test No.	Date	Location of Test Hole	†Elevation of Test Datum †
1	05-08-86	10' E of Line K-21.5	-2'
2	05-08-86	10' E of Line K-19.5	-1'
3	05-08-86	10' E of Line K-20	0.0'

Test No.	Moisture Density Lab No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics		Relative Compaction %	Within Specs. ?	Comments *
				Moisture %	Dry Density pcf			
1	--	10.0	123	8.0	111	90	yes	4, 11, 14
2	--	10.0	123	8.0	112	91	yes	4, 11, 14
3	--	10.0	123	8.0	111	90	yes	4, 11, 14

* Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock correction applied to maximum dry density. AASHTO T-224
18. Other _____
19. Test Locations on Accompanying Site Plan
20. Specifications Unknown

† Datum Finish Grade

Note: Tests reported herein are not part of a continuous monitoring program of compaction operations and accordingly apply only to the actual location tested.

Copies to: Client (1)
Joel Bergman A.I.A (1)
Martin, Peltyn & Assoc. (1)
Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Dona Hasely 1-6-87

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

SOIL/AGGREGATE FIELD DENSITY TEST

Client Atlandia Design and Furnishings
129 East Fremont Street
Las Vegas, Nevada 89101
Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No.
Date July 24, 1986
Reviewed By Jerry Riedel, P.E.

Project Golden Nugget Tower
Location 1st and Bridger
Type of Material Type II Authorized By Date
Source of Material Import Tested/Calc. By Kish Singh/WT
Moisture/Density Relationship ASTM 1557 Meth. C Test Locations Designated By Kish Singh/WT

Test No.	Date	Location of Test Hole	Elevation of Test Datum †
1	07-23-86	Column Lines X.5 on 2.5	0.0
2	07-23-86	Column Lines Y.5 on 5	0.0
3	07-23-86	Column Lines Y.5 on 8	0.0

Test No.	Moisture Density Lab No.	Optimum Moisture %	Max. Dry Density pcf	In-Place Characteristics Moisture %	In-Place Characteristics Dry Density pcf	Relative Compaction %	Within Specs. ?	Comments *
1	1	7.5	136	8.1	123	90	yes	3, 7, 11, 15
2	2	7.5	136	7.8	124	91	yes	3, 7, 11, 15
3	3	7.5	136	7.6	124	91	yes	3, 7, 11, 15

* Comments
1. Subgrade
2. Subbase Fill
3. Base Course
4. Backfill
5. Pavement Area
6. Below Footing Bottom
7. Above Footing Bottom
8. 100% min. req'd.
9. 98% min. req'd.
10. 95% min. req'd.
11. 90% min. req'd.
12. 85% min. req'd.
13. _____
14. Tested D-1556/AASHTO T-217
15. Tested ASTM D-2922/D-3017
16. Tested ASTM D-2922/AASHTO T-217
17. Rock correction applied to maximum dry density. AASHTO T-224
18. Other _____
19. Test Locations on Accompanying Site Plan
20. Specifications Unknown

† Datum Top of Base Course

Note: Tests reported herein are not part of a continuous monitoring program of compaction operations and accordingly apply only to the actual location tested.

Copies to: Client (2)
Joel Bergman, A.I.A. (1)
Martin, Peltyn & Assoc. (1)
Sierra Construction (1)
City of Las Vegas (1) Jobsite

tp

Dona Hoisly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145J182

Client Affordia — Lab./Invoice No.

Project Golden Nugget Towers — Report No. — Date 5-13-86

Location 1st + Bridger — Time of Report 2:00 PM

Prime Contractor Accival Const — Superintendent Doyle

In accordance with the request of Doyle a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125J184A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) [redacted] meet project requirements.

☒ Soil bearing recommendations presented in WT Soil Engineering Report No. 4125J184A for foundations bearing on CAUCHE (do) [redacted] remain applicable.

☒ Foundation excavations [redacted] (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

The following foundation excavations were reviewed:

special footings - 7V, 7W, 7X, 7Y

Exceptions and/or remarks:

Jeffrey F Glogola
Review By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145J182

Client Atlandia — Lab:/Invoice No.

Project Golden Nugget Towers — Report No. — Date 5-14-86

Location 1st + Bridger — Time of Report 12:30 PM

Prime Contractor Sierra Const. — Superintendent Doyle

In accordance with the request of Doyle
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125J184A
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☐ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

The following foundation excavations were reviewed:

spread footings 7S, 7T, 7U

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) ~~(did not)~~ meet project requirements.
- ☒ Soil bearing recommendations presented in WT Soil Engineering Report No. 4125J184A for foundations bearing on CALICHE (do) ~~(do not)~~ remain applicable.
- ☒ Foundation excavations ~~(did)~~ (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

Exceptions and/or remarks:

Jeffrey D. Hegsted
Review By

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145J182

Client Atlandia Lab./Invoice No.

Project Golden Nugget Tower Report No. Date 5-16-86

Location 1st + Bridger Time of Report 1:00 PM

Prime Contractor Acme Const. Superintendent Doyle

In accordance with the request of Doyle
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- [X] Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- [X] Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125J184A.
- [X] Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- [ ] Check conformity of foundation dimensions with project plan requirements.
- [ ] Check conformity of foundation reinforcement in the excavations with project requirements.
- [ ] Other

With the exceptions stated below, the review revealed that:

- [X] Depth of foundation excavations (did) ~~(did not)~~ meet project requirements.
- [X] Soil bearing recommendations presented in WT Soil Engineering Report No. 4125J184A for foundations bearing on CALICHE (do) [redacted] remain applicable.
- [X] Foundation excavations [redacted] (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- [ ] Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- [ ] Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- [ ] Other

The following foundation excavations were reviewed:

Typical footings 4H, 4X, 4Y

Exceptions and/or remarks:

Jeffrey D Glagola
Review By

Dona Hardy V-6 88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Client ATLANdia
Project GOLDEN NUGGET TOWER
Location 1st + Bridger
Prime Contractor SIERRA CONST

Job No. 4145J182
Lab./Invoice No.
Report No. ____ Date 5-21-86
Time of Report
Superintendent Doyle Rae

In accordance with the request of Atlandia a review of the excavations for foundations on the aboye referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125J184-A
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☐ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

The following foundation excavations were reviewed:

M.6 TO S.7 From 6 TO 9

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) (did not) meet project requirements.
- ☒ Soil bearing recommendations presented in WT Soil Engineering Report No. 4125J184-A for foundations bearing on caliche (do) (do not) remain applicable.
- ☒ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

Exceptions and/or remarks:

K. Smith
Review By

Brian Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

Sunshine Plaza
430 West, 145 North
St. George, Utah 84770
(801) 628-2883

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. A145J182

Client Atlandia

Lab./Invoice No.

Project GOLDEN NUGGET TOWER

Report No. Date 5-22-86

Location 1st & Bridger

Time of Report

Prime Contractor Sierra Const. Superintendent Bailey Rios

In accordance with the request of Atlandia a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT, Soil Engineering Report No: 9125J184-A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

The following foundation excavations were reviewed:

U4 + V4

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) (did not) meet project requirements.

☒ Soil bearing recommendations presented in WT Soil Engineering Report No: 9125J184-A for foundations bearing on caliche (do) (do not) remain applicable.

☒ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Exeavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

Exceptions and/or remarks:

K. Singh
Review By

Don Westlyn 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145J182

Client Atlandia Lab./Invoice No.

Project Golden Nugget Towers Report No. Date 5-27-86

Location 1st + Bridger Time of Report 11:00 AM

Prime Contractor Sierra Const Superintendent Doyle

In accordance with the request of Doyle a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- [X] Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- [X] Verify that the undisturbed bearing soils exposed by the excavations are of the nature and condition anticipated by WT Soil Engineering Report No. 4125J184A
- [X] Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- [ ] Check conformity of foundation dimensions with project plan requirements.
- [ ] Check conformity of foundation reinforcement in the excavations with project requirements.
- [ ] Other

With the exceptions stated below, the review revealed that:

- [X] Depth of foundation excavations (did) ~~(did not)~~ meet project requirements.
- [X] Soil bearing recommendations presented in WT Soil Engineering Report No. 4125J184A for foundations bearing on CALICHE (do) ~~(do not)~~ remain applicable.
- [X] Foundation excavations ~~(did)~~ (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- [ ] Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- [ ] Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- [ ] Other

The following foundation excavations were reviewed:

Spread footings - 4S + 4T

Exceptions and/or remarks:

Jeffrey F Klapala
Review By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4425J182

Client Atlandia

Lab./Invoice No. X

Project Golden Nugget Towers

Report No. X Date 6-28-86

Location 1st + Bridger

Time of Report 12:00 PM

Prime Contractor Sierra Const.

Superintendent Doyle

In accordance with the request of Doyle a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125J184A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☐ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other

The following foundation excavations were reviewed:

Spread footing - 4R

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) ~~(did not)~~ meet project requirements.

☒ Soil bearing recommendations presented in WT Soil Engineering Report No. 4125J184A for foundations bearing on CALICHE (do) ~~(do not)~~ remain applicable.

☒ Foundation excavations ~~(did)~~ (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☐ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other

Exceptions and/or remarks:

Jeffrey J Glagola
Review By

Dona Ana 1-6-85

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Client Atlandia
Project Golden Nugget Towers
Location 1st + Bridger
Prime Contractor Sierra Const.

Job No. 4145J182
Lab./Invoice No.
Report No. Date 6-9-85
Time of Report 12:00PM
Superintendent Doyle

In accordance with the request of Doyle a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- [X] Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- [X] Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. 4125J184A
- [X] Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- [ ] Check conformity of foundation dimensions with project plan requirements.
- [ ] Check conformity of foundation reinforcement in the excavations with project requirements.
- [ ] Other

The following foundation excavations were reviewed:
Continuous Mat Footing L2 TO L9

With the exceptions stated below, the review revealed that:

- [X] Depth of foundation excavations (did) ([redacted]) meet project requirements.
- [X] Soil bearing recommendations presented in WT Soil Engineering Report No. 4125J184A for foundations bearing on CALICHE (do) ([redacted]) remain applicable.
- [X] Foundation excavations ([redacted]) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- [ ] Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- [ ] Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- [ ] Other

Exceptions and/or remarks:

Reviewed By Jeffrey T Glagola

Dona Hawley 1-6-88

WESTERN TECHNOLOGIES INC.

Sunshine Plaza
430 West, 145 North
St. George, Utah 84770
(801) 628-2883

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145J182
Client ATLANTIS
Lab./Invoice No.
Project GOLDEN NUGGET TOWER
Report No. 2 Date 6-12-86
Location I-15 + BRIDGER
Time of Report
Prime Contractor SIERRA CONST
Superintendent Doyle Rue

In accordance with the request of ATLANTIS a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by GSI Soil Engineering Report No. 4145J184-A
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☒ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) (did not) meet project requirements.
- ☑ Soil bearing recommendations presented in GSI Soil Engineering Report No. 4145J184-A for foundations bearing on CALICHE (do) (do not) remain applicable.
- ☒ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☒ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other

The following foundation excavations were reviewed:

Lines
S-12.7 X-12.7
T-12.7 Y-12.7
U 12.7 Z-12.7
V-12.7
W-12.7

Exceptions and/or remarks:

K. Sly
Review By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

Sunshine Plaza
430 West, 145 North
St. George, Utah 84770
(801) 628-2883

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. A125182

Client _____ Lab./Invoice No. _____

Project _____ Report No. _____ Date _____

Location _____ Time of Report _____

Prime Contractor _____ Superintendent _____

In accordance with the request of _____
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by WT Soil Engineering Report No. A125184-A

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☒ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other _____

The following foundation excavations were reviewed:

units M-7, M-9

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) (did not) meet project requirements.

☒ Soil bearing recommendations presented in WT Soil Engineering Report No. A125184-A for foundations bearing on caliche (do) (do not) remain applicable.

☒ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☒ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other _____

Exceptions and/or remarks:

K. Swing
Review By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
Sunshine Plaza
430 West, 145 North
St. George, Utah 84770
(801) 628-2883

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 4145J182
Client ATLANTIC
Lab. Invoice No. ADF8C031
Project GOLDEN NUGGET TOWER
Report No. ____ Date ____
Location 1ST + CASINO
Time of Report ____
Prime Contractor SEARS CONST. Superintendent DAVE ROSE

In accordance with the request of ATLANTIC
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☑ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☑ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by GSE Soil Engineering Report No. 4145J182A.
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☒ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other ____

With the exceptions stated below, the review revealed that:

- ☑ Depth of foundation excavations (did) (did not) meet project requirements.
- ☑ Soil bearing recommendations presented in GSE Soil Engineering Report No. 4145J182A for foundations bearing on CAISSONS (do) (do not) remain applicable.
- ☒ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☒ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other ____

The following foundation excavations were reviewed:

177 - 7

Exceptions and/or remarks:

K. Simmons
Reviewed By

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

Sunshine Plaza
430 West, 145 North
St. George, Utah 84770
(801) 628-2883

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS
(POST ON JOBSITE)

Job No. 414JJ182
Client Atlantia Lab./Invoice No. 10 ADF 860311
Project GOLDEN NUGGET TOWER Report No. ____ Date 6-16-86
Location 1st + S. Tyler. Time of Report ____
Prime Contractor Sierra Const. Superintendent Doyle Carr

In accordance with the request of Atlantia
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

- ☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.
- ☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by ~~WT~~ GSI Soil Engineering Report No. 414JJ182-A
- ☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.
- ☒ Check conformity of foundation dimensions with project plan requirements.
- ☐ Check conformity of foundation reinforcement in the excavations with project requirements.
- ☐ Other ____

With the exceptions stated below, the review revealed that:

- ☒ Depth of foundation excavations (did) (did not) meet project requirements.
- ☒ Soil bearing recommendations presented in WT Soil Engineering Report No. 414JJ182-A for foundations bearing on Caliche (do) (do not) remain applicable.
- ☒ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.
- ☒ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.
- ☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.
- ☐ Other ____

The following foundation excavations were reviewed:

M-2

Exceptions and/or remarks:

K. Smith
Reviewed By

Dona Kaisly 1-6-88

WESTERN TECHNOLOGIES INC.

Sunshine Plaza
430 West, 145 North
St. George, Utah 84770
(801) 628-2883

FIELD REPORT

REVIEW OF FOUNDATION CONDITIONS (POST ON JOBSITE)

Client A+L Indus
Project GOLDEN NUGGET TOWER
Location 1st + Bridger
Prime Contractor Sierra Const.

Job No. 4145J182
Lab./Invoice No. ADF560-1
Report No. ____ Date 2-1-88
Time of Report ____
Superintendent Doyle Call

In accordance with the request of A+L Indus
a review of the excavations for foundations on the above referenced project was made.

The purpose of the review was to:

☒ Verify conformity of depths of foundation excavations to requirements of project plans and/or specifications.

☒ Verify that the undisturbed bearing soils exposed by the excavations were of the nature and condition anticipated by [redacted] Soil Engineering Report No. 4125182A USI

☒ Check for debris and/or loose or disturbed soils in bottom of foundations excavations.

☒ Check conformity of foundation dimensions with project plan requirements.

☐ Check conformity of foundation reinforcement in the excavations with project requirements.

☐ Other ____

With the exceptions stated below, the review revealed that:

☒ Depth of foundation excavations (did) (did not) meet project requirements.

☒ Soil bearing recommendations presented in [redacted] Soil Engineering Report No. 4125182A for foundations bearing on Caliche (do) (do not) remain applicable. USI

☒ Foundation excavations (did) (did not) contain debris and/or loose or disturbed soil. Subsequent debris, loose or disturbed soil should be removed from bottoms of excavations before placing concrete.

☒ Excavation dimensions (did) (did not) meet minimum project plan requirements for foundation dimensions.

☐ Sizes and locations of foundation reinforcing steel in the excavations (did) (did not) meet project plan requirements.

☐ Other ____

The following foundation excavations were reviewed:
Grids [redacted] P-11, 12, 13

Exceptions and/or remarks:

K Sims
Review By

8 1

Dona Hasty 1-6-88

SIERRA CONSTRUCTION CORP.

5255 SOUTH VALLEY VIEW BLVD. (89118)
AREA CODE 702-739-1991
LAS VEGAS, NEVADA
POST OFFICE BOX 14306 (89114)

PROJECT GNLV - New Tower

FILE 250.375/A19/A39E/M10

TO City Building Inspector
Field Office
Golden Nugget Hotel

DATE December 10, 1985

ATTN.

SUBMITTAL NO. 3.1 (Items A - G)
(IN REPLY PLEASE REFER TO SUBMITTAL NO.)

WE ARE TRANSMITTING HEREWITH FOR YOUR

( ) APPROVAL ( ) FILE ( ) ACTION ( ) SELECTION (X) REFERENCE

ITEM	COPIES	DESCRIPTION
1.	1	STOCKS MILL & SUPPLY
		APPROVED Mix Designs As Follows :
		Mix CM-2228, 1000 psi, Lean Mix
		Mix CM-1166, 2500 psi
		Mix CM-1168, 3000 psi
		Mix CM-2356, 4000 psi
		Mix CM-1821, 5000 psi
		Mix CM-2229, 3000 psi, Lightweight
		Mix CM-2239, 4000 psi, Lightweight

REMARKS OR SPECIAL NOTES -

SENT BY -
FIRST CLASS MAIL ( )
EXPRESS MAIL ( )
SPECIAL DELIVERY ( )
UNITED PARCEL SERVICE ( )
FEDERAL EXPRESS ( )
AIRLINE SERVICE ( )
GREYHOUND BUS ( )
UNDER SEPARATE COVER ( )
PICKED UP ( )
HAND CARRIED (X) by WEK

VERY TRULY YOURS,

SIERRA CONSTRUCTION CORP.

A. P. Rapone
Executive Vice-President

JWK:APR:gmb

CC -

r/k/kr

Dina Hasely 1-6-88

NEVADA TESTING LABORATORIES LTD

300 WEST BOSTON AVENUE
LAS VEGAS, NEVADA
TELEPHONE 385-7485

OSCAR J. SCHERER, P.E.
PRESIDENT

Rec'd. 11-3-10

CONCRETE MIX DESIGN, CM-1166

2,500 PSI - 28 Days; 3/4" Maximum Aggregate (Air Entrained)
Cement Type [redacted] V; 5.0 Sacks; Water 7.0 Gal./Sack; W/C .62

Requested By: Stocks Mill & Supply Company, Inc.
For: GOLDEN NUGGET TOWER, POOL AREA, CONNECTING AREA SLAB ON GRADE
Source of Material: Fine Aggregate - Stocks Pit
Coarse Aggregate - Stocks Pit
Potential Reactivity of Aggregate, ASTM C 289-71: Fine and Coarse Aggregates - Innocuous
Soundness of Aggregate, ASTM C 88-71a: Fine and Coarse Aggregates - 4.7%
Abrasion of Coarse Aggregates, ASTM C 131-69: 500 Revolutions, 26.9%
Organic Impurities, ASTM C 40-66: Fine and Coarse Aggregates - O.K.
Deleterious Materials, Fine Aggregate: Lightweight, .05%; Clay Particles, None
Deleterious Materials, Coarse Aggregate: Lightweight, None; Clay Particles, None
SIEVE ANALYSIS: S.G. & F.M.:

PERCENT PASSING U. S. STANDARD SIEVE

Sieve Size	Fine Aggregate	Coarse Aggregate
1"		100.0
3/4"		91.5
3/8"		22.3
No. 4	100.0	0.9
No. 8	82.0	
No. 16	54.4	
No. 30	38.5	
No. 50	28.2	
No. 100	7.7	
F. M.:	2.89	
S. G. (SSD):	2.70	2.73
Absorption, %:	2.5	1.0

RECEIVED
NOV 20 1985
GENERAL CONTRACTOR
SIERRA
CONSTRUCTION CORP.

MIX DESIGN FOR ONE CUBIC YARD OF CONCRETE: **Sacks Cement:** 5.0
Absolute Volume of Aggregate, in One Cubic Yard: **Cubic Feet:** 19.162
Weight of Aggregate in One Cubic Yard Batch: **Pounds:** 3,240

		Percent	Computed Batch Wts. (Lbs.)	Absolute Volume
W. C. Sand		44	1,420	8.431
Coarse Aggregate		56	1,820	10.731
Water:	7.0 Gal./Sack = 35.0 Gal.		290	4.647
Cement:	5.0 Sacks/Cubic Yard, Type [redacted] V		470	2.391
Entrained Air:				0.800
			TOTAL:	27.000

Slump: 4" Maximum
Admixture: MBVR; 0.75-fl.oz./100-lbs. Cement

NOTE: For water in sand in excess of 2.5 percent, make weight correction. For each 1.0 percent excess water, deduct 14 pounds mixing water and add 22 pounds sand.

Respectfully submitted,

NEVADA TESTING LABORATORIES, LTD.

O. J. Scherer, P. E.

OJS:sjp

250.374/.375/A20S
CSI No. 3.1 (B)

GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design intent of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Product Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and Civil Authority requirements must be met.

☐ APPROVED AS NOTED — RESUBMISSION NOT REQUIRED

☒ NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT

☐ REJECTED — DO NOT RESUBMIT

BY OSC

DATE 11-25-85

DISCIPLINE STRUCTURAL

MARTIN & ASSOCIATES

1001 BANCROFT, DRIVE S., LAS VEGAS, NV 89114

Date checked 1-6-87

Dona Hoesly 1-6-88

NEVADA TESTING LABORATORIES, LTD.
300 WEST BOSTON AVENUE
LAS VEGAS, NEVADA
TELEPHONE 386-7403

OSCAR J. SCHERER, P.E.
PRESIDENT

Aug. #3,10

CONCRETE MIX DESIGN, CM-1168
3,000 PSI - 28 Days; 3/4" Maximum Aggregate
Cement Type [redacted] V: 5.5 Sacks; Water 6.2 Gal./Sack; W/C .55

Requested By: Stocks Mill & Supply Company, Inc.
For: GOLDEN NUGGET POOL AREA & CONNECTING AREA FOUNDATIONS
Source of Material: Fine Aggregate - Stocks Pit
Coarse Aggregate - Stocks Pit
Potential Reactivity of Aggregates, ASTM C 289-71: Fine and Coarse Aggregates - Innocuous
Soundness of Aggregate, ASTM C 88-71a: Fine and Coarse Aggregates - 4.7%
Abrasion of Coarse Aggregates, ASTM C 131-69: 500 Revolutions, 26.9%
Organic Impurities, ASTM C 40-66: Fine and Coarse Aggregates - O.K.
Deleterious Materials, Fine Aggregate: Lightweight, .05%; Clay Particles, None
Deleterious Materials, Coarse Aggregate: Lightweight, None; Clay Particles, None
SIEVE ANALYSIS, S.G. & F.M.:

PERCENT PASSING U.S. STANDARD SIEVE

Sieve Size	Fine Aggregate	Coarse Aggregate
1"		100.0
3/4"		91.5
No. 4	100.0	22.3
No. 8	82.0	0.9
No. 16	54.4	
No. 30	38.5	
No. 50	28.2	
No. 100	7.7	
F. M.:	2.89	2.73
S. G. (SSD):	2.70	
Absorption, %:	2.5	1.0

RECEIVED
NOV 20 1985
GENERAL CONTRACTOR
SIERRA
CONSTRUCTION CORP.

MIX DESIGN FOR ONE CUBIC YARD OF CONCRETE:
Absolute Volume of Aggregate in One Cubic Yard: Sacks Cement: 5.5
Weight of Aggregate in One Cubic Yard Batch: Cubic Feet: 19.803
Pounds: 3,350

	Percent	Computed Batch Wts. (lbs.)	Absolute Volume
W. C. Sand	42	1,400	8.31
Coarse Aggregate	58	1,950	11.496
Water: 6.2 Gal./Sack = 34.2 Gal.		285	4.567
Cement: 5.5 Sacks/Cubic Yard, Type [redacted] V		517	2,630
		TOTAL:	27.000

Slump: 3" Maximum

[redacted] 250.374/.375/A20S -
CSI No. 3.1 (C)

Admixture: POZZOLITH 300R; 4.0-fl.oz./100-lbs. Cement OR
POZZOLITH 82; 6.0-fl.oz./100-lbs. Cement

NOTE: For water in sand in excess of 2.5 percent, make weight correction. For each 1.0 percent excess water, deduct 13 pounds mixing water and add 13 pounds sand.

OJS:sjp

Respectfully submitted,
NEVADA TESTING LABORATORIES, LTD.
By: O. J. Scherer, P. E.

Dona Haisley 1-6-88

GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design intent of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Product Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and local Authorities requirements must be met.

