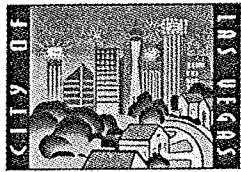


PLANNING & DEVELOPMENT



DEVELOPMENT SERVICES CENTER

731 S. Fourth Street
Las Vegas, NV 89101

Voice: 702-229-6301
Fax: 702-474-0352
TTY: 702-386-9108

www.lasvegasnevada.gov

February 18, 2010

Black & Veatch
Attn: Jason Frayer
323 Greenleaf Glen Street
Henderson, Nevada 89014

**RE: Cell Facility for AT&T Mobility (APN 139-33-311-001) located at
2020 Goldring Avenue: SDR-37308**

Dear Mr. Frayer:

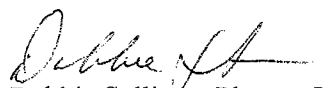
It has been determined that the removal and replacement of three (3) existing antennas (new antennas are 2.5 feet longer in length) on the rooftop of an existing building located at 2020 Goldring Avenue meets the standard for approval as defined in Title 19.04.040 and 19.20.020 of the Zoning Code of the city of Las Vegas, subject to the following.

1. Conformance to the submitted site plan and elevations date-stamped February 1, 2010.
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

Current Planning Division
Planning & Development Department

Mayor
Oscar B. Goodman

City Council
Gory Reese
(Mayor Pro Tem)
Steve Wolfson
Lois Tarkanian
Steven D. Ross
Ricki Y. Barlow
Stovros S. Anthony
City Manager
Elizabeth N. Fretwell





PLANNING & DEVELOPMENT DEPARTMENT

APPLICATION / PETITION FORM

Application/Petition For: Modification to switch out 3 existing antennas for 3 new antennas
Project Address (Location) 2020 Goldring Ave.
Project Name L-038 Shadow Lane Proposed Use Wireless/Telecom
Assessor's Parcel #(s) 139-33-311-001 Ward # 5
General Plan: existing PD proposed N/A Zoning: existing PD proposed N/A
Commercial Square Footage N/A Floor Area Ratio N/A
Gross Acres 19.84 Lots/Units n/a Density n/a
Additional Information n/a

PROPERTY OWNER VALLEY HEALTH SYSTEM ☒ Contact Caroline Chavez
managed by Ensemble RE Services
Address 2020 Goldring Ave #201 Phone: (702) 216-2370 Fax: (702) 562-7599
City Las Vegas State Nevada Zip 89106

APPLICANT AT&T Mobility Contact Jason Frayer
Address 6 Sunset Way B108 Phone: (702) 460-8926 Fax: (702) 614-4650
City Henderson State Nevada Zip 89014

REPRESENTATIVE Black & Veatch Contact Jason Frayer
Address 323 Greenleaf Glen Street Phone: (702) 460-8926 Fax: (702) 614-4650
City Henderson State Nevada Zip 89014

Property Owner Signature*

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

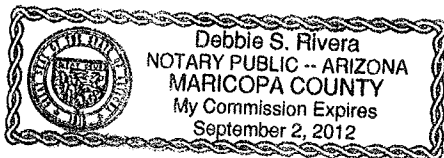
Print Name Randy McGraw

Subscribed and sworn before me

This 7th day of January, 2010

Debbie S. Rivera

Notary Public in and for said County and State



Revised 04/26/05

FOR DEPARTMENT USE ONLY

Case #	<u>SDR- 37308</u>
Meeting Date:	<u>3/25/10</u>
Total Fee:	<u>\$500.00</u>
Date Received:	<u>2/1/10</u>
Received By:	<u>[Signature]</u>

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

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

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FEB 01 2010



January 29, 2010

City of Las Vegas
Planning & Development
731 S. 4th Street
Las Vegas, Nevada 89101
(702) 229-6301

RE: AT&T Mobility Project LSVG NVL038 Shadow Lane 2020 Goldring
APN# 139-33-401-002

To Planning and Development:

AT&T Mobility is asking for the following to be reviewed by the City of Las Vegas Planning Department for AT&T project L-038 Shadow Lane located at 2020 Goldring Drive. The site has already several communications facilities on the rooftop and AT&T believes that the impact of changing out three antennas for new antennas is minimal.

- What AT&T is seeking to complete is an upgrade to the cell site to allow for greater use and expanded technology. As you can see from the photo simulations and the plans, AT&T looks to replace three (3) existing antennas (one each sector) with three (3) new antennas is to be located in the same place as the existing ones on the penthouse of the building. The only difference is the new antennas are approximately two and a half (2.5') feet longer than the existing antennas.
- AT&T cannot lower the bottom of the antennas to bring the top of the new antenna in line with the existing antennas because the existing equipment on the rooftop would block the signal and cause interference. This is a rooftop with various carriers already located there and utilities space without erecting a new tower.
- There are no changes to the operating equipment located on the roof of the building and the minor changes to the antennas will not be noticed by the general public. The new antenna will be painted to match the existing building (as stated on the plans), as to fade into the background as the existing equipment does.

AT&T believes that this minor modification will not be detrimental to the surrounding area or the building. It is in an area away from the general public, generally going unnoticed by the public at large and necessary for the increased operations of AT&T's telecommunications facility coverage necessities. This is but one carrier on the roof of the building that houses 3 or 4 additional carriers.

Please let me know if the City of Las Vegas has any questions or comments for AT&T's project LSVG NVL038 Shadow Lane.

Thanks,
Jason Frayer
702-460-8926

Jason.Frayer@cox.net
Contractor for AT&T Mobility

702-460-8926 Office 6 Sunset Way Suite B108 702-614-4650 Fax Henderson, Nevada 89014



at&t

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FEB 01 2010

ENSEMBLE REAL ESTATE SERVICES, INC.**Business Entity Information**

Status:	Active	File Date:	12/16/2008
Type:	Foreign Corporation	Entity Number:	E0761972008-7
Qualifying State:	AZ	List of Officers Due:	12/31/2010
Managed By:		Expiration Date:	
NV Business ID:	NV20081467224	Business License Exp:	12/31/2010

Registered Agent Information

Name:	CSC SERVICES OF NEVADA, INC.	Address 1:	502 EAST JOHN STREET
Address 2:		City:	CARSON CITY
State:	NV	Zip Code:	89706
Phone:		Fax:	
Mailing Address 1:		Mailing Address 2:	
Mailing City:		Mailing State:	NV
Mailing Zip Code:			
Agent Type:	Commercial Registered Agent - Corporation		
Jurisdiction:	NEVADA	Status:	Active

Financial Information

No Par Share Count:	100,000.00	Capital Amount:	\$ 0
No stock records found for this company			

Officers☐ Include Inactive Officers**President - KAMBIZ BABAOFF**

Address 1:	4722 N. 24TH STREET	Address 2:	SUITE 400
City:	PHOENIX	State:	AZ
Zip Code:	85016	Country:	USA
Status:	Active	Email:	

Director - KAMBIZ BABAOFF

Address 1:	4722 N. 24TH STREET	Address 2:	SUITE 400
City:	PHOENIX	State:	AZ
Zip Code:	85016	Country:	USA
Status:	Active	Email:	

President - RANDY P MCGRANE

Address 1:	4722 N. 24TH STREET	Address 2:	SUITE 400
City:	PHOENIX	State:	AZ
Zip Code:	85016	Country:	USA
Status:	Active	Email:	

Director - RANDY P MCGRANE

Address 1:	4722 N. 24TH STREET	Address 2:	SUITE 400
City:	PHOENIX	State:	AZ
Zip Code:	85016	Country:	USA
Status:	Active	Email:	

Secretary - WILLIAM E MOLLOY

Address 1:	4722 N. 24TH STREET	Address 2:	SUITE 400
------------	---------------------	------------	-----------

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FEB 01 2010

AMT. R.P.T.T. \$ 18,375⁰⁰

(2)

GRANT, BARGAIN, SALE DEED

THIS INDENTURE WITNESSETH: That

UHS LAS VEGAS PROPERTIES, INC., A Nevada Corporation

FOR A VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, do es hereby Grant, Bargain, Sell and Convey to

VALLEY HEALTH SYSTEM, L.L.C., A DELAWARE LIMITED LIABILITY COMPANY

all that real property situated in the City of LAS VEGAS County of Clark
State of Nevada, bounded and described as follows: effective as of 11:59 pacific standard time
January 31, 1998

SEE EXHIBIT "A" ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF
FOR LEGAL DESCRIPTION.

Assessor's Parcel No: 139-33-401-002 139-31-110-011

SUBJECT TO:

1. Taxes for this current fiscal year, not due or delinquent and any and all taxes and assessments levied or assessed after the recording date of this document. This will include the lien of supplemental taxes, if any.
2. Restrictions, conditions, reservations, rights, rights of way and easements, now of record (if any) affecting the use and occupancy of this property as the same may now appear of record.

Together with all and singular tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

Witness my hand this 29th day of January, 19 98
to be effective as of 11:59 pacific standard time Jan.31, 1998
UHS LAS VEGAS PROPERTIES, INC.

BY: *Bruce Gilbert*
BRUCE GILBERT, SECRETARY/VICE PRES.

STATE OF NEVADA)

COUNTY OF CLARK)

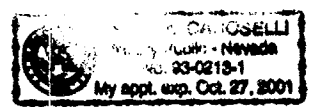
This instrument was acknowledged before me on

1-29-98 by (name(s))
of person(s) BRUCE GILBERT
as (type of authority, e.g., officer, trustee, etc.)
VICE PRESIDENT / SECRETARY
of (name of party on behalf of whom instrument was executed)
UHS LAS VEGAS PROPERTIES, INC.

