

SD Real Estate
Assets
City Consent Application

For installation / modification of Telecommunication antenna facility on City owned property

8/9/2019

Date

The City of San Diego
Real Estate Assets Department
1200 Third Avenue, Suite 1700
San Diego, California 92101

RE: Site Name: Montgomery - Waller Rec Project # _____
Site Address: 3020 Coronado Ave, San Diego (the "Property")
Agreement: Agreement dated 6/1/2009 (the "agreement") between The City of San Diego ("City") and T-Mobile ("Lessee" or "Permittee").

T-Mobile is seeking Consent from the City to perform the following to the above
Applicants Name/Carrier
referenced site:

- ☒ Modify, upgrade or changes to existing equipment or Site as describe in the attached plans / photos.
- ☐ Installation of a New Wireless Communication Facility on City owned property.
- ☐ Apply for new Permit/New Agreement on existing facility – **NO** modifications or changes to Existing equipment or site.

Describe proposed project below:

Antennas: Remove and replace four (4) existing panel antennas with four (4) new panel antennas and install 4 new RRUs.

Equipment: Complete internal cabinet equipment modifications.

Pursuant to Improvements and Alterations, section of the above referenced agreement, "Lessee / Permittee shall not construct any improvements, structures or installations of the Premises or make any alterations to the Premises (with the exception of equipment replacement or repairs) without City's prior written approval."

In order to comply with such requirements, T-Mobile would like to request City's consent to submit to Development Services Department for review of the proposed items above.

Sincerely, Christopher Ward, agent for T-Mobile

Applicant Signature: Christopher Ward
Digitally signed by Christopher Ward
DN: cn=Christopher Ward, o=Smartlink LLC, ou=Authorized Agent
for T-Mobile, email=Christopher.Ward@smartlink.com, c=US
Date: 2019.06.09 16:00:47Z

☒ A one-time, **non-refundable Processing Fee** (\$4,920 for long term agreements - \$980 for Short term or ROE Permits) payable to City Treasures, MUST be paid at the time of application. This fee applies even if the agreement is never executed.

City Parks & Rec Department has provided its consent and approval to allow applicant to submit application for Required Permits needed for the proposed items listed herein, **with the understanding that the Department will be allowed to review the improvement plans prior to any permits being issued** and that a pre-construction meeting will be conducted with staff before any work begins, if required.

9/12/19

Date

David Monroe, Deputy Director

Print Name & Title

[Signature]
Signature

City of San Diego, acknowledgement and consent for 3020 Coronado Avenue
Site Location

9/16/19

Date

Cheryl Hanson

Print Name & Title

Director, Real Estate Assets

Signature

For READ ONLY

☐
☒
☐

Approved and Stamped plans received and attached
Scan as Amendment to Agreement when executed
Processing fee received



Real Estate Assets



L700 CMP4 4X2

SITE ID: SD06294A

MONTGOMERY - WALLER REC

3020 CORONADO AVE
SAN DIEGO, CA 92154

T-Mobile



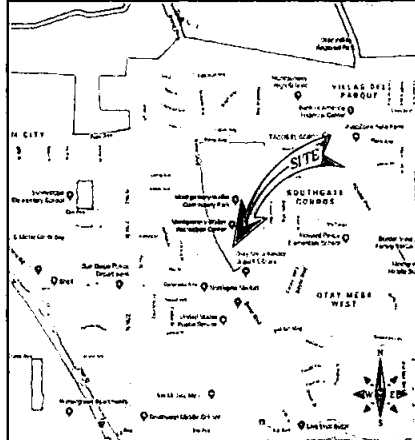
DRAWN BY: MCM

CHECKED BY: MM

SITE INFORMATION

PROPERTY OWNER: CITY OF SAN DIEGO REAL ESTATE ASSETS
233 D STREET
SAN DIEGO, CA 92101
CONTACT: REAL ESTATE ASSETS DIRECTOR
PH: -
APPLICANT: T-MOBILE
ADDRESS:
LAT/LONG TYPE: NAD-83
LATITUDE: 32.57888709° N
LONGITUDE: 117.08874007° W
ZONING JURISDICTION: CITY OF SAN DIEGO
ZONING CLASSIFICATION: AN-1-2
CURRENT USE: UNMANNED TELECOMMUNICATIONS FACILITY
ASSESSOR'S PARCEL NO.: 830-010-01-00
PROPOSED USE: UNMANNED TELECOMMUNICATIONS FACILITY
TYPE OF CONSTRUCTION: MA
OCCUPANCY GROUP: A

VICINITY MAP



PROJECT DESCRIPTION

T-MOBILE PROPOSES TO MODIFY AN EXISTING WIRELESS INSTALLATION. THE SCOPE WILL CONSIST OF THE FOLLOWING:

- REMOVE (2) EXISTING T-MOBILE DUAL INDOOR (E) CABINET
- REMOVE (14) EXISTING T-MOBILE PANEL ANTENNAS
- INSTALL (2) NEW T-MOBILE 66 BAND INDOOR (E) CABINET
- INSTALL (14) NEW T-MOBILE PANEL ANTENNAS
- INSTALL (14) NEW T-MOBILE 66 BAND 871-812 RADIOS
- INSTALL (8) NEW T-MOBILE DC POWER CABLES
- INSTALL (8) NEW T-MOBILE FIBER CABLES

• UPGRADE POWER IN CABINET WITH (8) PSU ACCEL

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2014 CALIFORNIA BUILDING CODE. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE, NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL STORAGE IS NEW.

ENGINEERING

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES.

- 2018 BUILDING CODE
- CITY/COUNTY ORDINANCES
- BUILDING OFFICIALS & CODE ADMINISTRATORS (BOCA)
- 2018 MECHANICAL CODE
- 2018 FIRE CODE
- 2018 PLUMBING CODE
- 2014 ELECTRICAL CODE
- LOCAL BUILDING CODE

DO NOT SCALE DRAWINGS

SUBCONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & FIELD CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



CONSTRUCTION DRAWING

IF USING 11X17 PLOT, DRAWINGS WILL BE HALF SCALE

DRAWING INDEX

SHEET NO.	SHEET TITLE
1-1	TITLE SHEET
GN-1	GENERAL NOTES
A-1	SITE PLAN & ENLARGED SITE PLAN
A-2	EQUIPMENT LAYOUT
A-3	ANTENNA LAYOUT
A-4	ELEVATIONS
A-5	ELEVATIONS
A-6	ELEVATIONS
A-7	ELEVATIONS
D-1	DETAILS
D-1	GROUNDING DETAILS
RF-1	CABLE LINE DIAGRAM

APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS & AUTHORIZE THE SUBCONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT & MAY IMPOSE CHANGES OR MODIFICATIONS.

T-MOBILE RF ENGINEER: _____ DATE: _____
T-MOBILE OPERATIONS: _____ DATE: _____
SITE ACQUISITION: _____ DATE: _____
CONSTRUCTION MANAGER: _____ DATE: _____
PROPERTY OWNER: _____ DATE: _____
ZONING: _____ DATE: _____
PROJECT MANAGER: _____ DATE: _____

PROJECT TEAM

PROJECT MANAGER:
SMARTLINK
1801 VON KARMAN AVE
IRVINE, CA 92612
CONTACT: SAMUEL GUINDO
PHONE: (714) 612-9949
EMAIL: sguindo@smartlink.com

ENGINEER:
M SQUARE WIRELESS
1337 CALLE AVANZADO
SAN CLEMENTE, CA 95073
CONTACT: MICHAEL MONTELEO
PHONE: (818) 967-4012
EMAIL: mmonteleo@msquarewireless.com

RF ENGINEER:
T-MOBILE USA
10500 VISTA BONNEXTO PARKWAY
SUITE 200
SAN DIEGO, CA 92121
CONTACT: PETER ABE
PHONE: (619) 334-1725
EMAIL: pabe@t-mobile.com

SITE ACQUISITION:
SMARTLINK
1801 VON KARMAN AVE
IRVINE, CA 92612
CONTACT: CHRIS WARD
PHONE: (949) 923-8179

DRIVING DIRECTIONS

DIRECTIONS FROM SAN DIEGO INTERNATIONAL AIRPORT (SAT):

1. HEAD EAST ON N HARBOR DR TOWARD MCCAIN RD
2. USE THE LEFT 3 LANES TO TURN LEFT ONTO W GRAPE ST
3. USE THE RIGHT 2 LANES TO TAKE THE INTERSTATE 5 S RAMP
4. MERGE ONTO I-5 S
5. TAKE EXIT 4 FOR CORONADO AVE
6. TURN LEFT ONTO CORONADO AVE
7. TURN LEFT
8. DESTINATION WILL BE ON THE RIGHT

