



June 16, 2011

Cortel, LLC
Attn: Daniel Davis
2468 Caminito Venido
San Diego, CA 92107

RE: Cell Facility for AT&T Wireless (APN 138-19-811-002) located at 1771 Inner Circle Drive; SDR-41796

Dear Mr. Davis:

It has been determined that the removal of three (3) existing antennas and installation of three (3) new LTE panel antennas (one per sector), six (6) Radio Remote Heads (two per sector), and one (1) DC surge suppressor unit at the top of an existing building (along the side); in addition to installing one (1) GPS antenna near the base of the facility located at 1771 Inner Circle Drive meets the standard for approval as defined in Title 19.12.010 and 19.18.020 of the Unified Development Code of the city of Las Vegas, subject to the following.

1. Conformance to the submitted site plan and elevations date-stamped May 16, 2011.
2. This approval shall be void one year from the date of final approval, unless a building permit has been issued for the proposed installation. An Extension of Time may be filed for consideration by the City of Las Vegas.
3. Any equipment located on the outside of the shelter and or building shall be painted to match the color of the exterior wall.
4. The wireless communications facility and its associated equipment and screening shall be properly maintained and kept free of graffiti at all times by the monopole owner. Failure to perform the required maintenance may result in fines and/or removal of the facility and its associated equipment. If abandoned, the property owner must obtain a demolition permit to remove the equipment within thirty (30) days of abandonment. All equipment must then be removed within six (6) months after operations at the site cease.

A Special Use Permit application will not be required prior to submittal of building permits. A copy of this letter must be included in the permit package.

If you have any questions, please contact me at (702) 229-6895.

Sincerely,


Debbie Sullivan, Planner I
Case and Public Planning

LAS VEGAS CITY COUNCIL

OSCAR B. GOODMAN
MAYOR

GARY REESE
MAYOR PRO TEM

STEVE WOLFSON
LOIS TARKANIAN
STEVEN D. ROSS
RICKI Y. BARLOW
STAVROS S. ANTHONY

ELIZABETH N. FRETWELL
CITY MANAGER

CITY OF LAS VEGAS
DEPARTMENT OF PLANNING
DEVELOPMENT SERVICES CENTER
333 NORTH RANCHO DRIVE
3RD FLOOR
LAS VEGAS, NEVADA 89106

VOICE 702.229.6301
FAX 702.474.0352
TTY 702.386.9108
www.lasvegasnevada.gov





DEPARTMENT OF PLANNING

APPLICATION / PETITION FORM

Application/Petition For: Administrative Wireless Review
 Project Address (Location) 1771 Inner Circle Drive.
 Project Name Summerline Library Proposed Use Wireless
 Assessor's Parcel #(s) 138-19-811-002 Ward # N/A
 General Plan: existing N/A proposed N/A Zoning: existing P-C proposed N/A
 Commercial Square Footage 36 Square feet Floor Area Ratio N/A
 Gross Acres N/A Lots/Units N/A Density N/A
 Additional Information Modification to an existing Wireless Facility. Swapping old antennae for newer antennae.

PROPERTY OWNER _____ Contact Stephen Rice
 Address _____ Phone: (702) 507-6200 Fax: N/A
 City Las Vegas State NV Zip 89134
 E-mail Address rices@lvccld.org

APPLICANT AT&T Wireless Contact Dan Davis
 Address 3763 Howard Hughes Parkway Phone: (702) 501-4111 Fax: _____
 City Las Vegas State NV Zip 89183
 E-mail Address daniel.davis@cortel-llc.com

REPRESENTATIVE Cortel, LLC Contact Daniel Davis
 Address 2468 Caminito Venido Phone: (702) 501-4111 Fax: _____
 City San Diego State CA Zip 92107
 E-mail Address daniel.davis@cortel-llc.com

Property Owner Signature* [Signature]

* An authorized agent may sign in lieu of the property owner for Final Maps, Tentative Maps, and Parcel Maps.

Print Name Stephen S. Rice

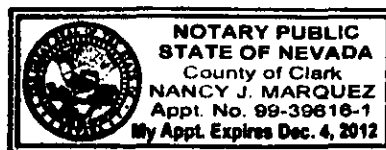
Subscribed and sworn before me

This 10th day of May, 20 11

[Signature]

Notary Public in and for said County and State

Revised 10/27/08

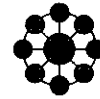


FOR DEPARTMENT USE ONLY

Case #	<u>SDR-41796</u>
Meeting Date:	<u>ADMIN</u>
Total Fee:	<u>\$500</u>
Date Received:*	<u>5-16-11</u>
Received By:	<u>[Signature]</u>

*The application will not be deemed complete until the submitted materials have been reviewed by the Department of Planning for consistency with applicable sections of the Zoning Ordinance.

f:\depot\Application Packet\Application Form.pdf



Cortel

2468 Caminito Venido
San Diego, CA 92107
(702) 501-4111

April 13, 2011

Debbie Sullivan
City of Las Vegas
333 N. Rancho Dr.
Las Vegas, NV 89107

Dear Debbie:

On behalf of AT&T, I am submitting for an Administrative Wireless Review to modify an existing 71' Rooftop site at 1771 Inner Circle Dr.

AT&T is proposing to change one existing panel antenna with 1 (one) 8' panel antenna and 2 (two) Remote Radio Heads (RRH) per sector (3 sectors total) for a total of 3 panel antennas and 6 RHH's at RAD Center 60'. Also, they are proposing to add a surge suppressor banded to the antennae mount and add one GPS antenna to the ground equipment.

The proposed modifications will not increase the overall height of the structure and will not have a negative impact on the surrounding area. Approval of this application will allow AT&T to continue to provide the City of Las Vegas with state of the art communication service.

Should any further information be required, please feel free to contact me.

Sincerely,

Daniel Davis
Program Manager
Cortel, LLC

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GENERAL INFORMATION	
PARCEL NO.	138-19-811-002
OWNER AND MAILING ADDRESS	COUNTY OF CLARK(LIBRARY) 500 S GRAND CENTRAL PKWY LAS VEGAS NV 89155-0000
LOCATION ADDRESS CITY/UNINCORPORATED TOWN	1771 INNER CIR LAS VEGAS
ASSESSOR DESCRIPTION	SUMMERLIN VILLAGE 1 SOUTH-UNIT #4 <u>PLAT BOOK 51 PAGE 86</u> LOT 3 BLOCK A SEC 19 TWP 20 RNG 60
RECORDED DOCUMENT NO.	* 19920312:00873 ✓
RECORDED DATE	03/12/1992
VESTING	NO STATUS

*Note: Only documents from September 15, 1999 through present are available for viewing.

ASSESSMENT INFORMATION AND SUPPLEMENTAL VALUE	
TAX DISTRICT	200
APPRAISAL YEAR	2010
FISCAL YEAR	10-11
SUPPLEMENTAL IMPROVEMENT VALUE	0
SUPPLEMENTAL IMPROVEMENT ACCOUNT NUMBER	N/A

REAL PROPERTY ASSESSED VALUE		
FISCAL YEAR	2010-11	2011-12
LAND	960498	617463
IMPROVEMENTS	3005955	2845288
PERSONAL PROPERTY	0	0
EXEMPT	3966453	3462751
GROSS ASSESSED (SUBTOTAL)	3966453	3462751
TAXABLE LAND+IMP (SUBTOTAL)	11332723	9893574
COMMON ELEMENT ALLOCATION ASSD	0	0
TOTAL ASSESSED VALUE	3966453	3462751
TOTAL TAXABLE VALUE	11332723	9893574

ESTIMATED LOT SIZE AND APPRAISAL INFORMATION	
ESTIMATED SIZE	4.50 Acres
ORIGINAL CONST. YEAR	1993
LAST SALE PRICE MONTH/YEAR	0
LAND USE	4-30 NON-PROFIT LIBRARY AND MUSEUMS
DWELLING UNITS	0

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9 2 0 3 | 2 0 0 8 7 3

(4)

RECORDING REQUESTED BY AND
WHEN RECORDED ~~RETURN~~ TO:

RETURN TO:
NEVADA TITLE CO.

Clark County Library District
Mr. Charles Hunsberger
833 Las Vegas, Blvd North
Las Vegas, Nevada 89101

4/10-1257 RMLG (Space above line for Recorder's use)

APR APR 350-410-005

GRANT BARGAIN AND SALE DEED

HOWARD HUGHES PROPERTIES, LIMITED PARTNERSHIP, a Delaware limited partnership, as "Grantor," does hereby Grant, Bargain, Sell and Convey to LAS VEGAS CLARK COUNTY LIBRARY DISTRICT, a body politic, as "Grantee," the real property in the City of Las Vegas, County of Clark, State of Nevada (hereinafter referred to as the "Land") described on Attachment "A" attached hereto and incorporated herein by this reference.

RESERVING UNTO GRANTOR, its successors and assigns, together with the right to grant and transfer all or a portion of the same, as follows:

A. Any and all oil, oil rights, minerals, mineral rights, natural gas rights, and other hydrocarbons by whatsoever name known, geothermal steam, and all products derived from any of the foregoing, that may be within or under the Land beneath a depth of five hundred feet (500').

B. Any and all water, rights or interests therein, no matter how acquired by Grantor, and owned or used by Grantor in connection with or with respect to the Land, or within or under the Land, together with the right and power to explore, drill, redrill, remove and store the same from the Land or to divert or otherwise utilize such water, rights or interests on any other property owned or leased by Grantor, whether such water rights shall be riparian, overlying, appropriative, percolating, littoral, prescriptive, adjudicated, statutory or contractual; but without, however, any right to enter upon or in any way disturb the surface of the Land or any area within five hundred feet (500') from the surface of the Land in the exercise of such rights.