Debra K. Carroll
(Signature of notarial officer)

(Seal)

LVN 30-A



ESCROW NO.) 183099-DJG
ORDER NO.) 183099-DJG
WHEN RECORDED MAIL TO: VALLEY HEALTH SYSTEM, L.L.C.,
NV c/o Wright Judd & Winckler, 302 E. Carson,
Las Vegas, NV 89101

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Legal Description

Situate in the County of Clark, State of Nevada described as follows:

The West 81.66 feet of the East 236.66 feet of the North Half (N 1/2) of the Northwest Quarter (NW 1/4) of the Southwest Quarter (SW 1/4) of Section 33, Township 20 South, Range 61 East, M.D.B. & M., less the South 30.0 feet thereof.

The West 81.66 feet of the East 318.32 feet of the North Half (N 1/2) of the Northwest Quarter (NW 1/4) of the Southwest Quarter (SW 1/4) of Section 33, Township 20 South, Range 61 East, M.D.B. & M., less the South 30.0 feet thereof.

The West 81.67 feet of the East 399.99 feet of the North Half (N 1/2) of the Northwest Quarter (NW 1/4) of the Southwest Quarter (SW 1/4) of the Southwest Quarter (SW 1/4) of Section 33, Township 20 South, Range 61 East, M.D.B. & M., less the South 30.0 feet thereof.

Lot Twelve (12) Sutter Hill Subdivision, as shown by map thereof on file in Book 23 of Plats, page 18, in the Office of the County Recorder of Clark County, Nevada.

CLARK COUNTY, NEVADA
JUDITH A. VANDEVER, RECORDER
RECORDED AT REQUEST OF:
LAND TITLE OF NEVADA

01-30-98 10:27 JMK 2
BOOK: 980130 INST: 01167
FEE: 8.00 RPTT: 18.375.00

EXISTING



L-038 MOD
Shadow Lane
2020 Goldring Ave.
Las Vegas, NV 89106

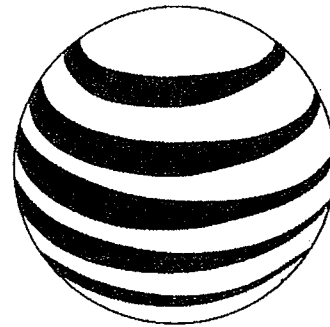


Proposed antenna to replace existing antenna



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Photosimulation of proposed telecommunications site

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at&t

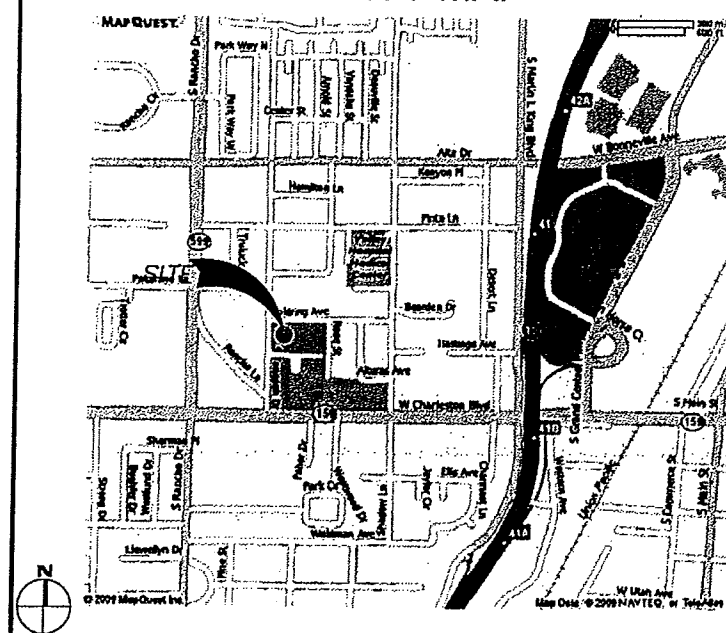
SHADOW LANE 2020 GOLDRING AVENUE LAS VEGAS, NEVADA 89106 L-038 MOD

SPECIAL INSPECTIONS

- | | |
|--|--|
| 1. CONCRETE | 13.1. VERIFY SOIL CONDITIONS ARE SUBSTANTIALLY IN CONFORMANCE WITH THE SOIL INVESTIGATION REPORT |
| 2. BOLTS INSTALLED IN CONCRETE | 13.2. VERIFY THAT FOUNDATION EXCAVATIONS EXTEND TO PROPER DEPTH AND BEARING STRATA |
| 3. CONCRETE MOMENT-RESISTING SPACE FRAME | 13.3. PROVIDE SOIL COMPACTION TEST RESULTS, DEPTH OF FILL, RELATIVE DENSITY, BEARING VALUES |
| 4. REINFORCING STEEL AND PRESTRESSING STEEL | 13.4. PROVIDE SOIL EXPANSION TEST RESULTS, EXPANSION INDEX, RECOMMENDATIONS FOR FOUNDATIONS, ON-GRADE FLOOR SLAB DESIGN FOR EACH BUILDING SITE |
| 5.1. ALL STRUCTURAL WELDING | 14. SMOKE CONTROL SYSTEM |
| 5.2. WELD TESTING DUCTILE MOMENT-RESISTING STEEL FRAME | 15. SPECIAL CASES (DESCRIBE) |
| 5.3. WELDING REINFORCING STEEL | 16. OFF-SITE FABRICATION OF BUILDING COMPONENTS |
| 6. HIGH-STRENGTH BOLTING | 17. OTHER SPECIAL INSPECTIONS AS REQUIRED BY DESIGNER |
| 7. STRUCTURAL MASONRY | |
| 8. REINFORCED GYPSUM CONCRETE | |
| 9. INSULATING CONCRETE FILL | |
| 10. SPRAY-APPLIED FIREPROOFING | |
| 11. DEEP FOUNDATIONS (PILING, DRILLED & CAISSONS) | |
| 12. SHOTCRETE | |

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

VICINITY MAP



CONSULTANT TEAM

CLIENTS REPRESENTATIVE:

BLACK & VEATCH
6 SUNSET WAY
SUITE: B108
HENDERSON, NEVADA 89014
PHONE: (702) 217-7794
CONTACT: MICHELLE USHER

ARCHITECT:

JEFFREY ROME & ASSOCIATES
3 SAN JOAQUIN PLAZA
SUITE: 155
NEWPORT BEACH, CALIFORNIA 92660
PHONE: (949) 760-3929
FAX: (949) 760-3931
CONTACT: JEFFREY ROME

STRUCTURAL ENGINEER:

WIRELESS STRUCTURES CONSULTING, PC
2734 PROMINENT COURT SOUTH
SALEM, OREGON 97302
PHONE: (503) 587-0101
FAX: (503) 316-1864
CONTACT: ADRIAN McJUNKIN

DEVELOPMENT SUMMARY

APPLICANT: AT&T WIRELESS
3763 HOWARD HUGHES PARKWAY, SUITE 200
LAS VEGAS, NEVADA 89169

LAND OWNER: COUNTY OF CLARK
500 SOUTH GRAND CENTRAL PARKWAY
LAS VEGAS NEVADA 89155

OTHER ON-SITE TELECOM FACILITIES: VERIZON, SPRINT & CRICKET
ASSESSORS PARCEL NUMBER: 139-334-10-004
EXISTING ZONING: PD
PROPOSED PROJECT AREA: NO INCREASE IN PROJECT AREA
EXISTING TYPE OF CONSTRUCTION: TYPE I, SPRINKLERED
PROPOSED TYPE OF CONSTRUCTION: TYPE I, SPRINKLERED
EXISTING OCCUPANCY: U-2
PROPOSED OCCUPANCY: U-2
JURISDICTION: CITY OF LAS VEGAS

PROJECT DESCRIPTION

AT&T WIRELESS PROPOSES TO MODIFY AN EXISTING SITE. THE SCOPE WILL CONSIST OF THE FOLLOWING:

- REMOVE 3 (E) ANTENNAS.
- INSTALL 3 (N) ANTENNAS.

SHEET INDEX

T-1 TITLE SHEET
T-2 SPECIFICATIONS AND NOTES
A-1 SITE PLANS
A-2 EQUIPMENT FLOOR PLAN
A-3 ELEVATIONS
A-3.1 ELEVATIONS
A-4 DETAILS
RF-1 RF-SITE DESIGN
RF-2 RF-SITE DESIGN
RF-3 RF-SITE DESIGN
RF-4 RF-SITE DESIGN
RF-5 RF-SITE DESIGN

APPLICABLE CODES

ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:

INTERNATIONAL BUILDING CODE, 2006 EDITION
CLARK COUNTY FIRE CODE, 2005 EDITION
SOUTHERN NEVADA AMENDMENTS TO THE 2006 IBC
INTERNATIONAL PLUMBING CODE, 2006 EDITION
INTERNATIONAL MECHANICAL CODE, 2006 EDITION
NATIONAL ELECTRICAL CODE, 2005 EDITION

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

ACCESSIBILITY DISCLAIMER

THIS PROJECT IS AN UNOCCUPIED 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 Rome & Associates, Inc.

Architecture & Telecommunications
3 San Joaquin Plaza, Suite 155
Newport Beach, California 92660
Phone: (949) 760-3929
Fax: (949) 760-3931

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.