L700 CMP4 4X2
SITE ID: SD06294A
MONTGOMERY - WALLER REC
3020 CORONADO AVE
SAN DIEGO, CA 92154
ROOFTOP

SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1

GENERAL CONSTRUCTION NOTES

1. FOR THE PURPOSE OF CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY:
GENERAL CONTRACTOR - GENERAL CONTRACTOR
SUBCONTRACTOR - CONTRACTOR (CONSTRUCTION)
OWNER - TABLE 1
2. ALL SITE WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS AND TABLE PROJECT SPECIFICATIONS.
3. GENERAL CONTRACTOR AND SUBCONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE WORK AND SHALL MAKE PROVISIONS, GENERAL, CONTRACTOR AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, DIMENSIONS, AND CONFIRM THAT THE WORK MAY BE ACCOMPANIED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
4. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. GENERAL CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL TABLE, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF WORK.
5. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES, AND APPLICABLE REGULATIONS.
6. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
7. PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE. ONLY UNLESS OTHERWISE NOTED, DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS THE MINIMUM REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS. SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH THE WORK. DETAILS ARE INTENDED TO SHOW DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF WORK AND PREPARED BY THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH WORK.
8. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
9. IF SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROVIDE AN ALTERNATIVE PLAN FOR APPROVAL BY THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING.
10. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFORM TO ALL OSHA REQUIREMENTS AND THE LOCAL JURISDICTION.
11. GENERAL CONTRACTOR SHALL COORDINATE WORK AND SCHEDULE WORK ACTIVITIES WITH OTHER DISCIPLINES.
12. ERECTION SHALL BE DONE IN A WORKMANLIKE MANNER BY COMPETENT LIFT TRUCKED WORKSMAN IN ACCORDANCE WITH APPLICABLE CODES AND THE BEST ACCEPTED PRACTICE. ALL MEMBERS SHALL BE LAD PLUMBS AND TRUE AS INDICATED ON THE DRAWINGS.
13. SEAL PENETRATIONS THROUGH FIRE RATED AREA WITH ALL LISTED MATERIALS APPROVED BY LOCAL JURISDICTION. SUBCONTRACTOR SHALL KEEP AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DEBRIS.
14. WORK PREVIOUSLY COMPLETED IS REPRESENTED BY LIGHT SHADED LINES AND NOTES. THE SCOPE OF WORK FOR THIS PROJECT IS REPRESENTED BY DARK SHADED LINES AND NOTES. SUBCONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY (E) CONDITIONS THAT DEViate FROM THE DRAWINGS PRIOR TO THE BEGINNING OF CONSTRUCTION.
15. SUBCONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE CONSTRUCTION MANAGER AS HOURS PRIOR TO CONSTRUCTION UNTIL JOB COMPLETION.
16. THE GENERAL CONTRACTOR SHALL MAINTAIN IN GOOD CONDITION ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDAS, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES.
17. THE GENERAL CONTRACTOR AND SUBCONTRACTOR SHALL PROVIDE PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2A:10 AND SHALL BE WITHIN 25 FEET TRAVEL DISTANCE TO ALL PORTIONS OF WHERE THE WORK IS BEING COMPLETED DURING CONSTRUCTION.
18. ALL (E) ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY THE ARCHITECT/ENGINEER. EXTREME CAUTION SHOULD BE USED BY THE SUBCONTRACTOR WHEN EXCAVATING OR DRILLING NEAR AROUND OR NEAR UTILITIES. SUBCONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS SHALL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION, B) CONFINED SPACE, C) ELECTRICAL SAFETY, D) TRENCING & EXCAVATION.
19. ALL (E) INACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED, CAPPED, PLUGGED OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, AS DIRECTED BY THE RESPONSIBLE ARCHITECT/ENGINEER, AND SUBJECT TO THE APPROVAL OF THE OWNER AND/OR LOCAL UTILITIES.
20. THE AREAS OF THE OWNER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION.
21. SUBCONTRACTOR SHALL MINIMIZE OBSTACLES TO THE (E) SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE FEDERAL AND LOCAL JURISDICTION FOR EROSION AND SEDIMENT CONTROL.
22. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUNDING. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
23. THE BURNABLE SHALL BE BROUGHT TO A SMOOTH UNIFORM GRADE AND COMPACTED TO 95 PERCENT STANDARD PROCTOR DENSITY UNDER PAVEMENT AND STRUCTURES AND 90 PERCENT STANDARD PROCTOR DENSITY IN OPEN SPACE. ALL TRENCHES IN PUBLIC RIGHT OF WAY SHALL BE BACKFILLED WITH FLOWABLE FILL OR OTHER MATERIAL PRE-APPROVED BY THE LOCAL JURISDICTION.
24. ALL NECESSARY RUBBISH, STUMPS, DEBRIS, STICKS, STONES, AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER.
25. ALL BROCHURES, OPERATING AND MAINTENANCE MANUALS, CATALOGS, SHOP DRAWINGS AND OTHER DOCUMENTS SHALL BE TURNED OVER TO THE GENERAL CONTRACTOR AT COMPLETION OF CONSTRUCTION AND PRIOR TO PAYMENT.
26. SUBCONTRACTOR SHALL SUBMIT A COMPLETE SET OF AS-BUILT REVISIONS TO THE GENERAL CONTRACTOR UPON COMPLETION OF PROJECT AND PRIOR TO FINAL PAYMENT.
27. SUBCONTRACTOR SHALL LEAVE PREMISES IN A CLEAN CONDITION.
28. THE PROPOSED FACILITY WILL BE UNMANNED AND DOES NOT REQUIRE PORTABLE WATER OR SEWER SERVICE, AND IS NOT FOR HUMAN HABITAT (NO HAZARDOUS ACCESS REQUIRED).
29. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION, APPROXIMATELY 2 TIMES PER MONTH, BY TABLE TECHNICIANS.
30. NO OUTDOOR STORAGE OR SOLID WASTE CONTAINERS ARE PROPOSED.
31. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST REVISION TABLE, GRADING STANDARD TECHNICAL SPECIFICATION FOR CONSTRUCTION OF GRASSMATS WIRELESS SITES' AND TECHNICAL SPECIFICATION FOR FACILITY GROUNDING; IN CASE OF A CONFLICT BETWEEN THE CONSTRUCTION SPECIFICATION AND THE DRAWINGS, THE DRAWINGS SHALL GOVERN.
32. SUBCONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS REQUIRED FOR CONSTRUCTION. IF SUBCONTRACTOR CANNOT OBTAIN A PERMIT, THEY MUST NOTIFY THE GENERAL CONTRACTOR IMMEDIATELY.
33. SUBCONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
34. INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM SITE VISITS AND/OR DRAWINGS PROVIDED BY THE SITE OWNER. CONTRACTORS SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
35. NO WHITE STROBE LIGHTS ARE PERMITTED. LIGHTING IF REQUIRED, WILL MEET FAA STANDARDS AND REQUIREMENTS.
36. ALL COAXIAL CABLE INSTALLATIONS TO FOLLOW MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
37. NO NOISE, SMOKE, DUST, OR VIBRATION WILL RESULT FROM THIS FACILITY. (DISREGARD THIS NOTE IF THIS SITE HAS A GENERATOR).
38. NO ADDITIONAL PARKING TO BE PROPOSED. (E) ACCESS AND PARKING TO REMAIN UNLESS NOTED OTHERWISE.
39. NO LANDSCAPING IS PROPOSED AT THIS SITE, UNLESS NOTED OTHERWISE.

ELECTRICAL NOTES

1. THE CONTRACTOR SHALL SUPPLY AND INSTALL ANY/ALL ELECTRICAL WORK INDICATED. ANY/ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ANY/ALL APPLICABLE SPECIFICATIONS, IF ANY PROBLEMS ARE ENCOUNTERED BY COMPLYING WITH THESE REQUIREMENTS. CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER AS SOON AS POSSIBLE AFTER THE DISCOVERY OF THE PROBLEMS, AND SHALL NOT PROCEED WITH THAT PORTION OF WORK UNTIL THE CONSTRUCTION MANAGER HAS DISCUSSED THE CORRECTIVE ACTIONS TO BE TAKEN.
2. ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH ANY/ALL CONDITIONS AFFECTING ELECTRICAL AND COMMUNICATION INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF. ALL (E) CONDITIONS OF ELECTRICAL EQUIP., LIGHT FIXTURES, ETC., THAT ARE PART OF THE FINAL SYSTEM SHALL BE VERIFIED BY THE CONTRACTOR, PRIOR TO THE SUBMITTING OF HIS BID. FAILURE TO COMPLY WITH THIS PARAGRAPH WILL IN NO WAY RELIEVE CONTRACTOR OF PERFORMING ALL WORK NECESSARY FOR A COMPLETE AND WORKING SYSTEM.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEC AND ALL CODES AND LOCAL ORDINANCES OF THE LOCAL POWER & TELEPHONE COMPANIES HAVING JURISDICTION AND SHALL INCLUDE BUT NOT BE LIMITED TO:
A. UL - UNDERWRITERS LABORATORIES
B. NEC - NATIONAL ELECTRICAL CODE
C. NEMA - NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
D. OSHA - OCCUPATIONAL SAFETY AND HEALTH ACT
E. SEC - STANDARD BUILDING CODE
4. DO NOT SCALE ELECTRICAL DRAWINGS. REFER TO SITE PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL EQUIPMENT, AND CONFIRM WITH CONSTRUCTION MANAGER ANY SIZES AND LOCATIONS WHEN NEEDED.
5. (E) SERVICES CONTRACTOR SHALL NOT INTERRUPT (E) SERVICES WITHOUT WRITTEN PERMISSION OF THE OWNER.
6. CONTRACTOR SHALL PAY FOR ANY/ALL PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR IS TO OBTAIN PERMITS AND APPROVED SUBMITTALS PRIOR TO THE WORK BEGINNING OR ORDERING EQUIPMENT.
7. THE TERM "PROVIDE" USED IN CONSTRUCTION DOCUMENTS AND SPECIFICATIONS, INDICATES THAT THE CONTRACTOR SHALL FURNISH AND INSTALL.
8. CONTRACTOR SHALL CONFORM WITH LOCAL UTILITY COMPANY ANY/ALL REQUIREMENTS SUCH AS THE LUG SIZE AND LOCATION AND COMPLETE LIFT TRUCKED WORKSMAN IN ACCORDANCE WITH APPLICABLE CODES AND THE BEST ACCEPTED PRACTICE. ALL MEMBERS SHALL BE LAD PLUMBS AND TRUE AS INDICATED ON THE DRAWINGS.
9. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
10. CONTRACTOR SHALL GUARANTEE ANY/ALL MATERIALS AND WORK FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
11. THE CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ANY ADDITIONAL CHARGE AND SHALL INCLUDE THE REPLACEMENT OR THE REPAIR OF ANY OTHER PHASE OF THE INSTALLATION, WHICH MAY HAVE BEEN DAMAGED THEREIN.
12. ADEQUATE AND REQUIRED LIABILITY INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LOSS AND ANY/ALL PROPERTY DAMAGE FOR THE DURATION OF WORK.
13. PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL BOXES, COVER PLATES AND DEVICES FOR ALL OUTLETS AS INDICATED.
14. OUTGOING AND BACK FILL: CONTRACTOR SHALL PROVIDE FOR ALL UNDERGROUND INSTALLED CONDUIT AND/OR CABLES INCLUDING EXCAVATION AND BACKFILLING AND COMPACTION. REFER TO NOTES AND REQUIREMENTS FOR EXCAVATION AND BACKFILLING.
15. MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE IN AND SHALL APPEAR ON THE LIST OF UL APPROVED ITEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE NEC, NEMA AND IEEE.
16. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR MANUFACTURER'S CATALOG INFORMATION OF ANY/ALL LIGHTING FIXTURES, SWITCHES AND ALL OTHER ELECTRICAL ITEMS FOR APPROVAL BY THE CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
17. ANY CUTTING OR PATCHING DEEMED NECESSARY FOR ELECTRICAL WORK IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY AND SHALL BE INCLUDED IN THE COST FOR WORK AND PERFORMED TO THE SATISFACTION OF THE CONSTRUCTION MANAGER UPON FINAL ACCEPTANCE.
18. THE ELECTRICAL CONTRACTOR SHALL LABEL ALL PANELS WITH ONLY TYPEWRITTEN DIRECTORIES. ALL ELECTRICAL WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
19. DISCONNECT SWITCHES SHALL BE N.P. RATED HEAVY-DUTY, QUICK-BREAK AND QUICK-BREAK ENCLOSURES, AS REQUIRED BY EXPOSURE TYPE.
20. ALL CONNECTIONS SHALL BE MADE WITH A PROTECTIVE COATING OF AN ANTI-OXIDANT COMPOUND SUCH AS "NO-OSIDE" 8-87 OR ANTI-OXIDANT COMPOUND. COAT ALL WIRE SURFACES BEFORE CONNECTING EXPOSED COPPER SURFACES, INCLUDING GROUND BARS, SHALL BE TREATED - NO SUBSTITUTIONS.
21. RACEWAY, CONDUIT SHALL BE SCHEDULE 40 PVC MEETING OR EXCEEDING NEMA 12C - 100. CONTRACTOR SHALL PLUG AND CAP EACH END OF BRASS AND BRASS CONDUITS AND PROVIDE TWO SEPARATE PULL STRINGS - 200 LB TEST POLYETHYLENE CORD. ALL CONDUIT BENDS SHALL BE A MINIMUM OF 2 FT. RADIUS. ROSS CONDUITS WHEN SPECIFIED, SHALL MEET OR EXCEED GALVANIZED STEEL. ALL WIRETHREAD SHALL BE SUITABLE FOR USE WITH THREADED ROSS CONDUIT, COAT ALL THREADED WITH WHITE ZINC OR "OLD GALT".
22. SUPPORT OF ALL ELECTRICAL WORK SHALL BE AS REQUIRED BY NEC.
23. CONDUCTORS: CONTRACTOR SHALL USE 90% CONDUCTIVITY COPPER WITH TYPE THHN INSULATION 800 VOLT. CORD CODED: USE SOLID CONDUCTORS FOR WIRE UP TO AND INCLUDING NO. 8 AWG. USE STRANDED CONDUCTORS FOR WIRE ABOVE NO. 8 AWG.
24. CONNECTORS FOR POWER CONDUCTORS: CONTRACTOR SHALL USE PRESSURE TIGHT INSULATED THREADED CONNECTORS FOR NO. 10 AWG AND SMALLER. USE SOLDERLESS MECHANICAL TERMINAL LUGS FOR NO. 8 AWG AND LARGER.
25. SERVICE: 240/120V, SINGLE PHASE, 3 WIRE CONNECTION AVAILABLE FROM UTILITY COMPANY. OWNER OR OWNER'S AGENT WILL APPLY FOR POWER.
26. TELEPHONE SERVICE: CONTRACTOR SHALL PROVIDE EMPTY CONDUITS WITH PULL STRINGS AS INDICATED ON DRAWINGS.
27. ELECTRICAL AND TELLER RACEWAYS TO BE BURIED A MINIMUM OF 2' DEPTH.
28. CONTRACTOR SHALL PLACE TWO LENGTHS OF WARNING TAPE AT A DEPTH OF 12" BELOW GROUND AND DIRECTLY ABOVE ELECTRICAL AND TELLER SERVICE CONDUITS. CAUTIONS TAPE TO READ "CAUTION BURIED ELECTRIC" ON BURIED TELEPHONE.
29. ALL BOLTS SHALL BE STAINLESS STEEL.