☒ APPROVED AS NOTED — RESUBMISSION NOT REQUIRED

☐ NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT

☐ REJECTED — DO NOT RESUBMIT

BY DSP

DATE 11-25-85

DISCIPLINE STRUCTURAL

MARTIN & ASSOCIATES

1001 DARBY DRIVE #, LAS VEGAS, NV 89114

Done Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-20-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Ground Floor Slab Of South Spa Room, Pool Area

MIX DESIGN: CM 1168

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 3000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 65

TICKET NO.: 51737

TEMPERATURE - AIR, °F: 55

SLUMP - INCHES: 3

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	82A	82B	82C		
DATE CAST	02-20-86	02-20-86	02-20-86		
DATE TESTED	02-27-86	03-20-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-27-86	02-27-86	02-27-86		
ULTIMATE LOAD - LBS.	112500	Discard MD	Discard MD		
COMPRESSIVE STRENGTH - PSI	3980				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Haisley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-26-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Bath Rooms, Spa Area, Floor Slabs

MIX DESIGN: CM 1168

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 3000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Giagola

TEMPERATURE - MIX, °F: 70

TICKET NO.: 52031

TEMPERATURE - AIR, °F: 67

SLUMP - INCHES: 4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	88A	88B	88C		
DATE CAST	02-26-86	02-26-86	02-26-86		
DATE TESTED	03-05-86	03-26-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-05-86	03-05-86	03-05-86		
ULTIMATE LOAD - LBS.	92000	Discard RO	Discard RO		
COMPRESSIVE STRENGTH - PSI	3250				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Hasely 1-6-87

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-03-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footings, Lines E To H, From 1 To 7

MIX DESIGN: CM 1168

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 3000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 75

TICKET NO.: 52331

TEMPERATURE - AIR, °F: 85

SLUMP - INCHES: 4 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO:	96A	96B	96 C		
DATE CAST	03-03-86	03-03-86	03-03-86		
DATE TESTED	03-10-86	03-31-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-10-86	03-10-86	03-10-86		
ULTIMATE LOAD - LBS.	96000	Discard RO	Discard RO		
COMPRESSIVE STRENGTH - PSI	3400				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Hales 1-6-88

CUSTOMERS NAME: SIERRA CONST. DATE: 4-7-86

DELIVERY ADDRESS: GLEN WRIGHT

OFF BRINGER - NEW JOINER

LOAD NO	ACCUM. YDS	P.O. #	JOB NO.	CODE	DELIVERY TICKET No.
1	10		375	1	54387

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX 1168 AGGREG. 3/4		
		5		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made before this material is delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
4½	11		93	Dom Jose	

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME		
ARRIVAL TIME	1	00
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client [redacted]ndia Design & Furnishings
[redacted] East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-07-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction — Architect/Engineer
Source of Sample Interior, Continuous Footings, Lines 6.1 To 12
Concrete Supplier Stocks Mill & Supply — Measured Slump, in. 4 1/4
Ticket Number 54387 — Measured Air Content, % Not Measured
Batch Size, cu.yds. 12 — Concrete Temperature, °F 72
Mix Identification CM 1168 — Ambient Air Temperature, °F 65
Design Strength, psi 3000 / 28 days — Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4 — No. of Cylinders Molded 3
Time in Mixer 1 hrs. 15 min. — Sampled By J. Glagola Date 04-07-86
Water Added on Job, gal. 0 — Submitted By J. Glagola Date 04-08-86
Test Procedure ASTM C39-83B — Authorized By Marty Date 04-07-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
135A	04-14-86	7	99000	3500			RO
135B	05-05-86	28	Discard				RO
135C		Hold	Discard				RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona. Hasely 1-6-88

CUSTOMER COPY

CUSTOMERS NAME: Sierra Const — DATE: 7-15-86

DELIVERY ADDRESS: Golden Nugget Non Structural Carson.

LOAD NO.	ACCUM. YDS.	JOB NO.	CODE	DELIVERY RECEIPT No.
1	7	375	1	5231

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
7	YARDS	MIX CM1166 AGGREG. 3/4 KITCHEN AREA		
Test Did not Pour		see that 1 Pound		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS	Too much water	
		SUB-TOTAL		
		STANDING TIME		
		TOTAL	PBZ	

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

CAUTION Freshly mixed mortar, grout or concrete may cause skin irritation. Avoid direct contact when possible and wash exposed skin area promptly with water. If any of the cementitious material gets into the eyes, rinse immediately and repeatedly with water.

KEEP OUT OF REACH OF CHILDREN

TIME	HOURS	MINUTES
TIME POUR COMPLETED	07	00
ARRIVAL TIME	06	00
TOTAL TIME ON JOB	1	10
TIME IN		
TIME OUT		

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5¼	10+10+10+5	35	80	Jerry	Jim Orr

CUSTOMER COPY

CUSTOMERS NAME: Sierra Const — DATE: 7-15-86

DELIVERY ADDRESS: Golden Nugget Non Structural Carson

LOAD NO.	ACCUM. YDS.	P.O.#	JOB NO.	CODE	DELIVERY RECEIPT No.
2	14		375	1	5232

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
7	YARDS	MIX CM1166 AGGREG. 3/4 Kitchen Area Wtr/Bucket		
		ADMIXTURE	Did not see this Pour	
		SALES TAX	Test Box	
		DISCOUNTS	Used 2 Box	
		SUB-TOTAL	Water	
		STANDING TIME		
		TOTAL	PBZ	

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

CAUTION Freshly mixed mortar, grout or concrete may cause skin irritation. Avoid direct contact when possible and wash exposed skin area promptly with water. If any of the cementitious material gets into the eyes, rinse immediately and repeatedly with water.

KEEP OUT OF REACH OF CHILDREN

TIME	HOURS	MINUTES
TIME POUR COMPLETED	8	15
ARRIVAL TIME	9	45
TOTAL TIME ON JOB	1	2
TIME IN		
TIME OUT		

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5¼	- - 11+5	17	17	Gordon	Fred Smith

STOCKS MILL & SUPPLY COMPANY, INC.
Ready Mix Concrete
Rock - Sand - Gravel
3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

Dona Hasely 1-6-88

CUSTOMERS NAME Sierra Const DATE 7-15-86

DELIVERY ADDRESS Golden Nugget Hotel & Casino

LOAD NO.	ACCUM. YDS.	P.O.#	JOB NO.	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
1	10		375	T		5240

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX 2M1166 AGGREG. 3/4		
		I did not see Pour		
		BATH ROOMS Test Dept		
		BETWEEN 20 TO 22 Pour		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

CAUTION
Freshly mixed mortar, grout or concrete may cause skin irritation. Avoid direct contact when possible and wash exposed skin area promptly with water. If any of the cementitious material gets into the eyes, rinse immediately and repeatedly with water.

KEEP OUT OF REACH OF CHILDREN

ADMIXTURE	Poor Grade
SALES TAX	Too
DISCOUNTS	Much
SUB-TOTAL	Water
STANDING TIME	Rock
TOTAL	

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
4	10 + 20 + 10 =	110	80	Jerry	

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.
Ready Mix Concrete
Rock - Sand - Gravel
3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
TIME POUR COMPLETED	12	10
ARRIVAL TIME	10	00
TOTAL TIME ON JOB	2	10
TIME IN		
TIME OUT		

STANDING TIME CHARGES: 5 MIN. PER CUBIC YARD FREE

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 08-01-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 1st Floor, Decking, Wall Lines J-P, On 5
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 3 1/2
Ticket Number: 06258
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 6
Concrete Temperature, °F: 90
Mix Identification: CM1168
Ambient Air Temperature, °F: 105
Design Strength, psi: 3000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: hrs. 50 min.
Sampled By: K. Singh Date: 08-01-86
Water Added on Job, gal.: 3
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
412A	08-08-86	7	88500	3130			PP
412B	08-29-86	28	Discard				PP
412C		Hold	Discard				PP

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

Lab/Invoice No: 41441111

Concrete Mix Design CM 2356
4000 PSI - 28 Days; 3/4" Maximum Aggregate
Cement Type II or V; 6.5 Sacks; Water 5.55 Gals/Sack; W/C = 0.49

GOLDEN NUGGET TOWER FOUNDATIONS & ELEVATOR CORE ABOVE 3RD FLOOR
GOLDEN NUGGET POOL & CONNECTING AREA SHEAR WALL

Aub. #3.10

Requested By: Stocks Mill & Supply
Source of Material: Fine and Coarse Aggregate: Stocks Pit
Potential Reactivity of Aggregate, ASTM C289-71: Fine & Coarse Aggregate - Innocuous
Soundness of Aggregate, ASTM C88-73: Fine & Coarse Aggregate - 1.8%
Abrasion of Coarse Aggregate, ASTM C131-69: 500 Revolutions, 22.1%
Organic Impurities, ASTM C40-73: Fine & Coarse Aggregate - O.K.
Deleterious Material, Fine Aggregate: Minus #200, 3.4%; Lightweight 0.05%; Clay Particles, None
Deleterious Material, Coarse Aggregate: Lightweight, None; Clay Particles, None
SIEVE ANALYSIS: S.G. & F.M.: May 1983 (By Fox)

PERCENT PASSING U.S.STANDARD SIEVE

Sieve Size	Fine Aggregate	Coarse Aggregate
1"		100
3/4"		94
3/8"	100	32
No. 4	99	8
No. 8	76	1
No. 16	48	
No. 30	32	
No. 50	20	
No. 100	9	
F.M.:	3.16	
S.G. (SSD):	2.70	2.72
Absorption %:	2.90	1.0

MIX DESIGN FOR ONE CUBIC YARD OF CONCRETE: Sacks Cement: 6.5
Absolute Volume of Aggregate in One Cubic Yard: Cubic Feet: 19.084
Weight of Aggregate in One Cubic Yard Batch: Pounds: 3230

	Percent	Computed Batch Weight (pounds)	Absolute Volume (Cubic Feet)
W.C. Sand (SSD)	43	1385	8.206
Coarse Aggregate (SSD)	57	1845	10.878
Water: 5.55 Gals/Sack = 36 Gallons		300	4.808
Cement: 6.5 Sacks/Cubic Yard, Type II or V		611	3.108
		Total	27.000

Slump: 5" Maximum

Admixture: Pozzolith 322N: 4.0 fl.oz/100 lbs cement.
Pump-Ease as per manufacturer's recommendations.

NOTE: Correct mixing water for sand moisture in excess of 2.5 percent. For each one percent excess moisture, deduct 14 pounds water and add 14 pounds sand.

Respectfully submitted,
WESTERN TECHNOLOGIES INC.

By: Kulwant S. Sahi
Kulwant S. Sahi, P.E.
Nevada RCE 6640

bjc

RECEIVED
NOV 20 1985
GENERAL CONTRACTOR
SIERRA
CONSTRUCTION CORP.

250.374/.375/A20S
CSI No. 3.1 (b)

Dona Hasley 1-6-88

GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design intent of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Product Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and Local Authority requirements must be met.

☒ APPROVED AS NOTED — RESUBMISSION NOT REQUIRED

☐ NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT

☐ REJECTED — DO NOT RESUBMIT

BY DSP DISCIPLINE STRUCTURAL

DATE 11-25-85

MARTIN & ASSOCIATES

1001 RANCHO DRIVE S., LAS VEGAS, NV 89106

Dona Shealy 1-6-88

CUSTOMERS NAME: Viola Const. DATE: 12-9 85

DELIVERY ADDRESS: Golden Nugget off Bridger tower

LOAD NO.	ACCUM. YDS	P.O.	JOB NO.	CODE	DELIVERY No.
3	30		375	1	47086

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX 3/4 AGGREG		
		5 1/2"		
		ADMIXTURE Slumpo		
		SALES TAX 5		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb nor property line. Claims for shortage will not be allowed unless made on the day material was delivered. Water added to this concrete will reduce strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS) ON THE JOB	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
4 1/2	120 -	2	81	ADOLFO M.	

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
CARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME	2	30
ARRIVAL TIME	2	20
TOTAL TIME CHARGES		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
390 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-09-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column Footing, Line P-5, Bottom Half

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 65

TICKET NO.: 47086

TEMPERATURE - AIR, °F: 53

SLUMP - INCHES: 5½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: Placement of column footings F-1,3,5,6,8

SPECIMEN NO.	1A	1B	1C		
DATE CAST	12-09-85	12-09-85	12-09-85		
DATE TESTED	12-16-85	01-06-86	01-06-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-16-85	12-16-85	12-16-85		
ULTIMATE LOAD - LBS.	118500	138000	Discard RQ		
COMPRESSIVE STRENGTH - PSI	4190	4880			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dixie Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-09-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column Footing, Line F-5, Bottom Half

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 65

TICKET NO.: 47086

TEMPERATURE - AIR, °F: 53

SLUMP - INCHES: 5½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: Placement of column footings F-1,3,5,6,8

SPECIMEN NO.	1A	1B	1C		
DATE CAST	12-09-85	12-09-85	12-09-85		
DATE TESTED	12-16-85	01-06-86	01-06-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-16-85	12-16-85	12-16-85		
ULTIMATE LOAD - LBS.	118500	Discard	Discard		
COMPRESSIVE STRENGTH - PSI	4190	SN	SN		

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite.

Dona Shealy 1-6-88

CUSTOMERS NAME: Sunrise St. | DATE: 12-10-85

DELIVERY ADDRESS: Golden Nugget

1st & Bridger

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	DELIVERY RECEIPT No.
2	20		375		7154

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX UM 235 AGGREG 3/4		
		ADMIXTURE		
		SALES TAX	F-10	
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made on the day this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

PUMP | WATER ADDED (GALLONS) ON THE JOB: 1½ - 4 - | TOTAL GAL. | TRUCK NO. 182 | DRIVER: CARL | RECEIVED & ACCEPTED BY: Ron Acuna

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26429
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
	0	05
ARRIVED TIME	1	45
TOTAL TIME ON JOB		20

TIME IN

TIME OUT 1:01

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE 10

Orig Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-10-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column Footings, Line B From Top Of 10 & Bottom Of 11, Placement of Column Footings Lines B From 3,5,6,8,10,11,12

MIX DESIGN: CM 2356

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: V

ADMIXTURE: Master Builders Pozzolith 322N

DESIGN STRENGTH, PSI: 4000 @ 28 days

SAMPLED BY: K. Singh/WesTech

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 47154

TEMPERATURE - MIX, °F: 65

SLUMP - INCHES: 4

TEMPERATURE - AIR, °F: 50

NOMINAL DIMENSIONS - INCHES: 6 X 12

AIR CONTENT - %: Not Measured

COMMENTS:

SPECIMEN NO.	2A	2B	2C		
DATE CAST	12-10-85	12-10-85	12-10-85		
DATE TESTED	12-17-85	01-07-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-17-85	12-17-85	12-17-85		
ULTIMATE LOAD - LBS.	13000	Discard	Discard		
COMPRESSIVE STRENGTH - PSI	4600	BT	BT		

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Bonanza Shoals 1-6-88

CUSTOMERS NAME Serra Const. DATE 12-11 85

DELIVERY ADDRESS Golden Nugget New Tower

enter Carson + 1st

LOAD NO.	CUM. YDS.	P.O. #	JOB NO.	CODE	A/P	DELIVERY RECEIPT No.
2	21		375	1	12	47229

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX M235 AGGREG 5/4		
		V		
			5 1/4	
		ADMIXTURE		
		SALES TAX	F	
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage made curb or property line. Claims for shortage will not be allowed unless made [illegible] this material is delivered. Addition of water reduces strength of this concrete will reduce its strength. Any water added is at customer's own risk.

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock · Sand · Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
	12	50
ARRIVAL TIME	12	35
TOTAL TIME ON JOB		15

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
4 1/2	10	10	23	MIKE	[illegible]

Dona Hasty 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-11-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145WJ182

SPECIMEN SAMPLED FROM: Lines On B From 15-16 And Bottom Of 17, Column Footings Lines On B From 13-20

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 58

TICKET NO.: 47229

TEMPERATURE - AIR, °F: 45

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	3A	3B	3C		
DATE CAST	12-11-85	12-11-85	12-11-85		
DATE TESTED	12-18-85	01-08-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-18-85	12-18-85	12-18-85		
ULTIMATE LOAD - LBS.	122000	Discard	Discard		
COMPRESSIVE STRENGTH - PSI	4320	SN	SN		

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Hawley 1-6-88

CUSTOMER COPY

CUSTOMERS NAME: DIEFO CONST. DATE: 12/12/85

DELIVERY ADDRESS: GOLDEN NUGGET-NEW TOWER

1ST & CARSON

LOAD NO.	ACCUM. YDS.	P.O. #	JOB NO.	CODE	A.M. P.M.	DELIVERY RECEIPT No.
2	20		375	1	PM	47318

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX 2350 AGGREG. 3/4		
				5 $ lump
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages made curb or property line. Claims for damage will not be allowed unless made before this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	- - 5	5	78	Jerry	C. Hawkins

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

• Rock • Sand • Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

:MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME	2	37
ARRIVAL TIME	2	10
TOTAL TIME ON JOB		

TIME IN

TIME OUT: 1 53

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hanley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-12-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines K, Top Of 29 Bottom 28, Placement Of Column Footings Lines K From 21-30

MIX DESIGN: CM 2356

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: V

ADMIXTURE: Master Builders Pozzolith 322N

DESIGN STRENGTH, PSI: 4000 @ 28 days

SAMPLED BY: K. Singh/WesTech

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 47318

TEMPERATURE - MIX, °F: 58

SLUMP - INCHES: 5

TEMPERATURE - AIR, °F: 45

NOMINAL DIMENSIONS - INCHES: 6 X 12

AIR CONTENT - %: Not Measured

COMMENTS: _____

SPECIMEN NO.	5A	5B	5C		
DATE CAST	12-12-85	12-12-85	12-12-85		
DATE TESTED	12-19-85	01-09-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-19-85	01-09-86	01-09-86		
ULTIMATE LOAD - LBS.	111000	140000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3930	4950			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-12-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines K, Top Of 29 Bottom 28, Placement Of Column Footings Lines K From 21-30

MIX DESIGN: CM 2356

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: V

ADMIXTURE: Master Builders Pozzolith 322N

DESIGN STRENGTH, PSI: 4000 @ 28 days

SAMPLED BY: K. Singh/WesTech

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 47318

TEMPERATURE - MIX, °F: 58

SLUMP - INCHES: 5

TEMPERATURE - AIR, °F: 45

NOMINAL DIMENSIONS - INCHES: 6 X 12

AIR CONTENT - %: Not Measured

COMMENTS: _____

SPECIMEN NO.	5A	5B	5C		
DATE CAST	12-12-85	12-12-85	12-12-85		
DATE TESTED	12-19-85	01-09-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-19-85				
ULTIMATE LOAD - LBS.	111000				
COMPRESSIVE STRENGTH - PSI	3930				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Stacks 1-6-88

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3836 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

CUSTOMERS NAME: Ova. Const. DATE: 12-13-85

DELIVERY ADDRESS: Golden Nugget tower
enter on Carson

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
2	20		375	1		47453

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10.	YARDS	MIX: ma 356 AGGREG. 3/4		
		Slump 5 1/2		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

TIME	HOURS	MINUTES
DEPARTURE TIME	14	15
ARRIVAL TIME	13	50
TOTAL TIME ON JOB		25

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS) ON THE JOB	TOTAL GALS.	ORDER NO.	DRIVER	RECEIVED & ACCEPTED BY
5	- 15 -	15	72 96	BOB Jeff	(illegible)

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-13-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: CM 2356

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 4000 @ 28 days

MAX. SIZE AGGREGATE: 3/4

TEMPERATURE - MIX, °F: 65

TEMPERATURE - AIR, °F: 52

AIR CONTENT - %: Not Measured

SPECIMEN SAMPLED FROM: Lines E-29, Top Half And 28, Bottom Half, Placement Of Column Footings, Lines E From 27-30, G-30, & H-30

SUPPLIER: Stocks Mill & Supply

ADMIXTURE: Not Available

SAMPLED BY: K. Singh/WesTech

TICKET NO.: 47435

SLUMP - INCHES: 5½

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	7A	7B	7C		
DATE CAST	12-13-85	12-13-85	12-13-85		
DATE TESTED	12-20-85	01-10-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-20-85	01-10-86	01-10-86		
ULTIMATE LOAD - LBS.	117000	Discard RQ	Discard RQ		
COMPRESSIVE STRENGTH - PSI	4140				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Hiesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-13-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines E-29, Top Half And 28, Bottom Half, Placement Of Column Footings, Lines E From 27-30, G-30, & H-30

MIX DESIGN: CM 2356

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: V

ADMIXTURE: Not Available

DESIGN STRENGTH, PSI: 4000 @ 28 days

SAMPLED BY: K. Singh/WesTech

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 47435

TEMPERATURE - MIX, °F: 65

SLUMP - INCHES: 5½

TEMPERATURE - AIR, °F: 52

NOMINAL DIMENSIONS - INCHES: 6 X 12

AIR CONTENT - %: Not Measured

COMMENTS:

SPECIMEN NO.	7A	7B	7C		
DATE CAST	12-13-85	12-13-85	12-13-85		
DATE TESTED	12-20-85	01-10-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-20-85				
ULTIMATE LOAD - LBS.	117000				
COMPRESSIVE STRENGTH - PSI	4140				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Angela — 1-6-83

CUSTOMERS NAME: Cetra Corp.
DELIVERY ADDRESS: Golden Nugget 3rd Bldg.
DATE: 1-6-83

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	DELIVERY RECEIPT No.
3	30		375	1	47552

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX CM2350 AGGREG. 3/4		
		5" Slump		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		- TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage made curb or property line. Claims for shortage will not be allowed unless made before this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5"	10+5	15	80	Jerry	

CUSTOMER COPY

ROCKS
MIX & SUPPLY
COMPANY, INC.
Ready Mix Concrete
Sand Gravel
3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
CARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

	HOURS	MINUTES
	14	30
	13	25
	1	05

IN
OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-16-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmeyer

SPECIMEN SAMPLED FROM: Lines D-11, Column Footing Lines D-3,5,6,8,10,11,12

MIX DESIGN: CN 2356

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE: Master Builders Pozzolith

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 65

TICKET NO.: 47552

TEMPERATURE - AIR, °F: 54

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	8A	8B	8C		
DATE CAST	12-16-85	12-16-85	12-16-85		
DATE TESTED	12-23-85	01-13-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-23-85	01-13-86	01-13-86		
ULTIMATE LOAD - LBS.	108000	146000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3820	5160			

Copies:
Client - (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Doris Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-16-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4I45J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines D-11, Column Footing Lines D-3,5,6,8,10,11,12

MIX DESIGN: CM 2356

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE: Master Builders Pozzolith

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 65

TICKET NO.: 47552

TEMPERATURE - AIR, °F: 54

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	8A	8B	8C		
DATE CAST	12-16-85	12-16-85	12-16-85		
DATE TESTED	12-23-85	01-13-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-23-85				
ULTIMATE LOAD - LBS.	108000				
COMPRESSIVE STRENGTH - PSI	3820				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-17-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footings C5 & C3

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola/WesTech

TEMPERATURE - MIX, °F: 66

TICKET NO.: 7663

TEMPERATURE - AIR, °F: 57

SLUMP - INCHES: 6

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: 30 gallons of water added by Sierra.

SPECIMEN NO.	10A	10B	10C		
DATE CAST	12-17-85	12-17-85	12-17-85		
DATE TESTED	12-24-85	01-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-24-85	01-14-86	01-14-86		
ULTIMATE LOAD - LBS.	103000	140000	Discard JR		
COMPRESSIVE STRENGTH - PSI	3640	4950			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas (1) Jobsite

Don Sheets 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-17-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footings C5 & C3

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola/WesTech

TEMPERATURE - MIX, °F: 66

TICKET NO.: 47663

TEMPERATURE - AIR, °F: 57

SLUMP - INCHES: 6

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: 30 gallons of water added by Sierra.

SPECIMEN NO.	10A	10B	10C		
DATE CAST	12-17-85	12-17-85	12-17-85		
DATE TESTED	12-24-85	01-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-24-85				
ULTIMATE LOAD - LBS.	103000				
COMPRESSIVE STRENGTH - PSI	3640				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail

Dona Haesly 1-6-88

CUSTOMERS NAME: Unica Const.

DELIVERY ADDRESS: Golden Nugget

911 Bridger

DATE: 12 18 85

toror

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE
12	20		375	1

M DELIVERY RECEIPT No. 47730

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX CA2356 AGGREG. 3/4		
			& 4" slump	
			B-C.D. Line	
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage to curb or property. Claims for shortage will not be followed unless made before unloading. This material was delivered without additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

CUSTOMER COPY

S. OCKS
MILL & SUPPLY COMPANY, INC.
Ready Mix Concrete
Rock · Sand · Gravel
3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
RENSIDE STATION
LAS VEGAS, NEVADA
89126
PHONE (702) 876-6557

HOURS	MINUTES
10	

TIME IN

TIME OUT 23 [illegible]

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
4	- - -	10	83	Bill	C Hawkins

Dona Hiedy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-18-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines D-1, Bottom Half, Column Footings Lines B,C & D On 1

MIX DESIGN: CM 2356

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 63

TICKET NO.: 47730

TEMPERATURE - AIR, °F: 50

SLUMP - INCHES: 4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	11A	11B	11C		
DATE CAST	12-18-85	12-18-85	12-18-85		
DATE TESTED	12-25-85	01-15-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-26-85				
ULTIMATE LOAD - LBS.	125000	Discard	Discard SN		
COMPRESSIVE STRENGTH - PSI	4420				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Hasely 1-6-88

CUSTOMERS NAME S.O.J.A. Const. DATE 12-18-85

DELIVERY ADDRESS Golden Nugget tower.
Carson + 1st St.