C. Non-exclusive easements in gross on, over, under or across the Land for the purposes of installation, emplacement and maintenance of electric, telephone, cable television, water, gas, sanitary sewer lines, drainage facilities or any other utilities, together with the right to enter upon the Land without

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unreasonably interfering with Grantee's reasonable use and enjoyment thereof) in order to service, maintain, repair, reconstruct, relocate or replace any of such lines or facilities.

D. Non-exclusive easements in gross on, over, under or across the Land for the purpose of developing, constructing and improving perimeter and boundary walls on or adjacent to the Land together with appurtenant landscaping (the "Perimeter and Boundary Wall Improvements") in connection with Grantor's development of the Summerlin Planned Community ("Summerlin"), and the right to deposit and use equipment and materials thereon for such purposes, together with the right of ingress and egress thereto, in order to install, construct, service, maintain, repair, reconstruct, widen, relocate and replace any of such Perimeter and Boundary Wall Improvements.

E. Non-exclusive easements in gross on, over, under, or across the Land, together with the right of ingress and egress thereto, for the purpose of disposing soil, rocks, and other materials generated by the development and construction of the Perimeter and Boundary Wall Improvements, including, but not limited to, materials generated by grading of the streets adjacent to and in the vicinity of the Land, and the right to deposit and use equipment and materials thereon for such purposes, so long as Grantor's activity pursuant to this easement does not unreasonably interfere with the Grantee's construction of its development project on the Land.

SUBJECT TO:

1. General and special taxes and assessments for the current fiscal tax year and any and all unpaid bonds and/or assessments;
2. All covenants, conditions, restrictions, reservations, rights, right-of-way and easements recorded against the Land and all other matters of record or apparent; and
3. That certain Declaration of Development Covenants and Restrictions by Grantee dated February 11, 1992 and

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recorded in the Official Records of Clark County, Nevada, concurrently with the recordation of this Deed.

4. That certain Option Agreement and Escrow Instructions by and between Grantor and Grantee dated February 11, 1992.

5. That certain Memorandum of Option Agreement and Escrow Instructions by and between Grantor and Grantee dated February 11, 1992, and recorded in the Official Records of Clark County, Nevada, concurrently with the recordation of this Deed.

IN WITNESS WHEREOF, Grantor has caused its name to be affixed hereto and this instrument to be executed by its general partner thereunto duly authorized.

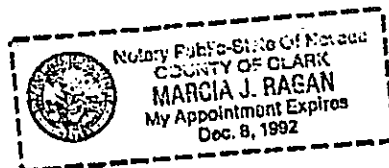
Dated as of February 11th, 1992.

HOWARD HUGHES PROPERTIES,
LIMITED PARTNERSHIP, a
Delaware limited partnership

By: SUMMERLIN, a division
of SUMMA CORPORATION, a
Delaware corporation, its
sole general partner

By: Mark L. Fine
Mark L. Fine
President

STATE OF NEVADA)
) SS.
COUNTY OF CLARK)



On February 11, 1992, personally appeared before me, a Notary Public, Mark L. Fine, personally known to me to be the person whose name is subscribed to the above instrument who acknowledged that he/she executed the instrument.

Marcia J. Ragan
Notary Public

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MAY 16 2011

9 2 0 3 1 2 0 0 8 7 3

ATTACHMENT "A" TO GRANT BARGAIN AND SALE DEED

EXPLANATION: THIS LEGAL DESCRIBES THE LIBRARY SITE IN VILLAGE 1
SOUTH - UNIT NUMBER 4 (VILLAGE CENTER).

DO NOT RECORD ABOVE THIS LINE

LEGAL DESCRIPTION

ALL OF LOT 3, CONTAINING 4.506 ACRES MORE OR LESS, OF BLOCK "A", AS
SHOWN ON SUMMERLIN VILLAGE 1 SOUTH - UNIT NUMBER 4, A PLANNED
COMMUNITY, ON FILE IN BOOK 51 OF PLATS, PAGE 86, OF CLARK COUNTY
NEVADA RECORDS; LYING WITHIN SECTION 19, OF TOWNSHIP 20 SOUTH,
RANGE 60 EAST, M.D.M., IN THE CITY OF LAS VEGAS, CLARK COUNTY,
NEVADA.

pm
2/11/92

8B 2/11/92

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MAY 16 2011

CLARK COUNTY, NEVADA
JOAN L. SWIFT, RECORDER
RECORDED AT REQUEST OF:
L. CORBETT
03-12-92 14:08 C.J.F.
OFFICIAL RECORDS
BOOK: 920312 INST: 00873
FEE: .00 RPTT: EX#002

PHOTO SIMULATION

PROPOSED WIRELESS COMMUNICATIONS FACILITY

SITE LOCATION MAP

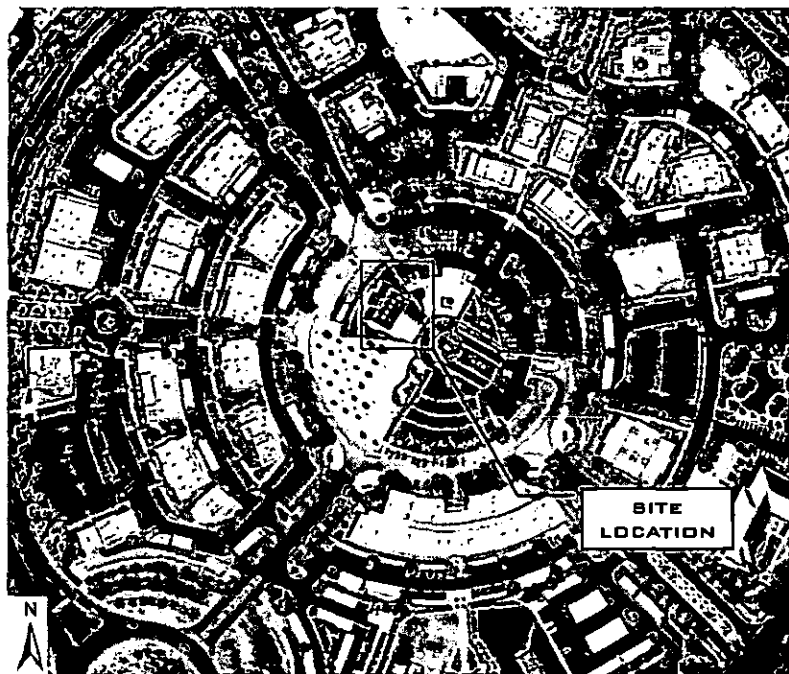


Image from GoogleMaps 2010©

SITE NUMBER: L354 (50539)

SITE NAME: SUMMERLIN LIBRARY

SITE ADDRESS: 1771 INNER CIRCLE DRIVE
LAS VEGAS, NV 89134

DATE: 05/04/11

APPLICANT: AT&T WIRELESS

CONTACT: DAN SIMMS
BLACK & VEATCH
(702) 481-1178

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MAY 16 2011



EXISTING VIEW

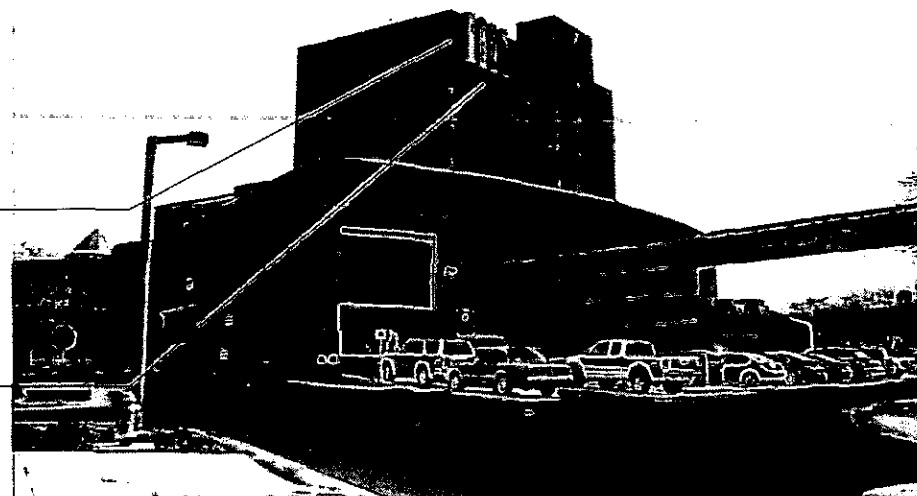
(12) EXISTING AT&T
ANTENNAS LOCATED ON
EXISTING 71'-0" BUILDING
BEHIND EXISTING SCREEN
BOX