PREPARED FOR



3763 Howard Hughes Parkway, Suite 200
Las Vegas, Nevada 89169

APPROVALS

R.F. _____

ZONING _____

CONSTRUCTION _____

SITE ACQUISITION _____

OWNER APPROVAL _____

PROJECT NAME

SHADOW LANE

PROJECT NUMBER

L-038 MOD
2020 GOLDRING AVENUE
LAS VEGAS, NEVADA 89106

CITY OF LAS VEGAS

DRAWING DATES

09/09/09 PRELIM CD REVIEW (P1-B1)

SHEET TITLE

TITLE SHEET

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T-1

GENERAL SPECIFICATIONS

- THE LATEST EDITION OF THE AMERICAN INSTITUTE OF ARCHITECTS DOCUMENT "01" GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION" ARE JUDGED IN THESE SPECIFICATIONS AS IF COMPLETELY REPRODUCED HEREIN.
- THIS FACILITY IS AN UNOCCUPIED PCS TELECOMMUNICATIONS SITE AND IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS.
- PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTORS PARTICIPATING SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH ALL FIELD CONDITIONS AFFECTING THE PROPOSED PROJECT INCLUDING DEMOLITION, ELECTRICAL, MECHANICAL AND STRUCTURAL INSTALLATIONS, AS WELL AS WITH THE CONSTRUCTION AND CONTRACT DOCUMENTS AND SHALL CONFIRM THAT THE PROJECT CAN BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. SHOULD ANY ERRORS, OMISSIONS, OR DISCREPANCIES BE FOUND, THE GENERAL CONTRACTOR SHALL IMMEDIATELY NOTIFY CINGULAR WIRELESS CONSTRUCTION MANAGER AND THE ARCHITECT IN WRITING. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL INCLUDE THE MORE COSTLY OR EXTENSIVE WORK IN THE BID, UNLESS SPECIFICALLY DIRECTED OTHERWISE. IF A DISCREPANCY EXISTS AND THE PROJECT MANAGER AND ARCHITECT ARE NOT NOTIFIED, THE GENERAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL COSTS INCURRED TO REPAIR OR CORRECT ALL PROBLEMS THAT RESULT.
- DRAWINGS SHALL NOT BE SCALED. THESE DRAWINGS ARE INTENDED TO BE DIAGRAMMATIC ONLY. FIGURED DIMENSIONS HAVE PRECEDENCE OVER SCALE DRAWINGS. CONTRACTOR SHALL CHECK ACCURACY OF ALL DIMENSIONS IN THE FIELD, UNLESS SPECIFICALLY NOTED, DO NOT FABRICATE ANY MATERIALS, OR BEGIN ANY CONSTRUCTION UNTIL THE ACCURACY OF DRAWING DIMENSIONS HAS BEEN VERIFIED AGAINST ACTUAL FIELD DIMENSIONS.
- THE CONTRACTOR SHALL INCLUDE IN HIS OR HER BID ALL MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE THE WORK AS INDICATED OR IMPLIED BY THESE DRAWINGS.
- CONTRACTOR SHALL NOTIFY THE CINGULAR WIRELESS CONSTRUCTION MANAGER, THE PROPERTY OWNER AND THE ARCHITECT IF ANY DETAILS ARE CONSIDERED IMPRACTICAL, UNSUITABLE, UNSAFE, NOT WATERPROOF, OR NOT WITHIN CUSTOMARY TRADE PRACTICE. IF WORK IS PERFORMED, IT WILL BE ASSUMED THAT THERE IS NO OBJECTION TO ANY DETAIL. DETAILS ARE INTENDED TO SHOW THE END RESULT OF THE DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB CONDITIONS, AND SHALL BE INCLUDED AS PART OF THE WORK.
- EXISTING ELEVATIONS AND LOCATIONS TO BE JOINED SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION. IF THEY DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE CINGULAR WIRELESS CONSTRUCTION MANAGER AND THE ARCHITECT SO THAT MODIFICATIONS CAN BE MADE BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL VERIFY ALL TELEPHONE & RADIO EQUIPMENT LAYOUTS, SPECIFICATIONS, PERFORMANCE, INSTALLATION AND FINAL LOCATIONS WITH CINGULAR WIRELESS CONSTRUCTION MANAGER PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH CINGULAR RADIO SYSTEMS.
- ALL SYMBOLS & ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED CONSTRUCTION STANDARDS. IF THE CONTRACTOR HAS QUESTIONS REGARDING THEIR EXACT MEANING, THE CINGULAR WIRELESS CONSTRUCTION MANAGER AND THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION BEFORE THE CONTRACTOR PROCEEDS WITH THE WORK.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR PERMITS, LICENSES AND INSPECTIONS NECESSARY FOR PERFORMANCE OF THE WORK AND INCLUDE THOSE IN THE COST OF THE WORK TO CINGULAR WIRELESS.
- THE CONTRACTOR SHALL PROVIDE CONTINUOUS SUPERVISION WHILE ANY SUBCONTRACTORS OR WORKMEN ARE IN THE SITE AND SHALL SUPERVISE AND DIRECT ALL WORK, USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES AND SEQUENCES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- WORKMANSHIP THROUGHOUT SHALL BE OF THE BEST QUALITY OF THE TRADE INVOLVED, AND SHALL MEET OR EXCEED THE FOLLOWING MINIMUM REFERENCE STANDARDS FOR QUALITY AND PROFESSIONAL CONSTRUCTION PRACTICE:

NRCA	NATIONAL ROOFING CONTRACTORS ASSOCIATION O'HARE INTERNATIONAL CENTER 10255 W. HIGGINS ROAD, SUITE 600 ROSEMONT, IL 60018
SWANNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION 4201 LAFAYETTE CENTER DRIVE CHATELAIN, VA 22021-1209
ILP	INTERNATIONAL INSTITUTE FOR LATH AND PLASTER 820 TRANSFER ROAD ST. PAUL, MN 55114-1406
- INSTALL ALL EQUIPMENT AND MATERIALS PER THE LATEST EDITION OF THE MANUFACTURER'S INSTALLATION SPECIFICATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- THE CONTRACTOR SHALL VERIFY, COORDINATE, AND PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING, HANGARS OR OTHER SUPPORTS FOR ALL ITEMS REQUIRING THE SAME.
- THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL GIVE ALL NOTICES AND SHALL COMPLY WITH ALL APPLICABLE LOCAL CODES, REGULATIONS, LAWS AND ORDINANCES AS WELL AS STATE DEPARTMENT OF INDUSTRIAL REGULATIONS AND DIVISION OF INDUSTRIAL SAFETY (OSHA) REQUIREMENTS.
- THE CONTRACTOR SHALL PROTECT THE PROPERTY OWNERS, AND CINGULAR WIRELESS PROPERTY FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION. ANY DAMAGE TO NEW AND EXISTING FINISHES, CONSTRUCTION, STRUCTURE, LANDSCAPING, CURBS, STAIRS, OR EQUIPMENT, ETC. SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF CINGULAR WIRELESS, AND THE PROPERTY OWNER'S REPRESENTATIVE, AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR, AND SHALL REPLACE OR REMEDY, ANY FAULTY, IMPROPER, OR INFERIOR MATERIALS OR WORKMANSHIP OR ANY DAMAGE WHICH SHALL APPEAR WITHIN ONE YEAR AFTER THE COMPLETION AND ACCEPTANCE OF THE WORK BY CINGULAR WIRELESS UNDER THIS CONTRACT.
- IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, OR CONTACT AN OUTSIDE AGENCY TO LOCATE ALL EXISTING UTILITIES, WHETHER SHOWN HEREIN OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSES FOR THE REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED IN CONJUNCTION WITH THE EXECUTION OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE PROJECT SITE WHILE THE JOB IS IN PROGRESS AND UNTIL THE JOB IS COMPLETED AND ACCEPTED BY CINGULAR WIRELESS.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY WATER, POWER AND TOILET FACILITIES AS REQUIRED BY THE PROPERTY OWNER, CINGULAR WIRELESS, AND THE CITY OR GOVERNING AGENCY.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REDLINING THE CONSTRUCTION DOCUMENTS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE. THIS SHALL BE DONE AFTER THE SITE HAS BEEN AWARDED FINAL INSPECTION BY THE RESPONSIBLE BUILDING AGENCY. ONE SET OF REDLINED DRAWINGS SHALL BE PROVIDED TO THE CINGULAR WIRELESS CONSTRUCTION MANAGER.
- THE LATEST EDITION OF ALL PERMITTED AND APPROVED PLANS PERTAINING TO THIS PROJECT SHALL BE KEPT IN A PLAN BOX AND SHALL NOT BE USED BY WORKERS. ALL CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION. THE CONTRACTOR SETS SHALL MAINTAIN IN GOOD CONDITION, ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDUM AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES. THESE ARE TO BE UNDER THE CARE OF THE JOB SUPERINTENDENT.
- THE CONTRACTOR SHALL REMOVE ALL RUBBISH AND WASTE MATERIALS ON A DAILY BASIS, EXCEPT FOR THAT SPECIFIED AS REMAINING THE PROPERTY OF THE BUILDING OR PROPERTY OWNER AND SHALL EXERCISE STRICT CONTROL OVER JOB CLEANING THROUGHOUT CONSTRUCTION, INCLUDING FINAL CLEAN-UP UPON COMPLETION OF WORK. ALL AREAS ARE TO BE LEFT IN A BROOM CLEAN CONDITION AT THE END OF EACH DAY AND VACUUM CLEAN CONDITION, FREE FROM PAINT SPOTS, DUST OR SMUDGES OF ANY NATURE AT COMPLETION OF WORK.
- THE GENERAL CONTRACTOR MUST PERFORM WORK DURING PROPERTY OWNER'S PREFERRED HOURS TO AVOID DISRUPTION OF NORMAL ACTIVITY.
- ALL EXPOSED METAL SHALL BE HOT-DIPPED GALVANIZED.
- SEAL ALL PENETRATIONS THROUGH FIRE-RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF AND WHERE APPLICABLE TO THIS FACILITY AND PROJECT SITE.
- PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF THE PROJECT AREA CONSTRUCTION.
- ELECTRICAL POWER SYSTEM SHALL BE GROUNDED PER NEC ARTICLES 250 AND 810.
- ALL NEW OPENINGS IN THE EXTERIOR ENVELOPE OF CONDITIONED SPACES SHALL BE AT WALL AND ROOF PENETRATIONS SHALL BE CAULKED OR SEALED TO LIMIT INFILTRATION OF AIR AND MOISTURE.
- UPON COMPLETION OF CONSTRUCTION, CINGULAR WIRELESS CONSTRUCTION MANAGER SHALL CONDUCT A WALK-THRU WITH PROPERTY OWNER OR REPRESENTATIVE OF PROPERTY OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SYSTEM EQUIPMENT IN A CLEAN WORKING ORDER UNTIL ACCEPTANCE OF THE PROJECT BY CINGULAR WIRELESS.
- INSTALL ALL EQUIPMENT AND MATERIALS PER THE LATEST EDITION OF THE MANUFACTURER'S INSTALLATION SPECIFICATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED, OR WHERE LOCAL CODES OR REGULATION TAKE PRECEDENCE.