LOAD NO.	ACCUM. YDS.	P.O. #	JOB NO.	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
2	22		375	1	P.M.	47776

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
11	YARDS	MIX M2356 AGGREG 3/4	4½	
		I	K-17-18	
			Footings	
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer desires it, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made before this material is delivered. Additional water added to this concrete will reduce strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED GALLONS ON THE JOB	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
4	- - -	5	87	LONNIE	C. Hacker

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
[redacted]	2	40
ARRIVAL TIME	2	10
TOTAL TIME ON JOB		

TIME IN

TIME OUT 1:30 P.M.

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-18-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines 18 & 19 Bottom, Column Footings Lines K From 13-20

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 74

TICKET NO.: 47776

TEMPERATURE - AIR, °F: 63

SLUMP - INCHES: 4½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	12A	12B	12C		
DATE CAST	12-18-85	12-18-85	12-18-85		
DATE TESTED	12-25-85	01-15-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-26-85	01-15-86			
ULTIMATE LOAD - LBS.	101000	144500	Discard SN		
COMPRESSIVE STRENGTH - PSI	3570	5110			

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Hanley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-18-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines 18 & 19 Bottom, Column Footings Lines K From 13-20

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 74

TICKET NO.: 47776

TEMPERATURE - AIR, °F: 63

SLUMP - INCHES: 4½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	12A	12B	12C		
DATE CAST	12-18-85	12-18-85	12-18-85	/	
DATE TESTED	12-25-85	01-15-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-26-85				
ULTIMATE LOAD - LBS.	101000				
COMPRESSIVE STRENGTH - PSI	3570				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-19-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footings H-25, E-26

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Gi[illegible]ola/WesTech

TEMPERATURE - MIX, °F: 68

TICKET NO.: 47899

TEMPERATURE - AIR, °F: 63

SLUMP - INCHES: 4¼

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	16A	16B	16C		
DATE CAST	12-19-85	12-19-85	12-19-85		
DATE TESTED	12-26-85	01-16-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-26-85				
ULTIMATE LOAD - LBS.	114000				
COMPRESSIVE STRENGTH - PSI	4030				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail

Done Hoist 1-6-83

CUSTOMER COPY

CUSTOMERS NAME SIERRA CONST. DATE 12/20/82

DELIVERY ADDRESS GOLDEN NUGGET NEW TOWER

CARSON & 1ST

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	A.M. P.M.	DELIVERY RECEIPT No.
2	20		375	1	2:10	48037

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX 2356 AGGREG. 3/4		
		5" Slump		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage made curb or property line. Claims for shortage will not be allowed unless made [illegible] this material is delivered. Water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED GALLONS ON THE JOB	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
4 1/2	— — —		59		

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock · Sand · Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

	HOURS	MINUTES
	2	24
	2	05

TIME IN

TIME OUT 1:49

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-20-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 41451182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines E From 22, Top & 23 Bottom, Footings

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 69

TICKET NO.: 48037

TEMPERATURE - AIR, °F: 64

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	18A	18B	18C		
DATE CAST	12-20-85	12-20-85	12-20-85		
DATE TESTED	12-27-85	01-17-86	01-17-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-27-85				
ULTIMATE LOAD - LBS.	28000				
COMPRESSIVE STRENGTH - PSI	4530				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail

129 E. Fremont
SPEC REPORTS

CUSTOMER'S NAME: Sierra Const. | DATE: 12-26-85

DELIVERY ADDRESS: Golden Nugget Pool Area, Carson Valley Area

LOAD NO. | ACCUM. YDS. | P.O. # | JOB NO. 354 | CODE N | A.M. P.M. | DELIVERY RECEIPT No. 48304

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
9	YARDS	MIX 2sk56 AGGREG 3/4 V		
		Slt taken 4/25		
		ADMIXTURE Nl wtrp		
		SALES TAX		
		DISCOUNTS		
		SUB TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP 4" | WATER ADDED (GALLONS) ON THE JOB: — | TOTAL GALS 0 | TRUCK NO 32 | DRIVER Ron | RECEIVED & ACCEPTED BY Nat

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock · Sand · Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME		
ARRIVAL TIME		
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Donna Hardy 1-6-86

Dona Hasely

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-26-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines P-33 & 34, L.8-33,34,6,7,8 Footings

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 73

TICKET NO.: 48304

TEMPERATURE - AIR, °F: 64

SLUMP - INCHES: 4½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	23A	23B	23C		
DATE CAST	12-26-85	12-26-85	12-26-85		
DATE TESTED	01-02-86	01-23-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-02-86				
ULTIMATE LOAD - LBS.	121000				
COMPRESSIVE STRENGTH - PSI	4280				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail

Dona Hasely 1-6-86

CUSTOMERS NAME: Sonia Ren... | DATE: 12-31-85

DELIVERY ADDRESS: Golden Nugget Hotel Pool Area

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock • Sand • Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
2	13		374	1		48906

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
6	YARDS	MIX CM2356 AGGREG 3/4		
		ADMIXTURE		

Test Taken 1 Pm 12-31-85

SALES TAX		
DISCOUNTS		
SUB-TOTAL		
STANDING TIME		
TOTAL		

TIME	HOURS	MINUTES
DEPARTURE TIME	1	20
ARRIVAL TIME	12	50
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS	TRUCK NO	DRIVER	RECEIVED & ACCEPTED BY
5			82	Steve	

Dona Hardy 1-6-86

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-31-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines B-5.32 & C-8.32, Column Footings Lines J-5.32, G-3.32, C-8.32, B-5.32

MIX DESIGN: 6M 2356

SUPPLIER: Stocks Mill &Supply

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 67

TICKET NO.: 48900

TEMPERATURE - AIR, °F: 60

SLUMP - INCHES: 6

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	26A	26B	26C		
DATE CAST	12-31-85	12-31-85	12-31-85		
DATE TESTED	01-07-86	01-28-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-07-86	01-27-86	01-27-86		
ULTIMATE LOAD - LBS.	116000	Discard SN	Discard SN		
COMPRESSIVE STRENGTH - PSI	4100				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas, Attn: Mr. Bob Anderson (1)

Dona Hardy 1-6-88

Footing for Pool Wall

CUSTOMERS NAME: Sierra Const. | DATE: 1-3-86

DELIVERY ADDRESS: Golden Nugget · pool area
1st + Carson

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
2	20		3741	1	P.M.	48618

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX Cm 2356 AGGREG. 3/4		
		V 4.1/2" S/4"		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME	2	10
ARRIVAL TIME	2	15
TOTAL TIME ON JOB	1	51

TIME IN: 1

TIME OUT: 1 31 DEC 3

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	- - NOW 12		79	Harry	

Dona Haesly 1-6-88

Dora Hasely

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-03-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Pump House Footings, Pool Area, S.W. Corner

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 74

TICKET NO.: 48618

TEMPERATURE - AIR, °F: 67

SLUMP - INCHES: 4½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	30A	30B	30C		
DATE CAST	01-03-86	01-03-86	01-03-86		
DATE TESTED	01-10-86	01-31-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-10-86	01-10-86	01-10-86		
ULTIMATE LOAD - LBS.	120000	Discard RO	Discard RO		
COMPRESSIVE STRENGTH - PSI	4240				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dora Hasely 1-6-88

Dona Hasely 1-6-88

CUSTOMER COPY

CUSTOMERS NAME Sica Const. DATE 1-16-86

DELIVERY ADDRESS Golden Nugget New tower

Expressway

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
1	5		875	1	12:00	49280

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
5	YARDS	MIX M2356 AGGREG 3/4		
		5 1/2		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made before this material is delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26469
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

	HOURS	MINUTES
DEPARTURE TIME		
ARRIVAL TIME	12	00
TOTAL TIME ON JOB		

TIME IN

TIME OUT 1110 1130

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

RECEIVED & ACCEPTED BY

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL	TRUCK NO.	DRIVER
5	- - - 3		75	JOE

Dona Hasely 1-6-88

Dona Hasley X-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-10-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 9 Footings A Line, 1 through 12

MIX DESIGN: CM 2356

TYPE CEMENT: I

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 67

TICKET NO.: 49280

TEMPERATURE - AIR, °F: 77

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	32A	32B	32C		
DATE CAST	01-10-86	01-10-86	01-10-86		
DATE TESTED	01-17-86	02-07-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-18-86	02-07-87	02-07-86		
ULTIMATE LOAD - LBS.	101000	136000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3570	4810			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Hasley 1-6-88

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-10-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: 9 Footings A Line, 1 through 12

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 67

TICKET NO.: 49280

TEMPERATURE - AIR, °F: 77

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	32A	32B	32C		
DATE CAST	01-10-86	01-10-86	01-10-86		
DATE TESTED	01-17-86	02-07-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-18-86				
ULTIMATE LOAD - LBS.	101000				
COMPRESSIVE STRENGTH - PSI	3570				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Hasely 1-6-88

Dona Hasely

CUSTOMER COPY

CUSTOMER'S NAME: Sierra Const. DATE: 1-14-86

DELIVERY ADDRESS: Golden Nugget Tower Pursuit

LOAD NO	ACCUM YDS	P.O. #	JOB NO	CODE	DELIVERY RECEIPT No.
1	10		375	1	49375

QUAN	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX M2356 AGGREG 3/4		
		5½" Slump		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made at the time this material is delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED GALLONS ON THE JOB	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	- - - 0		13	Tom	Walt Jones

STOCKS MILL & SUPPLY COMPANY, INC.
Ready Mix Concrete
Rock - Sand - Gravel
3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME	8	40
ARRIVAL TIME	8	00
TOTAL TIME ON JOB		

TIME IN:
TIME OUT:
STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

CUSTOMER COPY

CUSTOMER'S NAME: SIERRA CONST. DATE: 1/14/86

DELIVERY ADDRESS: GOLDEN NUGGET NEW TOWER
40 IN OFF CAISSON

LOAD NO	ACCUM YDS	P.O. #	JOB NO	CODE	DELIVERY RECEIPT No.
1	10		375	1	49417

QUAN	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX 2356 AGGREG 3/4		
		5½" SLUMP		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made at the time this material is delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED GALLONS ON THE JOB	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5½	- - - -	0	75	Joe	

STOCKS MILL & SUPPLY COMPANY, INC.
Ready Mix Concrete
Rock - Sand - Gravel
3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME	10	10
ARRIVAL TIME	10	00
TOTAL TIME ON JOB		

TIME IN:
TIME OUT: 11:44
STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hasely 1-6-88

Dona Hanley

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-14-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footings, 8.5 Line, 23rd Through 29

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 64

TICKET NO.: 49375

TEMPERATURE - AIR, °F: 61

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	33A	33B	33C		
DATE CAST	01-14-86	01-14-86	01-14-86		
DATE TESTED	01-21-86	02-11-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-21-86	01-21-86	01-21-86		
ULTIMATE LOAD - LBS.	117000	Discard SN	Discard SN		
COMPRESSIVE STRENGTH - PSI	4140				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Hanley 1-6-88

Dona Hasely

slab on Grade Fire Pump Room

CUSTOMERS NAME Corky Gibson

DELIVERY ADDRESS Golden Nugget - old Garage

DATE 1-15-86

LOAD NO. 1 | ACCUM. YDS. 10 | P.O. # | JOB NO. 362 | CODE 1 | DELIVERY RECEIPT No. 49449

QUAN.	UNITS	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX C m 2356 AGGREG.		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made on day this material was delivered. Addition of water to this concrete will reduce strength. Any water added is at customer's own risk.

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock · Sand · Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME	8	20
ARRIVAL TIME	7	10
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES $ PER PER CUBIC YARD FREE

SLUMP	WATER ADDED (GALLONS) ON THE JOB	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5		10	82		

Dona Hasely 1-6-88

Dona Hatsis

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: CM 2356

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 4000 @ 28 Day

MAX. SIZE AGGREGATE: 3/4

TEMPERATURE - MIX, °F: 62

TEMPERATURE - AIR, °F: 60

AIR CONTENT - %: Not Measured

DATE: 01-15-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

SPECIMEN SAMPLED FROM: Floor Slab, Pump Room,

SUPPLIER: Stocks Mill & Supply

ADMIXTURE: Master Builders Pozzolith 322N

SAMPLED BY: M. Draper/WesTech

TICKET NO.: 49449

SLUMP - INCHES: 3 3/4

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	34A	34B	34C		
DATE CAST	01-15-86	01-15-86	01-15-86		
DATE TESTED	01-22-86	02-12-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-22-86	01-22-86	01-22-86		
ULTIMATE LOAD - LBS.	125000	Discard SN	Discard SN		
COMPRESSIVE STRENGTH - PSI	4420				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Hatsis 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-17-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

SPECIMEN SAMPLED FROM: Mat Footing

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: CM 2356

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 4000 @ 28 Day

MAX. SIZE AGGREGATE: 3/4

TEMPERATURE - MIX, °F: 58

TEMPERATURE - AIR, °F: 55

AIR CONTENT - %: Not Measured

SUPPLIER: Stocks Mill & Supply

ADMIXTURE: Master Builders Pozzolith 322N

SAMPLED BY: M. Draper/WesTech

TICKET NO.: 49710

SLUMP - INCHES: 5 1/4

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	42A	42B	42C		
DATE CAST	01-17-86	01-17-86	01-17-86		
DATE TESTED	01-24-86	02-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-24-86	01-24-86	01-24-86		
ULTIMATE LOAD - LBS.	120500	Discard SN	Discard SN		
COMPRESSIVE STRENGTH - PSI	4260				

Copies: Client (1) Mail
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City Of Las Vegas - (1) Jobsite

Dona Hagaly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-17-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Mat Footing

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 65

TICKET NO.: 49646

TEMPERATURE - AIR, °F: 53

SLUMP - INCHES: 5 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	37A	37B	37C		
DATE CAST	01-17-86	01-17-86	01-17-86		
DATE TESTED	01-24-86	01-24-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-24-86	01-24-86	01-24-86		
ULTIMATE LOAD - LBS.	116000	Discard SN	Discard SN		
COMPRESSIVE STRENGTH - PSI	4100				

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Dona Hoist 1-6-87

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-17-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Mat Footing

MIX DESIGN: CM.2356

TYPE CEMENT: V

SUPPLIER: Stocks Mills & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 62

TICKET NO.:

TEMPERATURE - AIR, °F: 50

SLUMP - INCHES: 6 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	36A	36B	36C		
DATE CAST	01-17-86	01-17-86	01-17-86		
DATE TESTED	01-24-86	02-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-24-86	01-24-86	01-24-86		
ULTIMATE LOAD - LBS.	113000	Discard SN	Discard SN		
COMPRESSIVE STRENGTH - PSI	4000				

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Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Hoesly 1-6-88

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
123 East Fremont Street
Las Vegas, NV 89101

DATE: 01-17-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Mat Footing

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 60

TICKET NO.: 49627

TEMPERATURE - AIR, °F: 50

SLUMP - INCHES: 5 1/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	35A	35B	35C		
DATE CAST	01-17-86	01-17-86	01-17-86		
DATE TESTED	01-24-86	02-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-24-86				
ULTIMATE LOAD - LBS.	120000	Discard SN	Discard SN		
COMPRESSIVE STRENGTH - PSI	4240				

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Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-17-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

SPECIMEN SAMPLED FROM: Mat Footing

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 57

TICKET NO.: 49658

TEMPERATURE - AIR, °F: 54

SLUMP - INCHES: 7 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	38A	38B	38C		
DATE CAST	01-17-86	01-17-86	01-17-86		
DATE TESTED	01-24-86	02-14-86	-		
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-24-86	02-14-86	02-14-86		
ULTIMATE LOAD - LBS.	102000	136000	Discard SN		
COMPRESSIVE STRENGTH - PSI	3610	4810			

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Dona Haesly 1-6-88

Dona Hensley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-17-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Mat Footing

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 57

TICKET NO.: 49658

TEMPERATURE - AIR, °F: 54

SLUMP - INCHES: 7 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	38A	38B	38C		
DATE CAST	01-17-86	01-17-86	01-17-86		
DATE TESTED	01-24-86	02-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-24-86				
ULTIMATE LOAD - LBS.	102000				
COMPRESSIVE STRENGTH - PSI	3610				

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Dona Hensley 1-6-88

Dona Haisly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-17-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Mat Footing

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 58

TICKET NO.: 4970

TEMPERATURE - AIR, °F: 55

SLUMP - INCHES: 5 1/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	41A	41B	41C		
DATE CAST	01-17-86	01-17-86	01-17-86		
DATE TESTED	01-24-86	02-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-24-86	01-24-86	01-24-86		
ULTIMATE LOAD - LBS.	117500	Discard SN	Discard SN	A	
COMPRESSIVE STRENGTH - PSI	4160				

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Dona Haisly 1-6-88

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702).382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-17-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Mat Footing

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 62

TICKET NO.: 49725

TEMPERATURE - AIR, °F: 60

SLUMP - INCHES: 5 1/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	43A	43B	43C		
DATE CAST	01-17-86	01-17-86	01-17-86		
DATE TESTED	01-24-86	02-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-24-86	02-14-86	02-14-86		
ULTIMATE LOAD - LBS.	111000	156500	Discard SN		
COMPRESSIVE STRENGTH - PSI	3930	5540			

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Dona Haesly 1-6-88

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702)-382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-17-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 41453182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Mat Footing

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 62

TICKET NO.: 49725

TEMPERATURE - AIR, °F: 60

SLUMP - INCHES: 5 1/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	43A	43B	43C		
DATE CAST	01-17-86	01-17-86	01-17-86		
DATE TESTED	01-24-86	02-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-24-86				
ULTIMATE LOAD - LBS.	111000				
COMPRESSIVE STRENGTH - PSI	3930				

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Dona Hanely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-17-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Mat Footing

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 54

TICKET NO.: 49684

TEMPERATURE - AIR, °F: 54

SLUMP - INCHES: 4 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	40A	40B	40C		
DATE CAST	01-17-86	01-17-86	01-17-86		
DATE TESTED	01-24-86	02-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-24-86	01-24-86	01-24-86		
ULTIMATE LOAD - LBS.	122000	Discard SN	Discard SN		
COMPRESSIVE STRENGTH - PSI	4520				

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Dona Hanely 1-6-88

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-17-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedputter

SPECIMEN SAMPLED FROM: Mat Footing

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 62

TICKET NO.: 49723

TEMPERATURE - AIR, °F: 68

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	44A	44B	44C		
DATE CAST	01-17-86	01-17-86	01-17-86		
DATE TESTED	01-24-86	02-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-24-86	02-14-86	02-14-86		
ULTIMATE LOAD - LBS.	112000	151000	Discard SN		
COMPRESSIVE STRENGTH - PSI	3960	5340			

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Dona Haesly 1-6-88

Doris Hastings 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-17-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Mat Footing

MIX DESIGN: CM 2356

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 4000 @ 28 Day

MAX. SIZE AGGREGATE: 3/4

TEMPERATURE - MIX, °F: 62

TEMPERATURE - AIR, °F: 68

AIR CONTENT - %: Not Measured

SUPPLIER: Stocks Mill & Supply

ADMIXTURE: Master Builders Pozzolith 322N

SAMPLED BY: M. Draper/WesTech

TICKET NO.: 49723

SLUMP - INCHES: 5 1/2

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	44A	44B	44C		
DATE CAST	01-17-86	01-17-86	01-17-86		
DATE TESTED	01-24-86	02-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-24-86				
ULTIMATE LOAD - LBS.	112000				
COMPRESSIVE STRENGTH - PSI	3960				

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Doris Hastings 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-20-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footings, Pool, Bath Rooms

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 67

TICKET NO.:

TEMPERATURE - AIR, °F: 75

SLUMP - INCHES: 5 1/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	45A	45B	45C		
DATE CAST	01-20-86	01-20-86	01-20-86		
DATE TESTED	01-27-86	02-17-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-27-86	01-27-86	01-27-86		
ULTIMATE LOAD - LBS.	115000	Discard SN	Discard SN		
COMPRESSIVE STRENGTH - PSI	4070				

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Dona Hasely 1-6-88

CUSTOMERS NAME: Sierra Const. | DATE: 7-20-86
DELIVERY ADDRESS: Golden Nugget pool area Bridger

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	A.M. P.M.	DELIVERY RECEIPT No.
1	10		374	1		49824

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX CM2356 AGGREG. 3/4		
		V.	5 1/4"	
			Slump	
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made before this material has been delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	- - - -	0	83	Bill	

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME	1	40
ARRIVAL TIME	1	10
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

CUSTOMERS NAME: Sierra Const. | DATE: 1-21-86
DELIVERY ADDRESS: Golden Nugget Bridger

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	A.M. P.M.	DELIVERY RECEIPT No.
1	10		375	1		49898

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX 2356 AGGREG. 3/4		
		V	5 1/2"	
			Slump	
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made before this material has been delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	-4-3-	8.81		Arlyn Clarence	

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
	2	25
	2	00
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Ashely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
125 East Fremont Street
Las Vegas, NV 89101

DATE: 01-21-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footing E 25 & 26

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 66

TICKET NO.: 49898

TEMPERATURE - AIR, °F: 70

SLUMP - INCHES: 4 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	48A	48B	48C		
DATE CAST	01-21-86	01-21-86	01-21-86		
DATE TESTED	01-28-86	02-18-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-28-86	01-28-86	01-28-86		
ULTIMATE LOAD - LBS.	116000	Discard SN	Discard SN		
COMPRESSIVE STRENGTH - PSI	4100				

Copies: Client (1) Mail
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Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Hasely 1-6-88

CUSTOMER'S NAME: Dona Creek — DATE: 1-22-86

DELIVER ADDRESS: Golden Nugget — Tower

Off Bridger

LOAD NO.	ACCUM. YDS.	P.O. #	JOB NO.	CODE	TIME DELIVERY RECEIVED A.M. P.M.	NO.
1	10		375	1	12	49962

QUAN.	UNIT	DESCRIPTION		EXTENSION
10	YARDS	MIX-C-M3356 AGGREG. 57		
		4 1/2"		
			ADMIXTURE	
			SALES TAX	
			DISCOUNTS	
			SUB-TOTAL	
			STANDING TIME	
			TOTAL	

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage made beyond curb or property line. Claims for shortage will not be allowed unless made before unloading this material. Water added to this concrete will reduce its strength. Any water added is at customer's own risk.

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

	HOURS	MINUTES
DEPARTURE TIME	5	35
ARRIVAL TIME		20
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD OF

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	— — —		76	Wayne	Clarence

Dona Creek 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-22-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footings H 13, 14, 15

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 62

TICKET NO.: 49962

TEMPERATURE - AIR, °F: 72

SLUMP - INCHES: 4 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	50A	50B	50C		
DATE CAST	01-22-86	01-22-86	01-22-86		
DATE TESTED	01-29-86	02-19-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-29-86				
ULTIMATE LOAD - LBS.	123000				
COMPRESSIVE STRENGTH - PSI	4350				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Hasely 1-6-88

CUSTOMER COPY

CUSTOMERS NAME: Dona Ct. | DATE: 1-23-88

DELIVERY ADDRESS: Golden Nugget Mail Tower

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
1	10		375	1		50076

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX My 3376 AGGREG.		
		ADMIXTORE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made before [illegible] this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	- - -	10	33	Jim	Clarence

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

TIME	HRS	MINUTES
DEPARTURE TIME	1	15
ARRIVAL TIME	2	45
TOTAL TIME ON JOB	1	30

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hasely 1-6-88

Dona Haesly

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-23-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footings. C19 & 20

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper

TEMPERATURE - MIX, °F: 66

TICKET NO.:

TEMPERATURE - AIR, °F: 68

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	52A	52B	52C		
DATE CAST	01-23-86	01-23-86	01-23-86		
DATE TESTED	01-30-86	02-20-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-30-86	01-30-86	01-30-86		
ULTIMATE LOAD - LBS.	120000	Discard SN	Discard SN		
COMPRESSIVE STRENGTH - PSI	4240				

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Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Haesly 1-6-88.

Dona Haesly

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-24-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Mat Footing

MIX DESIGN: CM 2356.