GROUNDING NOTES

1. COMPRESSION CONNECTIONS (2) 5/16" BARE TINED SOLID COPPER CONDUCTORS TO GROUNDING BAR. ROUTE CONDUCTORS TO BURIED GROUNDING RING AND PROVIDE PARALLEL EXTERIORING WELD.
2. CO SHALL USE PERMANENT MARKER TO DRAW THE LINES BETWEEN EACH SECTION AND LABEL EACH SECTION (P.P., "A", "B", "C", "D", "E", "F", "G", "H", "I", "J", "K", "L", "M", "N", "O", "P", "Q", "R", "S", "T", "U", "V", "W", "X", "Y", "Z", "AA", "AB", "AC", "AD", "AE", "AF", "AG", "AH", "AI", "AJ", "AK", "AL", "AM", "AN", "AO", "AP", "AQ", "AR", "AS", "AT", "AU", "AV", "AW", "AX", "AY", "AZ", "BA", "BB", "BC", "BD", "BE", "BF", "BG", "BH", "BI", "BJ", "BK", "BL", "BM", "BN", "BO", "BP", "BQ", "BR", "BS", "BT", "BU", "BV", "BW", "BX", "BY", "BZ", "CA", "CB", "CC", "CD", "CE", "CF", "CG", "CH", "CI", "CJ", "CK", "CL", "CM", "CN", "CO", "CP", "CQ", "CR", "CS", "CT", "CU", "CV", "CW", "CX", "CY", "CZ", "DA", "DB", "DC", "DD", "DE", "DF", "DG", "DH", "DI", "DJ", "DK", "DL", "DM", "DN", "DO", "DP", "DQ", "DR", "DS", "DT", "DU", "DV", "DW", "DX", "DY", "DZ", "EA", "EB", "EC", "ED", "EE", "EF", "EG", "EH", "EI", "EJ", "EK", "EL", "EM", "EN", "EO", "EP", "EQ", "ER", "ES", "ET", "EU", "EV", "EW", "EX", "EY", "EZ", "FA", "FB", "FC", "FD", "FE", "FF", "FG", "FH", "FI", "FJ", "FK", "FL", "FM", "FN", "FO", "FP", "FQ", "FR", "FS", "FT", "FU", "FV", "FW", "FX", "FY", "FZ", "GA", "GB", "GC", "GD", "GE", "GF", "GG", "GH", "GI", "GJ", "GK", "GL", "GM", "GN", "GO", "GP", "GQ", "GR", "GS", "GT", "GU", "GV", "GW", "GX", "GY", "GZ", "HA", "HB", "HC", "HD", "HE", "HF", "HG", "HH", "HI", "HJ", "HK", "HL", "HM", "HN", "HO", "HP", "HQ", "HR", "HS", "HT", "HU", "HV", "HW", "HX", "HY", "HZ", "IA", "IB", "IC", "ID", "IE", "IF", "IG", "IH", "II", "IJ", "IK", "IL", "IM", "IN", "IO", "IP", "IQ", "IR", "IS", "IT", "IU", "IV", "IW", "IX", "IY", "IZ", "JA", "JB", "JC", "JD", "JE", "JF", "JG", "JH", "JI", "JJ", "JK", "JL", "JM", "JN", "JO", "JP", "JQ", "JR", "JS", "JT", "JU", "JV", "JW", "JX", "JY", "JZ", "KA", "KB", "KC", "KD", "KE", "KF", "KG", "KH", "KI", "KJ", "KL", "KM", "KN", "KO", "KP", "KQ", "KR", "KS", "KT", "KU", "KV", "KW", "KX", "KY", "KZ", "LA", "LB", "LC", "LD", "LE", "LF", "LG", "LH", "LI", "LJ", "LK", "LL", "LM", "LN", "LO", "LP", "LQ", "LR", "LS", "LT", "LU", "LV", "LW", "LX", "LY", "LZ", "MA", "MB", "MC", "MD", "ME", "MF", "MG", "MH", "MI", "MJ", "MK", "ML", "MM", "MN", "MO", "MP", "MQ", "MR", "MS", "MT", "MU", "MV", "MW", "MX", "MY", "MZ", "NA", "NB", "NC", "ND", "NE", "NF", "NG", "NH", "NI", "NJ", "NK", "NL", "NM", "NN", "NO", "NP", "NQ", "NR", "NS", "NT", "NU", "NV", "NW", "NX", "NY", "NZ", "OA", "OB", "OC", "OD", "OE", "OF", "OG", "OH", "OI", "OJ", "OK", "OL", "OM", "ON", "OO", "OP", "OQ", "OR", "OS", "OT", "OU", "OV", "OW", "OX", "OY", "OZ", "PA", "PB", "PC", "PD", "PE", "PF", "PG", "PH", "PI", "PJ", "PK", "PL", "PM", "PN", "PO", "PP", "PQ", "PR", "PS", "PT", "PU", "PV", "PW", "PX", "PY", "PZ", "QA", "QB", "QC", "QD", "QE", "QF", "QG", "QH", "QI", "QJ", "QK", "QL", "QM", "QN", "QO", "QP", "QQ", "QR", "QS", "QT", "QU", "QV", "QW", "QX", "QY", "QZ", "RA", "RB", "RC", "RD", "RE", "RF", "RG", "RH", "RI", "RJ", "RK", "RL", "RM", "RN", "RO", "RP", "RQ", "RR", "RS", "RT", "RU", "RV", "RW", "RX", "RY", "RZ", "SA", "SB", "SC", "SD", "SE", "SF", "SG", "SH", "SI", "SJ", "SK", "SL", "SM", "SN", "SO", "SP", "SQ", "SR", "SS", "ST", "SU", "SV", "SW", "SX", "SY", "SZ", "TA", "TB", "TC", "TD", "TE", "TF", "TG", "TH", "TI", "TJ", "TK", "TL", "TM", "TN", "TO", "TP", "TQ", "TR", "TS", "TT", "TU", "TV", "TW", "TX", "TY", "TZ", "UA", "UB", "UC", "UD", "UE", "UF", "UG", "UH", "UI", "UJ", "UK", "UL", "UM", "UN", "UO", "UP", "UQ", "UR", "US", "UT", "UU", "UV", "UW", "UX", "UY", "UZ", "VA", "VB", "VC", "VD", "VE", "VF", "VG", "VH", "VI", "VJ", "VK", "VL", "VM", "VN", "VO", "VP", "VQ", "VR", "VS", "VT", "VU", "VV", "VW", "VX", "VY", "VZ", "WA", "WB", "WC", "WD", "WE", "WF", "WG", "WH", "WI", "WJ", "WK", "WL", "WM", "WN", "WO", "WP", "WQ", "WR", "WS", "WT", "WU", "WV", "WW", "WX", "WY", "WZ", "XA", "XB", "XC", "XD", "XE", "XF", "XG", "XH", "XI", "XJ", "XK", "XL", "XM", "XN", "XO", "XP", "XQ", "XR", "XS", "XT", "XU", "XV", "XW", "XX", "XY", "XZ", "YA", "YB", "YC", "YD", "YE", "YF", "YG", "YH", "YI", "YJ", "YK", "YL", "YM", "YN", "YO", "YP", "YQ", "YR", "YS", "YT", "YU", "YV", "YW", "YX", "YY", "YZ", "ZA", "ZB", "ZC", "ZD", "ZE", "ZF", "ZG", "ZH", "ZI", "ZJ", "ZK", "ZL", "ZM", "ZN", "ZO", "ZP", "ZQ", "ZR", "ZS", "ZT", "ZU", "ZV", "ZW", "ZX", "ZY", "ZZ").
3. ALL HARDWARE 1/4" STAINLESS STEEL, INCLUDING LOCK WASHERS, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING. ALL HARDWARE SHALL BE STAINLESS STEEL 3/8" HIGH DIAMETER OR LARGER.
4. FOR GROUND RINGS TO STEEL ONLY, INSERT A CANNULIN FLAT WASHER BETWEEN LUG AND STEEL. COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING.
5. NUT & WASHER SHALL BE PLACED ON THE FRONT SIDE OF THE GROUNDING BAR AND BOLTED ON THE BACK SIDE.
6. NUMBER OF GROUNDING BARS MAY VARY DEPENDING ON THE TYPE OF TOWER, ANTENNA LOCATION, AND CONNECTION ORIENTATION PROVIDED AS REQUIRED.
7. WHEN THE SCOPE OF WORK REQUIRES THE ADDITION OF A GROUNDING BAR TO AN (E) TOWER, THE SUBCONTRACTOR SHALL OBTAIN APPROVAL FROM THE TOWER OWNER PRIOR TO MOUNTING THE GROUNDING BAR TO THE TOWER.
8. ALL ELECTRICAL AND GROUNDING AT THE CELL SITE SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 780 LATEST EDITION, AND MANUFACTURER'S.