ROOFING & WATERPROOFING NOTES

- CONTRACTOR SHALL CONTACT BUILDING OWNER TO DETERMINE IF ROOF IS UNDER WARRANTY. CONTRACTOR SHALL GUARANTEE THAT ANY AND ALL NEW ROOFING WORK MEETS THE SPECIFICATION OF ANY EXISTING ROOFING WARRANTIES SUCH THAT THE WARRANTY IS NOT MADE INVALID AS A RESULT OF THIS WORK. IF IT IS DETERMINED THAT THE ARCHITECT'S DETAILING IS INADEQUATE OR IMPROPER OR IF ANY OTHER DISCREPANCY IS FOUND, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND THE CINGULAR WIRELESS PROJECT MANAGER IN WRITING. ULTIMATELY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH THE ORIGINAL ROOF MANUFACTURER'S SPECIFICATIONS.
- CONTRACTOR SHALL USE METHODS AND MATERIALS SIMILAR AND COMPATIBLE WITH EXISTING MATERIALS & CONDITIONS FOR ROOF PATCHING, NEW PENETRATIONS, ETC.
- THE CONTRACTOR SHALL PROPERLY SEAL ALL NEW ROOF & BUILDING ENVELOPE PENETRATIONS SUCH THAT THE INTEGRITY OF THE ORIGINAL BUILDING ASSEMBLY AND ALL APPLICABLE WARRANTIES ARE MAINTAINED.
- IF IT DEEMED NECESSARY TO REMOVE EXISTING FINISHES AND/OR MATERIALS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONSTRUCTING FINISHES AND MATERIALS TO LIKE-NEW CONDITION. CONTRACTOR SHALL MAINTAIN THE ORIGINAL COLORS, TEXTURES & FINISHES UNLESS SPECIFICALLY NOTED TO THE CONTRARY OR APPROVED BY THE CINGULAR WIRELESS CONSTRUCTION MANAGER IN ADVANCE.
- AT THE CINGULAR WIRELESS CONSTRUCTION MANAGER'S DIRECTION, THE CONTRACTOR SHALL PROVIDE ROOFTOP WALKPADS TO ALL NEW EQUIPMENT INCLUDING ANTENNAS AND BTS UNITS AND ALONG COAX CABLE ROUTING. ON CONVENTIONAL ROOFING, THE WALK PADS SHALL BE "DUCK BOARDS" AS MANUFACTURED BY APC OR EQUAL. ON SPECIAL ROOFING SYSTEMS SUCH AS SINGLE MEMBRANE ROOFS WILL REQUIRE A SPECIFIC PRODUCT AS NOTED ON PLANS OR AS REQUIRED BY NOTES 1 & 2 ABOVE.

PENETRATION AT FIRE RATED ASSEMBLIES

- AT THE CINGULAR WIRELESS PROJECT MANAGER'S DIRECTION, THE CONTRACTOR SHALL PROVIDE "TIGHT" HIGH PERFORMANCE FIRESTOP SYSTEM #15601 AT ALL FIRE RATED PENETRATIONS INSTALLED PER MANUFACTURER'S LATEST INSTALLATION SPECIFICATIONS.
- ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE CONSTRUCTED SO AS TO MAINTAIN AN EQUAL OR GREATER FIRE RATING.

PAINTING NOTES & SPECIFICATIONS

- GENERAL
 - ALL PAINT PRODUCT LINES SHALL BE SHERWIN WILLIAMS UNLESS SPECIFICALLY NOTED OTHERWISE.
 - CONTRACTOR SHALL PREPARE ALL SURFACES AND APPLY ALL FINISHES PER LATEST EDITION OF MANUFACTURER'S SPECIFICATIONS.
 - COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS REGARDING SUFFICIENT DRYING TIME BETWEEN COATS WITH PROVISIONS AS RECOMMENDED BY MANUFACTURER FOR EXISTING WEATHER CONDITIONS.
 - FINISH COLOR AND TEXTURE OF ALL PAINTED SURFACES SHALL MATCH EXISTING ADJACENT SURFACES UNLESS OTHERWISE NOTED.
 - ALL PAINT MATERIAL DATA SHEETS SHALL BE PROVIDED TO THE CINGULAR WIRELESS CONSTRUCTION MANAGER.
 - PREPARE PREVIOUSLY PAINTED SURFACE BY LIGHT SANDING WITH 400 GRIT SANDPAPER AND NON-HYDROCARBON WASH. PREPARE GALVANIZED SURFACES BY ACID ETCH OR SOLVENT CLEANING IN ACCORDANCE WITH SSPC-SP1.
 - FURNISH DROP CLOTHES, SHIELDS, MASKING AND PROTECTIVE METHODS TO PREVENT SPRAY OR DROPPINGS FROM DAMAGING ADJACENT SURFACES AND FACILITIES.
 - APPLY PAINT BY AIRLESS SPRAY, SANDING LIGHTLY BETWEEN EACH SUCCEEDING ENAMEL COAT ON FLAT SURFACES. APPLY MATERIAL TO ACHIEVE A COATING NO THINNER THAN THE DRY FILM THICKNESS INDICATED.
 - APPLY BLOCK FILTER TO CONCRETE BLOCK CONSTRUCTION AT A RATE TO ENSURE COMPLETE COVERAGE WITH PORES COMPLETELY FILLED.
 - CONTRACTOR SHALL CORRECT RUINS, SACS, MISSES AND OTHER DEFECTS INCLUDING INADEQUATE COVERAGE AS DIRECTED BY THE CINGULAR WIRELESS CONSTRUCTION MANAGER. REPAINT AS NECESSARY TO ACHIEVE SURFACES WHICH ARE SMOOTH, EVENLY COATED WITH UNIFORM SHEEN AND FREE FROM BLEMISHES.
- PAINTING SCOPE
 - PAINT THE FOLLOWING MATERIALS AND SYSTEMS CHECKED BELOW WITH THE COATING SYSTEM INDICATED.

PAINTING SCOPE					
ITEM	SURFACE TO BE PAINTED	COATING SYSTEM	PAINT	DRY FILM THICKNESS	AREA
1	ALL EQUIPMENT & CHANNELS EXPOSED TO THE OUTSIDE	100% ACRYLIC	PRIMER - KEM AQUA E61-W525 TOPCOAT - COROTHANE II B65W200/B60V22	150 PPF	
2	ALL EQUIPMENT & CHANNELS EXPOSED TO THE OUTSIDE	100% ACRYLIC	PRIMER - KEM AQUA E61-W525 TOPCOAT - COROTHANE II B65W200/B60V22	150 PPF	
3	ALL EQUIPMENT & CHANNELS EXPOSED TO THE OUTSIDE	100% ACRYLIC	PRIMER - KEM AQUA E61-W525 TOPCOAT - COROTHANE II B65W200/B60V22	150 PPF	
4	ALL EQUIPMENT & CHANNELS EXPOSED TO THE OUTSIDE	100% ACRYLIC	PRIMER - KEM AQUA E61-W525 TOPCOAT - COROTHANE II B65W200/B60V22	150 PPF	
5	ALL EQUIPMENT & CHANNELS EXPOSED TO THE OUTSIDE	100% ACRYLIC	PRIMER - KEM AQUA E61-W525 TOPCOAT - COROTHANE II B65W200/B60V22	150 PPF	
6	ALL EQUIPMENT & CHANNELS EXPOSED TO THE OUTSIDE	100% ACRYLIC	PRIMER - KEM AQUA E61-W525 TOPCOAT - COROTHANE II B65W200/B60V22	150 PPF	
7	ALL EQUIPMENT & CHANNELS EXPOSED TO THE OUTSIDE	100% ACRYLIC	PRIMER - KEM AQUA E61-W525 TOPCOAT - COROTHANE II B65W200/B60V22	150 PPF	
8	ALL EQUIPMENT & CHANNELS EXPOSED TO THE OUTSIDE	100% ACRYLIC	PRIMER - KEM AQUA E61-W525 TOPCOAT - COROTHANE II B65W200/B60V22	150 PPF	
9	ALL EQUIPMENT & CHANNELS EXPOSED TO THE OUTSIDE	100% ACRYLIC	PRIMER - KEM AQUA E61-W525 TOPCOAT - COROTHANE II B65W200/B60V22	150 PPF	
10	ALL EQUIPMENT & CHANNELS EXPOSED TO THE OUTSIDE	100% ACRYLIC	PRIMER - KEM AQUA E61-W525 TOPCOAT - COROTHANE II B65W200/B60V22	150 PPF	