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 58

TICKET NO.: 49678

TEMPERATURE - AIR, °F: 54

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	39A	39B	39C		
DATE CAST	01-17-86	01-17-86	01-17-86		
DATE TESTED	01-24-86	02-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-24-86	01-24-86	01-24-86		
ULTIMATE LOAD - LBS.	119500	Discard RQ	Discard RQ		
COMPRESSIVE STRENGTH - PSI	4230				

✓

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Dona Haesly 1-6-87

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-24-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footings H-14,15,16

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper

TEMPERATURE - MIX, °F: 64

TICKET NO.: 50142

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 3 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	53A	53B	53C		
DATE CAST	01-24-86	01-24-86	01-24-86		
DATE TESTED	01-31-86	02-21-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-31-86	02-21-86	02-21-86		
ULTIMATE LOAD - LBS.	109000	137000	Discard RD		
COMPRESSIVE STRENGTH - PSI	3860	4850			

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Dona Hardy 1-6-88

Dona Hoesly

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-24-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footings H-14,15,16

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper

TEMPERATURE - MIX, °F: 64

TICKET NO.: 50142

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 3 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	53A	53B	53C		
DATE CAST	01-24-86	01-24-86	01-24-86		
DATE TESTED	01-31-86	02-21-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-31-86				
ULTIMATE LOAD - LBS.	109000				
COMPRESSIVE STRENGTH - PSI	3860				

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Dona Hoesly 1-6-88

Dona Hoesly 1-6-87

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-03-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footings 38J.7, 38J.7, 38L.8

MIX DESIGN: CM 2356

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 73

TICKET NO.: 50506

TEMPERATURE - AIR, °F: 67

SLUMP - INCHES:

AIR CONTENT - %:

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	59A	59B	59C		
DATE CAST	02-03-86	02-03-86	02-03-86		
DATE TESTED	02-10-86	03-03-86	03-03-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-10-86	03-03-86	03-03-86		
ULTIMATE LOAD - LBS.	107000	149000	Discard BO		
COMPRESSIVE STRENGTH - PSI	3780	5270			

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Dona Hoesly 1-6-87

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-03-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footings 38J.7, 39J.7, 38L.8

MIX DESIGN: CM 2356

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 73

TICKET NO.: 50506

TEMPERATURE - AIR, °F: 67

SLUMP - INCHES:

AIR CONTENT - %:

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	59A	59B	59C		
DATE CAST	02-03-86	02-03-86	02-03-86		
DATE TESTED	02-10-86	03-03-86	03-03-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-10-86				
ULTIMATE LOAD - LBS.	107000				
COMPRESSIVE STRENGTH - PSI	3780				

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Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-10-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footing At Line Z7

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 62

TICKET NO.: 51011

TEMPERATURE - AIR, °F: 54

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	68A	68B	68C		
DATE CAST	02-10-86	02-10-86	02-10-86		
DATE TESTED	02-17-86	03-10-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-17-86	02-17-86	02-17-86		
ULTIMATE LOAD - LBS.	123000	Discard RO	Discard RO		
COMPRESSIVE STRENGTH - PSI	4350				

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Dona Haesly 1-6-88

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-10-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footing At Line 2X

MIX DESIGN: CM 2356

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4"

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 64

TICKET NO.: 51021

TEMPERATURE - AIR, °F: 56

SLUMP - INCHES: 4 1/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	66A	66B	66C		
DATE CAST	02-10-86	02-10-86	02-10-86		
DATE TESTED	02-17-86	03-10-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-17-86	02-17-86	02-17-86		
ULTIMATE LOAD - LBS.	120000	Discard RO	Discard RO		
COMPRESSIVE STRENGTH - PSI	4250				

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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

CUSTOMERS NAME: Sierra Court — DATE: 2-13-86

DELIVERY ADDRESS: Golden Nugget, Bridger

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	P.M.	DELIVERY RECEIPT No.
1	5		341			51364

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
5	YARDS	MIX 2356 AGGREG. 3/4		
		3" S/Unit		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made [illegible] this material is delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS) ON THE JOB	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	- - -	9	71	Jerry	Walt Bris

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. Box 20149
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME	3	10
ARRIVAL TIME	4	15
OTHER TIME DISPOSAL		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FEE

Dona Starks 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-13-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Shear Wall B & W, Lines 38-39

MIX DESIGN: 2356

TYPE CEMENT: 5

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Sorensen

TEMPERATURE - MIX, °F: 70

TICKET NO.: 51364

TEMPERATURE - AIR, °F: 65

SLUMP - INCHES: 3 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	71A	71B	71C		
DATE CAST	02-13-86	02-13-86	02-13-86		
DATE TESTED	02-20-86	03-13-86	03-13-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-21-86	02-21-86	02-21-86		
ULTIMATE LOAD - LBS.	118000	Discard RO	Discard RO		
COMPRESSIVE STRENGTH - PSI	4170				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West [illegible]on Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-18-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footings 9T, 9U

MIX DESIGN: CM 2356

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 71

TICKET NO.: 51645

TEMPERATURE - AIR, °F: 68

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	78A	78B	78C		
DATE CAST	02-18-86	02-18-86	02-18-86		
DATE TESTED	02-21-86	03-18-86	03-18-86		
AGE - DAYS	3	28	Hold		
DATE REPORTED	02-21-86	03-18-86	03-18-86		
ULTIMATE LOAD - LBS.	94000	153000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3330	5410			

Copies:
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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Shealy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-18-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footings 9T, 9U

MIX DESIGN: CM 2356

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 71

TICKET NO.: 51645

TEMPERATURE - AIR, °F: 68

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	78A	78B	78C		
DATE CAST	02-18-86	02-18-86	02-18-86		
DATE TESTED	02-21-86	03-18-86	03-18-86		
AGE - DAYS	3	28	Hold		
DATE REPORTED	02-21-86				
ULTIMATE LOAD - LBS.	94000				
COMPRESSIVE STRENGTH - PSI	3330				

Copies: Client (1) Mail
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Sierra Construction, (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-19-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Ground Floor Slab, Lines 38 To 39, From L.8 To P

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days **ADMIXTURE:**

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 70

TICKET NO.: 51723

TEMPERATURE - AIR, °F: 68

SLUMP - INCHES: 4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	81A	81B	81C		
DATE CAST	02-19-86	02-19-86	02-19-86		
DATE TESTED	02-26-86	03-19-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-26-86	02-26-86	02-26-86		
ULTIMATE LOAD - LBS.	132500	Discard MD	Discard MD		
COMPRESSIVE STRENGTH - PSI	4690				

Copies:
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Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-24-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footing 30 M.6

MIX DESIGN: CM 2356

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX: SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 75

TICKET NO.: 51927

TEMPERATURE - AIR, °F: 77

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	86A	86B	86C		
DATE CAST	02-24-86	02-24-86	02-24-86		
DATE TESTED	03-03-86	03-24-86	03-24-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-03-86	03-03-86	03-03-86		
ULTIMATE LOAD - LBS.	120000	Discard RO	Discard RO		
COMPRESSIVE STRENGTH - PSI	4240				

Copies:
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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
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City Of Las Vegas - (1) Jobsite

Dona Hasley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-06-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footing For Curtain Wall Along Existing Garage, Lines 25 To 30

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 75

TICKET NO.: 52613

TEMPERATURE - AIR, °F: 78

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	98A	98B	98C		
DATE CAST	03-06-86	03-06-86	03-06-86		
DATE TESTED	03-13-86	04-03-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-13-86	04-03-86	04-03-86		
ULTIMATE LOAD - LBS.	108000	149000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3820	5270			

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Dona Hadley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: CM 2356

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 4000 @ 28 Days

MAX. SIZE AGGREGATE: 3/4

TEMPERATURE - MIX, °F: 75

TEMPERATURE - AIR, °F: 78

AIR CONTENT - %: Not Measured

DATE: 03-06-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

SPECIMEN SAMPLED FROM: Footing For Curtain Wall Along Existing Garage, Lines 25 To 30

SUPPLIER: Stocks Mill & Supply

ADMIXTURE:

SAMPLED BY: J. Glagola

TICKET NO.: 52613

SLUMP - INCHES: 5

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	98A	98B	98C		
DATE CAST	03-06-86	03-06-86	03-06-86		
DATE TESTED	03-13-86	04-03-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-13-86				
ULTIMATE LOAD - LBS.	108000				
COMPRESSIVE STRENGTH - PSI	3820				

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Dona Haesly 1-6-88.

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Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-07-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footing For Curtain Wall Along Existing Garage, Lines 16 To 25

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 72

TICKET NO.: 52648

TEMPERATURE - AIR, °F: 74

SLUMP - INCHES: 4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	99A	99B	99C		
DATE CAST	03-07-86	03-07-86	03-07-86		
DATE TESTED	03-14-86	04-04-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-14-86	04-04-86	04-04-86		
ULTIMATE LOAD - LBS.	104000	148000	Discard RD		
COMPRESSIVE STRENGTH - PSI	3680	5240			

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-07-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Footing For Curtain Wall Along Existing Garage, Lines 16 To 25

MIX DESIGN: CM 2356

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Chagola

TEMPERATURE - MIX, °F: 72

TICKET NO.: 52648

TEMPERATURE - AIR, °F: 74

SLUMP - INCHES: 4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	99A	99B	99C		
DATE CAST	03-07-86	03-07-86	03-07-86		
DATE TESTED	03-14-86	04-04-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-14-86				
ULTIMATE LOAD - LBS.	104000				
COMPRESSIVE STRENGTH - PSI	3[illegible]0				

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Atlandia Design, Attn: Mr. Joel Berman A.I.A. (1) Mail
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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-07-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Beam Line, East Of P, From 38 To 39

MIX DESIGN: S 116

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 75

TICKET NO.: 52673

TEMPERATURE - AIR, °F: 78

SLUMP - INCHES: 8

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	100A	100B	100C		
DATE CAST	03-07-86	03-07-86	03-07-86		
DATE TESTED	03-14-86	04-04-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-14-86	04-04-86	04-04-86		
ULTIMATE LOAD - LBS.	103000	151000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3640	5340			

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-17-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 41450182

ATTENTION: Mr. Brad Friednutter

SPECIMEN SAMPLED FROM: Wall East Of P Line, From 36 To 37, First Course

MIX DESIGN: CM-2356

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Chagola

TEMPERATURE - MIX, °F: 68

TICKET NO.: 52052

TEMPERATURE - AIR, °F: 66

SLUMP - INCHES: 7

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	107A	107B	107C		
DATE CAST	03-17-86	03-17-86	03-17-86		
DATE TESTED	03-24-86	04-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-24-86	04-14-86	04-14-86		
ULTIMATE LOAD - LBS.	104000	137000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3680	4850			

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WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-17-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 41457182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Wall East Of P Line, From 36 To 37, First Course

MIX DESIGN: CM 2356

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 68

TICKET NO.: 52052

TEMPERATURE - AIR, °F: 66

SLUMP - INCHES: 7

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	107A	107B	107C		
DATE CAST	03-17-86	03-17-86	03-17-86		
DATE TESTED	03-24-86	04-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-24-86				
ULTIMATE LOAD - LBS.	104000				
COMPRESSIVE STRENGTH - PSI	3680				

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Dona Hasely 7-6-86

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-20-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Wall East Of Line P, From 35 To 40, Top Course

MIX DESIGN: CM 2356

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE: Pump-EZE

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 69

TICKET NO.: 53345

TEMPERATURE - AIR, °F: 78

SLUMP - INCHES: 8

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: *Sierra Construction Added 30 Gallons of Water

SPECIMEN NO.	116A	116B	116C		
DATE CAST	03-20-86	03-20-86	03-20-86		
DATE TESTED	03-27-86	04-17-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-27-86	04-17-86			
ULTIMATE LOAD - LBS.	86000	125500	Discard MD		
COMPRESSIVE STRENGTH - PSI	3040	4440			

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Dona Hasely 7-6-86

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 03-20-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Wall East Of Line P, From 35 To 40, Top Course

MIX DESIGN: CM 2356

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 4000 @ 28 Days

ADMIXTURE: Pump-EZE

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 69

TICKET NO.: 53345

TEMPERATURE - AIR, °F: 78

SLUMP - INCHES: 8

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: *Sierra Construction Added 30 Gallons of Water

SPECIMEN NO.	116A	116B	116C		
DATE CAST	03-20-86	03-20-86	03-20-86		
DATE TESTED	03-27-86	04-17-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	03-27-86				
ULTIMATE LOAD - LBS.	86000				
COMPRESSIVE STRENGTH - PSI	3040				

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Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Shasly 7-6-88

CUSTOMERS NAME: Sonia Cust — DATE: 3-28-88

DELIVERY ADDRESS: Golden Nugget Twin Tower

LOAD NO.	ACCUM. YDS.	P.O.#	JOB NO.	CODE	DELIVERY RECEIPT No.
2	14		275	1	53830

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
8	YARDS	MIX 3356 AGGREG 47		
		6" 78		

ADMIXTURE	
SALES TAX	
DISCOUNTS	
SUB-TOTAL	
STANDING TIME	
TOTAL	

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage made curb or property line. Claims for damage will not be allowed unless made before the discharge of the material is delivered. Additional water added to his concrete will reduce its strength. Any water added is at customer's own risk.

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
	9	30

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

TRIP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
	- 5 -		81	Gilyard	

Dona Haely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 03-28-86
Reviewed By J. Riedel

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Footings On Lines M/5 - 20 To 23
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 53830
Measured Air Content, %:
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 78
Mix Identification: CM 2356
Ambient Air Temperature, °F: 74
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 45 min.
Sampled By: J. Glagola Date: 03-28-86
Water Added on Job, gal.: 6
Submitted By: J. Glagola Date: 03-21-86
Test Procedure: ASTM C39-83B
Authorized By: Marty Date: 03-28-86
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
121A	04-04-86	7	111000	3930			RO
121B	04-25-86	28	145500	5150			MD
121C		Hold		Discard			MD

Copies to:

Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin, Peltyn & Associates, Attn: Roger Peltyn (1) mail
City of Las Vegas (1) jobsite

Dona Haesly 7-6-88.

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 03-28-86
Reviewed By J. Riedel

Project: Golden Nugget Towers
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Footings On Lines M.6 - 20 To 23
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 53830
Measured Air Content, %:
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 78
Mix Identification: CM 2356
Ambient Air Temperature, °F: 74
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 45 min.
Sampled By: J. Glagola Date: 03-28-86
Water Added on Job, gal.: 6
Submitted By: J. Glagola Date: 03-21-86
Test Procedure: ASTM C39-83B
Authorized By: Marty Date: 03-28-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Loads		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
121A	04-04-86	7	111000	3930			RO
121B	04-25-86	28					
121C		Hold					

Copies to:
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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Strect
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab /Invoice No.
Date of Report 05-14-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Footings 7W, 7X, 7Y
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number: 1691
Measured Air Content, % Not Measured
Batch Size, cu.yds. 9
Concrete Temperature, °F 78
Mix Identification: CM 2356
Ambient Air Temperature, °F 85
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer: 0 hrs. 45 min.
Sampled By J. Glagola Date 05-14-86
Water Added on Job, gal. 0
Submitted By J. Glagola Date 05-15-86
Test Procedure: ASTM C39-84B
Authorized By Doyle Date 05-14-86

Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
213A	05-21-86	7	91500	3240			MD
213B	06-11-86	28	132000	4670			RO
213C		Hold		Discard			RO

Copies to: Client (1) mail
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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No: 4145J182
Lab /Invoice No:
Date of Report: 05-14-86
Reviewed By: J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Footings 7W, 7X, 7Y
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 1691
Measured Air Content, %: Not Measured
Batch Size, cu yds: 9
Concrete Temperature, °F: 78
Mix Identification: CM 2356
Ambient Air Temperature, °F: 85
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 45 min.
Sampled By: J. Glagola Date: 05-11-86
Water Added on Job, gal.: 0
Submitted By: J. Glagola Date: 05-15-86
Test Procedure: ASTM C39-84B
Authorized By: Doyle Date: 05-14-86

Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
213A	05-21-86	7	91500	3240			MD
213B	06-11-86	28					
213C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
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Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 384-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 145J182

Lab /Invoice No.

Date of Report 05-14-86

Reviewed By J. Riedel

Project: Golden Nugget Tower

Location: 1st & Bridger

Contractor: Sierra Construction

Architect/Engineer:

Source of Sample: Footings 7U & 7V

Concrete Supplier: Stocks Mill & Supply

Measured Slump, in.: 3 1/2

Ticket Number: 1775

Measured Air Content, %: Not Measured

Batch Size, cu yds: 12

Concrete Temperature, °F: 83

Mix Identification: CM 2356

Ambient Air Temperature, °F: 83

Design Strength, psi: 4000 / 28 days

Plastic Unit Weight, pcf:

Max. Size Aggregate, in.: 3/4

No. of Cylinders Molded: 3

Time in Mixer: 0 hrs 49 min.

Sampled By: J. Glagola Date: 05-14-86

Water Added on Job, gal.: 4

Submitted By: J. Glagola Date: 05-15-86

Test Procedure: ASTM C3984B

Authorized By: Doyle Date: 05-14-86

Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
221A	05-21-86	7	106000	3750			MD
221B	06-11-86	28	144500	5110			RO
221C		Hold		Discard			RO

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129 E. Fremont
SPEC REPORTS

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Bostop Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV. 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-14-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Footings 7U & 7V
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in. 3 1/2
Ticket Number: 1775
Measured Air Content, %: Not Measured
Batch Size, cu.yds: 12
Concrete Temperature, °F: 83
Mix Identification: CM 2356
Ambient Air Temperature, °F: 83
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 49 min.
Sampled By: J. Glagola Date: 05-14-86
Water Added on Job, gal.: 4
Submitted By: J. Glagola Date: 05-15-86
Test Procedure: ASTM C3984B
Authorized By: Doyle Date: 05-14-86
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
221A	05-21-86	7	106000.	3750			MD
221B	06-11-86	28					
221C		Hold					

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City of Las Vegas, (1) jobsite

Dona Hardy 1-6-87

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4J45J182
Lab./Invoice No.
Date of Report 05-23-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Footing 7T
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 4 1/2
Ticket Number: 1845
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 12
Concrete Temperature, °F: 82
Mix Identification: CM 2356
Ambient Air Temperature, °F: 84
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: J. Glagola Date: 05-16-86
Water Added on Job, gal.:
Submitted By: J. Glagola Date: 05-19-86
Test Procedure: ASTM C39-84B
Authorized By: Doyle Date: 05-16-86
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
225A	05-23-86	7	105000	3710			RO
225B	06-13-86	28	135000	4780			RO
225C		Hold		Discard.			RO

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Dona Shealy 1-6-88

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Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No: 4145J182
Lab./Invoice No:
Date of Report: 05-23-86
Reviewed By: J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Footing 7T
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 4 1/2
Ticket Number: 1845
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 12
Concrete Temperature, °F: 82
Mix Identification: CM 2356
Ambient Air Temperature, °F: 84
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: J. Glagola Date: 05-16-86
Water Added on Job, gal.:
Submitted By: J. Glagola Date: 05-19-86
Test Procedure: ASTM C39-84B
Authorized By: Doyle Date: 05-16-86
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
225A	05-23-86	7	105000	3710			RO
225B	06-13-86	28					
225C		Hold					

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Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-23-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Matt Footing & Crane Footing, P.5 To S.5, From 6.- 9
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 4½
Ticket Number: 2302
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 88
Mix Identification: CM 2356
Ambient Air Temperature, °F: 90
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 1 hrs. 0 min.
Sampled By: K. Singh Date: 05-23-86
Water Added on Job, gal.: 0
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
246A	05-30-86	7	101000	3570			RO
246B	06-20-86	28	140000	4950			RO
246C		Hold		Discard			RO

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-23-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Matt Footing & Crane Footing, P.5 To S.5, From 6 - 9
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 4½
Ticket Number: 2302
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 88
Mix Identification: CM 2356
Ambient Air Temperature, °F: 90
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 1 hrs. 0 min.
Sampled By: K. Singh Date: 05-23-86
Water Added on Job, gal.: 0
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
246A	05-30-86	7	101000	3570			RO
246B	06-20-86	28					
246C		Hold					

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41453182
Lab./Invoice No.
Date of Report 05-27-86
Reviewed By J. Riedel

Project Golden Nugget Tow[illegible]
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Column Footings, Lines W, X, Y On 4
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 1958
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 89
Mix Identification CM 2356
Ambient Air Temperature, °F 95
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer 1 hrs. 10 min.
Sampled By K. Singh Date 05-19-86
Water Added on Job, gal. 0
Submitted By Date
Test Procedure ASTM C39-84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
233A	05-26-86	7	97000	3430			RO
233B	06-16-86	28	136000	4810			RO
233C		Hold		Discard			RO

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300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-27-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Column Footings, Lines W, X, Y On 4
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 6
Ticket Number 1958
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 89
Mix Identification CM 2356
Ambient Air Temperature, °F 95
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer 1 hrs. 10 min.
Sampled By K. Singh
Date 05-19-86
Water Added on Job, gal. 0
Submitted By
Date
Test Procedure ASTM C39-84B
Authorized By
Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
233A	05-26-86	7	97000	3430			RO
233B	06-16-86	28					
233C		Hold					

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Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-28-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor
Architect/Engineer
Source of Sample Footings, East Tower
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 4 1/4
Ticket Number 2425
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 81
Mix Identification CM 2356
Ambient Air Temperature, °F 84
Design Strength, psi 5000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer hrs. min.
Sampled By R. Ogle Date 05-28-86
Water Added on Job, gal.
Submitted By Date
Test Procedure ASTM C39- 84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
254A	06-04-86	7	122000	4320			MDv
254B	06-25-86	28	146000	5160			RO
254C		Hold		Discard			RO

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Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr, Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-28-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Architect/Engineer:
Source of Sample: Footings, East Tower
Concrete Supplier: Stocks Mill & Supply — Measured Slump, in.: 4 1/4
Ticket Number: 2425 — Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10 — Concrete Temperature, °F: 81
Mix Identification: CM 2356 — Ambient Air Temperature, °F: 84
Design Strength, psi: 5000 A / 28 days — Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4 — No. of Cylinders Molded: 3
Time in Mixer: hrs. min. — Sampled By: R. Ogle — Date: 05-28-86
Water Added on Job, gal.: — Submitted By: — Date:
Test Procedure: ASTM C39-84B — Authorized By: — Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength - Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
254A	06-04-86	7	122000	4320			MD
254B	06-25-86	28					
254C		Hold					

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No. _____
Date of Report 05-29-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: _____
Source of Sample: Footing 4R
Concrete Supplier: Stocks Mill & Supply.
Measured Slump, in.: 3 3/4
Ticket Number: 2470
Measured Air Content, %: Not Measured.
Batch Size, cu.yds.: 12
Concrete Temperature, °F: 90
Mix Identification: CM 2356
Ambient Air Temperature, °F: 98
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf: _____
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 40 min.
Sampled By: J. Glagola Date: 05-29-86
Water Added on Job, gal.: _____
Submitted By: J. Glagola Date: 05-30-86
Test Procedure: ASTM C39, 84B
Authorized By: Doyle Date: 05-29-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
257A	06-05-86	7	116000	4100			RO
257B	06-26-86	28		Discard			RO
257C		Hold		Discard			RO

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City of Las Vegas, (1) jobsite

Dona Sheely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-05-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Footings, Lines Q, R, S & T On 4
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 2959
Batch Size, cu. yds.: 10
Mix Identification: CM 2356
Design Strength, psi: 4000 @ 28 days
Max. Size Aggregate, in.: 3/4
Time in Mixer: 0 hrs. 40 min.
Water Added on Job, gal.: 5
Test Procedure: ASTM C39-84B
Remarks:

Measured Slump, in.: 5
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 90
Ambient Air Temperature, °F: 103
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh Date: 06-05-86
Submitted By: Date:
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
284A	06-12-86	7	113000	4000			MD
284B	07-03-86	28		Discard			MD
284C		Hold		Discard			MD

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-10-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Footings, Lines L, From 2 - 9
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 4 1/2
Ticket Number: 3237
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 93
Mix Identification: CM 2356
Ambient Air Temperature, °F: 105
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 40 min.
Sampled By: K. Singh Date: 06-10-86
Water Added on Job, gal.: 15
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
295A	06-17-86	7	122000	4320			RO
295B	07-08-86	28		Discard			RO
295C		Hold		Discard			RO

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Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dina Hardy 1-6-87

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV. 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-13-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Footings, Lines On 12.7, S To Z
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 3477
Batch Size, cu.yds.: 9
Mix Identification: CM 2356
Design Strength, psi: 4000 / 28 days
Max. Size Aggregate, in.: 3/4
Time in Mixer: 0 hrs. 50 min.
Water Added on Job, gal.: 0
Test Procedure: ASTM C39-84B
Remarks

Measured Slump, in.: 5
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 88
Ambient Air Temperature, °F: 93
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh Date: 06-13-86
Submitted By: Date:
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
306A	06-20-86	7	1170000	4140			RO
306B	07-11-86	28		Discard			RO
306C		Hold		Discard			RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman, A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-17-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Footings M - 2, M - 4
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 5 1/2
Ticket Number 3629
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 93
Mix Identification CM 2356
Ambient Air Temperature, °F 98
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 50 min.
Sampled By K. Singh Date 06-17-86
Water Added on Job, gal. 5
Submitted By Date
Test Procedure ASTM C39-84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
313A	06-24-86	7	115000	4070			RO
313B	07-15-86	28		Discard			RO
313C		Hold		Discard			RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Shelby 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-23-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Piers on Line 12.7, From S to Z
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 3938
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 8
Concrete Temperature, °F: 82
Mix Identification: CM 2356
Ambient Air Temperature, °F: 90
Design Strength, psi: 4000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 49 min.
Sampled By: J. Glagola Date: 06-23-86
Water Added on Job, gal.: 0
Submitted By: K. Singh Date: 06-23-86
Test Procedure: ASTM C39-84B
Authorized By: Doyle Date: 06-22-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
335A	06-30-86	7	124000	4390			RO
335B	07-21-86	28		Discard			RO
335C		Hold		Discard			RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES, INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 07-02-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Grade Beam, On Line 12.7, From R-Z, Stairway Footing Lines From Z to 10" *
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 5"
Ticket Number 4558
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 90
Mix Identification CM2356
Ambient Air Temperature, °F 100
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer 1 hrs. 05 min.
Sampled By K. Singh Date 07-02-86
Water Added on Job, gal. 10 Gal.
Submitted By Date
Test Procedure ASTM C39
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

*East of Z, From 3.5 To 6, Column Footings On P - 11, 12, 13

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
353A	07-09-86	7	110000	3890			RO
353B	07-30-86	28	130000	4600			PP
353C		Hold	Discard				PP

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88.