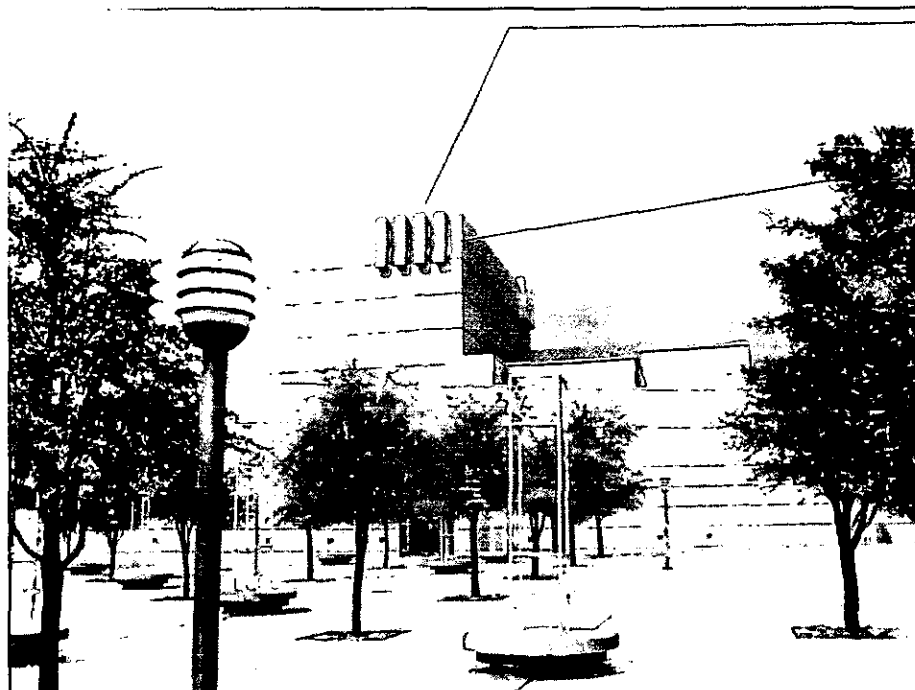
(1) EXISTING AT&T
ANTENNA PER SECTOR AT
POSITION THREE TO BE
REMOVED

(1) PROPOSED BURGE
SUPPRESSOR AND (2) PROPOSED
RRH'S PER SECTOR MOUNTED ON
PROPOSED UNISTRUT BEHIND
EXISTING PARAPET WALL

(1) PROPOSED AT&T LTE ANTENNA
AT RAD CENTER 60'-0" PER
SECTOR TO BE INSTALLED AT
POSITION THREE BEHIND
EXISTING SCREEN BOX

PHOTO SIMULATION





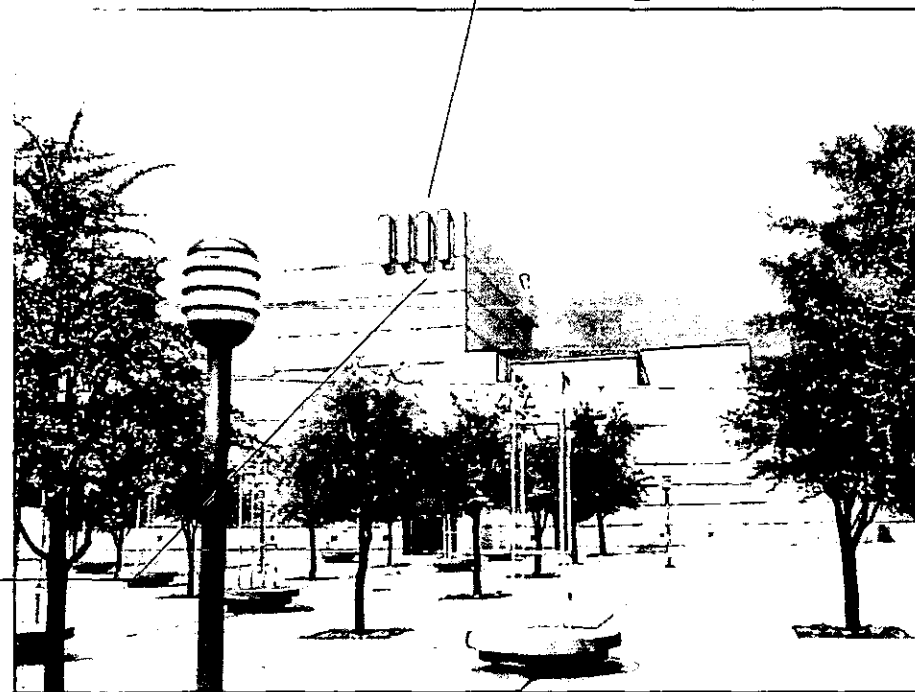
EXISTING VIEW

(12) EXISTING AT&T ANTENNAS LOCATED ON EXISTING 71'-0" BUILDING BEHIND EXISTING SCREEN BOX

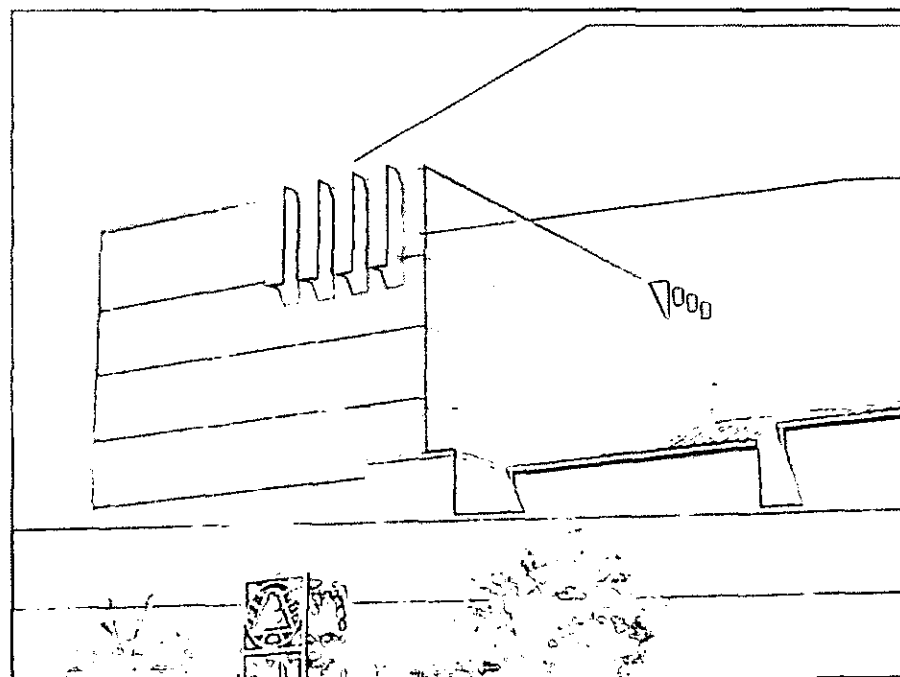
(1) EXISTING AT&T ANTENNA PER SECTOR AT POSITION THREE TO BE REMOVED

(1) PROPOSED SURGE SUPPRESSOR AND (2) PROPOSED RRH'S PER SECTOR MOUNTED ON PROPOSED UNISTRUT BEHIND EXISTING PARAPET WALL

PHOTO SIMULATION



(1) PROPOSED AT&T LTE ANTENNA AT RAO CENTER 60'-0" PER SECTOR TO BE INSTALLED AT POSITION THREE BEHIND EXISTING SCREEN BOX



EXISTING VIEW

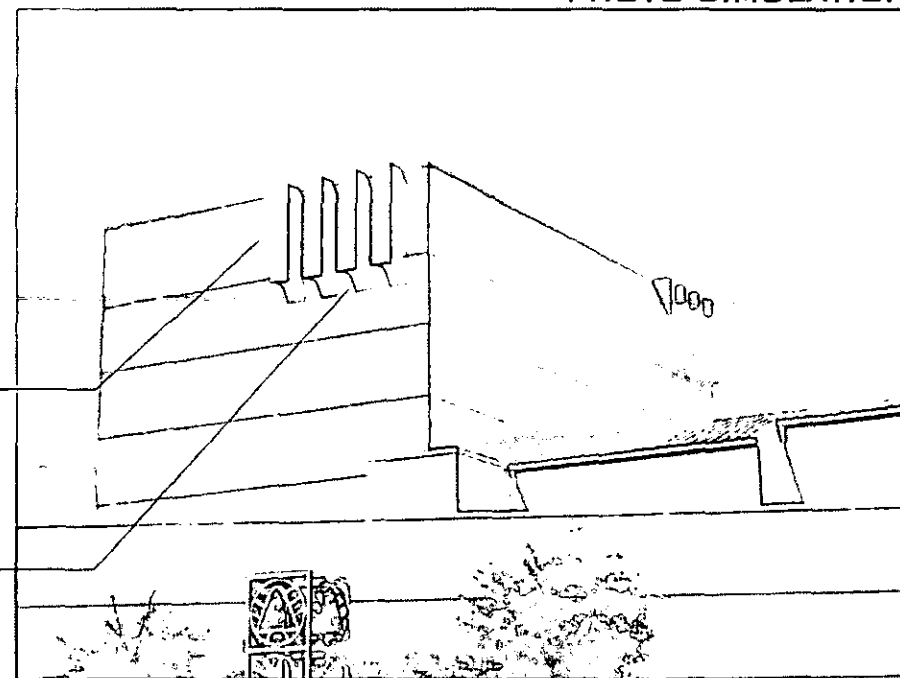
(12) EXISTING AT&T ANTENNAS LOCATED ON EXISTING 71'-0" BUILDING BEHIND EXISTING SCREEN BOX

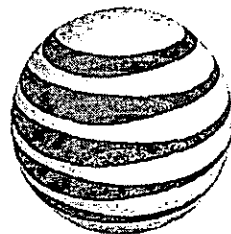
(11) EXISTING AT&T ANTENNA PER SECTOR AT POSITION THREE TO BE REMOVED

(1) PROPOSED SURGE SUPPRESSOR AND (2) PROPOSED RRH'S PER SECTOR MOUNTED ON PROPOSED UNISTRUT BEHIND EXISTING PARAPET WALL

(1) PROPOSED AT&T LTE ANTENNA AT RAD CENTER 60'-0" PER SECTOR TO BE INSTALLED AT POSITION THREE BEHIND EXISTING SCREEN BOX