SITE WORK & DRAINAGE

PART 1 - GENERAL

- 1.1. CLEANING, GRUBBING, STRIPPING, EROSION CONTROL, SURVEY, LAYOUT, SUBGRADE PREPARATION AND FINISH GRADING AS REQUIRED TO COMPLETE THE PROPOSED WORK SHOWN IN THESE PLANS.
- 1.2. REFERENCES:
A. DOT STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION-CURRENT EDITION.
B. ASTM (AMERICAN SOCIETY FOR TESTING AND MATERIALS).
C. OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION).
- 1.3. INSPECTION AND TESTING:
A. FIELD TESTING AND CONSTRUCTION OF CONCRETE AND CURBING SHALL BE PERFORMED BY SUBCONTRACTORS INDIVIDUALLY TESTING LAB. THIS WORK TO BE COORDINATED BY THE SUBCONTRACTOR.
B. ALL WORK SHALL BE INSPECTED AND RELEASED BY THE GENERAL CONTRACTOR WHO SHALL CARRY OUT THE GENERAL INSPECTION OF THE WORK WITH BUREAU OF CONSTRUCTION TO PROPER PROVISIONS OF THE WORK AS SPECIFIED AND/OR CALLED FOR ON THE DRAWINGS. IT IS THE SUBCONTRACTOR'S RESPONSIBILITY TO REQUEST TIMELY INSPECTIONS PRIOR TO PROCEEDING WITH FURTHER WORK THAT WOULD MAKE PARTS OF WORK UNACCESSIBLE OR DIFFICULT TO INSPECT.
- 1.4. SITE MAINTENANCE AND PROTECTION:
A. PROVIDE ALL NECESSARY JOB SITE MAINTENANCE FROM COMMENCEMENT OF WORK UNTIL COMPLETION OF THE SUBCONTRACT.
B. AVOID DAMAGE TO THE SITE AND TO (E) FACILITIES, STRUCTURES, TREES, AND SHRUBS DESIGNATED TO REMAIN. TAKE PROTECTIVE MEASURES TO PREVENT (E) FACILITIES THAT ARE NOT DESIGNATED FOR REMOVAL FROM BEING DAMAGED BY THE WORK.
C. KEEP SITE FREE OF ALL PONDING WATER.
D. PROVIDE EROSION CONTROL MEASURES IN ACCORDANCE WITH STATE DOT AND EPA REQUIREMENTS.
E. PROVIDE AND MAINTAIN ALL TEMPORARY FENCING, BARRICADES, WARNING SIGNALS AND SIMILAR DEVICES NECESSARY TO PROTECT AGAINST THEFT FROM PROPERTY DURING THE ENTIRE PERIOD OF CONSTRUCTION. REMOVE ALL SUCH DEVICES UPON COMPLETION OF THE WORK.
F. (E) UTILITIES: DO NOT INTERRUPT (E) UTILITIES SERVING FACILITIES OCCUPIED BY THE OWNER OR OTHERS, EXCEPT WHEN PERMITTED IN WRITING BY THE ENGINEER AND THEN ONLY AFTER ACCEPTABLE TEMPORARY UTILITY SERVICES HAVE BEEN PROVIDED.
G. PROVIDE A MINIMUM 48-HOUR NOTICE TO THE ENGINEER AND RECEIVE WRITTEN NOTICE TO PROCEED BEFORE INTERRUPTING ANY UTILITY SERVICE.

ENVIRONMENTAL NOTES

1. ALL WORK PERFORMED SHALL BE DONE IN ACCORDANCE WITH ISSUED PERMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF FEES AND PROPER CLEAN UP FOR AREAS IN VIOLATION.
2. CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL DURING CONSTRUCTION FOR PROTECTION OF ADJACENT PROPERTIES, HIGHWAYS AND WATERWAYS AND SHALL BE MAINTAINED IN PLACE THROUGH FINAL JURISDICTIONAL INSPECTION & RELEASE OF SITE. CONTRACTOR SHALL INSTALL/CONSTRUCT ALL NECESSARY SEDIMENTATION CONTROL FENCING AND PROTECTIVE MEASURES WITHIN THE LIMITS OF SITE DISTURBANCE PRIOR TO CONSTRUCTION.
3. NO SEDIMENT SHALL BE ALLOWED TO EXIT THE PROPERTY. THE CONTRACTOR IS RESPONSIBLE FOR TAKING ADEQUATE MEASURES FOR CONTROLLING EROSION. ADDITIONAL SEDIMENT CONTROL FENCING MAY BE REQUIRED IN ANY AREAS SUBJECT TO EROSION.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTIONS AND ANY REPAIRS OF ALL SEDIMENT CONTROL MEASURES INCLUDING SEDIMENT REMOVAL AS NECESSARY.
5. CLEANING OF VEGETATION AND TREE REMOVAL SHALL BE ONLY AS PERMITTED AND BE HELD TO A MINIMUM. ONLY TREES NECESSARY FOR CONSTRUCTION OF THE FACILITY SHALL BE REMOVED.
6. SEEDING AND MULCHING AND/OR SOILING OF THE SITE WILL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE PROJECT FACILITIES AFFECTING LAND DISTURBANCE.
7. CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT EMBANKMENTS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE SUCH MEASURES AS 50' FENCING, STRAW BALE SEDIMENT BARRIERS, AND CHECK DAMS.
8. RIP RAP OF SIZES INDICATED SHALL CONSIST OF CLEAN, HARD, ROUND, DURABLE, UNIFORM IN QUALITY STONE FREE OF ANY DETRIMENTAL QUANTITY OF SOIL, FOSILS, THIN, ELONGATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC MATTER, OIL, ALKALI OR OTHER DELICIOUS SUBSTANCES.



1587 CALLE AVANADO
SAN DIEGO, CA 92107 (619) 591-0500

DRAWN BY: MCM
CHECKED BY: MM

REV	DATE	DESCRIPTION	BY
0	08/03/2018	80% CDS FOR REVIEW	JJ

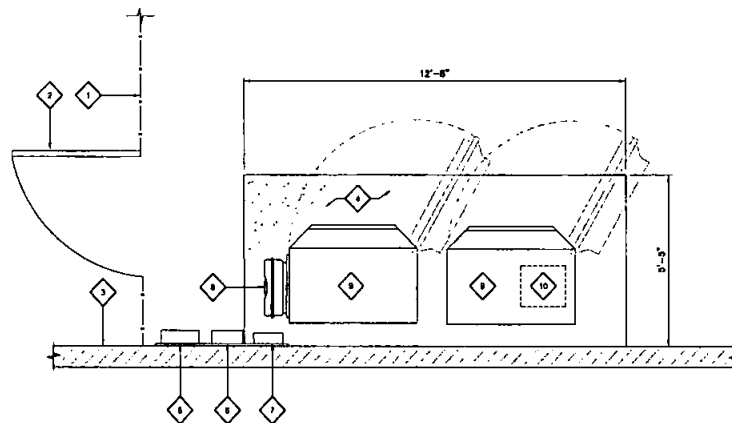
IF IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

L700 CMP4 4X2
SITE ID: SD06294A
MONTGOMERY - WALLER REC
3020 CORONADO AVE
SAN DIEGO, CA 92154
ROOFTOP

SHEET TITLE
GENERAL NOTES

SHEET NUMBER
GN-1

- 1 (C) CHARLINK FENCE ENCLOSURE
- 2 (C) CHARLINK ACCESS GATE
- 3 (C) BUILDING WALL
- 4 (C) T-MOBILE CONCRETE EQUIPMENT PAD
- 5 (C) T-MOBILE DISCONNECT SWITCH MOUNTED ON (E) UNISTRUT
- 6 (C) T-MOBILE POWER PANEL MOUNTED ON (E) UNISTRUT
- 7 (C) T-MOBILE TELCO PANEL MOUNTED ON (E) UNISTRUT
- 8 (C) T-MOBILE CEMA BOX MOUNTED ON (C) UNISTRUT
- 9 (C) T-MOBILE 6102 RBS CABINET; (2) TOTAL
- 10 (C) T-MOBILE DUS41 UNIT TO BE REMOVED FROM INSIDE (C) T-MOBILE CABINET; (2) TOTAL
- 11 (D) T-MOBILE BOWDO UNIT TO BE INSTALLED INSIDE (C) T-MOBILE CABINET; (2) TOTAL