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 07-02-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Grade Beam, On Line 12.7, From R-Z, Stairway Footing Lines From Z to 10' *
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 5"
Ticket Number 4558
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 90
Mix Identification CM2356
Ambient Air Temperature, °F 100
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer 1 hrs. 05 min.
Sampled By K. Singh Date 07-02-86
Water Added on Job, gal. 10 Gal.
Submitted By Date
Test Procedure ASTM C39
Authorized By Date

Remarks
*East of Z, From 3.5 To 6, Column Footings On P - 11, 12, 13

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
353A	07-09-86	7	110000	3890			RO
353B	07-30-86	28					
353C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (I) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No. ADF86031
Date of Report 10-08-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Footings Lines P & R On 12.7
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 4
Ticket Number 09835
Measured Air Content, % Not Measured
Batch Size, cu.yds. 12
Concrete Temperature, °F 75
Mix Identification CM2356
Ambient Air Temperature, °F 80
Design Strength, psi 4000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer 1 hrs. 0 min.
Sampled By K. Singh Date 10-08-86
Water Added on Job, gal. 0
Submitted By Date
Test Procedure ASTM C39- 84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
537A	10-15-86	7	110000	3890			RO
537B	11-05-86	28					
537C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Doris Hardy 1-6-88

NEVADA TESTING LABORATORIES, INC.
300 WEST BOSTON AVENUE, LAS VEGAS, NEVADA 89102
TELEPHONE 702-382-7483

LAB/INVOICE NO.: 41401227

Sub. #3.10

CONCRETE MIX DESIGN: CM-1821
5,000 PSI - 28 Days; 3/4" Maximum Aggregate
Cement Type II; 7.71 Sacks; Water 3.83 Gals/Sack; W/C = 0.34

Requested By: Stocks Mill & Supply
For: Golden Nugget Tower, Pool Area & Connecting Area Columns, Elevator Core Below 3rd Floor
Source of Material: Fine and Coarse Aggregate - Stocks Pit
Potential Reactivity of Aggregate, ASTM C289-71: Fine and Coarse Aggregates - Innocuous
Soundness of Aggregates, ASTM C88-73: Fine and Coarse Aggregates - 4.7%
Abrasion of Coarse Aggregate, ASTM C131-69: 500 Revolutions, 26.9%
Organic Impurities, ASTM C40-73: Fine and Coarse Aggregates - O.K.
Deleterious Materials, Fine Aggregate: Lightweight, .05% - Clay Particles, None
Deleterious Materials, Coarse Aggregate: Lightweight, None - Clay Particles, None
SIEVE ANALYSIS: S.G. & F.M.: And Tests Above Dated: 1974

PERCENT PASSING U.S. STANDARD SIEVE.

Sieve Size	Fine Aggregate	Coarse Aggregate
1"		100.0
3/4"		89.3
3/8"	100.0	23.1
No.4	97.3	0.9
No.8	75.0	
No.16	51.3	
No.30	38.8	
No.50	29.7	
No.100	8.4	
F.M.:	2.98	2.73
S.G. (SSD):	2.70	[redacted].0
Absorption,%:	2.5	

RECEIVED
NOV 28 1985
GENERAL CONTRACTOR
SIERRA CONSTRUCTION CORP.

MIX DESIGN FOR ONE CUBIC YARD OF CONCRETE:

Absolute Volume of Aggregate in One Cubic Yard:	Sacks Cement:	7.71
	Cubic Feet:	19.37
Weight of Aggregate in One Cubic Yard Batch:	Pounds:	3,285

	Percent	Computed Batch Wts. (lbs.)	Absolute Volume Cu.Ft.
W.C. Sand (SSD)	40	1,350	7.748
Coarse Aggregate	60	1,980	11.622
Water: 3.83 Gallons/Sack = 29.53 Gallons		246	3.942
Cement: 7.71 Sacks/Cubic Yard, Type II		725	3.688
		Total:	27.000

Slump: 5" Maximum
Admixture: Master Builder's Pozzolith 322N; 6.0 fl.oz./100 lbs. cement; And*LL-880: 50.0 fl.oz./100 lbs. cement.

NOTE: For water in sand in excess of 2.5%, make weight correction. For each 1% excess water, deduct 13 lbs. mixing water and add 1[redacted]s. sand.

* Dose of LL-880 may be adjusted to a maximum of 150 fl.oz./100 lbs. cement to obtain required slump.

Respectfully submitted,

NEVADA TESTING LABORATORIES, INC.

By: Kulwant S. Sahi
Kulwant S. Sahi

KSS:rja

[redacted] - 250.374/.375/A20S
CSI No. 3.1 (E)

A WESTERN TECHNOLOGIES COMPANY

Dona Hasely 4-6-88

GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design intent of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Product Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and Local Authorities requirements must be met.

☒ APPROVED AS NOTED — RESUBMISSION NOT REQUIRED
☐ NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT
☐ REJECTED — DO NOT RESUBMIT

BY DSP DISCIPLINE STRUCTURAL
DATE 11-25-85

MARTIN & ASSOCIATES
1001 DURANGO DRIVE S., LAS VEGAS, NV 89114

Dona Hasely 1-6-88

CUSTOMERS NAME: Olea Const. DATE: 12-12-85

DELIVERY ADDRESS: Golden Nugget, Bridgeport & 1st, New Tow

LOAD NO. | ACCUM. YDS: 9 | P.O. # | JOB NO.: 375 | CODE: 1 | TICKET No.: 47309

UNIT	DESCRIPTION	PRICE	EXTENSION
9 YARDS	MIX 6M 1821 AGG 3/4		
	J		
	@ Times 5" Slump		
	ADMIXTURE		
	SALES TAX		
	DISCOUNTS		
	SUB-TOTAL		
	STANDING TIME		
	TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage made curb or property line. Claims for damage will not be allowed unless made before this material is delivered. Water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP: 5 | WATER ADDED (GALLONS ON THE JOB): — — — | TOTAL GA: 1730 | TRUCK NO. | DRIVER: DON | RECEIVED & ACCEPTED BY

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock · Sand · Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIMES	HOURS	MINUTES
DEPARTURE TIME	1	45
ARRIVAL TIME	12	40
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD AFTER

Dona Haesly 1-6-86

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-12-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines F From 1,3,5,6,8,10

MIX DESIGN: CM I821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE: Not Available

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 58

TICKET NO.: 47309

TEMPERATURE - AIR, °F: 45

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	4A	4B	4C		
DATE CAST	12-12-85	12-12-85	12-12-85		
DATE TESTED	12-19-85	01-09-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-19-85	01-09-86	01-09-86		
ULTIMATE LOAD - LBS.	126000	148000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4460	5240			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-12-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines F From 1,3,5,6,8,10

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE: Not Available

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 58

TICKET NO.: 47309

TEMPERATURE - AIR, °F: 45

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	4A	4B	4C		
DATE CAST	12-12-85	12-12-85	12-12-85		
DATE TESTED	12-19-85	01-09-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-19-85				
ULTIMATE LOAD - LBS.	126000				
COMPRESSIVE STRENGTH - PSI	4460				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Haesly 1-6-88

CUSTOMERS NAME: Sierra Const. DATE: 12-13-85

DELIVERY ADDRESS: Golden Nugget tower, enter Casino Center to Bridger

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	DELIVERY RECEIPT No.
1	8 1/2		375	1	47438

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
8 1/2	YARDS	MIX M1821 AGGREG 3/4		
		V		
		4 1/2" Slump		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage made curb or property line. Claims for shortage will not be allowed unless made before any of this material is delivered and before any water is added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED-GALLONS ON THE JOB	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	5 4 -	9.71	12	DE	Richard Sadler

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock · Sand · Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
HARSIDE STATION
AS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

	HOURS	MINUTES
DEPARTURE TIME	1	15
ARRIVAL TIME	12	40
JOB TIME ON SITE		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-13-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines On B From 3,5,6,8,10,11, Placement Of Columns On Lines B From 3,5,6,8,10,11

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE: Not Available

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 64

TICKET NO.: 47438

TEMPERATURE - AIR, °F: 50

SLUMP - INCHES: 4½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	6A	6B	6C		
DATE CAST	12-13-85	12-13-85	12-13-85		
DATE TESTED	12-20-85	01-10-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-20-85	01-10-86	01-10-86		
ULTIMATE LOAD - LBS.	124000	146000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4390	5160			

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Hasty 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-13-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines On B From 3,5,6,8,10,11, Placement Of Columns On Lines B From 3,5,6,8,10,11

MIX DESIGN: CM 1821

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: II

ADMIXTURE: Not Available

DESIGN STRENGTH, PSI: 5000 @ 28 days

SAMPLED BY: K. Singh/WesTech

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 47438

TEMPERATURE - MIX, °F: 64

SLUMP - INCHES: 4½

TEMPERATURE - AIR, °F: 50

NOMINAL DIMENSIONS - INCHES: 6 X 12

AIR CONTENT - %: Not Measured

COMMENTS: _____

SPECIMEN NO.	6A	6B	6C		
DATE CAST	12-13-85	12-13-85	12-13-85		
DATE TESTED	12-20-85	01-10-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-20-85				
ULTIMATE LOAD - LBS.	124000				
COMPRESSIVE STRENGTH - PSI	4390				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Hasely 4-6-85

CUSTOMER COPY

CUSTOMERS NAME Ora Const. DATE 12-17-85

DELIVERY ADDRESS Golden Nugget tower 1 off Bridger

LOAD NO.	ACCUM. YDS.	P.O. #	JOB NO.	CODE	DELIVERY RECEIPT No.
1	8 1/2		375	1	47654

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
8 1/2	YARDS	MIX CM 1821 AGGREG 3/4 V 4 1/2" slump		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made before the material is delivered. Additional water added to this concrete will reduce the strength. Any water added is at customer's own risk.

TIME	HOURS	MINUTES
DEPARTURE TIME	10	55
ARRIVAL TIME	12	10
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

SLUMP	WATER ADDED (GALLONS) ON THE JOB	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	- 3 5		78	Jerry	

STOCKS MILL & SUPPLY COMPANY, INC.
Ready Mix Concrete
Rock - Sand - Gravel
3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

CUSTOMER COPY

CUSTOMERS NAME Ora Const. DATE 12.16.85

DELIVERY ADDRESS Golden Nugget 1 tower 1 off Bridger

LOAD NO.	ACCUM. YDS.	P.O. #	JOB NO.	CODE	DELIVERY RECEIPT No.
1	8 1/2		375	1	47532

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
8 1/2	YARDS	MIX CM 1821 AGGREG 3/4 V 4" slump		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made before the material is delivered. Additional water added to this concrete will reduce the strength. Any water added is at customer's own risk.

TIME	HOURS	MINUTES
DEPARTURE TIME	11	00
ARRIVAL TIME	12	00
TOTAL TIME ON JOB	1	00

TIME IN

TIME OUT 11:55 Dock

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

SLUMP	WATER ADDED (GALLONS) ON THE JOB	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	- 2 -		79	Harry	

STOCKS MILL & SUPPLY COMPANY, INC.
Ready Mix Concrete
Rock - Sand - Gravel
3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-17-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns Line B-19,20,21, From Footing To 10' Above

MIX DESIGN: CM 1821

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola/WesTech

TEMPERATURE - MIX, °F: 67

TICKET NO.: 47654

TEMPERATURE - AIR, °F: 57

SLUMP - INCHES: 4¼

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	9A	9B	9C		
DATE CAST	12-17-85	12-17-85	12-17-85		
DATE TESTED	12-24-85	01-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-24-85				
ULTIMATE LOAD - LBS.	117000				
COMPRESSIVE STRENGTH - PSI	4140				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

Sunshine Plaza
430 West, 145 North
St. George, Utah 84770
(801) 628-2883

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-17-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns Line B-19,20,21, From Footing To 10' Above

MIX DESIGN: CM 1821

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola/WesTech

TEMPERATURE - MIX, °F: 67

TICKET NO.: 47654

TEMPERATURE - AIR, °F: 57

SLUMP - INCHES: 4¼

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	9A	9B	9C		
DATE CAST	12-17-85	12-17-85	12-17-85		
DATE TESTED	12-24-85	01-14-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-24-85	01-14-86	01-14-86		
ULTIMATE LOAD - LBS.	117000	150000	Discard JR		
COMPRESSIVE STRENGTH - PSI	4140	5310			

Copies:
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Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas (1) Jobsite

Dona Shealy 1-6-88

CUSTOMERS NAME Orca Const. DATE 12-18-85

DELIVERY ADDRESS Golden Nugget tower I
1st & Carson

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	DELIVERY RECEIPT No.
2	18½		375	1	47756

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
10	YARDS	MIX Control AGGREG. 2"		
		4½" Slump		
		C-Line		
		Columns		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage made curb, property, line. Claims for damage must be received unless made at time of delivery. Water added to this concrete will reduce its strength. Any water added is at customer's own risk.

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
	12	35
TIME IN		
TIME OUT		

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
4	10	170	71	DL	C Hawkins

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-18-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines C From 6,8,10,11,12, Column Lines C-6,8,10,11,12, D-12

MIX DESIGN: CM 1821

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N & LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 74

TICKET NO.:

TEMPERATURE - AIR, °F: 63

SLUMP - INCHES: 4½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	14A	14B	14C		
DATE CAST	12-18-85	12-18-85	12-18-85		
DATE TESTED	12-25-85	01-15-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-26-85	01-15-86			
ULTIMATE LOAD - LBS.	114000	150500	Discard SN		
COMPRESSIVE STRENGTH - PSI	4030	5320			

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-18-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines C From 6,8,10,11,12, Column Lines C-6,8,10,11,12, D-12

MIX DESIGN: CM 1821

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N & LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 74

TICKET NO.:

TEMPERATURE - AIR, °F: 63

SLUMP - INCHES: 4½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	14A	14B	14C		
DATE CAST	12-18-85	12-18-85	12-18-85		
DATE TESTED	12-25-85	01-15-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-26-85				
ULTIMATE LOAD - LBS.	114000				
COMPRESSIVE STRENGTH - PSI	4030				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Hasely 1-6-88

CUSTOMERS NAME Sorra Const. DATE 12.18.85

DELIVERY ADDRESS Golden Nugget Tower

1st & Carson

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	A.M. P.M.	DELIVERY RECEIPT No.
1	8½		375	1	12	47755

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
8½	YARDS	MIX Cm182 AGGREG. 3/4"	4½" Slump	
		K-F	Water	
Test Cyls. Taken-all Jan			added after slump was taken.	
		ADMIXTURE		
		SALES TAX	K-line Column	
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb line or property line. Claims for damage will not be allowed unless made before this material has been delivered and discharged. Water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
4	10-5-3-5-10	33	72	BOB	

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE	12	00
	12	00
ON JOB	1	00
TIME IN		
TIME OUT		

STANDING TIME CHARGE $ /HR. PER CUBIC YARD FREE

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-18-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines K From 24-29, Columns Line K From 24-29

MIX DESIGN: CM 1821

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N &LL880.

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 72

TICKET NO.: 47755

TEMPERATURE - AIR, °F: 63

SLUMP - INCHES: 4½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	13A	13B	13C		
DATE CAST	12-18-85	12-18-85	12-18-85		
DATE TESTED	12-25-85	01-15-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-26-85	01-15-86	"		
ULTIMATE LOAD - LBS.	118000	153500	Discard SN		
COMPRESSIVE STRENGTH - PSI	4170	5430			

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-18-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines K From 24-29, Columng Line K From 24-29

MIX DESIGN: CM 1821

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: V

ADMIXTURE: Master Builders Pozzolith 322N &LL880

DESIGN STRENGTH, PSI: 5000 @ 28 days

SAMPLED BY: K. Singh/WesTech

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 47755

TEMPERATURE - MIX, °F: 72

SLUMP - INCHES: 4½

TEMPERATURE - AIR, °F: 63

NOMINAL DIMENSIONS - INCHES: 6 X 12

AIR CONTENT - %: Not Measured

COMMENTS: _____

SPECIMEN NO.	13A	13B	13C		
DATE CAST	12-18-85	12-18-85	12-18-85		
DATE TESTED	12-25-85	01-15-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-26-85				
ULTIMATE LOAD - LBS.	118000				
COMPRESSIVE STRENGTH - PSI	4170				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, Quality Control (1) Jobsite

Dona. Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-19-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns E-27,28, 29,30

MIX DESIGN: CM 1821

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola/WesTech

TEMPERATURE - MIX, °F: 66

TICKET NO.: 47872

TEMPERATURE - AIR, °F: 63

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	15A	15B	15C		
DATE CAST	12-19-85	12-19-85	12-19-85		
DATE TESTED	12-26-85	01-16-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-26-85				
ULTIMATE LOAD - LBS.	92000				
COMPRESSIVE STRENGTH - PSI	3250				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-20-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column K-14 Thru H-19

MIX DESIGN: CM 1821

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: D. Yarbrough/WesTech

TEMPERATURE - MIX, °F: 70

TICKET NO.:

TEMPERATURE - AIR, °F: 67

SLUMP - INCHES: 4½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	17A	17B	17C		
DATE CAST	12-20-85	12-20-85	12-20-85		
DATE TESTED	12-27-85	01-17-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-27-85				
ULTIMATE LOAD - LBS.	133000				
COMPRESSIVE STRENGTH - PSI	4700				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail

Dana Healy 1-6-88

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock · Sand · Gravel

5336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
CHARLESTON STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

CUSTOMERS NAME: DIEBOLD CONST. DATE: 12/23/87

DELIVERY ADDRESS: GOLDEN NUGGET NEW TOWER
CARSON & 1ST

LOAD NO.	ACCUM. YDS.	P.O. #	JOB NO.	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
1	8		375	2		48108

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
8	YARDS	MIX 5521 AGGREG 3/4		
		4" Slump		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims will not be allowed unless made before this material is delivered. Water added to this concrete will reduce the strength. Any water added is at customer's own risk.

	HOURS	MINUTES
TRUCK TIME		
ARRIVAL	1	20
TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

SLUMP	WATER ADDED GALLONS ON THE JOB	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	2	10	2	Don	C Healy

Doris Hanely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: CM 1821

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 5000 @ 28 days

MAX. SIZE AGGREGATE: 3/4

TEMPERATURE - MIX, °F: 78

TEMPERATURE - AIR, °F: 68

AIR CONTENT - %: Not Measured

DATE: 12-23-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

SPECIMEN SAMPLED FROM: Lines E From 21,22,23, & 24, Columns Lines E-21-24, H-27-29, F-11&12

SUPPLIER: Stocks Mill & Supply

ADMIXTURE: Master Builders Pozzolith 322N & LL880

SAMPLED BY: K. Singh/WesTech

TICKET NO.: 48108

SLUMP - INCHES: 4

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	19A	19B	19C		
DATE CAST	12-23-85	12-23-85	12-23-85		
DATE TESTED	12-30-85	01-20-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-30-85				
ULTIMATE LOAD - LBS.	129000				
COMPRESSIVE STRENGTH - PSI	4560				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail

Dona Hoesly 1-6-88

CUSTOMERS NAME Silica Corst DATE 12-24-87

DELIVERY ADDRESS Golden Nugget Tower
Bridger

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	TIME	DELIVERY RECEIPT No.
1	4		375	1	2:05 PM	48198

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
4	YARDS	MIX C-1821 AGGREG. 3/4		
		5" Slump		
		ADMIXTURE		
		SALES TAX		
		DISCOUNT		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for damage will not be allowed unless made before this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5"	4	4	00	Jerry	Hawkins

CUSTOMER COPY

STOCKS
MILL & SUPPLY
COMPANY, INC.
Ready Mix Concrete
Rock - Sand - Gravel
2236 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
CHARLESTON STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

	HOURS	MINUTES
	13	15
AT	12	45
		30

TIME IN
TIME OUT 1:15 Hoes

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: CM 1821

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 5000 @ 28 days

MAX. SIZE AGGREGATE: 3/4

TEMPERATURE - MIX, °F: 78

TEMPERATURE - AIR, °F: 68

AIR CONTENT - %: Not Measured

DATE: 12-24-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

SPECIMEN SAMPLED FROM: Lines F From 1,3,5, Columns 8' To 16' High

SUPPLIER: Stocks Mill & Supply

ADMIXTURE: Master Builders Pozzolith 322N

SAMPLED BY: K. Singh/WesTech

TICKET NO.: 48198

SLUMP - INCHES: 5

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	21A	21B	21C		
DATE CAST	12-24-85	12-24-85	12-24-85		
DATE TESTED	12-31-85	01-21-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-31-85				
ULTIMATE LOAD - LBS.	112000				
COMPRESSIVE STRENGTH - PSI	3960				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail

Dona Hanley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-24-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns B1,C1,C3,D1,K13

MIX DESIGN: CM 1821

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 70

TICKET NO.: 48171

TEMPERATURE - AIR, °F: 75

SLUMP - INCHES: 5½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	20A	20B	20C		
DATE CAST	12-24-85	12-24-85	12-24-85		
DATE TESTED	12-31-85	01-21-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	12-31-85				
ULTIMATE LOAD - LBS.	114000				
COMPRESSIVE STRENGTH - PSI	4030				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail

Dora Hanely 1-6-88

CUSTOMERS NAME Sierra Const DATE 12-26-87

DELIVERY ADDRESS Golden Nugget
Carson

LOAD NO.	ACCUM. YDS.	P.O. #	JOB NO.	CODE	DELIVERY RECEIPT No.
1	9		375	1	48279

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
9	YARDS	MIX C-4187 AGGREG. 3/4		
				5" slump
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for damage will not be allowed unless made before this material is delivered. Any water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	-8 -4 -22	14	32	Lloyd.	