PHOTO SIMULATION





at&t

SUMMERLIN LIBRARY
1771 INNER CIRCLE DRIVE
LAS VEGAS, NEVADA 89134
LSVGNVL354 LTE

FINAL PLANS
 APPROVED **X as noted**
 ADDRESS COMMENTS & RESUBMIT

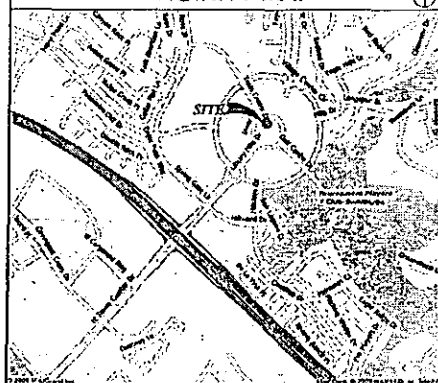
John A. C. [Signature] 5-17-11
 SUBMITTER OF CONCEPTUAL DESIGN
 REVIEW COMMITTEE

SPECIAL INSPECTIONS

- | | |
|---|--|
| 1. CONCRETE | 12.1. MOUNT SOIL CONDITIONS ARE SUBSTANTIALLY IN |
| 2. BOLTS INSTALLED IN CONCRETE | CONCRETE, WITH THE SOIL INVESTIGATION REPORT |
| 3. CONCRETE JOINTS-REINFORCING SPACE FRAME | 12.2. MOUNT SOIL FOUNDATION LOCATIONS EXTEND TO |
| 4. REINFORCING STEEL AND REINFORCING STEEL | PROVIDE DEPTH AND REINFORCING |
| 5.1. ALL STRUCTURAL WELDING | 12.3. PROVIDE SOIL CONDITIONS TEST RESULTS DEPTH OF |
| 5.2. WELD REPAIRS, SURE WELDING-REPAIRS SURE TEST | FULL REPAIRS, SURE WELDING |
| 5.3. REPAIRING REINFORCING STEEL | 12.4. PROVIDE SOIL CONDITIONS TEST RESULTS, CAPASION |
| 6. HIGH-RESISTANCE BUILDING | WELD REPAIRS, SURE WELDING, ON |
| 7. STRUCTURAL WELDING | SPACE FRAME DESIGN FOR EACH BUILDING |
| 8. REINFORCED CONCRETE JOINTS | SPACE FRAME DESIGN |
| 9. REINFORCED CONCRETE JOINTS | 15. SPECIAL GAGES (REPAIRS) |
| 10. SPECIAL-APPLIED TAPING/PROTECTING | 16. OFF-SITE TAPING OF TAPING COMPONENTS |
| 11. REPAIR FOUNDATIONS (PILING, DRILLED & CEMENTED) | 17. OFF-SITE TAPING OF TAPING COMPONENTS |
| 12. SHORING | 18. OFF-SITE TAPING OF TAPING COMPONENTS |

NO.	DESCRIPTION OF TYPE OF INSPECTION REQUIRED, LOCATION, ADDRESS.

VICINITY MAP



CONSULTANT TEAM

CLIENTS REPRESENTATIVE:
 BLACK & VEATCH
 6 SUNSET WAY
 SUITE 8100
 HENDERSON, NEVADA 89014
 PHONE: (702) 541-6283
 CONTACT: MURRAY STODOLSKY

ARCHITECT:
 JEFFREY BONE & ASSOCIATES INC.
 1 SAN JOAQUIN PLAZA
 SUITE 750
 HEMET, CALIFORNIA 92343
 PHONE: (951) 768-3828
 FAX: (951) 768-3851
 CONTACT: JEFFREY BONE

SITE ACQUISITION & PLANNING:
 CORTEL
 2486 CANTERO VUE
 SAN DIEGO, CALIFORNIA 92107
 PHONE: (619) 501-1111
 CONTACT: GABRIEL BROWN

DEVELOPMENT SUMMARY

APPLICANT: AT&T WIRELESS
 3743 HOWARD HUGHES PARKWAY, SUITE 200
 LAS VEGAS, NEVADA 89161

OWNER: COUNTY OF CLARK (LIBRARY)
 833 NORTH LAS VEGAS BOULEVARD
 LAS VEGAS, NEVADA 89101

OTHER ON-SITE TELECOM FACILITIES: NONE

PROJECT ADDRESS: 1771 INNER CIRCLE DRIVE
 LAS VEGAS, NEVADA 89134

ASSESSMENT PROJECT NUMBER: 158-19-011-002

EXISTING ZONING: P-C

PROPOSED PROJECT AREA: NO INCREASE IN PROJECT AREA

EXISTING TYPE OF CONSTRUCTION: TYPE V-B

PROPOSED TYPE OF CONSTRUCTION: TYPE V-B

EXISTING OCCUPANCY: U-1

PROPOSED OCCUPANCY: U-2

JURISDICTION: CITY OF LAS VEGAS

PROJECT DESCRIPTION

AT&T WIRELESS PROPOSES TO MODIFY AN EXISTING SITE AS FOLLOWS:

- REMOVE (X) (3) ANTENNAS.
- INSTALL (X) (3) ANTENNAS.
- INSTALL (X) (3) JMW'S.
- INSTALL (X) (1) DC SURGE SUPPRESSOR.

LEGAL DESCRIPTION

190.

SHEET INDEX

- 1001 TITLE SHEET
 1002 SPECIFICATIONS AND NOTES
 1003 SITE PLANS
 1004 EQUIPMENT FLOOR PLAN
 1005 ELEVATIONS
 1006 (NOT USED)
 1007 RISE SPECIFICATIONS
 1008 EQUIPMENT DETAILS
 1009 EQUIPMENT DETAILS
 1010 ANGUS CABLE SPECIFICATIONS

APPLICABLE CODES

ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:

- INTERNATIONAL BUILDING CODE, 2006 EDITION
- SOUTHERN REGIONAL ADAPTATIONS TO THE 2006 IBC
- UNIFORM PLUMBING CODE, 2006 EDITION
- UNIFORM MECHANICAL CODE, 2006 EDITION
- NATIONAL ELECTRICAL CODE, 2008 EDITION

IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL.

ACCESSIBILITY DISCLAIMER

THIS PROJECT IS AN UNDEVELOPED WIRELESS PCS TELECOMMUNICATIONS FACILITY AND, IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS.

SCALE

THE DRAWING SCALES SHOWN IN THIS SET REPRESENT THE CORRECT SCALE ONLY WHEN THESE DRAWINGS ARE PRINTED IN A 11"x17" FORMAT. IF THIS DRAWING SET IS NOT 11"x17", THIS SET IS NOT TO SCALE.

JRA
 Jeffrey Bone & Associates, Inc.
 Architecture & Communications
 1 San Joaquin Plaza, Suite 750
 Hemet, CA 92343
 Phone: (951) 768-3828
 Fax: (951) 768-3851

PROPRIETARY INFORMATION
 THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE, OTHER THAN THAT WHICH RELATES TO AT&T WIRELESS, IS STRICTLY PROHIBITED.



3743 Howard Hughes Parkway, Suite 200
 Las Vegas, Nevada 89161

PROJECT NAME

SUMMERLIN LIBRARY

PROJECT NUMBER
 LSVGNVL354 LTE

1771 INNER CIRCLE DRIVE
 LAS VEGAS, NEVADA 89134

DRAWING DATES
 02/02/11 PRELIM CD REVIEW (01-01)
 03/02/11 100% FINAL CD'S (01-02)

SHEET TITLE

TITLE SHEET

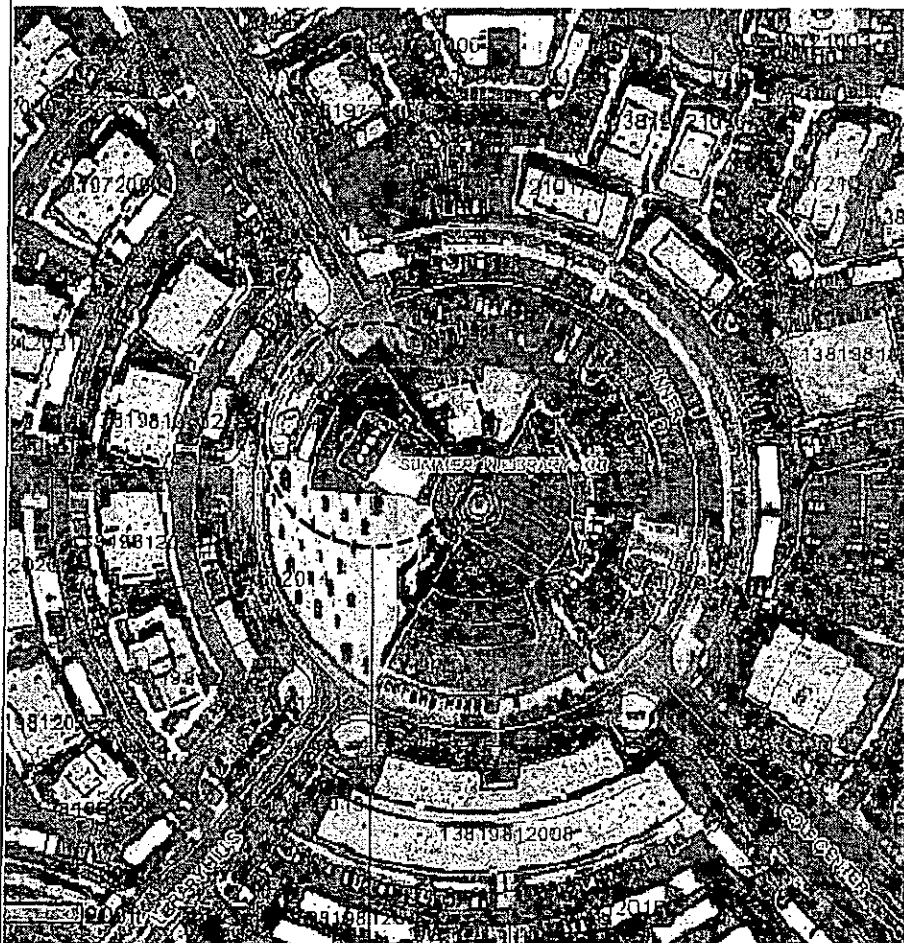
T001

GENERAL SPECIFICATIONS

[illegible]