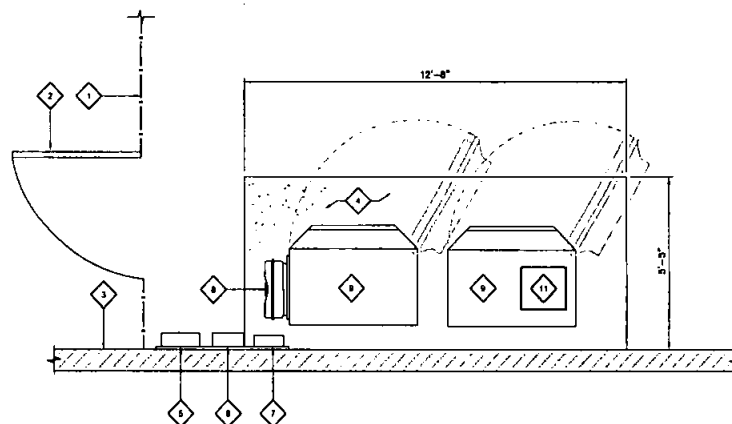


EXISTING EQUIPMENT LAYOUT

24"x36" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1" = 1'-0"



1



NEW EQUIPMENT LAYOUT

24"x36" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1" = 1'-0"



2

KEYNOTES:

T-Mobile

smartlink

M SQUARED
WIRELESS
1337 CALLE AVANZADO
SAN CLEMENTE CA 95072 (951) 891-8834

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L700 CMP4 4X2
SITE ID: SD06294A
MONTGOMERY - WALLER REC
3020 CORONADO AVE
SAN DIEGO, CA 92154
ROOFTOP

SHEET TITLE
EQUIPMENT LAYOUT

SHEET NUMBER

A-2

NEW OPTIMAL ANTENNA & TRANSMISSION CABLE REQUIREMENTS (VERIFY WITH CURRENT RECORDS)				ANTENNA MAKE AND MODEL		RAD CENTER		AZIMUTH		TRANSMISSION LINE	
ANTENNA POSITION	TECHNOLOGY	ANTENNA COUNT		EXISTING	FINAL	EXISTING	FINAL	EXISTING	FINAL	CABLE LENGTH	FEEDER TYPE
SECTOR A	1	1	UPPER/LOWER/RELOCATED	ERICSSON AIR32 866A/B2A (OCTO)	(M) COMBICOPE-FFH41-85A-83 (OCTO)	32°-7'	32°-7'	330'	330'	877'	(E) HYBRID
2	1	1	L2100, L1900	ANDREW - TMDX-8518-A2M (QUAD)	(E) ERICSSON AIR32 866A/B2A (OCTO)	32°-7'	32°-7'	330'	330'	881'	(E) HYBRID
3	1	1	UPPER/LOWER/RELOCATED	ERICSSON AIR32 866A/B2A (OCTO)	(M) COMBICOPE-FFH41-85A-83 (OCTO)	32°-7'	32°-7'	330'	330'	877'	(E) HYBRID
4	1	1	L2100, L1900	ANDREW - TMDX-8518-A2M (QUAD)	(E) ERICSSON AIR32 866A/B2A (OCTO)	32°-7'	32°-7'	330'	330'	881'	(E) HYBRID
SECTOR B	1	1	UPPER/LOWER/RELOCATED	ERICSSON AIR32 866A/B2A (OCTO)	(M) COMBICOPE-FFH41-85A-83 (OCTO)	32°-7'	32°-7'	330'	330'	877'	(E) HYBRID
2	1	1	L2100, L1900	ANDREW - TMDX-8518-A2M (QUAD)	(E) ERICSSON AIR32 866A/B2A (OCTO)	32°-7'	32°-7'	330'	330'	881'	(E) HYBRID
3	1	1	UPPER/LOWER/RELOCATED	ERICSSON AIR32 866A/B2A (OCTO)	(M) COMBICOPE-FFH41-85A-83 (OCTO)	32°-7'	32°-7'	330'	330'	877'	(E) HYBRID
4	1	1	L2100, L1900	ANDREW - TMDX-8518-A2M (QUAD)	(E) ERICSSON AIR32 866A/B2A (OCTO)	32°-7'	32°-7'	330'	330'	881'	(E) HYBRID
SECTOR C	1	1	UPPER/LOWER/RELOCATED	ERICSSON AIR32 866A/B2A (OCTO)	(M) COMBICOPE-FFH41-85A-83 (OCTO)	32°-7'	32°-7'	330'	330'	877'	(E) HYBRID
2	1	1	L2100, L1900	ANDREW - TMDX-8518-A2M (QUAD)	(E) ERICSSON AIR32 866A/B2A (OCTO)	32°-7'	32°-7'	330'	330'	881'	(E) HYBRID
3	1	1	UPPER/LOWER/RELOCATED	ERICSSON AIR32 866A/B2A (OCTO)	(M) COMBICOPE-FFH41-85A-83 (OCTO)	32°-7'	32°-7'	330'	330'	877'	(E) HYBRID
4	1	1	L2100, L1900	ANDREW - TMDX-8518-A2M (QUAD)	(E) ERICSSON AIR32 866A/B2A (OCTO)	32°-7'	32°-7'	330'	330'	881'	(E) HYBRID

REMOTE RADIO UNITS				DC CABLES	
ANTENNA POSITION	RFR MAKE AND MODEL	RFRS COUNT	LENGTH	AWG	
SECTOR A	(N) 4448 B71+B12	1	80'		
2					
3					
4					
SECTOR B	(N) 4448 B71+B12	1	80'		
2					
3					
4					
SECTOR C	(N) 4448 B71+B12	1	80'		
2					
3					
4					
SECTOR D	(N) 4448 B71+B12	1	80'		
2					
3					
4					

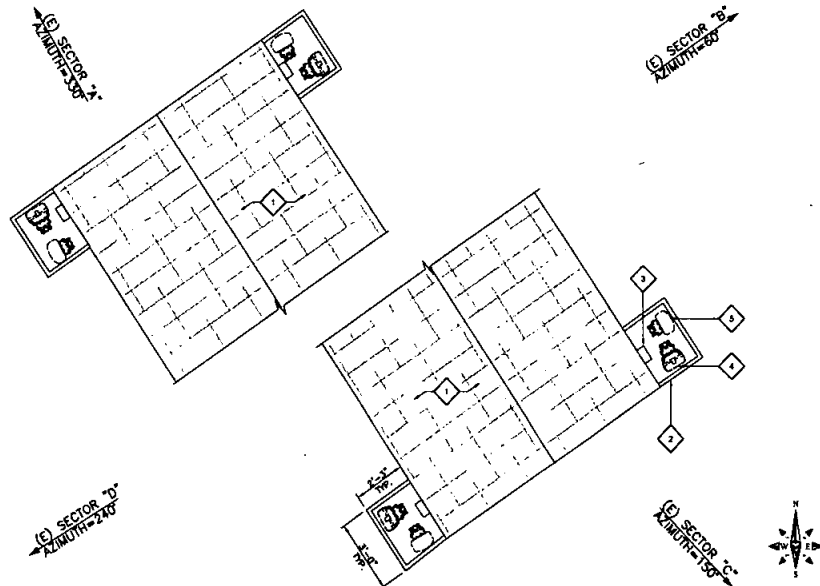
TOWER MOUNTED AMPLIFIER				DC CABLES	
ANTENNA POSITION	TMA MAKE AND MODEL	TMA COUNT	LENGTH	AWG	
SECTOR A	(E) TWIN AHS TMA	1	80'		
2					
3					
4					
SECTOR B	(E) TWIN AHS TMA	1	80'		
2					
3					
4					
SECTOR C	(E) TWIN AHS TMA	1	80'		
2					
3					
4					
SECTOR D	(E) TWIN AHS TMA	1	80'		
2					
3					
4					

NOTE:

- (E) ANTENNA AZIMUTHS ARE ESTIMATED AND ARE TO BE VERIFIED BY RF.
- NEW PANEL ANTENNAS AND ALL MOUNTING HARDWARE TO BE PAINTED TO MATCH EXISTING STRUCTURE IF REQUIRED. VERIFY PAINT MANUFACTURER AND FINISH WITH OWNER.

NOTE:

PRIOR TO ORDERING ANTENNAS VERIFY CORRECT MODEL NUMBER WITH LATEST RFOR AND NOTIFY ENGINEER OF RECORD IMMEDIATELY IF DISCREPANCY IS FOUND.



ANTENNA & EQUIPMENT SCHEDULE

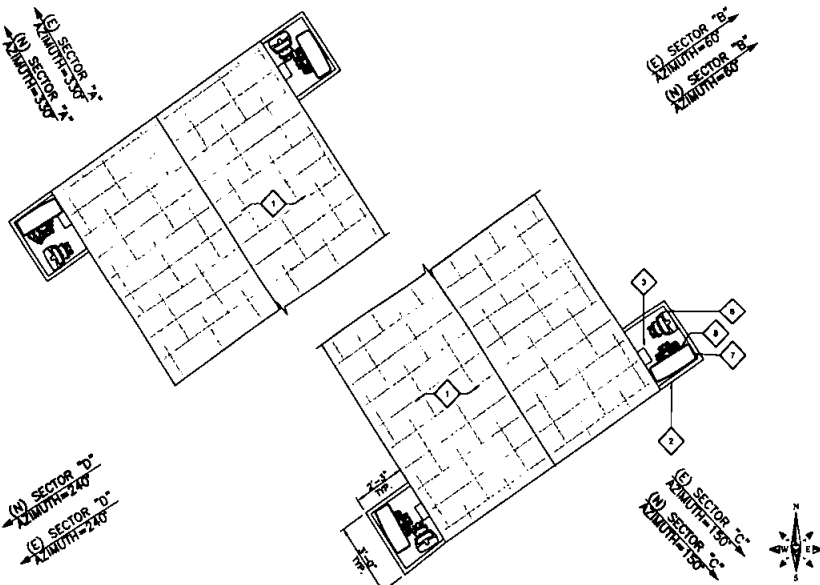
- (E) BUILDING ROOFTOP, TYP.
- (E) FRP SCREEN BOX TO REMAIN
- (E) T-MOBILE TWIN AHS TMA TO REMAIN:
(1) PER SECTOR, (4) TOTAL (TYP.)
- (E) T-MOBILE AIR32 ANTENNA TO BE RELOCATED:
(1) PER SECTOR, (4) TOTAL (TYP.)
- (E) T-MOBILE PANEL ANTENNA TO BE REMOVED AND REPLACED:
(1) PER SECTOR, (4) TOTAL (TYP.)
- RELOCATED (E) T-MOBILE AIR32 ANTENNA:
(1) PER SECTOR, (4) TOTAL (TYP.)
- (N) T-MOBILE 4'-0" PANEL ANTENNA MOUNTED ON (N) PIPE MOUNT; (1) PER SECTOR, (4) TOTAL (TYP.)
- (N) T-MOBILE 4448 B71'S MOUNTED ON (N) PIPE MOUNT; (1) PER SECTOR, (4) TOTAL (TYP.)