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete
Rock - Sand - Gravel

4336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

	HOURS	MINUTES
ARRIVE	1	20
	12	05
	1	15
TIME		
TIME		

TIME CHARGES $ MIN. PER CUBIC YARD / FEE

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: CM 1821

TYPE CEMENT: V

DESIGN STRENGTH, PSI: 5000 @ 28 days

MAX. SIZE AGGREGATE: 3/4

TEMPERATURE - MIX, °F: 70

TEMPERATURE - AIR, °F: 62

AIR CONTENT - %: Not Measured

DATE: 12-26-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

SPECIMEN SAMPLED FROM: Lines 3,5,6 On B, 5,6,8 On C, 3,5,6 On D; 6,8,10 On F 8' To 16' High

SUPPLIER: Stocks Mill & Supply

ADMIXTURE: Master Builders Pozzolith 300N & LL880

SAMPLED BY: K. Singh/WesTech

TICKET NO.: 48279

SLUMP - INCHES: 5

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	22A	22B	22C		
DATE CAST	12-26-85	12-26-85	12-26-85		
DATE TESTED	01-02-86	01-23-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-02-86				
ULTIMATE LOAD - LBS.	120000				
COMPRESSIVE STRENGTH - PSI	4240				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail

Dona Hardy 1-6-88

CUSTOMER COPY

CUSTOMERS NAME: Sierra Const. DATE: 12-27-85

DELIVERY ADDRESS: Golden Nugget new tower off Bridger

LOAD NO	ACCUM YDS	P.O. #	JOB NO	CODE		DELIVERY RECEIPT No.
1	9		375	1	12:20	48393

QUAN	UNIT	DESCRIPTION	PRICE	EXTENSION
9	YARDS	MIX cm1g2l AGGREG 3/4		
		5½" Slump		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage made curb or property line. Claims for shortage will not be allowed unless made before this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS) ON THE JOB	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	1 -13-		79	Harvey	Snyder

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

	HOURS	MINUTES
		10
		15 00
		10
TIME		
TIME		11 41 0

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hawley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-27-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines F-11 & D-8,10,11, Columns 8' To 16' High, Lines F-11, D-8,10,11, B-1,8,10,11,12; C-10,11,12

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N & LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 73

TICKET NO.: 48393

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 5½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	24A	24B	24C		
DATE CAST	12-27-85	12-27-85	12-27-85		
DATE TESTED	01-03-86	01-24-86	01-24-86		
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-03-86				
ULTIMATE LOAD - LBS.	116000				
COMPRESSIVE STRENGTH - PSI	4100				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas, Attn: Mr. Bob Anderson (1)

Dona Hasely 1-6-82

CUSTOMERS NAME Cleveland Const. DATE 12-31-81

DELIVERY ADDRESS* Golden Nugget New Tower

Off Casino

LOAD NO. 1 ACCUM. YDS 8 P.O. # JOB NO. 375 CODE 1 7:00 P.M. DELIVERY RECEIPT No. 48787

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
8	YARDS	MIX Can 18 AGGREG. 3/4		
		4" Slump		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made before this material has been delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS) ON THE JOB	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	53	10	71	Al.	Edmond Miller

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock Sand : Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

	HOURS	MINUTES
[illegible]	2	20
[illegible]	1	00
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-30-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines E & F-28, 29,30, 8' To 16' High, Columns On Lines E-28,29,30, G-28,29,30, H-28,29,30, K-28, 29,30

MIX DESIGN: CM1821

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: II

ADMIXTURE: Master Builders Pozzolith 322N &LL880

DESIGN STRENGTH, PSI: 5000 @ 28 days

SAMPLED BY: K. Singh/WesTech

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 48787

TEMPERATURE - MIX, °F: 73

SLUMP - INCHES: 4

TEMPERATURE - AIR, °F: 64

NOMINAL DIMENSIONS - INCHES: 6 X 12

AIR CONTENT - %: Not Measured

COMMENTS: _____

6 7

SPECIMEN NO.	25A	25B	25C		
DATE CAST	12-30-85	12-30-85	12-30-85		
DATE TESTED	01-06-86	01-27-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-06-86	01-27-86	01-27-86		
ULTIMATE LOAD - LBS.	130000	162000	Discard SN		
COMPRESSIVE STRENGTH - PSI	4600	5730			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas, Attn: Mr. Bob Anderson (1)

Dona Shirley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-5483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-30-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J18Z

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines E & F-28, 29,30, 8' to 16' High, Columns On Lines E-28,29,30, F-28,29,30, H-28,29,30, K-28, 29,30

MIX DESIGN: CM1821

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: II

ADMIXTURE: Master Builders Pozzolith 322N &LL880

DESIGN STRENGTH, PSI: 5000 @ 28 days

SAMPLED BY: K. Singh/WesTech

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 48787

TEMPERATURE - MIX, °F: 73

SLUMP - INCHES: 4

TEMPERATURE - AIR, °F: 64

NOMINAL DIMENSIONS - INCHES: 6 X 12

AIR CONTENT - %: Not Measured

COMMENTS:

SPECIMEN NO.	25A	25B	25C		
DATE CAST	12-30-85	12-30-85	12-30-85		
DATE TESTED	01-06-86	01-27-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-06-86				
ULTIMATE LOAD - LBS.	130000				
COMPRESSIVE STRENGTH - PSI	4600				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas, Attn: Mr. Bob Anderson (1)

Dona Ana Mesa 1-6-88

CUSTOMER COPY

CUSTOMERS NAME Sloan Construction DATE 12-31-85

DELIVERY ADDRES Gold Nugget Tonopah

LOAD NO. | ACCUM. YDS | P.O. # | JOB NO. 285 | CODE 1 | A.M. P.M. | DELIVERY RECEIPT No. 48899

QUAN.	DESCRIPTION	PRICE	EXTENSION
8 YARDS	MIX CM 162 AGGREG. B/U		
	4 3/4" Slump		
	ADMIXTURE		
	SALES TAX		
	DISCOUNT		
	SUB-TOTAL		
	STANDING TIME		
	TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Plastic or polythene will not be allowed unless made [illegible] material is delivered. Water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP 5 | WATER ADDED (GALLONS) ON THE JOB | TOTAL GALS. 4 | TRUCK NO. 13 | DRIVER Tom | RECEIVED & ACCEPTED BY

STOCKS MILL & SUPPLY COMPANY, INC.
Ready Mix Concrete
Rock - Sand - Gravel
3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

	HOURS	MINUTES
DEPARTURE	2	00
ARRIVAL	12	55
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hanley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-31-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines E-23,24, 27 & G-26 & 27, Column Lines E-23,24,27, G-26 & 27, H-25,26, 27, K-25,26,27

MIX DESIGN: CM 1821

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: II

ADMIXTURE: Master Builders Pozzolith 322N & LL880

DESIGN STRENGTH, PSI: 5000 @ 28 days

SAMPLED BY: K. Singh/WesTech

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 48899

TEMPERATURE - MIX, °F: 66

SLUMP - INCHES: 4 3/4

TEMPERATURE - AIR, °F: 59

NOMINAL DIMENSIONS - INCHES: 6 X 12

AIR CONTENT - %: Not Measured

COMMENTS: _____

SPECIMEN NO.	27A	27B	27C		
DATE CAST	12-31-85	12-31-85	12-31-85		
DATE TESTED	01-07-86	01-28-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-07-86	01-28-86	01-28-86		
ULTIMATE LOAD - LBS.	121000	163500	Discard SN		
COMPRESSIVE STRENGTH - PSI	4280	5780			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A: (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas, Attn: Mr. Bob Anderson (1)

Brad Friedmutter 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 12-31-85

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines E-23,24, 27 & G-26 & 27, Column Lines E-23,24,27, G-26 & 27, H-25,26, 27, K-25,26,27

MIX DESIGN: CM 1821

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: II

ADMIXTURE: Master Builders Pozzolith 322N & LL880

DESIGN STRENGTH, PSI: 5000 @ 28 days

SAMPLED BY: K. Singh/WesTech

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 48899

TEMPERATURE - MIX, °F: 66

SLUMP - INCHES: 4 3/4

TEMPERATURE - AIR, °F: 59

NOMINAL DIMENSIONS - INCHES: 6 X 12

AIR CONTENT - %: Not Measured

COMMENTS: _____

SPECIMEN NO.	27A	27B	-27C		
DATE CAST	12-31-85	12-31-85	12-31-85		
DATE TESTED	01-07-86	01-28-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-07-86				
ULTIMATE LOAD - LBS.	121000				
COMPRESSIVE STRENGTH - PSI	4280				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas, Attn: Mr. Bob Anderson (1)

Dona Hanley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702)-382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-02-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines E-21,22, K-22,23,24, Columns 8' To 16' High, Lines K-22,23,24, E-21,22, F-12, D-12

MIX DESIGN: CM 1821

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: II

ADMIXTURE: Master Builders Pozzolith 322N &LL880

DESIGN STRENGTH, PSI: 5000 @ 28 days

SAMPLED BY: K. Singh/WesTech

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 48915

TEMPERATURE - MIX, °F: 72

SLUMP - INCHES: 4½

TEMPERATURE - AIR, °F: 63

NOMINAL DIMENSIONS - INCHES: 6 X 12

AIR CONTENT - %: Not Measured

COMMENTS: _____

SPECIMEN NO.	28A	28B	28C		
DATE CAST	01-02-86	01-02-86	01-02-86		
DATE TESTED	01-09-86	01-30-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-09-86	01-30-86	01-30-86		
ULTIMATE LOAD - LBS.	119000	155000	Discard SN		
COMPRESSIVE STRENGTH - PSI	4210	5480			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Shelby 1-6-88

CUSTOMERS NAME SIERRA CONST DATE 1/2/86

DELIVERY ADDRESS GOLDEN NUGGET NEW TOWER

GO. IN OFF CASSON

LOAD NO.	ACCUM. YDS.	P.O. #	JOB NO.	CODE	DELIVERY RECEIPT No.
1	5½			1	48985

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
5½	YARDS	MIX 1521 AGGREG. 3/4		
			4¼ Slump	
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for damage will not be allowed unless made before material was delivered. Water added to this concrete will reduce strength. Any water added is at customer risk.

SLUMP	WATER ADDED (GALLONS / AT THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	- - -	10	30	Don	

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3338 CINDER LANE
LAS VEGAS, NEVADA
89103

:MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

	HOURS	MINUTES
		100

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD PER

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-02-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Lines E-21,22, K-22,23,24, Columns 8' To 16' High, Lines K-22,23,24, E-21,22, F-12, D-12

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N &LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 72

TICKET NO.: 48915

TEMPERATURE - AIR, °F: 63

SLUMP - INCHES: 4½

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	28A	28B	28C		
DATE CAST	01-02-86	01-02-86	01-02-86		
DATE TESTED	01-09-86	01-30-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-09-86				
ULTIMATE LOAD - LBS.	119000				
COMPRESSIVE STRENGTH - PSI	4210				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Hasely 1-6-88

CUSTOMERS NAME Sierra Const. DATE 1-3-86.

DELIVERY ADDRESS Golden Nugget tower

1 on Carson

LOAD NO.	ACCUM. YDS.	P.O. #	JOB NO.	CODE	M	DELIVERY RECEIPT No.
1	8		375	1		48607

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
8	YARDS	MIX CM 821 AGGREG. 3/4		
		4" S/Ymc		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates but the Company assumes no responsibility for damage outside curb or property line. Claims for damage will not be allowed unless made [illegible] this material was delivered. No water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	— + —		11	LIKE	

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DISPATCH TIME	1	45
ARRIVAL TIME	12	45
TOTAL TIME ON JOB	1	

TIME IN 1

TIME OUT 1:30 Dec

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-03-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column Lines. K-16,17,18,19,20,21, 8' To 16' High

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N & LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 75.

TICKET NO.: 48607

TEMPERATURE - AIR, °F: 65

SLUMP - INCHES: 4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	29A	29B	29C		
DATE CAST	01-03-86	01-03-86	01-03-86		
DATE TESTED	01-10-86	01-31-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-10-86	01-31-86	01-31-86		
ULTIMATE LOAD - LBS.	126000	162000	Discard SN		
COMPRESSIVE STRENGTH - PSI	4460	5730			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman AVI.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Hasely 1-6-88.

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-03-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column Lines K-16,17,18,19,20,21, 8' To 16' High

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 days

ADMIXTURE: Master Builders Pozzolith 322N & LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 75

TICKET NO.: 48607

TEMPERATURE - AIR, °F: 65

SLUMP - INCHES: 4

AIR CONTENT - %: not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	29A	29B	29C		
DATE CAST	01-03-86	01-03-86	01-03-86		
DATE TESTED	01-10-86	01-31-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-10-86				
ULTIMATE LOAD - LBS.	126000				
COMPRESSIVE STRENGTH - PSI	4460				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Ana Ready 1-6-86

CUSTOMERS NAME Ocean Const. DATE 1-6-86

DELIVERY ADDRESS Golden Nugget Hotel
Ft Bridger Utah

LOAD NO	ACCUM YDS	P.O. #	JOB NO	CODE	DELIVERY RECEIPT No.
1	8		375	1	48703

QUAN.	UNIT	DESCRIPTION	EXTENSION
8	YARDS	MIX 5W 1821 AGGREG. 3/4	5" slump

ADMIXTURE	
SALES TAX	2.80
DISCOUNTS	1.05
SUB-TOTAL	
STANDING TIME	
TOTAL	

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage to curb, gutter, sidewalk or lawn. Claims will not be allowed unless made at time material is delivered. Water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS) ON THE JOB	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	— — —	0	81	DELYN	Brad Miller

CUSTOMER COPY

STOCKS
MILL & SUPPLY COMPANY, INC.
Ready Mix Concrete
Rock Sand Gravel
8336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26447
STRIP SIDE STATION
LAS VEGAS, NEVADA
89126
PHONE (702) 876-6557

TIME DISPATCHED 12:32 Dec

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hanly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-06-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column Lines K-13,14,15 & B-13,14,15 From 8' To 16' High

MIX DESIGN: CM 1821

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: II

ADMIXTURE: Master Builders Pozzolith 322N & LL880

DESIGN STRENGTH, PSI: 5000 @ 28 days

SAMPLED BY: K. Singh/WesTech

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 48703

TEMPERATURE - MIX, °F: 70

SLUMP - INCHES: 5

TEMPERATURE - AIR, °F: 62

NOMINAL DIMENSIONS - INCHES: 6 X 12

AIR CONTENT - %: Not Measured

COMMENTS: _____

SPECIMEN NO.	31A	31B	31C		
DATE CAST	01-06-86	01-06-86	01-06-86		
DATE TESTED	01-13-86	02-03-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-13-86	02-03-86	02-03-86		
ULTIMATE LOAD - LBS.	106000	145000	Discard SN		
COMPRESSIVE STRENGTH - PSI	3750	5130			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

129 E. Fremont
SPEC REPORTS

Dora Hasely 1-6-86

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-06-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column Lines K-13,14,15 & B-13,14,15 From 8' To 16' High

MIX DESIGN: CM 1821

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: II

ADMIXTURE: Master Builders Pozzolith 322N & LL880

DESIGN STRENGTH, PSI: 5000 @ 28 days

SAMPLED BY: K. Singh/WesTech

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 48703

TEMPERATURE - MIX, °F: 70

SLUMP - INCHES: 5

TEMPERATURE - AIR, °F: 62

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	31A	31B	31C		
DATE CAST	01-06-86	01-06-86	01-06-86		
DATE TESTED	01-13-86	02-03-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-13-86				
ULTIMATE LOAD - LBS.	106000				
COMPRESSIVE STRENGTH - PSI	3750				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Haesly 7-6-88

CUSTOMERS NAME: Orra Con's — DATE: 7-8-88

DELIVERY ADDRESS: Golden Nugget Tower / Carson

LOAD NO. 1 | ACCUM. YDS. 7 | P.O. # | JOB NO. 375 | CODE 1 | DELIVERY TICKET NO. 48096

QUAN.	UNIT	DESCRIPTION		
7	YARDS	MIX Cm 1821 AGGREG. 3/4"		
			5%	
			Slump	
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made [illegible] the material is delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS) ON THE JOB	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5"	7 - 9		23	MIKE	E. Miller

CUSTOMER COPY

CKS
ILL & SUPPLY
COMPANY, INC.
Ready Mix Concrete
Rock · Sand · Gravel
836 CINDER LANE
AS VEGAS, NEVADA
89103
MAILING ADDRESS:
O. BOX 36443
DE STATION
AS, NEVADA
126
(702) 87[illegible]557

	HOURS	MIN.
	2	40
	2	10
TOTAL TIME ON JOB	3	30
TIME IN		
TIME OUT	1	48

STANDING TIME CHARGES [illegible] PER CUBIC YARD PER

Dona Ahesty 1-6-86

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-08-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column Lines B-16 to 20, 8' to 16' High

MIX DESIGN: CM 1821

SUPPLIER: Stocks Mill and Supply

TYPE CEMENT: II

ADMIXTURE: Master Builders Pozzolith 322N and RL 880

DESIGN STRENGTH, PSI: 5000 @ 28 Day

SAMPLED BY: K. Singh/WesTech

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 49096

TEMPERATURE - MIX, °F: 73

SLUMP - INCHES: 5 1/2

TEMPERATURE - AIR, °F: 62

NOMINAL DIMENSIONS - INCHES: 6 X 12

AIR CONTENT - %: Not Measured

COMMENTS: _____

SPECIMEN NO.	31XA	31XB	31XC		
DATE CAST	01-08-86	01-08-86	01-08-86		
DATE TESTED	01-15-86	02-05-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-15-86	02-05-86	02-05-86		
ULTIMATE LOAD - LBS.	124000	161000	Discard SN		
COMPRESSIVE STRENGTH - PSI	4390	5700			

Copies:
Client (1) Mail
Atlandia Design, Attn; Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Shealy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-08-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns, Lines B-16 to 20, 8' to 16' High

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill and Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N and LL 880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: K. Singh/WesTech

TEMPERATURE - MIX, °F: 73

TICKET NO.: 49096

TEMPERATURE - AIR, °F: 62

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	31A	32B	31C		
DATE CAST	01-08-86	01-08-86	01-08-86		
DATE TESTED	01-15-86	02-05-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-15-86				
ULTIMATE LOAD - LBS.	24000				
COMPRESSIVE STRENGTH - PSI	4390				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dora Healy * 1-6-88

CUSTOMERS NAME: Cecca Const. DATE: 1-20-86

DELIVERY ADDRESS: Golden Nugget new tower

Bridger

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
1	6		375	1		49823

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
6	YARDS	MIX Cm 12 AGGREG. 3/4		
		V		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for damage will not be allowed unless made before material is delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	-1-	1	81	Andy	

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock / Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME	1	51
ARRIVAL TIME	1	10
TOTAL TIME ON JOB		

TIME

TIME OUT

STANDING TIME CHARGES-5 MIN. PER CUBIC YARD 1 HR.

Dona. Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-20-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedsutter

SPECIMEN SAMPLED FROM: Columns E & F On 13, E & G On 20

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 65

TICKET NO.: 49823

TEMPERATURE - AIR, °F: 75

SLUMP - INCHES: 4 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	46A	46B	46C		
DATE CAST	01-20-86	01-20-86	01-20-86		
DATE TESTED	01-27-86	02-17-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-27-86	02-17-86	02-17-86		
ULTIMATE LOAD - LBS.	125000	153000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4420	5410			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates. (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Healy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-20-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns E & F On 13, E & G On 20

MIX DESIGN: CM 182A

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 65

TICKET NO.: 49823

TEMPERATURE - AIR, °F: 75

SLUMP - INCHES: 4 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	46A	46B	46C		
DATE CAST	01-20-86	01-20-86	01-20-86		
DATE TESTED	01-27-86	02-17-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-27-86				
ULTIMATE LOAD - LBS.	125000				
COMPRESSIVE STRENGTH - PSI	4420				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Sheely 1-6-88

CUSTOMERS NAME Dona Co. DATE 1-21-88

DELIVERY ADDRESS Golden Nugget new tower
Bridger

LOAD NO.	ACCUM. YDS.	P.O. #	DR. NO.	CODE	DELIVERY RECEIPT No.
1	7		375	1	49897

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
7	YARDS	MIX 1821 AGGREG. 3/4 K	4.2	
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for overtime will not be allowed unless made [illegible] this material is delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock · Sand · Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

	HOURS	MINUTES
DEPARTURE TIME		
ARRIVAL TIME	1	00
TOTAL TIME ON JOB	1	15

TIME IN

TIME OUT 1:15

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD PER HR.

PUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	25	74	[illegible]	[illegible]	

Doria Hanely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-21-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns D & F, 13, E & G, 20

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 68

TICKET NO.: 49897

TEMPERATURE - AIR, °F: 69

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	47A	47B	47C		
DATE CAST	01-21-86	01-21-86	01-21-86		
DATE TESTED	01-28-86	02-18-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-28-86	02-18-86	02-18-86		
ULTIMATE LOAD - LBS.	105000	143000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3710	5060			

Copies: Client (1) Mail
Atlandia Design, Atth: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas -, (1) Jobsite

Dona Hardy 6-6-88

CUSTOMERS NAME Sierra Const. DATE 6-2-86

DELIVERY ADDRESS Golden Nugget New

off Bridger Towers

LOAD NO. 1 ACCUM. YDS 3 P.O. # JOB NO. 375 PLANT CODE 1 DELIVERY TICKET No. 49961

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
3	YARDS	MIX Con 4K2 AGGREG. 3/4		
		5 1/2 Slump		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made before unloading. Additional water delivered to this concrete will reduce its strength. Any water added is at customer's own risk.

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete
Sand Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 28449
BARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-3557

	HOURS	MINUTES
	1	60
TIME	12	45
TOTAL TIME ON JOB	1	45

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	3	3	72	Rob	C Bonner

23 Mike

Dora Hively 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-22-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column E-25, E-26

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N, LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 66

TICKET NO.: 49961

TEMPERATURE - AIR, °F: 72

SLUMP - INCHES: 5 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	49A	49B	49C		
DATE CAST	01-22-86	01-22-86	01-22-86		
DATE TESTED	01-29-86	02-19-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-29-86	02-19-86	02-19-86		
ULTIMATE LOAD - LBS.	107000	149000	Discard per RO		
COMPRESSIVE STRENGTH - PSI	3790	5270			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Vesely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-22-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column E-25/E-26

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N, LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper/WesTech

TEMPERATURE - MIX, °F: 66

TICKET NO.: 49961

TEMPERATURE - AIR, °F: 72

SLUMP - INCHES: 5 3/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	49A	49B	49C		
DATE CAST	01-22-86	01-22-86	01-22-86		
DATE TESTED	01-29-86	02-19-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-29-86				
ULTIMATE LOAD - LBS.	107000				
COMPRESSIVE STRENGTH - PSI	3790				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Hails 1-6-88

CUSTOMERS NAME Circus Circus DATE 1-23-86

DELIVERY ADDRESS Golden Nugget New Tower

LOAD NO.	ACCUM. YDS.	P.O. #	JOB NO.	COD	P.M.	DELIVERY RECEIPT No.
1	9		375			50072

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
9	YARDS	MIX 1821 AGGREG. 4 1/4" Slump		
		1 IV		
		Pump		
		ABBREVIATURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made at the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	- - -	5.87		~~JOELL~~	

Lonnie

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock · Sand · Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

	HOUR	MINUTES
DEPARTURE TIME		
ARRIVAL TIME	12	50
TOTAL TIME ON JOB		

TIME IN

TIME OUT 1 23

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Haisley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-23-86

PROJECT NAME: Golden Nugget Tower -

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns H-13, C-13,14,15,16, G-21,22,23,24,25, E-25,26

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper

TEMPERATURE - MIX, °F: 66

TICKET NO.: 50072

TEMPERATURE - AIR, °F: 64

SLUMP - INCHES: 4 1/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	51A	51B	51C		
DATE CAST	01-23-86	01-23-86	01-23-86		
DATE TESTED	01-30-86	02-20-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-30-86	02-20-86	02-20-86		
ULTIMATE LOAD - LBS.	121000	157000	Discard per RO		
COMPRESSIVE STRENGTH - PSI	4280	5550			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Adelaide 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-23-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 41451182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns H-13, C-13,14,15,16, G-21,22,23,24,25,E-25,26

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper

TEMPERATURE - MIX, °F: 66

TICKET NO.: 50072

TEMPERATURE - AIR, °F: 64

SLUMP - INCHES: 4 1/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	51A	51B	51C		
DATE CAST	01-23-86	01-23-86	01-23-86		
DATE TESTED	01-30-86	02-20-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-30-86				
ULTIMATE LOAD - LBS.	121000				
COMPRESSIVE STRENGTH - PSI	4280				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Hardy 1-6-88

CUSTOMER COPY

CUSTOMERS NAME Sierra Construct DATE 1-24-88

DELIVERY ADDRESS Golden Nugget New Tower

Bridger

LOAD NO.	ACCUM. YDS.	P.O. #	JOB NO.	CODE	A.M. / P.M.	DELIVERY RECEIPT No.
1	9		375		15	50188

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
9	YARDS	MIX 5m 1821 AGGREG. 3/4		
		F 3½ 81 Jump		
		ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for shortage will not be allowed unless made before this material has been delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103

MAILING ADDRESS:
P.O. BOX 36449
GARSIDE STATION
LAS VEGAS, NEVADA
89126

TELEPHONE (702) 876-6557

	MINUTES
ARRIVAL TIME	3:05
START UNLOADING	3:55
TOTAL TIME ON JOB	

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

SLUMP	WATER ADDED (GALLONS) ON THE JOB	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	45	7	71	AL	C. Hawkins

Dona Haesloop 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-24-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns G-21, 22, 23, 24, 25, H-13, C-13,14,15,16,17,18

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N & LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper

TEMPERATURE - MIX, °F: 68

TICKET NO.: 50188

TEMPERATURE - AIR, °F: 64

SLUMP - INCHES: 3 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	54A	54B	54C		
DATE CAST	01-24-86	01-24-86	01-24-86		
DATE TESTED	01-31-86	02-21-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-31-86	02-21-86	02-21-86		
ULTIMATE LOAD - LBS.	109000	142000	Discard RO		
COMPRESSIVE STRENGTH - PSI	3860	5020			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Hasley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-24-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns G-21, 22, 23, 24, 25, H-13, C-13,14,15,16,17,18

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N & LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: M. Draper

TEMPERATURE - MIX, °F: 68

TICKET NO.: 50188

TEMPERATURE - AIR, °F: 64

SLUMP - INCHES: 3 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	54A	54B	54C		
DATE CAST	01-24-86	01-24-86	01-24-86		
DATE TESTED	01-31-86	02-21-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	01-31-86				
ULTIMATE LOAD - LBS.	109000				
COMPRESSIVE STRENGTH - PSI	3860				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Haeily / 1-6-88

CUSTOMERS NAME: Sierra Const. — DATE: 1-27-86
DELIVERY ADDRESS: Golden Nugget — New tower
Bridge