SITE PLAN KEYNOTES

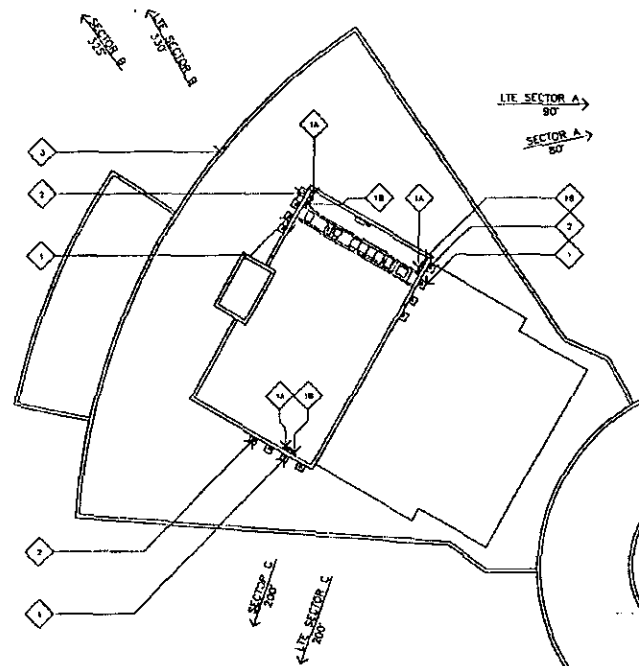
- (1) AT&T LEASE AREA SEE DETAIL 1/A001.



ENLARGED SITE PLAN KEYNOTES

- (1) AT&T LTE ANTENNAS TO REPLACE (1) LTE ANTENNAS MOUNTED TO (1) BUILDING SEE DETAIL 1/A001.
- (2) AT&T LTE ANTENNAS MOUNTED ON (1) EXISTING BENTON (1) PERMIT WALL SEE DETAIL 1/A001.
- (3) AT&T LTE ANTENNAS MOUNTED ON (1) EXISTING BENTON (1) PERMIT WALL SEE DETAIL 1/A001.
- (4) AT&T LTE ANTENNAS MOUNTED ON (1) EXISTING BENTON (1) PERMIT WALL SEE DETAIL 1/A001.
- (5) AT&T LTE ANTENNAS MOUNTED ON (1) BUILDING.

* All antennas must be behind ex. screen boxes



SITE PLAN

SCALE:
1"=60'



2

ENLARGED SITE PLAN

SCALE:
1/16"=1'-0"



1

JRA

Jeffrey R. Associates, Inc.

Architecture & Telecommunications
1 San Joaquin Plaza, Suite 200
Fremont, California 94555
Phone: (415) 746-1275
Fax: (415) 746-9131

PROPRIETARY INFORMATION

The information contained in this set of construction documents is proprietary of JRA. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH IS RELATED TO THE PROJECT FOR WHICH IT WAS PREPARED IS STRICTLY PROHIBITED.



PREPARED FOR



3783 Howard Hughes Parkway, Suite 200
Las Vegas, Nevada 89169

PROJECT NAME

SUMMERLIN LIBRARY

PROJECT NUMBER

LSVGNVL354 LTE

1771 INNER CIRCLE DRIVE
LAS VEGAS, NEVADA 89134

DRAWING DATE

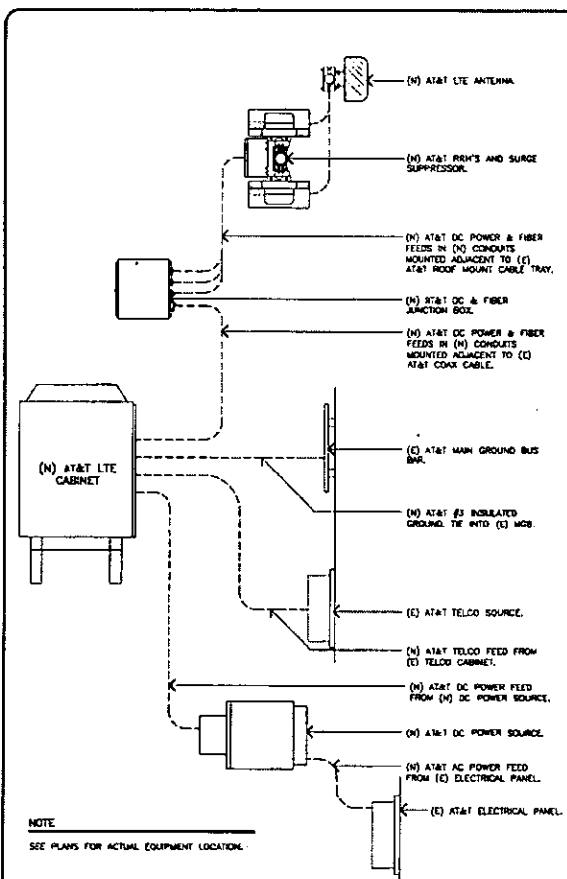
02/03/11 PRELIM CD REVIEW (P1-B)

03/23/11 100% FINAL CD'S (P1-B2)

SHEET TITLE

SITE PLANS

A001



EQUIPMENT DIAGRAM

SCALE: 3
NONE

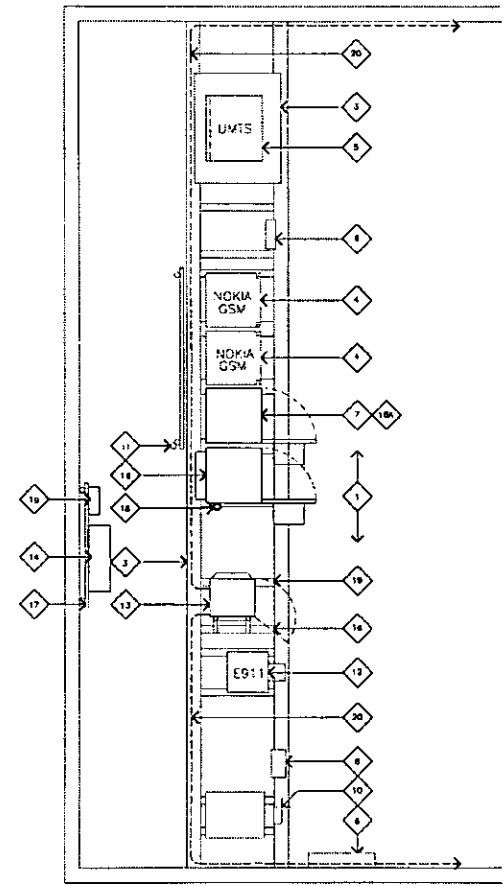
	EXISTING ANTENNA	EXISTING ANTENNA TO BE REMOVED	NEW ANTENNA	ANTENNA MODEL	ANTENNA ORIENTATION	DISTANCE FOR COAX AND FIBER (± 5')
SECTOR A	4	1	1	KATHREIN 800-107866	80°	20'
SECTOR B	4	1	1	KATHREIN 800-107866	325°	20'
SECTOR C	4	1	1	KATHREIN 800-107866	200°	20'

ANTENNA SCHEDULE

SCALE: 2
NONE

EQUIPMENT ROOF PLAN KEYNOTES

- 1 (C) AT&T EQUIPMENT AREA.
- 2 (C) STEEL PLATFORM.
- 3 (C) 1/2" THICK STEEL PLATE.
- 4 (C) NOKIA GSM EQUIPMENT CABINETS.
- 5 (C) UNITS CABINET.
- 6 (C) AT&T TELCO CABINET.
- 7 (C) AT&T MUSS CABINET TO BE REMOVED.
- 8 (C) AT&T MTS.
- 9 (C) AT&T ELECTRICAL PANEL.
- 10 (C) AT&T ELECTRICAL DISCONNECT.
- 11 (C) E911 OPS ANTENNA.
- 12 (C) E911 CABINET.
- 13 (C) AT&T LTE RACK; SEE SHEET A007.
- 14 (C) AT&T SPOOL BOX.
- 15 (C) DC SURGE ARRESTOR; SEE DETAIL 3/A008.
- 16 (C) ARGLIS POWER CABINET TO REPLACE (13) NOKIA MUSS CABINET; SEE DETAIL 1/A010.
- 16A (C) ARGLIS BATTERY CABINET; SEE DETAIL 2/A010.
- 17 (C) AT&T V-FRAME.
- 18 (C) AT&T OPS ANTENNA MOUNTED ON EQUIPMENT CABINET; SEE DETAIL 3/A008.
- 19 (C) EQUIPMENT CABINET SUPPORT BEAM; SEE DETAIL 3/A008.
- 20 (C) FIBER AND DC CONDUITS MOUNTED TO (C) PARAPET ADJACENT TO (C) GDR.