- COATING SYSTEM SPECIFICATIONS
 - DTM ACRYLIC COATING (SERIES 866) BY SHERWIN WILLIAMS CO. 1ML DFT PER COAT APPLIED IN TWO COATS OVER DTM BONDING PRIMER (B66A50).
 - 100% ACRYLIC, LATEX COATING EQUIVALENT TO A-100 (SERIES A-82) BY SHERWIN WILLIAMS CO. 1 MIL DFT PER COAT APPLIED IN TWO COATS OVER SPECIFIED PRIMER.
- PAINT & PRIMER
 - ANTENNAS
 - PRIMER - KEM AQUA E61-W525
 - TOPCOAT - COROTHANE II B65W200/B60V22
 - BTS CABINET
 - PRIMER - KEM AQUA E61-W525
 - TOPCOAT - COROTHANE II B65W200/B60V22
 - COAXIAL JUMPER CABLES
 - PRIMER - AS REQUIRED FOR ADHESION. APPLY ONE COAT OF KEM AQUA WATER REDUCIBLE PRIMER E61W25 REDUCED 25%
 - TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2
 - RAW STEEL
 - PRIMER - KEM BOND HS B60W24, DMT ACRYLIC PRIMER
 - TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2
 - GALVANIZED METAL
 - ACID ETCH WITH COMMERCIAL ETCH OR VINEGAR PRIMER COAT AND FINISH COAT (CALYTE HIGH SOLIDS OR DTM PRIMER/FINISH)
 - STAINLESS STEEL
 - PRIMER - DTM WASH PRIMER, 871Y1
 - TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2
 - PRE-PRIMED STEEL
 - TOUCH UP ANY RUST OR UN-PRIMED STEEL WITH KEM BOND HS, S50W24
 - ALUMINUM & COPPER
 - PRIMER - DTM WASH PRIMER, 871Y1
 - TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2
 - CONCRETE MASONRY
 - PRIMER - PRO MAR EXTERIOR BLOCK FILLER
 - TOPCOAT - 2 COATS A-100 LATEX HOUSE & TRIM, SHEEN TO MATCH
 - CONCRETE STUCCO (EXISTING)
 - 2 COATS A-100 LATEX HOUSE & TRIM, SHEEN TO MATCH
 - STUCCO
 - PRIMER - PRO MAR MASONRY CONDITIONER B-46-W21000
 - TOPCOAT - SUPERPAINT A-80 SERIES A-89 SATIN A-84 GLOSS
 - WOOD
 - PRIMER - A-100 EXTERIOR ALKYL WOOD PRIMER Y-24W20
 - TOPCOAT - 2 COATS A-100 LATEX HOUSE & TRIM SHEEN TO MATCH ADJACENT SURFACES
 - FIELD CUTS/DAMAGE (PRIOR TO PRIME & PAINT)
 - FIRST & SECOND COAT - CUPRINOL CLEAR WOOD PRESERVATIVE #158-0356
 - ALL PENETRATIONS INTO FINISHED CLU-LAMS SHALL BE CAULKED WITH "SIKAFLEX" SEALANT
 - STEEL TOUCH UP
 - STEEL THAT HAS BEEN WELDED, CUT OR SCRATCHED IN THE FIELD SHALL BE TOUCHED UP WITH COLD GALVANIZED PAINT

STRUCTURAL SPECIFICATIONS

- GENERAL
 - PRECEDENCE: UNLESS OTHERWISE SHOWN OR SPECIFIED, THE FOLLOWING GENERAL NOTES SHALL APPLY. INFORMATION ON THESE DRAWINGS SHALL HAVE THE FOLLOWING PRECEDENCE.
 - ALL DIMENSIONS TO TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS.
 - NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
 - MATERIAL NOTES AND SPECIFICATIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE SPECIFICATIONS.
 - OTHER TRADES: SEE THE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.
 - GENERAL DETAILS AND NOTES ON THESE SHEETS SHALL APPLY UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. CONSTRUCTION DETAILS NOT FULLY SHOWN OR NOTED SHALL BE SIMILAR TO DETAILS SHOWN FOR SIMILAR CONDITIONS.
 - SHORING: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL ALL TEMPORARY BRACING AND SHORING TO INSURE THE SAFETY OF THE WORK UNTIL IT IS IN ITS COMPLETED FORM. THIS INCLUDES UNDERPINNING EXISTING FOOTINGS WHERE APPLICABLE.
 - SAFETY: THESE STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE. UNLESS OTHERWISE INDICATED, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION.
 - WATERPROOFING: WATERPROOFING AND DRAINAGE, DETAILS AND SPECIFICATIONS, ALTHOUGH SOMETIMES SHOWN ON STRUCTURAL DRAWING ARE OF GENERAL INFORMATION PURPOSES ONLY. WATERPROOFING AND DRAINAGE ARE SOLELY THE DESIGN RESPONSIBILITY OF THE ARCHITECT.
- STEEL
 - ALL STRUCTURAL STEEL SECTIONS AND WELDED PLATE MEMBERS SHALL CONFORM TO ASTM A-36 AND BE FABRICATED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE AISC.
 - ALL BOLTS SHALL CONFORM TO ASTM A-307 UNLESS OTHERWISE NOTED ON PLANS. HIGH STRENGTH BOLTS SHALL CONFORM TO ASTM A-325
 - STEEL PIPE COLUMNS SHALL BE GRADE "B" CONFORMING TO ASTM A53.
 - STEEL TUBING SHALL BE GRADE "B" CONFORMING TO ASTM A500.
 - ALL WELDING SHALL BE DONE BY THE SHIELDED ARC METHOD. ALL WELDERS SHALL BE PROPERLY QUALIFIED AND BE PRE-APPROVED. SURPLUS METAL SHALL BE DRESSED OFF TO SMOOTH, EVEN SURFACES WHERE WELDS ARE NOT EXPOSED TO VIEW. ALL WELDING SHALL COMPLY WITH THE LATEST A.W.S. SPECIFICATIONS.
 - THE FOLLOWING WELDING EQUIPMENT MUST BE USED:
 - 250 AMP WELDERS.
 - B. ROD OVENS.
 - C. GRINDERS.
 - NO BUZZ BOXES SHALL BE USED.
 - ALL STRUCTURAL STEEL SHALL HAVE MILL CERTIFICATION. MILL CERTIFICATION SHALL BE KEPT ON THE JOB SITE FOR EXAMINATION BY THE DESIGN ENGINEER AND THE CITY INSPECTOR.
 - ALL HIGH STRENGTH BOLTS SHALL HAVE MILL CERTIFICATION. MILL CERTIFICATION SHALL BE KEPT ON THE JOB SITE FOR EXAMINATION BY THE INSPECTOR.
 - STEEL THAT HAS BEEN WELDED, CUT OR SCRATCHED IN THE FIELD SHALL BE TOUCHED UP WITH COLD GALVANIZED PAINT.
 - WELDING INDICATED IN THESE DRAWINGS IS DESIGNED FOR ONE HALF OF ALLOWABLE CODE STRESSES UNLESS SPECIFICALLY NOTED "FULL STRESS" AT END OF WELD SYMBOL.
- CONCRETE
 - STRENGTH: CONCRETE FOR THE PROJECT SHALL HAVE THE FOLLOWING ULTIMATE COMPRESSIVE STRENGTH AT AGE OF 28 DAYS:

LOCATION	STRENGTH	WT.	SLUMP	ADDMIXTURE
A. SLAB & FOOTING	3000psi	150pcf	4"	NONE
 - INSPECTION: CONCRETE WITH SPECIFIED STRENGTH GREATER THAN 2500psi SHALL BE CONTINUOUSLY INSPECTED DURING PLACEMENT BY A DEPUTY INSPECTOR EMPLOYED BY A TESTING LABORATORY APPROVED BY THE BUILDING DEPT.
 - #4 & SMALLER BARS.....GRADE 40
 - #5 & LARGER BARS.....GRADE 60
 - ALL BARS AT CAISSON FOOTING.....GRADE 60
 - REBAR GRADES: REINFORCING STEEL SHALL BE CLEAN PREFORMED BARS CONFORMING TO ASTM A615 AS FOLLOWS:
 - #4 & SMALLER BARS.....GRADE 40
 - #5 & LARGER BARS.....GRADE 60
 - ALL BARS AT CAISSON FOOTING.....GRADE 60
 - CEMENT: FOUNDATIONS & SLABS: TYPE V, LOW ALKALI, CONFORMING TO ASTM C-150. PIER/CAISSON FOOTINGS: TYPE V, LOW ALKALI, CONFORMING TO ASTM C-150.
 - AGGREGATE: USED IN THE CONCRETE SHALL CONFORM TO ASTM C-33. USE ONLY AGGREGATES KNOWN NOT TO CAUSE EXCESSIVE SHRINKAGE. THE MAXIMUM SIZE AGGREGATE IN CONCRETE WORK SHALL BE THE FOLLOWING:
 - FOUNDATIONS & SLABS 9" OR LESS: 3/4" GRAVEL
 - PIER/CAISSON FOOTING: 1" GRAVEL
 - WATER: SHALL BE CLEAN AND FREE FROM DELETERIOUS AMOUNT OF ACIDS, ALKALIS, ORGANIC MATERIALS AND SHALL BE SUITABLE FOR HUMAN CONSUMPTION.
- MIXING: PREPARATION OF CONCRETE SHALL CONFORM TO ASTM C-94. NO MORE THAN 90 MINUTES SHALL ELAPSE BETWEEN CONCRETE BATCHING AND CONCRETE PLACEMENT UNLESS APPROVED BY A TESTING AGENCY.
- SEGREGATION OF AGGREGATES: CONCRETE SHALL NOT BE FLOPPED THROUGH REINFORCING STEEL (AS IN WALLS, COLUMNS, CAISSON, AND DROP CAPITALS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. USE HOPPERS, CHUTES, TRUNKS OR PUMP HOSE SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 5 FT.
- SPICES OF REINFORCING STEEL SHALL BE LAPPED A MINIMUM OF 30 DIAMETERS AND SECURELY WIRED TOGETHER. SPICES OF ADJACENT REINFORCING BARS SHALL BE STAGGERED WHEREVER POSSIBLE.
- REAR CLEARANCE: MINIMUM COVERAGE FOR JOISTS, BEAMS, GIRDERS AND COLUMNS SHALL BE TO FACE OF STIRRUPS OR TIES, UNLESS OTHERWISE NOTED. CONCRETE COVERAGE FOR REINFORCING BARS TO FACE OF BAR SHALL BE AS FOLLOWS:

A. CONCRETE IN CONTACT WITH EARTH, UNFORMED	3"
B. CONCRETE IN CONTACT WITH EARTH, FORMED	2"
C. WALL, EXTERIOR FACE	1-1/2"
D. WALL, INTERIOR FACE	1"
E. STRUCTURAL SLABS	3/4"
F. JOISTS	3/4"
G. BEAMS, GIRDERS & COLUMNS	1-1/2"
- PENETRATIONS: NO SLEEVES OR CHASES SHALL BE PLACED IN BEAMS, SLABS, WALLS AND COLUMNS, EXCEPT THOSE SHOWN ON THE PLANS. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FOR INSTALLATIONS OF ANY ADDITIONAL SLEEVES OR CHASES. ALL PLUMBING, ELECTRICAL AND MECHANICAL OPENINGS SHALL BE SLEEVES. CORING IS NOT ALLOWED UNLESS PRIOR APPROVAL IS OBTAINED FROM THE STRUCTURAL ENGINEER.
- EMBEDDED ITEMS: CONDUIT PLACED IN A CONCRETE SLAB SHALL NOT HAVE AN OUTSIDE DIAMETER GREATER THAN 1/4 THE THICKNESS OF THE SLAB. CONDUIT SHALL NOT BE EMBEDDED IN A SLAB THAT IS LESS THAN 3-1/2" THICK, UNLESS SLAB IS LOCALLY THICKENED. MINIMUM CLEAR DISTANCE BETWEEN CONDUITS SHALL BE SIX INCHES.
- ANCHORING: ALL ANCHOR BOLTS, REINFORCING STEEL, DOWELS, INSERTS, ETC., SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE. NO REPOSITIONING DURING CONCRETE POUR IS ALLOWED.
- CURING: SLABS SHALL BE SPRAYED WITH A CURING COMPOUND IMMEDIATELY AFTER FINISHING. CURING COMPOUNDS USED ON CONCRETE WHERE TILE OR FLOOR COVERING IS TO BE BONDED TO THE CONCRETE SURFACE SHALL BE APPROVED BY THE TILE OR FLOOR COVERING MANUFACTURER. KEEP SLAB WET FOR 7 DAY MINIMUM PERIOD.
- CONSOLIDATION: ALL CONCRETE SHALL BE VIBRATED AS IT IS BEING PLACED WITH ELECTRICALLY OPERATED VIBRATING EQUIPMENT.
 - TIMBER
- ALL FRAMING LUMBER FOR 4X AND LARGER BEAMS SHALL BE NO. 1 GRADE DOUGLAS FIR, S4S, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- ALL FRAMING LUMBER FOR 2X RAFTERS AND JOISTS SHALL BE NO.2 GRADE DOUGLAS FIR, S4S, UNLESS NOTED OTHERWISE ON DRAWINGS
- STRIPPING, BLOCKING, BACKING AND OTHER NON-STRUCTURAL LUMBER SHALL BE NO. 2 OR STD & BTR GRADE DOUGLAS FIR, S4S. 2X4 STUD WALLS SHALL BE D.F. STANDARD & BTR.
- ALL BEAMS, JOISTS AND RAFTERS SHALL BE INSTALLED WITH CROWN SIDE UP.
- ROOF PLYWOOD SHALL MATCH EXISTING PLYWOOD SHEATHING WITH A SPAN INDEX RATIO 32/18. EDGE NAIL WITH 8d AT 6" O.C. UNLESS NOTED OTHERWISE ON PLANS. FIELD NAIL WITH 8d AT 12" O.C.
- PLYWOOD SHEETS SHALL BE LAID WITH THE FACE GRAIN PERPENDICULAR TO SUPPORTS AND WITH THE EDGES STAGGERED, UNLESS NOTED OTHERWISE ON THE PLANS.
- PLYWOOD SHALL BE GRADE MARKED BY OFPA, TECO, OR PTL AND SHALL CONFORM TO PS 1-83.
- THE MAXIMUM MOISTURE CONTENT OF ALL LUMBER SHALL NOT EXCEED 24% AT THE TIME OF INSTALLATION.
- MINIMUM NAILING SHALL COMPLY WITH TABLE 23-1-q OF BUILDING CODE. ALL NAILS SHALL BE COMMON WIRE NAILS.
- ALL BOLTS SHALL HAVE STANDARD CUT WASHERS UNDER HEADS AND/OR NUTS WHERE IN CONTACT WITH WOOD.
- LAG BOLTS SHALL BE SCREWED INTO PLACE, NOT DRIVEN. LAG BOLTS SHALL BE INSTALLED IN PRE-DRILLED HOLES WITH A DIAMETER EQUAL TO 75% DIAMETER OF BOLT.
- CONNECTORS: ALL SHEET METAL FRAMING CONNECTORS SHOWN IN THE PLANS SHALL BE STRONG CONNECTORS AS MANUFACTURED BY THE SAWSON COMPANY. SUBSTITUTIONS MAY BE MADE WHEN APPROVED BY THE STRUCTURAL ENGINEER.
- ALL LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE WOLMANIZED PRESSURE TREATED LUMBER OR A NATURALLY DECAY RESISTANT LUMBER SUCH AS REDWOOD OR CEDAR.
- ALASKAN YELLOW CEDAR GLUE-LAMINATED BEAMS
 - LUMBER SPECIES: ALASKAN YELLOW CEDAR (A.C.) CONFORMING TO 20F-V12
 - STRENGTH PROPERTIES:

F _b BOTTOM FIBER BENDING STRESS	2000psi MIN.
F _b TOP FIBER BENDING STRESS	1000psi MIN.
F _v SHEAR STRESS	150psi MIN.
F _c COMPRESSION STRESS PERPENDICULAR TO GRAIN	560psi MIN.
E MODULUS ELASTICITY	1400ksi MIN.
C. CAMBER TO RADIUS OF 1600' U.O.N.	
 - ALL CLB'S SHALL BE FABRICATED WITH EXTERIOR GLUE.
 - MANUFACTURE OF CLB'S SHALL CONFORM TO THE UBC.
 - GLU-LAM MATERIAL SHALL BE IN ACCORDANCE WITH ANSI/ATC A190.1 AND ASTM D3737.

JRA

Jeffrey Rome & Associates, Inc.

Architecture & Telecommunications
3 San Joaquin Plaza, Suite 155
Newport Beach, California 92660
Phone: (949) 760-3921
Fax: (949) 760-3931

PROPRIETARY INFORMATION

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PREPARED FOR



3763 Howard Hughes Parkway, Suite 200
Las Vegas, Nevada 89169

APPROVALS

R.F.

ZONING

CONSTRUCTION

SITE ACQUISITION

OWNER APPROVAL

PROJECT NAME

SHADOW LANE

PROJECT NUMBER

L-038 MOD

2020 GOLDRING AVENUE
LAS VEGAS, NEVADA 89106

CITY OF LAS VEGAS

DRAWING DATES

09/09/09 PRELIM CD REVIEW (P1-B1)

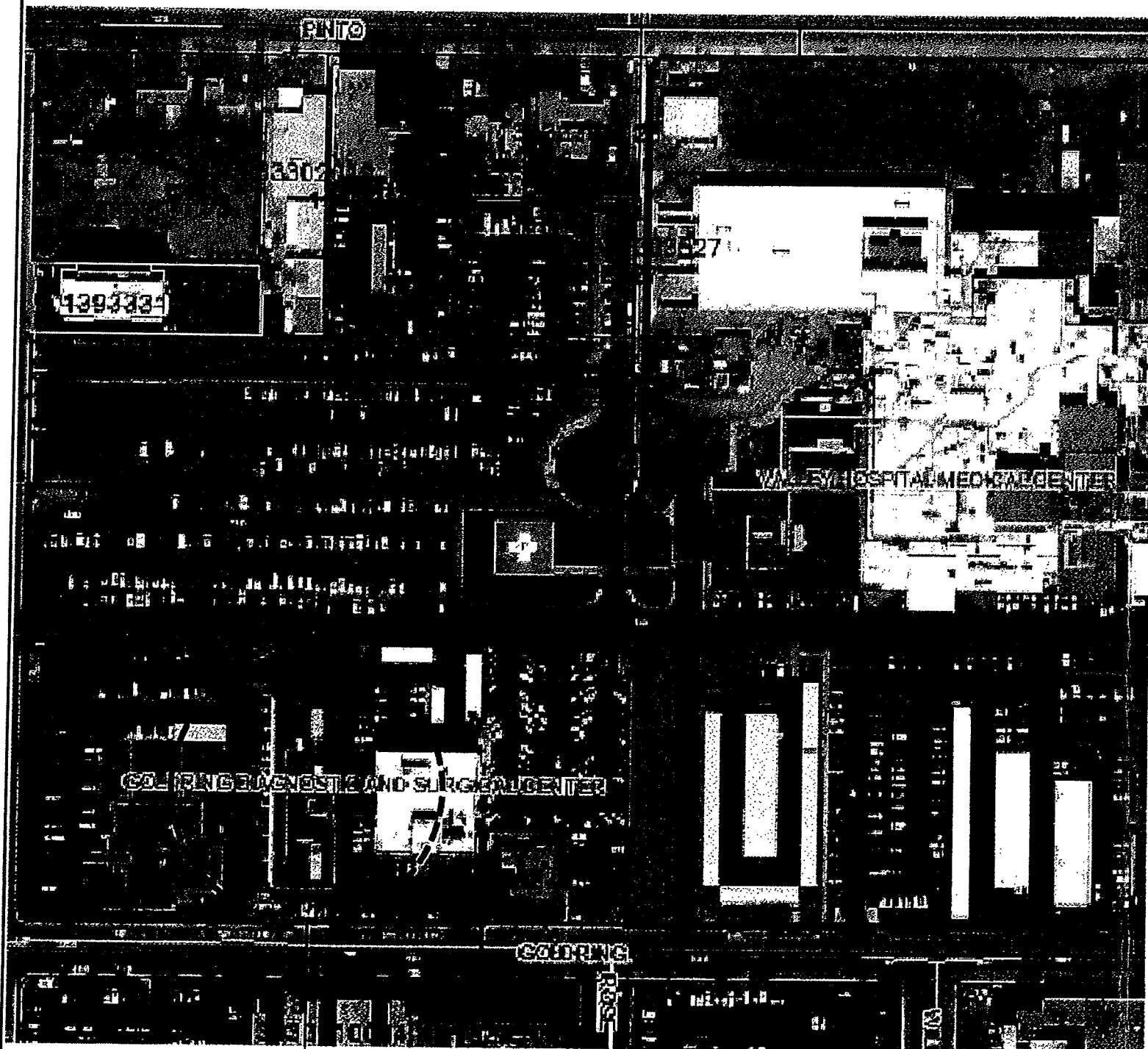
SHEET TITLE

SPECIFICATIONS AND NOTES

T-2

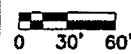
SITE PLAN KEYNOTES

1 EXISTING AT&T LEASE AREA; SEE DETAIL 1/A-1.



SITE PLAN

SCALE:
1"=60'