- NOTE:**
- CONTRACTOR TO VERIFY APPROVED STRUCTURAL ANALYSIS PRIOR TO INSTALLATION.
 - CONTRACTOR TO VERIFY ANTENNA TECHNOLOGIES PRIOR TO REMOVAL OF ANY ANTENNAS.
 - CONTRACTOR TO SUPPLY WEATHERPROOFING FOR CONNECTIONS.
 - GENERAL CONTRACTOR TO PROVIDE MOUNTS OR ADDITIONAL HARDWARE IF REQUIRED TO SUPPORT PROPOSED ANTENNAS. ALL ANTENNAS & MOUNTING HARDWARE SHALL CONFORM TO DESIGN REQUIREMENTS PER 2013 IBC2018 CBC AND IBC2018-222-G STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES.

- NOTES TO CONTRACTOR:**
- CONTRACTOR IS TO REFER TO T-MOBILE'S MOST CURRENT RADIO FREQUENCY DATA SHEET (RFRS) PRIOR TO CONSTRUCTION.
 - CABLE LENGTHS WERE DETERMINED BASED ON VISUAL INSPECTION DURING SITE WALK. CONTRACTOR TO VERIFY ACTUAL LENGTH DURING PRE-CONSTRUCTION WALK.
 - CONTRACTOR TO VERIFY PORTS HAVE SUFFICIENT ROOM.

EXISTING ANTENNA PLAN

24"x36" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/4" = 1'-0"



KEYNOTES:

NEW ANTENNA PLAN

24"x36" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/4" = 1'-0"

1387 CALLE AVAREZADO
SAN CLEMENTE CA 95073 (PH) 391-6534

DRAWN BY: MCM
CHECKED BY: MM

REV	DATE	DESCRIPTION	BY
0	08/03/2019	50% CDR FOR REVIEW	AI

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L700 CMP4 4X2
SITE ID: SD06294A
MONTGOMERY - WALLER REC
3020 CORONADO AVE
SAN DIEGO, CA 92154
ROOFTOP

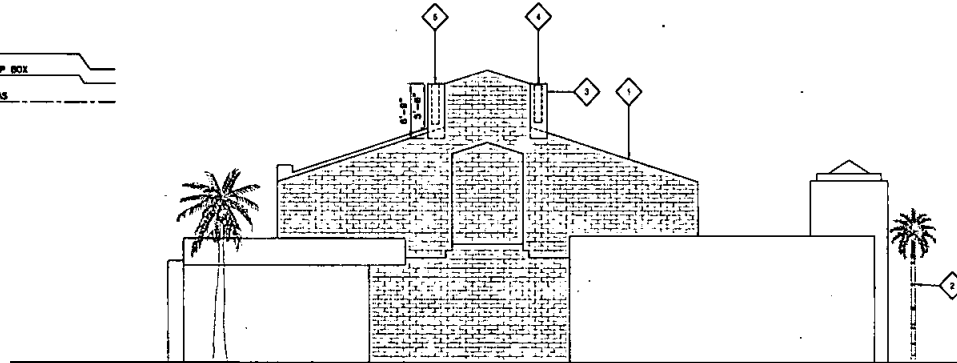
SHEET TITLE
ANTENNA LAYOUT

SHEET NUMBER
A-3

- 1 (C) BUILDING
 2 (C) TREE (TYP.)
 3 (C) FRP SCREEN BOX TO REMAIN
 4 (C) T-MOBILE AIR32 ANTENNA TO BE RELOCATED:
 (1) PER SECTOR, (4) TOTAL (TYP.)
 5 (C) T-MOBILE PANEL ANTENNA TO BE REMOVED AND REPLACED:
 (1) PER SECTOR, (4) TOTAL (TYP.)
 6 RELOCATED (C) T-MOBILE AIR32 ANTENNA:
 (1) PER SECTOR, (4) TOTAL (TYP.)
 7 (C) T-MOBILE 4'-0" PANEL ANTENNA MOUNTED
 ON (C) PIPE MOUNT (1) PER SECTOR,
 (4) TOTAL (TYP.)
 8 (C) T-MOBILE 4448 FRP'S MOUNTED ON (C) PIPE
 MOUNT: (1) PER SECTOR, (4) TOTAL (TYP.)

TOP OF EXISTING BUILDING
 238'-8" A.G.L.
 TOP OF EXISTING T-MOBILE PANEL ANTENNAS & FRP BOX
 235'-0" A.G.L.
 RAO CENTER OF EXISTING T-MOBILE PANEL ANTENNAS
 234'-7" A.G.L.

GROUND LEVEL
 0'-0" A.G.L.



EXISTING SOUTHEAST ELEVATION

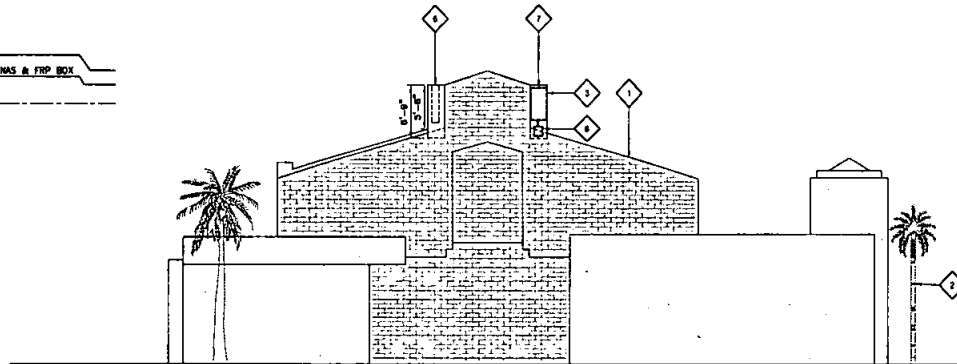
24"x36" SCALE: 1/8" = 1'-0"
 11"x17" SCALE: 1/4" = 1'-0"



1

TOP OF EXISTING BUILDING
 238'-8" A.G.L.
 TOP OF NEW AND EXISTING T-MOBILE PANEL ANTENNAS & FRP BOX
 235'-0" A.G.L.
 RAO CENTER OF NEW T-MOBILE PANEL ANTENNAS
 234'-7" A.G.L.

GROUND LEVEL
 0'-0" A.G.L.



NEW SOUTHEAST ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
 11"x17" SCALE: 1/4" = 1'-0"



2

KEYNOTES

T-Mobile

smartlink

M SQUARED
 WIRELESS
 1387 CALLE AVANZADO
 SAN CLEMENTE CA 92673 (949) 371-4024

DRAWN BY: MCM

CHECKED BY: MM

REV	DATE	DESCRIPTION	BY
0	08/03/2019	50% CDS FOR REVIEW	JJ

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS
 THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED
 PROFESSIONAL ENGINEER, TO ALTER THIS COLLAGE.