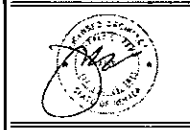


EQUIPMENT ROOF PLAN

SCALE: 1
3/8"=1'-0" 0 1' 2' 3'

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PREPARED FOR
at&t
3763 Howard Hughes Parkway, Suite 200
Las Vegas, Nevada 89169

PROJECT NAME
SUMMERLIN LIBRARY
PROJECT NUMBER
LSVGNVL354 LTE
1771 INNER CIRCLE DRIVE
LAS VEGAS, NEVADA 89134

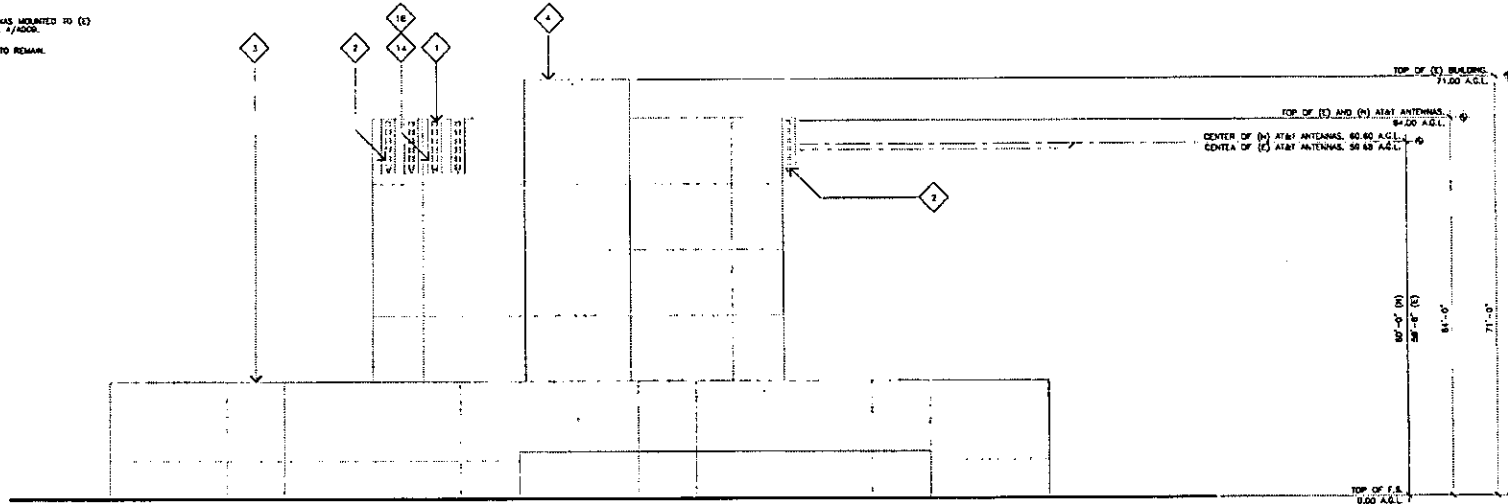
DRAWING DATES
02/03/11 PRELIM (D REVISION (P1-B1))
01/23/11 100% FINAL (D1-B1)

SHEET TITLE
EQUIPMENT FLOOR PLAN

A003

ELEVATION KEYNOTES

- 1 (N) AT&T LTE ANTENNAS MOUNTED TO (E) BUILDING. SEE DETAIL A/ROOF.
- 2 (E) AT&T ANTENNAS TO REMAIN.
- 3 (E) BUILDING.
- 4 (E) PENTHOUSE.

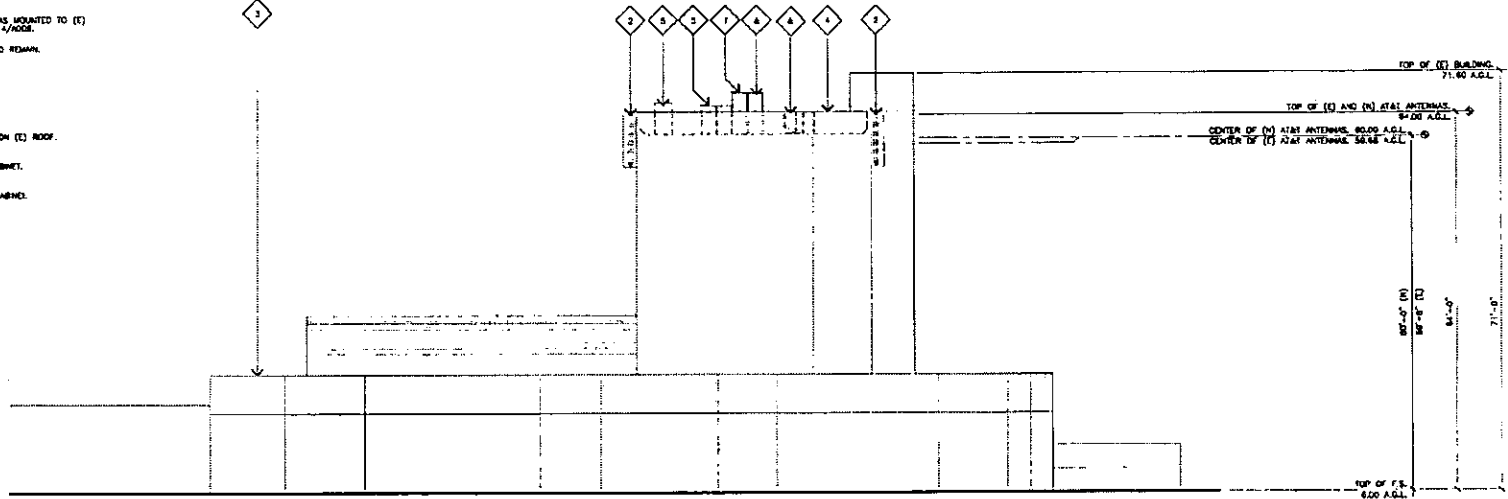


WEST ELEVATION

SCALE: 1"=10' 0 5' 10' 2

ELEVATION KEYNOTES

- 1 (N) AT&T LTE ANTENNAS MOUNTED TO (E) BUILDING. SEE DETAIL A/ROOF.
- 2 (E) AT&T ANTENNAS TO REMAIN.
- 3 (E) BUILDING.
- 4 (E) PENTHOUSE.
- 5 (E) AT&T EQUIPMENT ON (E) ROOF.
- 6 (N) ARJOS POWER CABINET.
- 7 (N) ARJOS BATTERY CABINET.
- 8 (N) AT&T LTE BACK.



NORTH ELEVATION

SCALE: 1"=10' 0 5' 10' 1

THIS SHEET IS NOT VALID FOR ANY OF THE ABOVE LISTED STATES

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PREPARED FOR
at&t
2783 Howard Hughes Parkway, Suite 200
Las Vegas, Nevada 89134

PROJECT NAME
SUMMERLIN LIBRARY
PROJECT NUMBER
LSVGNVLS4 LTE
1771 INNER CIRCLE DRIVE
LAS VEGAS, NEVADA 89134

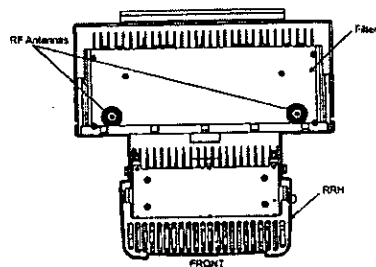
DRAWING DATES
02/03/11 PRELIM CD REVIEW (P1-B1)
03/03/11 100% FINAL CD'S (P1-B2)

SHEET TITLE

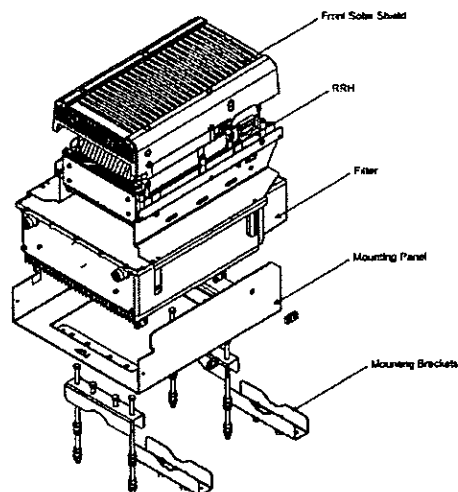
ELEVATIONS

A004

Top view of the RRH 700 MHz:



The following figure shows the complete RRH assembled with solar shield and mounting brackets.



TOP VIEW OF THE RRH

SCALE:
NONE

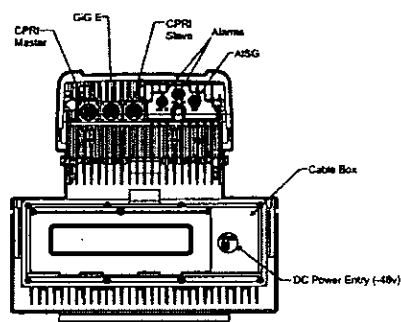
4

COMPLETE RRH ASSEMBLY

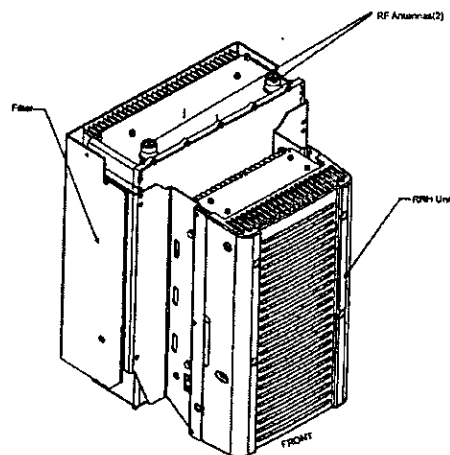
SCALE:
NONE

2

Bottom view of the RRH 700 MHz:



The following figure shows the front external view of the 700 MHz RRH.



Standard RRH weights and dimensions

The following table provides weights and dimensions for the RRHs.

RRH configuration	Estimated maximum shipped weight including pallet (kg (lb.))	Estimated maximum installed weight without mounting brackets (kg (lb.))	Overall dimensions with a depth x height (inches)
RRH 700 MHz w/ Solar Shield	38.1 (85)	20 (44)	320 x 184 x 732 (12.6 x 7.3 x 28.8)

Notes:

1. Dimensions are including mounting bracket, solar shield and connectors.

Miscellaneous hardware weights

The following table provides approximate weights for other miscellaneous hardware.