LOAD NO.	ACCUM. YDS.	P.O. #	JOB NO.	CODE	A.M.	DELIVERY RECEIPT No.
1	9		375	1		50252

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
9	YARDS	MIX CM1821 AGGREG 3/4		
		V	5½" Slump	
		ADMIXTURES		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage made curb or property line. Claims for shortage will not be allowed unless made before any of this material has been delivered. Addition of water to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	4 - - -	41	61	Arlyn	Clarence

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.
Ready Mix Concrete
Rock - Sand - Gravel
3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

	HOURS	MINUTES
DEPARTURE TIME	2	45
[illegible]	1	35
[illegible]		

TIME IN
TIME OUT 1:00 Jan 27
STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dina Shealy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-27-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns G-21, 22,23,24,25, H-13, C-13,14,15,16,19,20

MIX DESIGN: CM 1821

SUPPLIER: Stocks Mill & Supply

TYPE CEMENT: II

ADMIXTURE: Master Builders Pozzolith 322N & LL880

DESIGN STRENGTH, PSI: 5000 @ 28 Day

SAMPLED BY: M. Draper

MAX. SIZE AGGREGATE: 3/4

TICKET NO.: 50252

TEMPERATURE - MIX, °F: 72

SLUMP - INCHES: 5 1/2

TEMPERATURE - AIR, °F.: 75

NOMINAL DIMENSIONS - INCHES: 6 X 12

AIR CONTENT - %: Not Measured

COMMENTS: _____

SPECIMEN NO.	57A	57B	57C		
DATE CAST	01-27-86	01-27-86	01-27-86		
DATE TESTED	02-03-86	02-24-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-03-86	02-24-86	02-24-86		
ULTIMATE LOAD - LBS.	124000	157000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4390	5550			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Doris Stocks 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-27-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 41453182

SPECIMEN SAMPLED FROM: Columns G-21, 22,23,24,25, H-13, C-13,14,15,16,19,20

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: CM 1821

TYPE CEMENT: II

DESIGN STRENGTH, PSI: 5000 @ 28 Day

MAX. SIZE AGGREGATE: 3/4

TEMPERATURE - MIX, °F: 72

TEMPERATURE - AIR, °F: 75

AIR CONTENT - %: Not Measured

SUPPLIER: Stocks Mill & Supply

ADMIXTURE: Master Builders Pozzolith 322N & LL880

SAMPLED BY: M. Draper

TICKET NO.: 50252

SLUMP - INCHES: 5 1/2

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	57A	57B	57C		
DATE CAST	01-27-86	01-27-86	01-27-86		
DATE TESTED	02-03-86	02-24-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-03-86				
ULTIMATE LOAD - LBS.	124000				
COMPRESSIVE STRENGTH - PSI	4390				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Berg[illegible] I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona Haisley 1-6-88

CUSTOMER COPY

CUSTOMERS NAME Cerra Const. DATE 1-28-88

DELIVERY ADDRESS Golden Nugget, New tower

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	A.M. P.M.	DELIVERY RECEIPT No.
1	5	11	375	1	P.M.	50336

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
5	YARDS	MIX CM 1821 AGGREG 3/4	51.11	
11			56.21	
			5.50	
		ADMIXTURE	Lump	
		SALES TAX		
		DISCOUNT		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE: Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damage inside curb or property line. Claims for such will not be allowed unless made prior to unloading this material. After material is delivered, additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103
MAILING ADDRESS:
P.O. BOX 26449
RAINBOW STATION
LAS VEGAS, NEVADA
89126
PHONE (702) 876-6557

	HOURS	MINUTES
DEPART	7	20
ARRIVE	11	00
TOTAL TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	- - -	0	71	Al	Frank Vargas

Dona Neely 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-28-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column H @ 22 Ground Floor

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N & LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: S. Neely

TEMPERATURE - MIX, °F: 62

TICKET NO.: 50336

TEMPERATURE - AIR, °F: 63

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	56A	56B	56C		
DATE CAST	01-28-86	01-28-86	01-28-86		
DATE TESTED	02-04-86	02-25-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-04-86	02-25-86	02-25-86		
ULTIMATE LOAD - LBS.	131000	165500	Discard MD		
COMPRESSIVE STRENGTH - PSI	4630	5850			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Neely 1-6-88

WESTERN TECHNOLOGIES INC.

• 3737 East Broadway Road / P.O. Box 21387 / Phoenix, Arizona 85036 / (602) 437-3737
• 2400 East Huntington Drive / Flagstaff, Arizona 86001 / (602) 774-8788
• 423 South Oleah Avenue / Tucson, Arizona 85719 / (602) 624-8894
• 300 West Boston Avenue / Las Vegas, Nevada 89102 / (702) 382-7483
• 400 South Lorena Avenue / Farmington, New Mexico 87401 / (505) 327-9866

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-28-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column H @ 22 Ground Floor

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Day

ADMIXTURE: Master Builders Pozzolith 322N & LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: S. Neely

TEMPERATURE - MIX, °F: 62

TICKET NO.: 50336

TEMPERATURE - AIR, °F: 63

SLUMP - INCHES: 5 1/2

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS:

SPECIMEN NO.	56A	56B	56C		
DATE CAST	01-28-86	01-28-86	01-28-86		
DATE TESTED	02-04-86	02-25-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-04-86				
ULTIMATE LOAD - LBS.	131000				
COMPRESSIVE STRENGTH - PSI	4630				

Copies:
Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Hasely 1-6-88.

CUSTOMERS NAME [illegible] DATE 1-2-88

DELIVERY ADDRESS [illegible]

LOAD NO.	ACCUM. YDS	P.O. #	JOB NO.	CODE	A.M. P.M.	DELIVERY RECEIPT No.
1	7½		375	1		50406

QUAN.	UNIT	DESCRIPTION	PRICE	EXTENSION
7½	YARDS	MIX CM 18 21 AGGREG 3/4 V Less Than 3½ yds OFF		
		3½ ADMIXTURE		
		SALES TAX		
		DISCOUNTS		
		SUB-TOTAL		
		STANDING TIME		
		TOTAL		

NOTICE. Our drivers will make every effort to place material where Customer designates, but the Company assumes no responsibility for damages inside curb or property line. Claims for shortage will not be allowed unless made by the time this material was delivered. Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

SLUMP	WATER ADDED (GALLONS ON THE JOB)	TOTAL GALS.	TRUCK NO.	DRIVER	RECEIVED & ACCEPTED BY
5	— — —	2	7	J. [illegible]	[illegible]

CUSTOMER COPY

STOCKS MILL & SUPPLY COMPANY, INC.

Ready Mix Concrete

Rock - Sand - Gravel

3336 CINDER LANE
LAS VEGAS, NEVADA
89103
:MAILING ADDRESS:
P.O. BOX 26449
GARSIDE STATION
LAS VEGAS, NEVADA
89126
TELEPHONE (702) 876-6557

TIME	HOURS	MINUTES
DEPARTURE TIME	2	20
ARRIVAL TIME	4	00
TIME ON JOB		

TIME IN

TIME OUT

STANDING TIME CHARGES 5 MIN. PER CUBIC YARD FREE

Dona Hawley 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-29-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column H @ 16
At Ground Floor

MIX DESIGN: CM 1821

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Day

ADMIXTURE:

MAX: SIZE AGGREGATE: 3/4

SAMPLED BY: S. Neely

TEMPERATURE - MIX, °F: 69

TICKET NO.: 50406

TEMPERATURE - AIR, °F: 70

SLUMP - INCHES: 3 1/2

AIR CONTENT - %:

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: Columns H @ 14,15,16,17,20, C @ 19,20

SPECIMEN NO.	55A	55B	55C		
DATE CAST	01-29-86	01-29-86	01-29-86		
DATE TESTED	02-05-86	02-26-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-05-86	02-26-86	02-26-86		
ULTIMATE LOAD - LBS.	130000	156000	Discard MD		
COMPRESSIVE STRENGTH - PSI	4600	5520			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Neely 1-6-86

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-29-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column H @ 16 At Ground Floor

MIX DESIGN: CM 1821

TYPE CEMENT: V

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Day

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: S. Neely

TEMPERATURE - MIX, °F: 69

TICKET NO.: 50406

TEMPERATURE - AIR, °F: 70

SLUMP - INCHES: 3 1/2

AIR CONTENT - %:

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: Columns H @ 14,15,16,17,20, C @ 19,20

SPECIMEN NO.	55A	55B	55C		
DATE CAST	01-29-86	01-29-86	01-29-86		
DATE TESTED	02-05-86	02-26-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-05-86				
ULTIMATE LOAD - LBS.	130000				
COMPRESSIVE STRENGTH - PSI	4600				

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas - (1) Jobsite

Dona Neely 2-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: CM 1821

TYPE CEMENT: II

DESIGN STRENGTH, PSI: 5000 @ 28 Days

MAX. SIZE AGGREGATE: 3/4

TEMPERATURE - MIX, °F: 68

TEMPERATURE - AIR, °F: 61

AIR CONTENT - %: Not Measured

DATE: 01-31-86

PROJECT NAME: Golden Nugget
New Parking Structure

PROJECT NO.: 4145J149

SPECIMEN SAMPLED FROM: Column C @ 15, 0' - 8"

SUPPLIER: Stocks Mill & Supply

ADMIXTURE: Master Builders Pozzolith 322N & LL880

SAMPLED BY: S. Neely

TICKET NO.: 51529

SLUMP - INCHES: 4

NOMINAL DIMENSIONS - INCHES: 6 X 12.

COMMENTS: Columns B.1 @ 15.16.17.18 & C @ 15

SPECIMEN NO.	160A	160B	160C		
DATE CAST	01-31-86	01-31-86	01-31-86		
DATE TESTED	02-07-86	02-28-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-07-86	02-28-86	02-28-86		
ULTIMATE LOAD - LBS.	137000	165000	Discard MD		
COMPRESSIVE STRENGTH - PSI	4850	5840			

Copies: Client (1)
Atlandia Design, Attn: Mr. Joel Bergman A.I.A., Vice President Devel. (1)
Sierra Construction, Attn: Mr. Gus Rapone (1)
Martin & Associates, Attn: Mr. Roger Peltyn (1)
City of Las Vegas (1) Jobsite

Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-31-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column H @ 11, 8' - 15'

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE: Master Builders Pozzolith 322N & LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: S. Neely

TEMPERATURE - MIX, °F: 70

TICKET NO.: 51530

TEMPERATURE - AIR, °F: 63

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: Columns H @ 10,11,14,15, C @ 11,12, 8' - 15' Lift

SPECIMEN NO.	58A	58B	58C		
DATE CAST	01-31-86	01-31-86	01-31-86		
DATE TESTED	02-07-86	02-28-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-07-86	02-28-86	02-28-86		
ULTIMATE LOAD - LBS.	136000	163500	Discard MD		
COMPRESSIVE STRENGTH - PSI	4810	5780			

Copies: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City Of Las Vegas (1) Jobsite

Dona. Hardy 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 01-31-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Column H @ 11, 8' - 15'

MIX DESIGN: CM 1821

TYPE CEMENT: II

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE: Master Builders Pozzolith 322N & LL880

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: S. Neely

TEMPERATURE - MIX, °F: 70

TICKET NO.: 51530

TEMPERATURE - AIR, °F: 63

SLUMP - INCHES: 5

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: Columns H @ 10,11,14,15, C @ 11,12, 8' - 15' Lift

SPECIMEN NO.	58A	58B	58C		
DATE CAST	01-31-86	01-31-86	01-31-86		
DATE TESTED	02-07-86	02-28-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-07-86				
ULTIMATE LOAD - LBS.	136000				
COMPRESSIVE STRENGTH - PSI	4810				

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-03-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns, Line H-14 To 19, Second Half Of Ground To Second Floor

MIX DESIGN: CM 1821

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 73

TICKET NO.: 50505

TEMPERATURE - AIR, °F: 67

SLUMP - INCHES: 4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	63A	63B	63C		
DATE CAST	02-03-86	02-03-86	02-03-86		
DATE TESTED	02-10-86	03-03-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-10-86	03-03-86	03-03-86		
ULTIMATE LOAD - LBS.	118500	164000	Discard BO		
COMPRESSIVE STRENGTH - PSI	4190	5800			

✓

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WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-03-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns, Line H-14 To 19, Second Half Of Ground To Second Floor

MIX DESIGN: CM 1821

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 73

TICKET NO.: 50505

TEMPERATURE - AIR, °F: 67

SLUMP - INCHES: 4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	63A	63B	63C		
DATE CAST	02-03-86	02-03-86	02-03-86		
DATE TESTED	02-10-86	03-03-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-10-86				
ULTIMATE LOAD - LBS.	118500				
COMPRESSIVE STRENGTH - PSI	4190				

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Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-04-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

SPECIMEN SAMPLED FROM: Columns J-2, J-5, J-7, J-8, Ground To Second Floor

ATTENTION: Mr. Brad Friedmutter

MIX DESIGN: CM 1821

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 70

TICKET NO.: 50575

TEMPERATURE - AIR, °F: 55

SLUMP - INCHES: 4 1/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	61A	61B	61C		
DATE CAST	02-04-86	02-04-86	02-04-86		
DATE TESTED	02-11-86	03-04-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-11-86	03-04-86	03-04-86		
ULTIMATE LOAD - LBS.	137000	168000	Discard RO		
COMPRESSIVE STRENGTH - PSI	4850	5940			

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Dona Haesly 1-6-87

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

CONCRETE COMPRESSION TEST REPORT

TO: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

DATE: 02-04-86

PROJECT NAME: Golden Nugget Tower

PROJECT NO.: 4145J182

ATTENTION: Mr. Brad Friedmutter

SPECIMEN SAMPLED FROM: Columns J-2, J-5, J-7, J-8, Ground To Second Floor

MIX DESIGN: CM 1821

TYPE CEMENT:

SUPPLIER: Stocks Mill & Supply

DESIGN STRENGTH, PSI: 5000 @ 28 Days

ADMIXTURE:

MAX. SIZE AGGREGATE: 3/4

SAMPLED BY: J. Glagola

TEMPERATURE - MIX, °F: 70

TICKET NO.: 50575

TEMPERATURE - AIR, °F: 55

SLUMP - INCHES: 4 1/4

AIR CONTENT - %: Not Measured

NOMINAL DIMENSIONS - INCHES: 6 X 12

COMMENTS: _____

SPECIMEN NO.	61A	61B	61C		
DATE CAST	02-04-86	02-04-86	02-04-86		
DATE TESTED	02-11-86	03-04-86			
AGE - DAYS	7	28	Hold		
DATE REPORTED	02-11-86				
ULTIMATE LOAD - LBS.	137000				
COMPRESSIVE STRENGTH - PSI	4850				

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Dina Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report
Reviewed By

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Columns 7U & 7V, Ground To Second Floor, 1st Course
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 3 3/4
Ticket Number: 1886
Measured Air Content, %: Not Measured*
Batch Size, cu.yds.: 4
Concrete Temperature, °F: 85
Mix Identification: CM 1821
Ambient Air Temperature, °F: 80
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 55 min.
Sampled By: J. Glagola Date: 05-16-86
Water Added on Job, gal.: 6
Submitted By: J. Glagola Date: 05-19-86
Test Procedure: ASTM C39-84B
Authorized By: Doyle Date: 05-16-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated.

Specimen Marking If Any	Date Tested	Specimen Age in Days.	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
226A	05-23-86	7	145000	5130			RO
226B	06-13-86	28		Discard			RO
226C		Hold		Discard			RO

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Dona Hasel 7-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report: 05-19-86
Reviewed By: J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Shear Walls, 0' To 8' High, Lines X - Y, From 2'-.9, 1st Floor
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 1930
Measured Air Content, %: Not Measured
Batch Size, cu yds.: 10
Concrete Temperature, °F: 86
Mix Identification: CM 1821
Ambient Air Temperature, °F: 80
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: K. Singh Date: 05-19-86
Water Added on Job, gal.: 3
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated.

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
232A	05-26-86	7	110000	3890			RO
232B	06-16-86	28	143000	5060			RO
232C		Hold		Discard			RO

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-19-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction — Architect/Engineer:
Source of Sample: Shear Walls, 0' To 8' High, Lines X - Y, From 2 - 9, 1st Floor
Concrete Supplier: Stocks Mill & Supply — Measured Slump, in.: 5
Ticket Number: 1930 — Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10 — Concrete Temperature, °F: 86
Mix Identification: CM 1821 — Ambient Air Temperature, °F: 80
Design Strength, psi: 5000 / 28 days — Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/8 — No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min. — Sampled By: K. Singh — Date: 05-19-86
Water Added on Job, gal.: 3 — Submitted By: — Date:
Test Procedure: ASTM C39-84B — Authorized By: — Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength @ Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
232A	05-26-86	7	110000	3890			RO
232B	06-16-86	28					
232C		Hold					

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LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-22-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Columns, Lines 7V, 7W, 7X & 4X, Second Course, Ground To Second Floor *
Concrete Supplier Stocks Mill & Supply
Measured Slump, in.
Ticket Number 2205
Measured Air Content, % Not Measured
Batch Size, cu. yds. 7 1/2
Concrete Temperature, °F 84
Mix Identification CM 1821
Ambient Air Temperature, °F 85
Design Strength, psi 5000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 52 min.
Sampled By K. Singh Date 05-22-86
Water Added on Job, gal. 3
Submitted By Date
Test Procedure ASTM C39-84B
Authorized By Date

Remarks
*Line 4W, First Course, Ground To Second Floor

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens (Cap) If Any	Tested By
			Pounds Force	psi			
242A	05-29-86	7	126000	4460			RO
242B	06-19-86	28	161000	5700			RO
242C		Hold		Discard			RO

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WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street.
Las Vegas, NV 89101

Attn: Mr. Brad [redacted]edmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-22-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Columns, Lines 7V, 7W, 7X & 4X, Second Course, Ground To Second Floor *
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in:
Ticket Number: 2205
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 7 1/2
*Concrete Temperature, °F: 84
Mix Identification: CM 1821
Ambient Air Temperature, °F: 85
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 52 min.
Sampled By: K. Singh Date: 05-22-86
Water Added on Job, gal.: 3
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated.

Remarks
*Line 4W, First Course, Ground To Second Floor

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
242A	05-29-86	7	126000	4460			RO
242B	06-19-86	28					
242C		Hold					

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Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-23-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Y-7, X-4, U-7, T-7, Columns 8' To 16' High
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 4 3/4
Ticket Number 2293
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 88
Mix Identification CM 1821
Ambient Air Temperature, °F 90
Design Strength, psi 5000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 50 min.
Sampled By K. Singh Date 05-23-86
Water Added on Job, gal. 5
Submitted By Date
Test Procedure ASTM C39-84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age In Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
247A	05-30-86	7	130000	4600			RO
247B	06-20-86	28	155000	5480			RO
247C		Hold		Discard			RO

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City of Las Vegas, (1) jobsite

Dona Shealy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-23-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Y-7, Y-4, U-7, T-7, Columns 8' To 16' High
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 4 3/4
Ticket Number 2293
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 88
Mix Identification CM 1821
Ambient Air Temperature, °F 90
Design Strength, psi 5000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 50 min.
Sampled By K. Singh Date 05-23-86
Water Added on Job, gal. 5
Submitted By Date
Test Procedure ASTM C39-84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
247A	05-30-86	7	130000	4600			RO
247B	06-20-86	28					
247C		Hold					

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Dona Haesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-27-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Columns, Ground To Second Floors, 4W, Top Course, 7S, 4U & 4V, Bottom Course
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 2381
Batch Size, cu.yds.: 10
Mix Identification: CM 1821
Design Strength, psi: 5000 / 28 days
Max. Size Aggregate, in.: 3/4
Time in Mixer: 1 hrs. 11 min.
Water Added on Job, gal.: 4
Test Procedure: ASTM C39-84B
Remarks

Measured Slump, in.: 4 3/4
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 90
Ambient Air Temperature, °F: 92
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: J. Glagola Date: 05-27-86
Submitted By: J. Glagola Date: 05-28-86
Authorized By: Marty Date: 05-27-86

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
251A	06-03-86	7	125500	4440			BS ✓
251B	06-24-86	28	163000	5770			RO
251C		Hold		Discard			RO

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Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-27-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Columns, Ground To Second Floors, 4W, Top Course, 7S, 4U & 4V, Bottom Course
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 4 3/4
Ticket Number 2381
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 90
Mix Identification CM 1821
Ambient Air Temperature, °F 92
Design Strength, psi 5000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer 1 hrs. 11 min.
Sampled By J. Glagola Date 05-27-86
Water Added on Job, gal. 4
Submitted By J. Glagola Date 05-28-86
Test Procedure ASTM C39-84B
Authorized By Marty Date 05-27-86
Remarks

Note Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
251A	06-03-86	7	125500	4440			BS
251B	06-24-86	28					
251C		Hold					

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Done Handy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-28-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Columns 7S, 4V & 4U, Top Course, Ground To Second, 7R Bottom Course, Ground *
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number # 2449
Measured Air Content, % Not Measured.
Batch Size, cu.yds. 6
Concrete Temperature, °F 90
Mix Identification CM 1821
Ambient Air Temperature, °F 95
Design Strength, psi 5000. / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer 1 hrs. 11 min.
Sampled By J. Glagola Date 05-28-86
Water Added on Job, gal. 15
Submitted By J. Glagola Date 05-29-86
Test Procedure ASTM C39-84B
Authorized By Doyle Date 05-28-86

Remarks
*To Second

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
256A	06-04-86	7	129000	4560			RO
256B	06-25-86	28	169000	5980			RO
256C		Hold		Discard			RO

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-28-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Columns 7S, 4V & 4U, Top Course, Ground To Second, 7R Bottom Course, Ground *
Concrete Supplier Stocks Mill & Supply
Ticket Number 2449
Batch Size, cu.yds. 6
Mix Identification CM 1821
Design Strength, psi 5000 / 28 days
Max. Size Aggregate, in. 3/4
Time in Mixer 1 hrs. 11 min.
Water Added on Job, gal. 15
Test Procedure ASTM C39- 84B

Measured Slump, in. 5
Measured Air Content, % Not Measured
Concrete Temperature, °F 90
Ambient Air Temperature, °F 95
Plastic Unit Weight, pcf
No. of Cylinders Molded 3
Sampled By J. Glagola Date 05-28-86
Submitted By J. Glagola Date 05-29-86
Authorized By Doyle Date 05-28-86

Remarks
*To Second

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
256A	06-04-86	7	129000	4560			RO
256B	06-25-86	28					
256C		Hold					

Copies to: Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-30-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor
Architect/Engineer
Source of Sample Shear Walls, East Side
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 5 3/4
Ticket Number 2594
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 86
Mix Identification CM 1821
Ambient Air Temperature, °F 101
Design Strength, psi 5000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer hrs. min.
Sampled By R. Ogle Date 05-30-86
Water Added on Job, gal.
Submitted By Date
Test Procedure ASTM C39- 84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
270A	06-06-86	7	120000	4240			RO
270B	06-27-86	28	160000	5660			RO
270C		Hold		Discard			RO

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Doris Hawley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-30-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor:
Architect/Engineer:
Source of Sample: Shear Walls, East Side
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 3/4
Ticket Number: 2594
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 86
Mix Identification: CM 1821
Ambient Air Temperature, °F: 101
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: hrs. min.
Sampled By: R. Ogle Date: 05-30-86
Water Added on [illegible], gal.:
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
270A	06-06-86	7	120000	4240			RO
270B	06-27-86	28					
270C		Hold					

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Dona Haisley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 05-30-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor:
Architect/Engineer:
Source of Sample: Columns, East Side
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 2599
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 84
Mix Identification: CM 1821
Ambient Air Temperature, °F: 101
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4"
No. of Cylinders Molded: 3
Time in Mixer: hrs. min.
Sampled By: R. Ogle Date: 05-30-86
Water Added on Job, gal.:
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
269A	06-06-86	7	108500	3840			RO
269B	06-27-86	28	143000	5060			RO
269C		Hold		Discard			RO

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Sierra Construction (1) mail
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City of Las Vegas, (1) jobsite

Bond Checks / 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-03-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Columns 8' To 16' High, Lines R, S, T On 4
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 2190
Batch Size, cu. yds.:
Mix Identification: CM 1821
Design Strength, psi: 5000 / 28 days
Max. Size Aggregate, in.: 3/4
Time in Mixer: 0 hrs. 45 min.
Water Added on Job, gal.: 3
Test Procedure: ASTM C39-84B
Remarks:

Measured Slump, in.: 5
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 89
Ambient Air Temperature, °F: 100
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh Date: 06-03-86
Submitted By: Date:
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Mark If Any	Date Tested	Specimen Age In Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
277A	06-10-86	7	128000	4530	1		RO
277B	07-01-86	28	151000	5340			RO
277C		Hold		Discard			RO