L700 CMP4 4X2
 SITE ID: SD06294A
 MONTGOMERY - WALLER REC
 3020 CORONADO AVE
 SAN DIEGO, CA 92154
 ROOFTOP

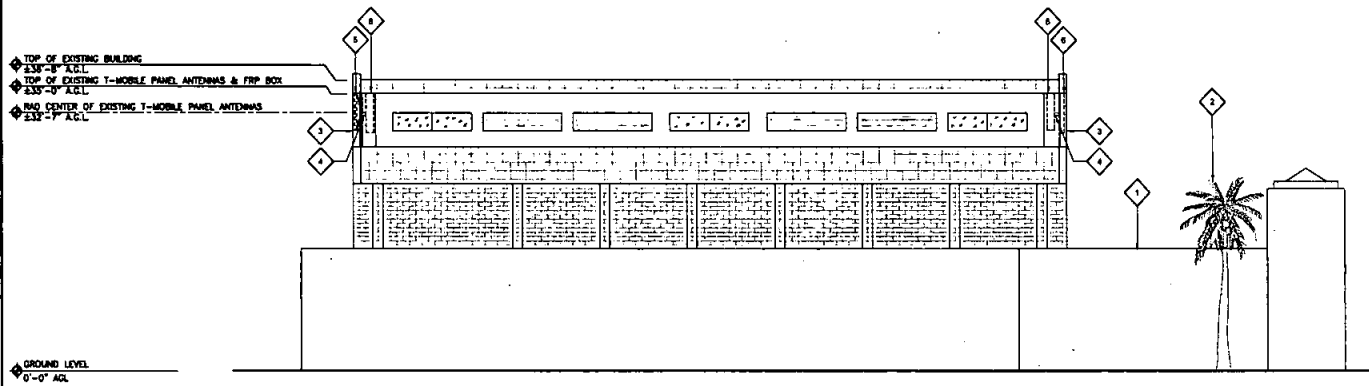
SHEET TITLE

ELEVATIONS

SHEET NUMBER

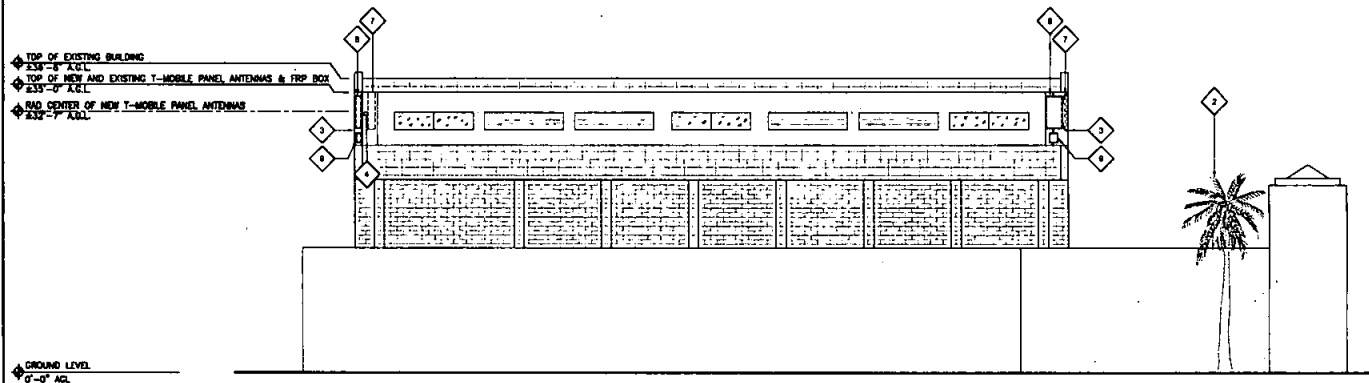
A-4

- 1 (E) BUILDING
- 2 (E) TREE (TYP.)
- 3 (E) FRP SCREEN BOX TO REMAIN
- 4 (E) T-MOBILE TWIN AIRS TYP. TO REMAIN:
(1) PER SECTOR, (4) TOTAL (TYP.)
- 5 (E) T-MOBILE AIR32 ANTENNA TO BE RELOCATED:
(1) PER SECTOR, (4) TOTAL (TYP.)
- 6 (E) T-MOBILE PANEL ANTENNA TO BE REMOVED AND REPLACED:
(1) PER SECTOR, (4) TOTAL (TYP.)
- 7 RELOCATED (E) T-MOBILE AIR32 ANTENNA:
(1) PER SECTOR, (4) TOTAL (TYP.)
- 8 (E) T-MOBILE 4'-0" PANEL ANTENNA MOUNTED ON (E) PIPE MOUNT (1) PER SECTOR, (4) TOTAL (TYP.)
- 9 (E) T-MOBILE 4448 RWTS MOUNTED ON (E) PIPE MOUNT (1) PER SECTOR, (4) TOTAL (TYP.)



EXISTING NORTHEAST ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"



NEW NORTHEAST ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

KEYNOTES

T-Mobile

smartlink

M SQUARE
WIRELESS
1387 CALLE AVANZADO
SAN CLEMENTE CA 92673 (949) 391-8824

DRAWN BY: MDM
CHECKED BY: MM

REV	DATE	DESCRIPTION	BY
0	08/02/2010	80% CDS FOR REVIEW	JJ

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL, TO ALTER THIS DOCUMENT.

L700 CMP4 4X2
SITE ID: SD06294A
MONTGOMERY - WALLER REC
3020 CORONADO AVE
SAN DIEGO, CA 92154
ROOFTOP

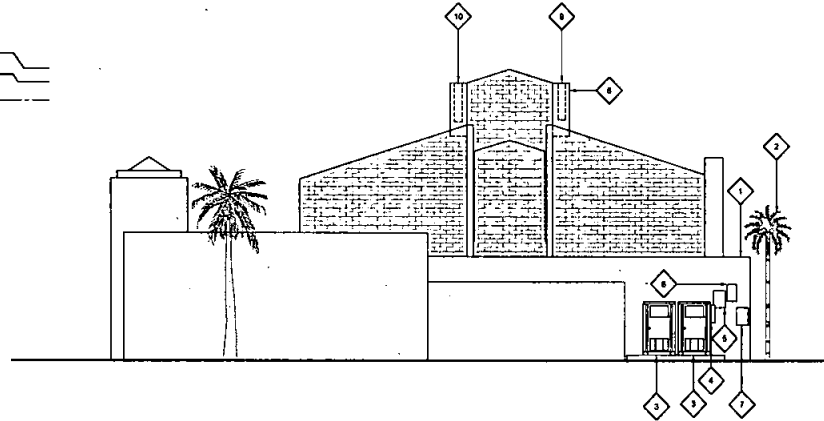
SHEET TITLE
ELEVATIONS

SHEET NUMBER
A-5

- 1 (E) BUILDING
- 2 (E) TREE (TYP.)
- 3 (E) T-MOBILE 6102 RRS CABINET; (2) TOTAL
- 4 (E) T-MOBILE CENX BOX MOUNTED ON (E) UNISTRUT
- 5 (E) T-MOBILE TELCO PANEL MOUNTED ON (E) UNISTRUT
- 6 (E) T-MOBILE POWER PANEL MOUNTED ON (E) UNISTRUT
- 7 (E) T-MOBILE DISCONNECT SWITCH MOUNTED ON (E) UNISTRUT
- 8 (E) FRP SCREEN BOX TO REMAIN
- 9 (E) T-MOBILE AIR32 ANTENNA TO BE RELOCATED; (1) PER SECTOR, (4) TOTAL (TYP.)
- 10 (E) T-MOBILE PANEL ANTENNA TO BE REMOVED AND REPLACED; (1) PER SECTOR, (4) TOTAL (TYP.)
- 11 RELOCATED (E) T-MOBILE AIR32 ANTENNA; (1) PER SECTOR, (4) TOTAL (TYP.)
- 12 (N) T-MOBILE 4'-0" PANEL ANTENNA MOUNTED ON (N) PIPE MOUNT; (1) PER SECTOR, (4) TOTAL (TYP.)
- 13 (N) T-MOBILE 4448 RRM78 MOUNTED ON (N) PIPE MOUNT; (1) PER SECTOR, (4) TOTAL (TYP.)

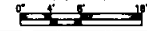
TOP OF EXISTING BUILDING
 230'-0" A.S.L.
 TOP OF EXISTING T-MOBILE PANEL ANTENNAS & FRP BOX
 235'-0" A.S.L.
 500' CENTER OF EXISTING T-MOBILE PANEL ANTENNAS
 230'-7" A.S.L.

GROUND LEVEL
 0'-0" A.S.L.



EXISTING NORTHWEST ELEVATION

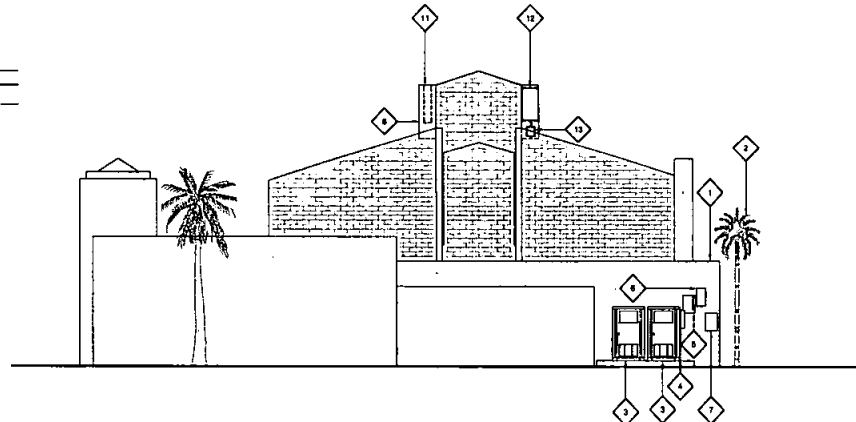
24'x36" SCALE: 1/8" = 1'-0"
 11'x17" SCALE: 1/4" = 1'-0"



1

TOP OF EXISTING BUILDING
 230'-0" A.S.L.
 TOP OF NEW AND EXISTING T-MOBILE PANEL ANTENNAS & FRP BOX
 235'-0" A.S.L.
 500' CENTER OF NEW T-MOBILE PANEL ANTENNAS
 230'-7" A.S.L.

GROUND LEVEL
 0'-0" A.S.L.



NEW NORTHWEST ELEVATION

24'x36" SCALE: 1/8" = 1'-0"
 11'x17" SCALE: 1/4" = 1'-0"



2

KEYNOTES

T-Mobile

smartlink

M SQUARE
 WIRELESS
 1337 CALLE AVAREADO
 SAN CLEMENTE CA 92673 (949) 391-9524

DRAWN BY: MCM
 CHECKED BY: MM

REV	DATE	DESCRIPTION	BY
0	08/23/19	80% CDR FOR REVIEW	AJ

IT IS A VIOLATION OF LAW FOR ANY PERSON, OTHER THAN THE DESIGNER, TO ALTER THIS DOCUMENT.

L700 CMP4 4X2
 SITE ID: SD06294A
 MONTGOMERY - WALLER REC
 3020 CORONADO AVE
 SAN DIEGO, CA 92154
 ROOFTOP

SHEET TITLE
 ELEVATIONS

SHEET NUMBER
 A-6

- 1 (C) BUILDING
- 2 (C) TREE (TYP.)
- 3 (C) CHAINLINK FENCE ENCLOSURE
- 4 (C) CHAINLINK ACCESS GATE
- 5 (E) FRP SCREEN BOX TO REMAIN
- 6 (C) T-MOBILE TWIN ARCS TMA TO REMAIN:
(1) PER SECTOR, (4) TOTAL (TYP.)
- 7 (C) T-MOBILE AIR32 ANTENNA TO BE RELOCATED:
(1) PER SECTOR, (4) TOTAL (TYP.)
- 8 (E) T-MOBILE PANEL ANTENNA TO BE REMOVED AND REPLACED:
(1) PER SECTOR, (4) TOTAL (TYP.)
- 9 RELOCATED (C) T-MOBILE AIR32 ANTENNA:
(1) PER SECTOR, (4) TOTAL (TYP.)
- 10 (D) T-MOBILE 4'-0" PANEL ANTENNA MOUNTED
ON (D) PIPE MOUNT (1) PER SECTOR,
(4) TOTAL (TYP.)
- 11 (D) T-MOBILE 4440 BERTS MOUNTED ON (D) PIPE
MOUNT (1) PER SECTOR, (4) TOTAL (TYP.)

TOP OF EXISTING BUILDING
238'-8" A.G.L.
TOP OF EXISTING T-MOBILE PANEL ANTENNAS & FRP BOX
235'-0" A.G.L.
END CENTER OF EXISTING T-MOBILE PANEL ANTENNAS
232'-7" A.G.L.

GROUND LEVEL
0'-0" A.G.L.

EXISTING SOUTHWEST ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"



1

TOP OF EXISTING BUILDING
238'-8" A.G.L.
TOP OF NEW AND EXISTING T-MOBILE PANEL ANTENNAS & FRP BOX
235'-0" A.G.L.
END CENTER OF NEW T-MOBILE PANEL ANTENNAS
232'-7" A.G.L.

GROUND LEVEL
0'-0" A.G.L.