Item	Weight (kg (lb.))
Pallet	17.5 (39.3)
Shipping box	4.4 (10.3)
Wall bracket (RRH)	4.1 (9)
Pole brackets (2) (standard)	7.7 (16)
Pole Brackets (2)	1.8 (4)
Pole Brackets (Low Profile)	1.8 (4)
Cable Box	

BOTTOM VIEW OF THE RRH

SCALE:
NONE

3

RRH FRONT-VIEW (EXTERNAL)

SCALE:
NONE

1

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PREPARED FOR



3763 Howard Hughes Parkway, Suite 200
Las Vegas, Nevada 89109

PROJECT NAME

SUMMERLIN LIBRARY

PROJECT NUMBER

LSVGNVLS54 LTE

1221 INNER CIRCLE DRIVE
LAS VEGAS, NEVADA 89134

DRAWING DATES

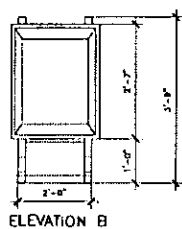
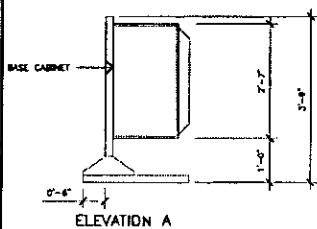
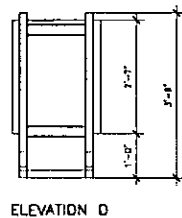
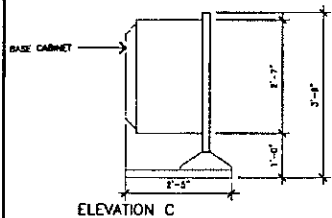
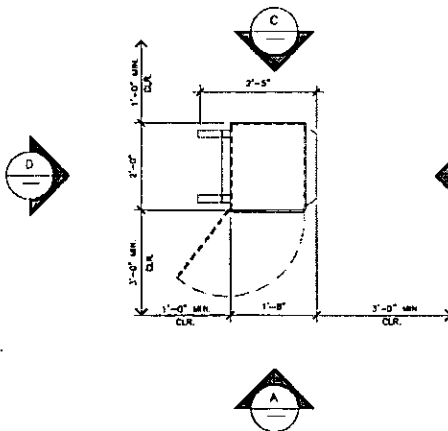
02/02/11 PRELIM CD REVIEW (P1-P1)

03/02/11 100% FINAL CD'S (P1-P2)

SHEET TITLE

RRH SPECIFICATIONS

A006



EQUIPMENT ANCHORAGE

SCALE:
NONE

3

GENERAL NOTES

SCALE:
NONE

2

(M) AT&T LTE EQUIPMENT CABINET.

(N) 1/2" x 4" MULTI-KING BOLT 12
STAINLESS ANCHOR IN CONCRETE.
SPECIAL INSPECTION REQUIRED. 3"
PENETRATION (ESR-1917).

(O) LTE RACK BASE.

(K) CONCRETE SLAB.

EQUIPMENT FLOOR PLAN GENERAL NOTES

- A CONTRACTOR TO PROVIDE ALL COAX CABLE AND JUNCTIONS WHERE REQUIRED AND CONNECT TO (M) LTE CABINET.
- B CONTRACTOR TO RUN ALL CABLES AND LINES IN (C) CABLE TRAY. (C) TRAY NOT SHOWN FOR CLARITY OF PLAN VIEW.
- C CONTRACTOR TO PICK-UP AND DELIVER CABINET TO SITE INSIDE EQUIPMENT ROOM OR OUTSIDE AS SHOWN.
- D CONTRACTOR TO USE BASE PLUMB AS TEMPLATE FOR DRILLING (N) ANCHOR HOLES.
- E AT&T TO ORDER AND TEST ALL (N) 1/2" x 4" BOLT TO DETERMINE HOW MANY (N) 1/2" x 4" BOLT REQUIRED. CONTRACTOR TO FOLLOW (N) 1/2" x 4" BOLT TO DETERMINE HOW MANY (N) 1/2" x 4" BOLT REQUIRED.
- F CONTRACTOR TO PROVIDE AND CONNECT TO (M) LTE CABINET DRAINING CABLES AND INTEGRATE INTO THE (C) NETWORK UPON COMPLETION OF INTEGRATION CONTRACTOR SHALL OBTAIN THE (N) EQUIPMENT.
- G (N) AND OR (C) LINES CONNECTING TO LTE CABINET ARE SHOWN DIAGNOSTICALLY. CONTRACTOR TO RUN LINES IN CABLE LADDER NOT SHOWN FOR CLARITY.

THIS PROJECT IS FOR THE USE OF THE EQUIPMENT ROOMS

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3783 Howard Hughes Parkway, Suite 200

Las Vegas, Nevada 89139

PROJECT NAME

SUMMERLIN LIBRARY

PROJECT NUMBER

LSVGNVL354 LTE

1771 HAWK CIRCLE DRIVE

LAS VEGAS, NEVADA 89134

DRAWING DATES

02/03/11 PRELIM CD REVIEW (P1-B1)

03/23/11 100% FINAL CD'S (P1-B2)

SHEET TITLE

EQUIPMENT DETAILS

A007

9412 LTE ENODEB

SCALE:
NONE

4

NOT USED

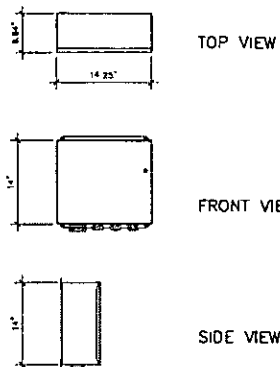
SCALE:
NONE

1

101544

RAYCAP FC12-PC5-10E CENTRAL FIBER OPTIC & DC POWER CONNECTION

SURGE SUPPRESSOR COLOR: LIGHT GRAY
 DIMENSIONS, INCHES: (14"x10.25"x6.8")
 WEIGHT, WITH PRE-MOUNTED BRACKETS: 20.55 lbs
 WIND LOAD, FRONTAL/LATERAL/REAR: N/A lbs
 SIDE 149.8 mph, Cd=1:

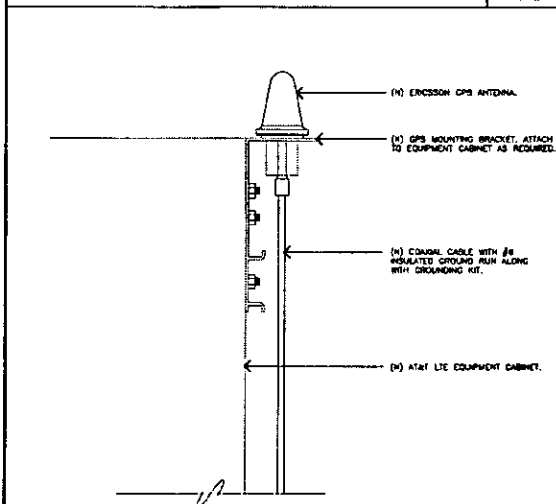


DC & FIBER JUNCTION BOX

SCALE:
NONE

6

NOT USED

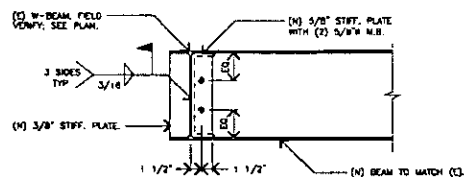


GPS ANTENNA MOUNT

SCALE:
NONE

5

BEAM TO BEAM



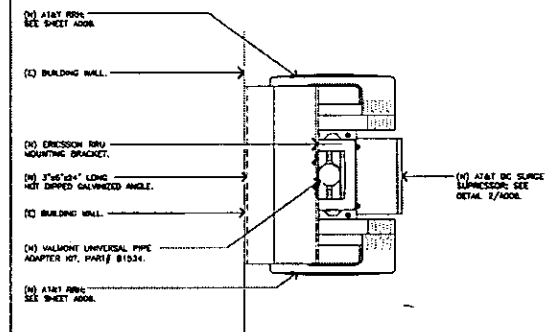
SCALE:
NONE

4

DC SURGE SUPPRESSION CABINET

SCALE:
NONE

2



SCALE:
NONE

3

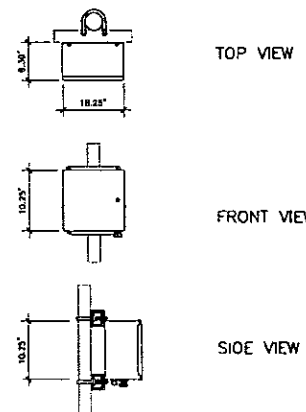
ANTENNA WITH EQUIPMENT DETAIL

SCALE:
NONE

1

RAYCAP DC2-48-60-0-9E DC SURGE SUPPRESSION SOLUTION

SURGE SUPPRESSOR COLOR: LIGHT GRAY
 DIMENSIONS, INCHES: (10.25"x10.25"x8.10")
 WEIGHT, WITH PRE-MOUNTED BRACKETS: 16 lbs
 WIND LOAD, FRONTAL/LATERAL/REAR: N/A lbs
 SIDE 149.8 mph, Cd=1:



THE PRICE INCLUDES 20% SET BY THE STATE ENGINEERING BOARD

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 1763 Howard Hughes Parkway, Suite 200
 Los Angeles, California 90019