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Dan Healy 6-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-03-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Columns-8' To 16' High, Lines R, S, T On 4
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 2190
Measured Air Content, %: Not Measured
Batch Size, cu. yds.: 5
Concrete Temperature, °F: 89
Mix Identification: CM 1821
Ambient Air Temperature, °F: 100
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 45 min.
Sampled By: K. Singh Date: 06-03-86
Water Added on Job, gal.: 3
Submitted By: Date:
Test Procedure: ASTM C39- 84B
Authorized By: Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
277A	06-10-86	7	128000	4530			RO
277B	07-01-86	28					
277C		Hold					

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City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-09-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Shear Wall, Line 2P To 9P, First Course, Ground To Second Floor
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 3111
Batch Size, cu.yds.: 10
Mix Identification: CM 1821
Design Strength, psi: 5000 / 28 days
Max. Size Aggregate, in.: 3/4
Time in Mixer: 1 hrs. 1 min.
Water Added on Job, gal.: 2
Test Procedure: ASTM C39-84B
Remarks:

Measured Slump, in.: 4 1/4
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 81
Ambient Air Temperature, °F: 93
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: J. Glagola Date: 06-09-86
Submitted By: J. Glagola Date: 06-10-86
Authorized By: Boyle Date: 06-09-86

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
288A	06-16-86	7	122000	4320			RO
288B	07-07-86	28	164000	5800			RO
288C		Hold		Discard			RO

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Dina Shealy 6-6-88

WESTERN TECHNOLOGIES INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab /Invoice No.
Date of Report 06-09-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Shear Wall, Line 2P To 9P, First Course, Ground To Second Floor
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 3111
Batch Size, cu.yds.: 10
Mix Identification: CM 1821
Design Strength, psi: 5000 / 28 days
Max. Size Aggregate, in.: 3/4
Time in Mixer: 1 hrs. 1 min.
Water Added on Job, gal.: 2
Test Procedure: ASTM C39-84B
Remarks

Measured Slump, in.: 4 1/4
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 81
Ambient Air Temperature, °F: 93
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: J. Glagola Date: 06-09-86
Submitted By: J. Glagola Date: 06-10-86
Authorized By: Doyle Date: 06-09-86

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
288A	06-16-86	7	122000	4320			RO
288B	07-07-86	28					
288C		Hold					

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Sierra Construction (1) mail
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City of Las Vegas, (1) jobsite

Dona Hensley 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-12-86
Reviewed By J. Riedel

Project: Golden Nugget Tower -
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Shear Wall On L, From 2 - 9, 0' - 8' High
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 1/4
Ticket Number: 3393
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 92
Mix Identification: CM 1821
Ambient Air Temperature, °F: 100
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 1 hrs. 0 min.
Sampled By: K. Singh Date: 06-12-86
Water Added on Job, gal.: 12
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
305A	06-19-86	7	145000	5130			RO
305B	07-10-86	28		Discard			RO
305C		Hold		Discard			RO

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City of Las Vegas, (1) jobsite

Dona Kiesly 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-16-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Shear Wall 8' To 16' High, Lines T-N, From 2 - 9
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 3540
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 91
Mix Identification: CM 1821
Ambient Air Temperature, °F: 102
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: K. Singh Date: 06-16-86
Water Added on Job, gal.: 10
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
312A	06-23-86	7	133000	4700			RO
312B	07-14-86	28	158000	5590			PP
312C		Hold		Discard			PP

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Dona Hanely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-16-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Shear Wall 8' To 16' High, Lines T-N, From 2 - 9
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 3540
Measured Air Content, %: Not Measured.
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 91
Mix Identification: CM 1821
Ambient Air Temperature, °F: 102
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: K. Singh Date: 06-16-86
Water Added on Job, gal.: 10
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
312A	06-23-86	7	133000	4700			RO
312B	07-14-86	28					
312C		Hold					

Copies to: Client (1) mail
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Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hardy 1-6-88

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-17-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Shear Wall, Lines L, From 2 - 9, 8' to 16' High
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 3641
Measured Air Content, % Not Measured
Batch Size, cu.yds. 10
Concrete Temperature, °F 90
Mix Identification CM 1821
Ambient Air Temperature, °F 102
Design Strength, psi 5000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer 0 hrs. 50 min.
Sampled By K. Singh Date 06-17-86
Water Added on Job, gal. 6
Submitted By Date
Test Procedure ASTM C39-84B
Authorized By Date
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
314A	06-24-86	7	136000	4810			RO
314B	07-15-86	28	164000	5800			PJP
314C		Hold		Discard			

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Dona Rhesby 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-17-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Shear Wall; Lines L, From 2 - 9, 8' to 16' High
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 3641
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 90
Mix Identification: CM 1821
Ambient Air Temperature, °F: 102
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 50 min.
Sampled By: K. Singh
Date: 06-17-86
Water Added on Job, gal.: 6
Submitted By:
Date:
Test Procedure: ASTM C39-84B
Authorized By:
Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
314A	06-24-86	7	136000	4810			RO
314B	07-15-86	28					
314C		Hold					

Copies to:
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Sierra Construction (1) mail
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City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-18-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Columns, Lines M - 2,4,6,9; First Course, Ground To Second Floor
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 3734
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 7
Concrete Temperature, °F: 84
Mix Identification: CM 1821
Ambient Air Temperature, °F: 96
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 1 hrs. 11 min.
Sampled By: J. Glagola Date: 06-18-86
Water Added on Job, gal.: 5
Submitted By: J. Glagola Date: 06-19-86
Test Procedure: ASTM C39-84B
Authorized By: Doyle Date: 06-18-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
318A	06-25-86	7	129000	4560			RO
318B	07-16-86	28	143000	5060			PJP
318C		Hold		Discard			PJP

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City of Las Vegas, (1) jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-18-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample Columns, Lines M - 2,4,6,9, First Course, Ground To Second Floor
Concrete Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 3734
Measured Air Content, % Not Measured
Batch Size, cu.yds. 7
Concrete Temperature, °F 84
Mix Identification CM 1821
Ambient Air Temperature, °F 96
Design Strength, psi 5000 / 28 days
Plastic Unit Weight, pcf
Max. Size Aggregate, in. 3/4
No. of Cylinders Molded 3
Time in Mixer 1 hrs. 11 min.
Sampled By J. Glagola Date 06-18-86
Water Added on Job, gal. 5
Submitted By J. Glagola Date 06-19-86
Test Procedure ASTM C39-84B
Authorized By Doyle Date 06-18-86
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
318A	06-25-86	7	129000	4560			RO
318B	07-16-86	28					
318C		Hold					

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City of Las Vegas, (1) jobsite

Dona Haeley 1-6-87

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-19-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 2nd Story Columns, 8' To 16' High, Lines V-2,4,7,9, Columns 8' To 16' *
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 6
Ticket Number: 3849
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 7
Concrete Temperature, °F: 89
Mix Identification: CM 1821
Ambient Air Temperature, °F: 103
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate in: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 57 min.
Sampled By: K. Singh Date: 06-19-86
Water Added on Job, gal: 3
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:

Remarks
*Lines M-2,4,7,9

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
321A	06-26-86	7	122000	4320			RO
321B	07-17-86	28	149500	5290			PJP
321C		Hold		Discard			PJP

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SPEC REPORTS

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-19-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 2nd Story Columns, 8' To 16' * Lines V-2,4,7,9, Columns 8' To 16' *
Concrete Supplier: Stocks Mill & Supply
Ticket Number: 3849
Batch Size, cu.yds.: 7
Mix Identification: CM 1821
Design Strength, psi: 5000 / 28 days
Max. Size Aggregate, in.: 3/4
Time in Mixer: 0 hrs. 57 min.
Water Added on Job, gal.: 3
Test Procedure: ASTM C39-84B
Remarks: ~~Lines~~ M-2,4,7,9

Measured Slump, in.: 6
Measured Air Content, %: Not Measured
Concrete Temperature, °F: 89
Ambient Air Temperature, °F: 103
Plastic Unit Weight, pcf:
No. of Cylinders Molded: 3
Sampled By: K. Singh Date: 06-19-86
Submitted By: Date:
Authorized By: Date:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps, If Any	Tested By
			Pounds Force	psi			
321A	06-26-86	7	122000	4320			RO
321B	07-17-86	28					
321C		Hold					

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Rosa Glagola 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-23-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Shear Wall, Second To Third Floors, Lines 2 To 9 On Z, Bottom Course
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 3987
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 12
Concrete Temperature, °F: 82
Mix Identification: CM 1821
Ambient Air Temperature, °F: 94
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 60 min.
Sampled By: J. Glagola Date: 06-23-86
Water Added on Job, gal.: 0
Submitted By: K. Singh Date: 06-24-86
Test Procedure: ASTM C39- 84B
Authorized By: Doyle Date: 06-23-86
Remarks:

Note: Cylinders are 6 in. x 12 in.; area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
329A	06-30-86	7	137000	4850			RO
329B	07-21-86	28					
329C		Hold					

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Dona Hoesly 6-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-24-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 2nd Story Columns, 0' To 8' High, Lines W - 2 & 9, Y - 4
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 4091
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 7 1/2
Concrete Temperature, °F: 94
Mix Identification: CM 1821
Ambient Air Temperature, °F: 103
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: hrs. min.
Sampled By: K. Singh Date: 06-24-86
Water Added on Job, gal.:
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks:

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
334A	07-01-86	7	143000	5060			RO
334B	07-22-86	28		Discard			RO
334C		Hold		Discard			RO

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Dona Hardy 1-6-88.

WESTERN TECHNOLOGIES INC.

300 West Bonton Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-26-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 2nd Story Columns 0' To 8', Lines V - 2, 4, 7 & 9, U - 4 & 7
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 4287
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 7
Concrete Temperature, °F: 89
Mix Identification: CM 1821
Ambient Air Temperature, °F: 107
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 1 hrs 0 min.
Sampled By: K. Singh Date: 06-26-86
Water Added on Job, gal.: 9
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
343A	07-03-86	7	129000	4560			RO
343B	07-24-86	28	165000	5840			PP
343C	07-24-86	Hold	Discard				PP

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Dona Hasely 7-1-6-86

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 06-27-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 2nd Story, Shear Walls, Lines X - Z, From 2 - 9, 16' To 21' High
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 4361
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 90
Mix Identification: CM 1821
Ambient Air Temperature, °F: 110
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 1 hrs. 0 min.
Sampled By: K. Singh Date: 06-27-86
Water Added on Job, gal.:
Submitted By: Date:
Test Procedure: ASTM C39 84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in., unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
344A	07-04-86	7	137000	4850			RO
344B	07-25-86	28	149000	5270			PP
344C	07-25-86	Hold	Discard				PR

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Dona, Hasely 1-6-88

WESTERN TECHNOLOGIES INC.
3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Strect
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145-3182
Lab./Invoice No.
Date of Report 06-27-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 2nd Story, Shear Walls, Lines X - Z, From 2 - 9, 16' To 21' High
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 4361
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 90
Mix Identification: CM 1821
Ambient Air Temperature, °F: 110
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 1 hrs. 0 min.
Sampled By: K. Singh Date: 06-27-86
Water Added on Job, gal.:
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
344A	07-04-86	7	137000	4850			RO
344B	07-25-86	28					
344C		Hold					

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City of Las Vegas, (1) jobsite

Dona Hardy 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furhishings
129 East Fremont Strect
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 41453182
Lab./Invoice No.
Date of Report 07-01-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 2nd Story Shear Wall, Lines L - 2 - 9, Columns Lines T - 9, S - 4 & 7, R4 & 7 *
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 3/4
Ticket Number: 4495
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Tempesature, °F: 90
Mix Identification: CM 1821
Ambient Air Temperature, °F: 102
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs 57 min.
Sampled By: K. Singh Date: 07-01-86
Water Added on Job, gal.: 10
Submitted By: Date:
Test Procedure: ASTM C39-84B
Authorized By: Date:

Remarks:
*8' To 16' High

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
352A	07-08-86	7	136900	4830			RO
352B	07-29-86	28	147500	5220			PP
352C	07-29-86	Hold	Discard				PP

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City of Las Vegas, (1) jobsite

Rona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Strect
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 07-01-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: 2nd Story Shear Wall, Lines L - 2 - 9, Columns Lines T - 9, S - 4 & 7, R4 & 7 *
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5 3/4
Ticket Number: 4495
Measured Air Content, %: Not Measured
Batch Size, cu.yds: 10
Concrete Temperature, °F: 90
Mix Identification: CM 1821
Ambient Air Temperature, °F: 102
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 57 min.
Sampled By: K. Singh Date: 07-01-86
Water Added on Job, gal.: 10
Submitted By: Date:
Test Procedure: ASTM C39- 84B
Authorized By: Date:

Remarks
*8' To 16' High

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
352A	07-08-86	7	136500	4830			RO
352B	07-29-86	28					
352C		Hold					

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Bone Healy 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 07-09-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Shear Wall 2nd Story 0' to 18', Lines 2-N-T & 9-N-S
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 4820
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 88
Mix Identification: CM 1821
Ambient Air Temperature, °F: 92
Design Strength, psi: 5000 / 28 days,
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 1 hrs. 0 min.
Sampled By: K. Singh Date: 07-09-86
Water Added on Job, gal.: 10
Submitted By: Date:
Test Procedure: ASTM C39-84E
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
364 A	07-16-86	7	136500	4830			PJP
364 B	08-06-86	28	162500	5750			PJP
364 C		Hold	Discard				PJP

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Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Shealy 8-6-88

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 07-09-86
Reviewed By J. Riedel

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer:
Source of Sample: Shear Wall 2nd Story 0' to 18', Lines 2-N-T & 9-N-S
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 5
Ticket Number: 4820
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 10
Concrete Temperature, °F: 88
Mix Identification: CM 1821
Ambient Air Temperature, °F: 92
Design Strength, psi: 5000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 3/4
No. of Cylinders Molded: 3
Time in Mixer: 1 hrs. 0 min.
Sampled By: K. Singh Date: 07-09-86
Water Added on Job, gal.: 10
Submitted By: Date:
Test Procedure: ASTM C39- 84B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
364 A	07-16-86	7	136500	4830			PJP
364 B	08-06-86	28					
364 C		Hold					

Copies to: Client (1) mail.
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Sonia Healy 1-6-88

WESTERN TECHNOLOGIES, INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

Lean Concrete Mix Design: CM2228
1000 PSI - 28 Days; 1-1/2" Maximum Aggregate
Cement Type V; 3.0 Sacks; Water 33 Gals; W/C 0.975
Golden Nugget Tower, Pool Area, Connecting Area
Lean Mix Fill Below Footings

Req. #3.10

Requested By: Stocks Mill and Supply
Source of Material: Fine and Coarse Aggregate — Stocks Pit
Potential Reactivity of Aggregate ASTM: C289-71 — Fine & Coarse Aggregate-Innocuous
Soundness of Aggregate, ASTM: C88-76 — Fine & Coarse Aggregate 1.8%
Abrasion of Coarse Aggregate, ASTM: 131-81 — 500 Revolutions, 22.1%
Organic Impurities, ASTM: C40-77 — O.K.
Deleterious Material, Fine Aggregate: Minus #200, 3.4%; Lightweight, 0.05%; Clay Particles, None
Deleterious Material, Coarse Aggregate: Lightweight, None; Clay Particles, Nor
SIEVE ANALYSIS & S.G. & F.M.: May, 1983 (By Fox)

Sieve Size	PERCENT PASSING U. S. STANDARD SIEVE Fine Aggregate	Intermediate Aggregate	Coarse Aggregate
2"			100.
1-1/2"			99
1"		100	46
3/4"		94	4
3/8"	100	32	1
No. 4	99	8	
No. 8	76	1	
No. 16	48		
No. 30	32		
No. 50	20		
No. 100	9		
F.M.:	3.16		
S.G. (SSD):	2.70	2.73	2.73
Absorption: %	2.50	1.0	1.0

MIX DESIGN FOR ONE CUBIC YARD OF CONCRETE:
Absolute Volume of Aggregate in One Cubic Yard: Cubic Feet: 21.158
Weight of Aggregate in One Cubic Yard Batch: Pounds: 3,590
Sacks Cement: 3.0

	Percent	Computed Batch Wts (lbs)	Absolute Volume (cu. feet)
W. C. Sand	43	1,535	9.096
Intermediate Aggregate	32	1,155	6.771
Coarse Aggregate	25	900	5.289
Water: 33 Gallons		275	4.407
Cement: 3.0 Sacks/Cu.Yd., Type V		282	1.435
		TOTAL	27.000

Slump: 4" Maximum

NOTE: For water in sand in excess of 2.5 percent, make weight correction. For each 1.0 percent excess water, deduct 15 pounds mixing water and add 15 pounds sand.

Respectfully submitted,

WESTERN TECHNOLOGIES, INC.

By: Douglas A. Grisham, P.E.
Vice President

RECEIVED
NOV 20 1985
GENERAL CONTRACTOR
SIERRA
CONSTRUCTION CORP.

250.374/.375/A20S
CSI No. 3.1 (A)

GOLDEN NUGGET — LAS VEGAS

This submittal has been reviewed for conformance with the design intent of the Contract Documents in accordance with Article 4.12. Contractor, Product Data & Samples, of the General Conditions and from our knowledge and correction of the submittal. All State and Local Codes and requirements must be met.

☐ APPROVED AS NOTED — RESUBMISSION NOT REQUIRED

☐ NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT

☒ REJECTED — DO NOT RESUBMIT

BY USR DISCIPLINE STRUCTURAL

DATE 11-25-85

MARTIN & ASSOCIATES

8004 [illegible] LAS VEGAS, NV 89114

1-6-88

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

LABORATORY REPORT

COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS

Client: Atlandia/Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab./Invoice No.
Date of Report 04-08-86
Reviewed By J. Riede

Project: Golden Nugget Tower
Location: 1st & Bridger
Contractor: Sierra Construction
Architect/Engineer: Martin, Peltyn & Associates
Source of Sample: Curb & Gutter, 15' East Of Line C, From 13 To 15
Concrete Supplier: Stocks Mill & Supply
Measured Slump, in.: 4 1/2
Ticket Number: 94463
Measured Air Content, %: Not Measured
Batch Size, cu.yds.: 9 yards
Concrete Temperature, °F: 68
Mix Identification: CM 1435-FA
Ambient Air Temperature, °F: 62
Design Strength, psi: 3000 / 28 days
Plastic Unit Weight, pcf:
Max. Size Aggregate, in.: 1 1/2
No. of Cylinders Molded: 3
Time in Mixer: 0 hrs. 30 min.
Sampled By: K. Singh Date: 04-08-86
Water Added on Job, gal.: 0
Submitted By: Date:
Test Procedure: ASTM C39- 83B
Authorized By: Date:
Remarks

Note: Cylinders are 6 in. x 12 in., area = 28.27 sq. in. unless otherwise indicated

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Defects in Specimens/Caps If Any	Tested By
			Pounds Force	psi			
198A	04-15-86	7	87500	3100			MD
198B	05-06-86	28					
198C		Hold					

Copies to:
Client (1) mail
Atlandia Design, Attn: Mr. Joel Bergman, A.I.A. (1) mail
Sierra Construction (1) mail
Martin & Associates (1) mail
City of Las Vegas, (1) jobsite

Dona Hasely 1-16-88

WESTERN TECHNOLOGIES, INC.
300 West Boston Avenue
Las Vegas, Nevada 89102
(702) 382-7483

Lab/Invoice No: 41431136

LIGHTWEIGHT CONCRETE MIX DESIGN: CM-2229
3,000 PSI, 115 PCF - 28 Days Air Dried; 3/4" Maximum Aggregate; Air Entrained
Cement Type II; 6.0 Sacks; Water 5.67 Gals/Sack; W/C = 0.50

GOLDEN NUGGET TOWER, POOL AREA & CONNECTING AREA SLABS ON METAL DECK

Requested By: Stocks Mill & Supply

Source of Material: Fine Aggregate: Rhyolite - Tridelta, Las Vegas
Coarse Aggregate: Rhyolite - Tridelta, Las Vegas
Fly Ash: Western Fly Ash Company, ASTM C618, Class F

Sub #310

PERCENT PASSING U. S. STANDARD SIEVE

Sieve Size	Fine Aggregate	Coarse Aggregate
1"		100
3/4"		94
1/2"		77
3/8"	100	59
No. 4	98	21
No. 8	82	10
No. 16	65	
No. 30	50	
No. 50	37	
No. 100	24	
No. 200	15.1	
F.M.:	2.45	
S.G. (Dry):	2.17	1.85
Absorption: %	2.8	7.5

MIX DESIGN FOR ONE CUBIC YARD OF CONCRETE:	Sacks Cement:	6.0
Absolute Volume of Aggregate in One Cubic Yard:	Cubic Feet:	17.976
Weight of Aggregate in One Cubic Yard:	Pounds:	2,255

	Percent	Computed Batch Wts (lbs)	Absolute Volume (cu. feet)
W. G. Sand (loose dry, 78 PCF)	50	1,215	8.988
Rhyolite Coarse Agg (loose dry, 68 PCF)	50	1,040	8.988
Absorption Water = 13 Gals		108	—
Active Water: 5.67 Gals/Sack = 34 Gals		283	4.535
Cement: 6.0 Sacks/Cu.Yd., Type II		564	2.869
Entrained Air: 6%			1.620
		TOTAL	27.000

Slump: 4"
Admixture: Master Builder's Pozzolith 322N, 6.0 fl.oz./100 lbs. cement. And MBAE-10; 0.5 fl.oz/100 lbs. cement.

Respectfully submitted,

WESTERN TECHNOLOGIES, INC.

By: Douglas A. Grisham, P.E.
Vice President

RECEIVED
NOV 20 1985
GENERAL CONTRACTOR
SIERRA CONSTRUCTION CO.

250.374/.375/A20S
CSI No. 3.1 (F)

Dona Hawley 1-6-88

GOLDEN NUGGET — LAS VEGAS

"The submittal has been reviewed for compliance with the design intent of the Contract Documents in accordance with Article 4.12, "Shop Drawings, Project Data & Samples", of the General Conditions and does not imply total correctness of the submittal. All State and Civil Authority requirements must be met."

☒ APPROVED AS NOTED — RESUBMISSION NOT REQUIRED
☐ NOT APPROVED — MAKE CORRECTIONS AND RESUBMIT
☐ REJECTED — DO NOT RESUBMIT

BY DSP DISCIPLINE STRUCTURAL

DATE 11-25-85

MARTIN & ASSOCIATES
1001 WILSON DRIVE S., LAS VEGAS, NV 89114

Dona Hoesly 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050.

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 08-29-86
Reviewed By J. Riedel

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 2nd Story Roof, Lines K.5-M, From 9-13
Material Supplier Stocks Mill & Supply
Measured Slump, in. 5
Ticket Number 07925
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 100
Mix Identification CM2229
No. of Specimens Molded 3
Design Strength, psi 3000 / 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 08-29-86
Time in Mixer 1 hrs. 0 min.
Submitted By Date
Water Added on Job, gal. 10
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
482A	09-05-86	7	85000	3010		116.9	PP
482B	09-26-86	28	Discard				PP
482C		Hold	Discard				PP

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
Martin & Associates (1) Mail
City of Las Vegas, (1) Jobsite

Dona Hasely 1-6-88

WESTERN TECHNOLOGIES INC.

3611 West Tompkins Avenue
Las Vegas, Nevada 89103
(702) 798-8050

LABORATORY REPORT

COMPRESSIVE STRENGTH TESTS ON Light Weight Concrete

Client Atlandia Design & Furnishings
129 East Fremont Street
Las Vegas, NV 89101

Attn: Mr. Brad Friedmutter

Job No. 4145J182
Lab/Invoice No. ADF86031
Date of Report 09-12-86
Reviewed By

Project Golden Nugget Tower
Location 1st & Bridger
Contractor Sierra Construction
Architect/Engineer
Source of Sample 2nd Story Roof Lines P-W', From 9 To 12.6
Material Supplier Stocks Mill & Supply
Measured Slump, in. 4
Ticket Number 08558
Measure Air Content, % Not Measured
Batch Size, cu. yds. 10
Ambient Air Temperature, °F 88
Mix Identification CM2229
No. of Specimens Molded 3
Design Strength, psi 3000 @ 28 days
Size of Specimens 6 x 12
Max. Size Aggregate, in. 3/4
Sampled By K. Singh Date 09-12-86
Time in Mixer hrs. 57 min.
Submitted By Date
Water Added on Job, gal. 8
Authorized By Date
Test Procedure ASTM C39-84B
Remarks:

Specimen Marking If Any	Date Tested	Specimen Age in Days	Compressive Strength Maximum Load		Type Fracture If Other Than Cone	Unit Weight	Tested By
			Pounds Force	psi			
508A	09-19-86	7	115000	4070		116.1	PP
508B	10-10-86	28	Discard				PP
508C		Hold	Discard				PP

Copies to: Client (1) Mail
Atlandia Design, Attn: Mr. Joel Bergman A.I.A. (1) Mail
Sierra Construction (1) Mail
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City of Las Vegas, (1) Jobsite