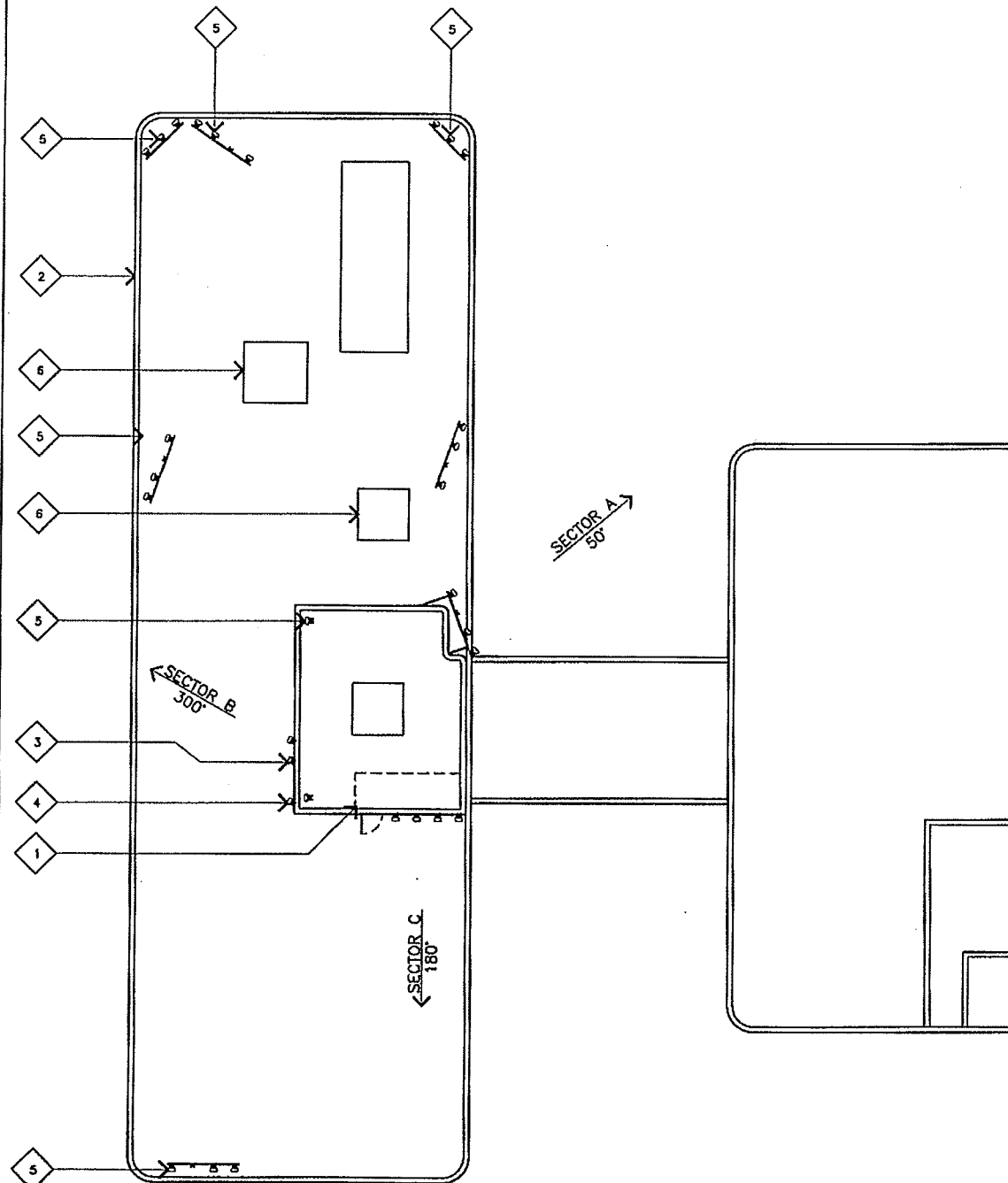


2

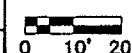
ENLARGED SITE PLAN

ENLARGED SITE PLAN KEYNOTES

- 1 EXISTING AT&T LEASE AREA ON TOP FLOOR INSIDE OFFICE BUILDING; SEE SHEET A-2.
- 2 EXISTING OFFICE BUILDING.
- 3 EXISTING AT&T PANEL ANTENNAS MOUNTED TO EXISTING PENTHOUSE.
- 4 PROPOSED AT&T PANEL ANTENNAS MOUNTED TO EXISTING PENTHOUSE; SEE SHEET A-4.
- 5 EXISTING OTHER CARRIER ANTENNAS.
- 6 EXISTING OTHER CARRIER EQUIPMENT.



SCALE:
1"=20'



1

JRA

Jeffrey Rome & Associates, Inc.

Architecture & Telecommunications
3 San Joaquin Plaza, Suite 155
Newport Beach, California 92660
Phone: (949) 760-3929
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ZONING _____
CONSTRUCTION _____
SITE ACQUISITION _____
OWNER APPROVAL _____

PROJECT NAME

SHADOW LANE

PROJECT NUMBER

L-038 MOD

2020 GOLDRING AVENUE
LAS VEGAS, NEVADA 89108

CITY OF LAS VEGAS

DRAWING DATES

09/09/09 PRELIM CD REVIEW (P1-B1)

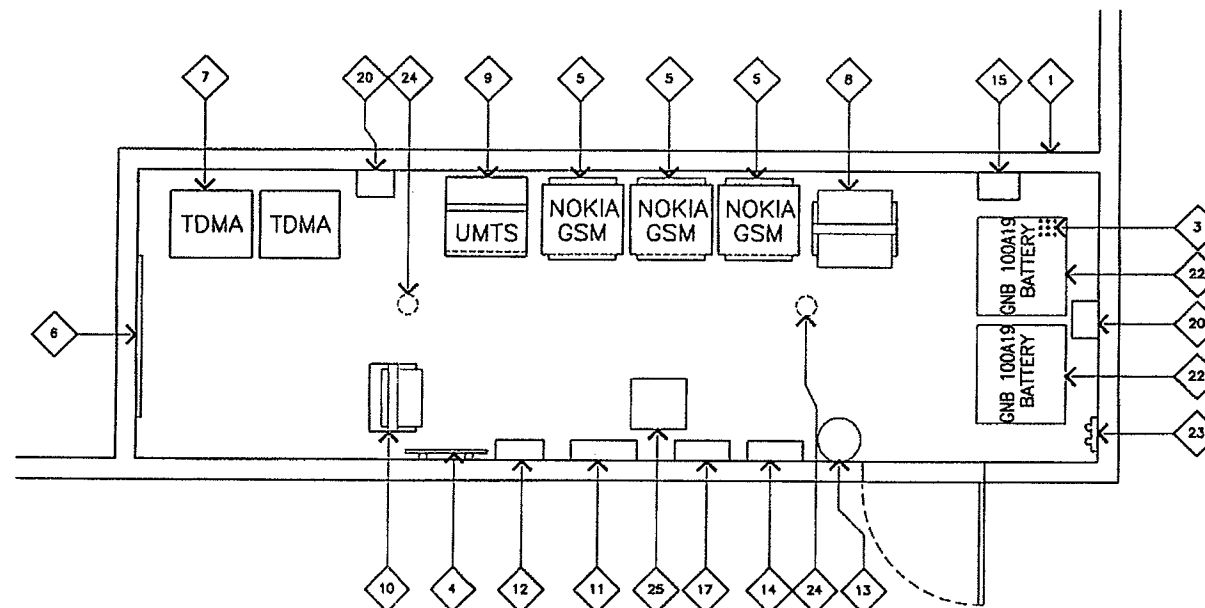
SHEET TITLE

SITE PLANS

A-1

EQUIPMENT FLOOR PLAN KEYNOTES

- | | | |
|--|--|---|
| 1 (E) AT&T 7'-8" X 24'-0" CUSTOM TENANT IMPROVEMENT ON 5TH FLOOR. | 10 (E) AT&T DATA RACKS. | 19 (E) ELECTRICAL METER. |
| 2 (E) AT&T EXTERIOR MOUNTED AC UNITS. | 11 (E) AT&T MANUAL TRANSFER SWITCH. | 20 (E) AT&T 800 AMP DUAL BATTERY DISCONNECT. |
| 3 (E) AT&T WAVEGUIDE ENTRY PORTS WITH (30) 7/8" COAX & (3) RETS FROM ANTENNAS ON ROOF TOP. | 12 (E) AT&T ELECTRICAL PANEL. | 21 NOT USED. |
| 4 (E) AT&T WALL MOUNTED MAIN GROUND BUS BAR (MGB). | 13 (E) AT&T FIRE SUPPRESSION TANK. | 22 (E) AT&T BATTERY RACK MODEL NO. GNB 12 CELL ABSOLYTE 100A19. |
| 5 (E) NOKIA GSM EQUIPMENT CABINET. | 14 (E) AT&T FIRE ALARM PANEL. | 23 (E) AT&T EYE WASH STATION. RELOCATE AS SHOWN. |
| 6 (E) AT&T TELCO BACKBOARD. | 15 (E) AT&T EXTERNAL ALARM CABINET. | 24 (E) AT&T SMOKE DETECTOR. |
| 7 (E) (2) AT&T TDMA CABINETS. | 16 (E) AT&T FIRE EXTINGUISHER. | 25 (E) ELECTRICAL TRANSFORMER. |
| 8 (E) AT&T 24VDC ARGUS RECTIFIER CABINET. | 17 (E) AT&T ELECTRICAL DISCONNECT. | |
| 9 (E) AT&T LUCENT UNITS CABINET. | 18 (E) AT&T AUTOMATIC TRANSFER SWITCH. | |



NOT USED

SCALE:
NONE

7

EQUIPMENT FLOOR PLAN

SCALE:
NONE

1

JRA
Jeffrey Rome & Associates, Inc.
Architecture & Telecommunications
3 San Joaquin Plaza, Suite 155
Newport Beach, California 92660
Phone: (949) 760-3329
Fax: (949) 760-3331

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PREPARED FOR



3763 Howard Hughes Parkway, Suite 200
Las Vegas, Nevada 89169

APPROVALS

R.F.