PROJECT NAME
 SUMMERLIN LIBRARY
 PROJECT NUMBER
 LSVGNVL354 LTE
 1771 POWER CIRCLE DRIVE
 LAS VEGAS, NEVADA 89134

DRAWING DATES
 02/03/11 PRELIM CD REVIEW (P1-B1)
 03/03/11 100% FINAL CD'S (P1-B2)

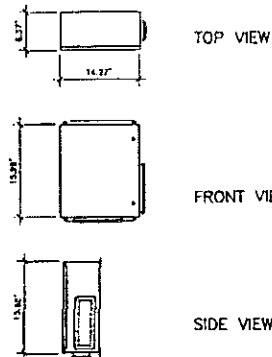
SHEET TITLE
 EQUIPMENT DETAILS

A008

JRA JOB NUMBER: 101544

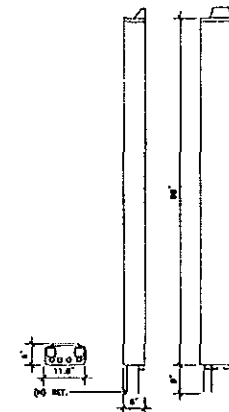
RAYCAP DC6-48-60-01B DC SURGE SUPPRESSION SOLUTION

SURGE SUPPRESSOR COLOR: LIGHT GRAY
 DIMENSIONS, INCHES (15.98" x 14.27" x 4.37")
 WEIGHT, WITH PRE-VOULDED BRACKETS: 14.1A lbs
 WIND LOAD, FRONTAL/LATERAL/REAR
 SIDE 140 E mph, G60-1; 14.1A lbs



KATHREIN 800-10766K

ANTENNA MATERIAL: RCP
 ANTENNA COLOR: LIGHT GRAY
 DIMENSIONS, INCHES: 24.58-300-152mm (96"x11.8"x7")
 WEIGHT: 61.7 lbs
 CONNECTION: (1) 1/16 DIN FEMALE



FOR THESE ANTENNAS FOR ANY OF THE VIEWS EXCEPT SUMS

JRA
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 Las Vegas, Nevada 89119

PROJECT NAME
SUMMERLIN LIBRARY
 PROJECT NUMBER
LSVGNV354 LTE
 1371 INNER CIRCLE DRIVE
 LAS VEGAS, NEVADA 89134

DRAWING DATES
 07/03/11 PRELIM ED REVIEW (P1-B1)
 08/12/11 EDC FINAL (P1-B2)

SHEET TITLE
EQUIPMENT DETAILS

A009

DC SURGE ARRESTOR CABINET

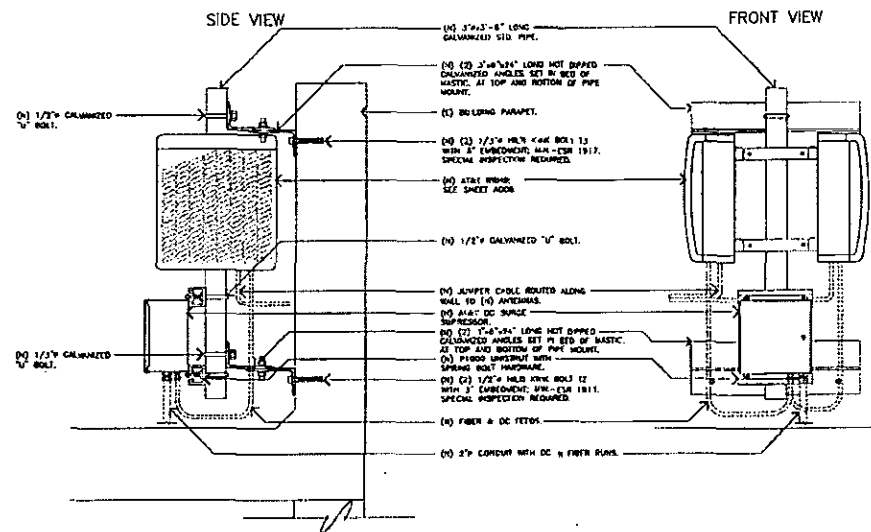
SCALE:
 NONE

3

ANTENNA SPECIFICATIONS

SCALE:
 NONE

2



** No excess jumper cables should be exposed.*

ANTENNA MOUNT

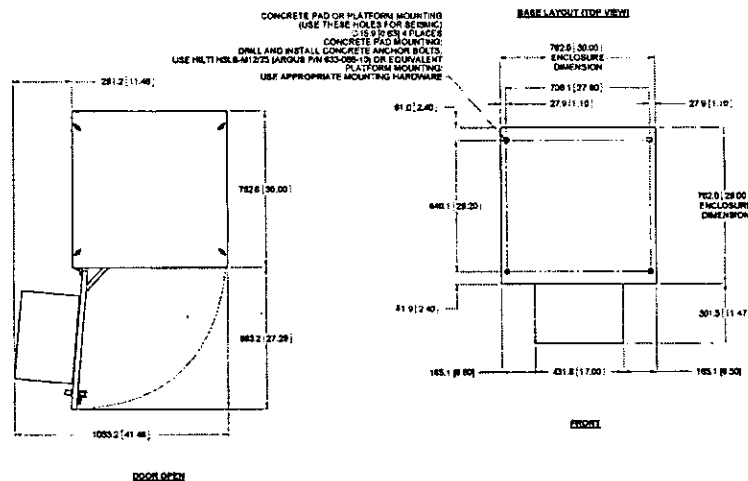
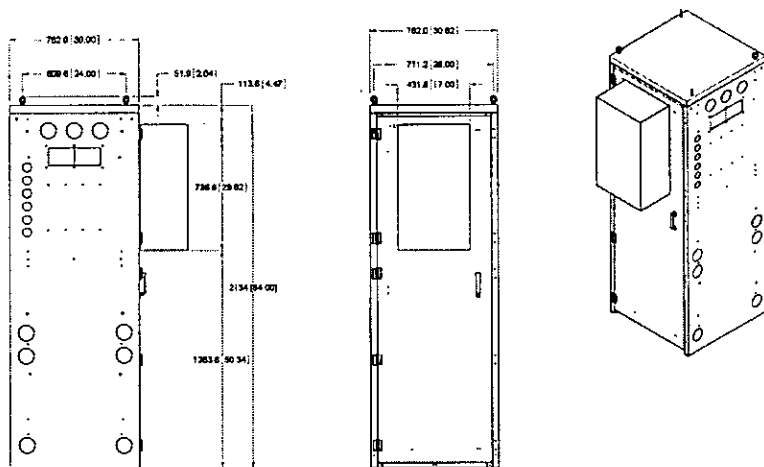
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4

SURGE ARRESTOR AND RRH MOUNT

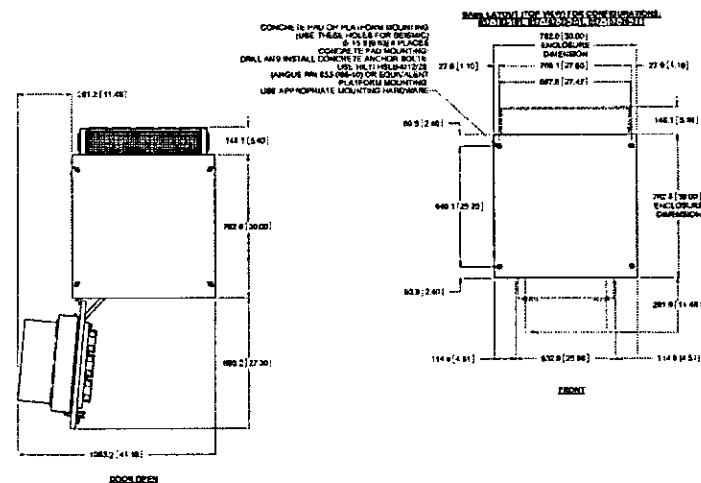
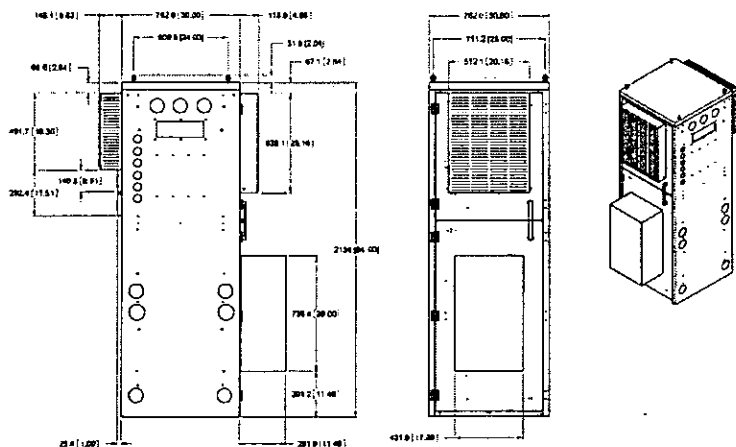
SCALE:
 NONE

1



ARGUS OUTDOOR BATTERY CABINET SPECIFICATIONS (TE40, 24V)

SCALE:
NONE 2



ARGUS OUTDOOR POWER CABINET SPECIFICATIONS (TE41, 48V)

SCALE:
NONE 1

THIS SPEC. RESERVED FOR USE OF ALL YEARS ELECTRIC SHOPS.

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Las Vegas, Nevada 89134

PROJECT NAME
SUMMERLIN LIBRARY

PROJECT NUMBER
LSVGHVLS4 LTE

1771 HAWTHORNE DRIVE
LAS VEGAS, NEVADA 89134

ISSUED DATES
02/03/11 PRELIM CD REVIEW (P1-01)
03/23/11 100% FINAL CDTS (P1-02)

SHEET TITLE

ARGUS CABINET
SPECIFICATIONS

A010