NEW SOUTHWEST ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"



2

KEYNOTES

T-Mobile

smartlink

M SQUARE
WIRELESS
1557 CALLE AVANZADO
SAN CLEMENTE CA 95073 (949) 391-8524

DRAWN BY: MCM
CHECKED BY: MM

REV	DATE	DESCRIPTION	BY
0	06/20/19	FOR CDS FOR REVIEW	JL

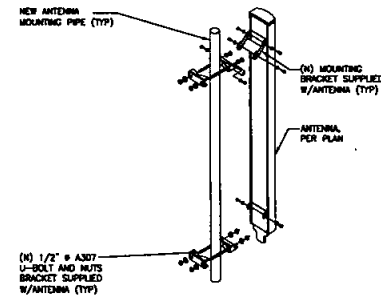
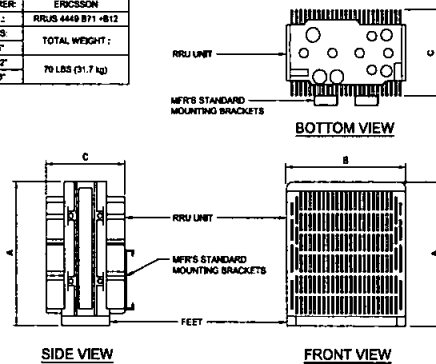
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS
PROVIDED AND SIGNED UNDER THE SUPERVISION OF A LICENSED
PROFESSIONAL, ENGINEER, TO ALTER THIS DOCUMENT.

L700 CMP4 4X2
SITE ID: SD06294A
MONTGOMERY - WALLER REC
3020 CORONADO AVE
SAN DIEGO, CA 92154
ROOFTOP

SHEET TITLE
ELEVATIONS

SHEET NUMBER
A-7

MANUFACTURER:	ERICSSON
MODEL NO.:	RRUS 4449 B71 +B12
DIMENSIONS:	TOTAL WEIGHT:
A	15"
B	13.2"
C	9.3"
	70 LBS (31.7 kg)



NOT USED

24"x36" SCALE: NTS
11"x17" SCALE: NTS

7

ERICSSON RRUS 4449 B71 + B12

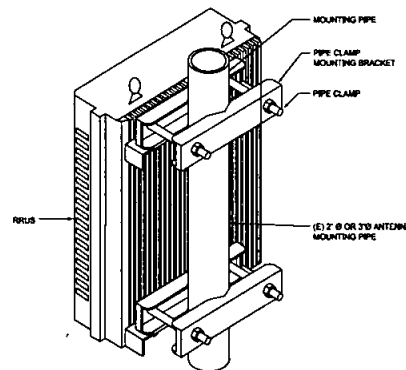
24"x36" SCALE: NTS
11"x17" SCALE: NTS

4

ANTENNA MOUNTING DETAIL

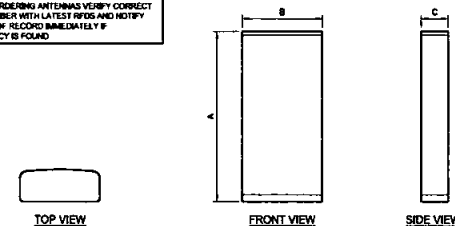
24"x36" SCALE: NTS
11"x17" SCALE: NTS

1



MANUFACTURER:	COMMSCOPE
MODEL NO.:	FFHH-65A-R3
CONNECTION TYPE:	4.3-TO FEMALE
CONNECTION LOCATION:	72.8 LBS
CONNECTION LOCATION:	72.8 LBS

NOTE:
PRIOR TO ORDERING ANTENNAS VERIFY CORRECT
MODEL NUMBER WITH LATEST RFOS AND NOTIFY
ENGINEER OR RECORD IMMEDIATELY IF
DISCREPANCY IS FOUND.



NOT USED

24"x36" SCALE: NTS
11"x17" SCALE: NTS

8

(N) RRUS MOUNTING DETAIL

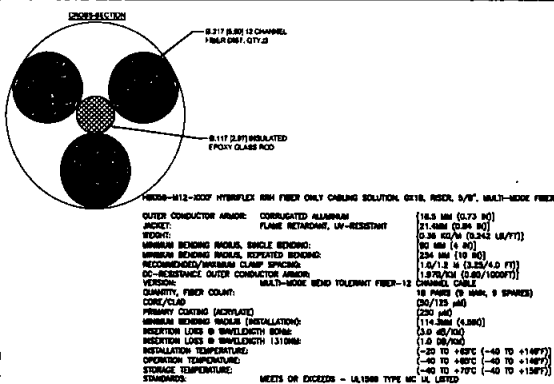
24"x36" SCALE: NTS
11"x17" SCALE: NTS

5

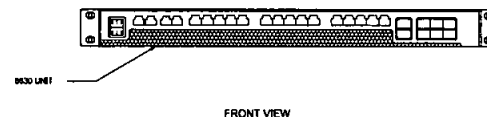
COMMSCOPE FFHH-65A-R3

24"x36" SCALE: NTS
11"x17" SCALE: NTS

2

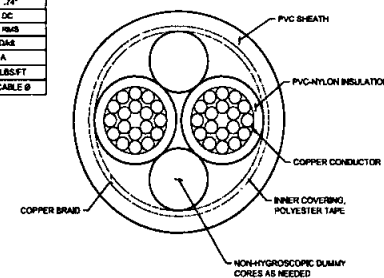


MANUFACTURER:	ERICSSON
MODEL NO.:	6630 UNIT
DIMENSIONS (DOVYD):	1.75" X 19" X 13.7" INCHES
WEIGHT:	14.3 LBS



* INSTALLED INSIDE NEW LITE BACK / CABINET

MANUFACTURER:	ERICSSON
MODEL NO.:	UTC018_800M
OUTER DIAMETER (NOMINALS):	.68"
OUTER DIAMETER (MIN):	.64"
OUTER DIAMETER (MAX):	.74"
OPERATING VOLTAGE:	48 V DC
MAX RATED VOLTAGE:	0.6 V RMS
RESISTANCE:	0.40 OHM
CURRENT RATING:	75 A
NOMINAL CABLE WEIGHT:	.351 LBS/FT
MIN BENDING RADIUS:	10 X CABLE Ø



FIBER CABLE

24"x36" SCALE: NTS
11"x17" SCALE: NTS

9

(N) 6630 UNIT

24"x36" SCALE: NTS
11"x17" SCALE: NTS

6

6AWG DC PAIR CABLE

24"x36" SCALE: NTS
11"x17" SCALE: NTS

3

T-Mobile

smartlink

M SQUARE WIRELESS
1337 GALLS AVENUE
SAN CLEMENTE CA 92673 (949) 391-6834

DRAWN BY: MCM

CHECKED BY: MM

REV DATE DESCRIPTION BY

1 09/03/2018 80% CDS FOR REVIEW JJ

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THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED
PROFESSIONAL, ENGINEER, TO ALTER THIS DOCUMENT.

L700 CMP4 4X2
SITE ID: SD06294A
MONTGOMERY - WALLER REC
3020 CORONADO AVE
SAN DIEGO, CA 92154
ROOFTOP

SHEET TITLE

DETAILS

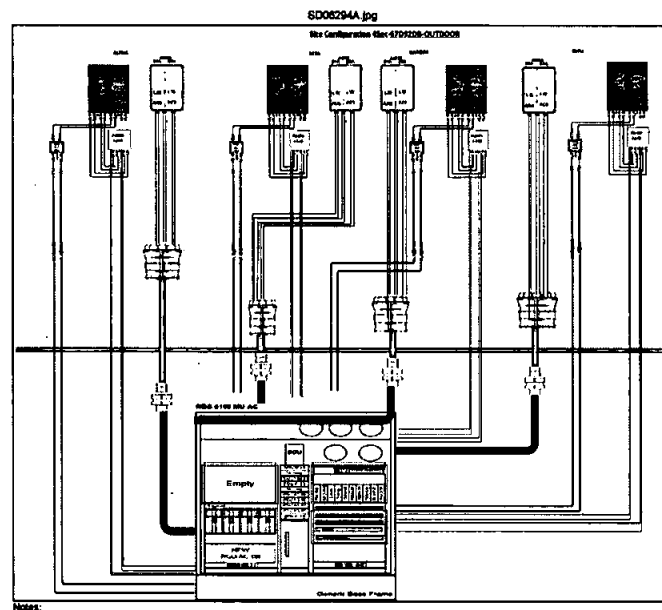
SHEET NUMBER

D-1

			1987 GALLS AVENUE SAN CLAYTON, CA 94077 (949) 941-0504 Drawn By: MM Checked By: MM <table border="1" style="width: 100%;"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>08030218</td> <td>80% CDS FOR REVIEW</td> <td>AJ</td> </tr> </tbody> </table>	REV	DATE	DESCRIPTION	BY	0	08030218	80% CDS FOR REVIEW	AJ
REV	DATE	DESCRIPTION	BY								
0	08030218	80% CDS FOR REVIEW	AJ								
TYPICAL CADWELD TYPES	GROUNDING BAR CONNECTION	GROUNDING BAR DETAIL									
NOT USED			IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT. L700 CMP4 4X2 SITE ID: SD08294A MONTGOMERY - WALLER REC 3020 CORONADO AVE SAN DIEGO, CA 92154 ROOFTOP								
NOT USED	ANTENNA GROUNDING PLAN	GROUNDING WIRE CONNECTION									
NOT USED			SHEET TITLE GROUNDING DETAILS SHEET NUMBER G-1								
NOT USED	COAX GROUND KIT	WIRE TO GROUND BAR CONNECTION									

DocuSign Envelope ID: 0A3D18D9-98FC-44FE-B7F6-B0B15CD30F68
SD06294A_L700_CMP4 - 4x2_4.2_2019-05-28

Section 3 - Proposed Template Images



T-Mobile

smartlink

M SQUARE
WIRELESS
1837 DALLS AVENUE
SAN CLAYMONT, CA 92073 (619) 591-8828

DRAWN BY: MCM

CHECKED BY: MM

REV	DATE	DESCRIPTION	BY
1	05/02/2019	SD06294A FOR REVIEW	AJ

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THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED
PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

L700 CMP4 4X2
SITE ID: SD06294A
MONTGOMERY - WALLER REC
3020 CORONADO AVE
SAN DIEGO, CA 92154
ROOFTOP

SHEET TITLE
CABLE LINE DIAGRAM

SHEET NUMBER

RF-1

CABLE LINE DIAGRAM

24"x36" SCALE: NTS
11"x17" SCALE: NTS

1