ZONING

CONSTRUCTION

SITE ACQUISITION

OWNER APPROVAL

PROJECT NAME

SHADOW LANE

PROJECT NUMBER

L-038 MOD

2020 GOLDING AVENUE
LAS VEGAS, NEVADA 89106

CITY OF LAS VEGAS

DRAWING DATES

09/09/09 PRELIM CD REVIEW (P1-B1)

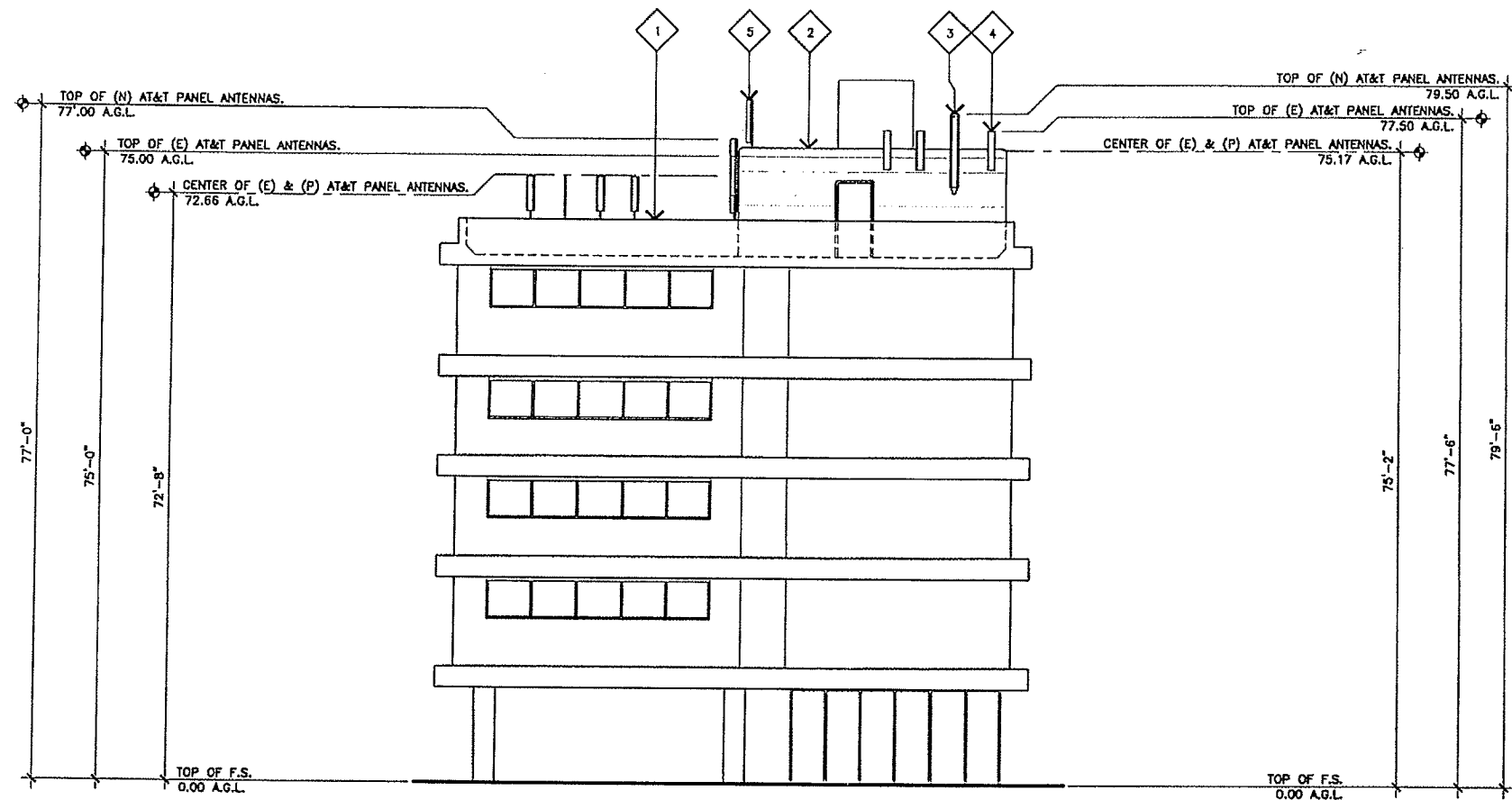
SHEET TITLE

EQUIPMENT FLOOR PLAN

A-2

ELEVATION KEYNOTES

- 1 (E) BUILDING.
- 2 (E) PENTHOUSE.
- 3 (N) AT&T PANEL ANTENNAS TO REPLACE (E) ANTENNAS MOUNTED TO (E) PENTHOUSE; SEE SHEET A-4. PAINT TO MATCH (E) PENTHOUSE.
- 4 (E) AT&T PANEL ANTENNAS MOUNTED TO (E) PENTHOUSE.
- 5 (E) OTHER CARRIER ANTENNAS.



SOUTH ELEVATION

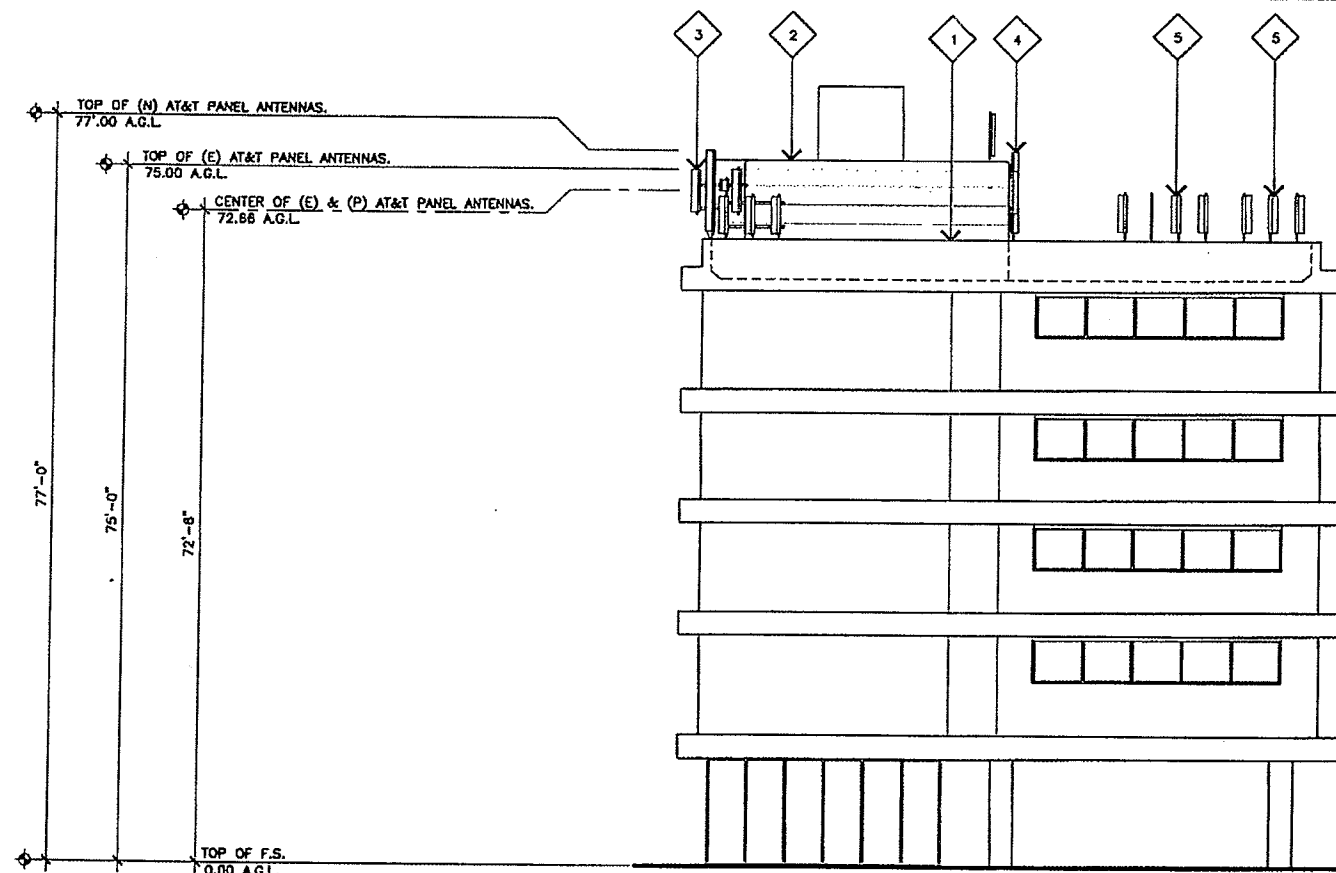
SCALE:
1"=10'

0 5' 10'

2

ELEVATION KEYNOTES

- 1 (E) BUILDING.
- 2 (E) PENTHOUSE.
- 3 (N) AT&T PANEL ANTENNAS TO REPLACE (E) ANTENNAS MOUNTED TO (E) PENTHOUSE; SEE SHEET A-4. PAINT TO MATCH (E) PENTHOUSE.
- 4 (E) AT&T PANEL ANTENNAS MOUNTED TO (E) PENTHOUSE.
- 5 (E) OTHER CARRIER ANTENNAS.



NORTH ELEVATION

SCALE:
1"=10'

0 5' 10'

1

JRA

Jeffrey Rome & Associates, Inc.

Architecture & Telecommunications
3 San Joaquin Plaza, Suite 155
Newport Beach, California 92660
Phone: (949) 780-3929
Fax: (949) 780-3931

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SHEET TITLE

ELEVATIONS

A-3