



Real Estate Assets

REQUEST FOR PRELIMINARY REVIEW

for installation/modification of Wireless Communication Facility on City-owned property

06/10/2021

Date

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

RE: Site Name: Winterwood Park Project # SD07118A
Site Address: 7540 Winterwood Lane, San Diego (the "Property")
Agreement: Agreement dated 04/27/2017 (the "agreement") between The City of San Diego ("City") and Mobilitie Investments III, LLC, ("Lessee" or "Permittee" or "Licensee").

Mobilitie Investments III, LLC 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.
- ☐ Apply for New Permit/New Agreement on existing facility – with modifications or changes to existing equipment or site.

Describe proposed project below:

Our tenant T-Mobile would like to make the following changes to the existing installation:

1. Complete equipment changes inside the existing shelter will not exceed the confines of the shelter
2. Complete equipment changes on the tower include:
 - Swapping out (6) existing antennas for (6) new antennas
 - Swapping out (3) existing radios for (6) new radios

Pursuant to Improvements and Alterations, section of the above referenced agreement, *Lessee/ Permittee/Licensee 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, Mobilitie Investments III, LLC would like to request City's consent to submit to Development Services Department for review of the proposed items above.

Sincerely, Chris Connell, agent for Mobilitie Investments III, LLC.

Applicant Signature: Chris Connell Digitally signed by Chris Connell
Date: 2021.06.10 13:51:49 -04'00'

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

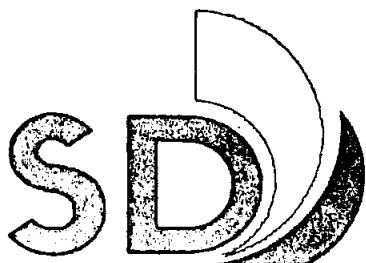
City Parks and Recreation Department has provided its consent and approval to allow applicant to submit application for Required Permits needed for the proposed items listed herein, **with the understanding that the Department will be allowed to review the improvement plans prior to any permits being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

<u>07/13/2021</u>	<u>Shelly Stowell, Deputy Director</u>	<u>Shelly Stowell</u> Digitally signed by Shelly Stowell Date: 2021.07.13 08:09:03 -07'00'
Date	Print Name & Title	Signature

City of San Diego, acknowledgment and consent for Winterwood Park
Site Location

<u>7/19/21</u>	<u>Penny Maus, Director, Real Estate Assets</u>	<u>[Signature]</u>
Date	Print Name & Title	Signature

For READ ONLY	
☐	Approved and Stamped plans received and attached
☒	Scan as Amendment to Agreement when executed
☐	Processing fee received



Real Estate Assets



SITE NUMBER: SD07118A
SITE NAME: WINTERWOOD PARK
ADDRESS: 7540 WINTERWOOD LANE
SAN DIEGO, CA 92126
JURISDICTION: CITY OF SAN DIEGO
PROJECT: ANCHOR

T-Mobile

1500 VISTA TORRETO PKWY #208
SAN DIEGO, CA 92111
T-MOBILE.COM

MD7

MD7, LLC
10080 West Ocean Air Dr., Suite 300
San Diego, CA 92130
(619) 554-7428

PROJECT CONTACTS

APPLICANT:
T-MOBILE USA
10509 VISTA SORRENTO PKWY STE 208
SAN DIEGO, CA 92121

PROPERTY OWNER:
CITY OF SAN DIEGO
202 C STREET
SAN DIEGO, CA 92101

CONTACT:
PHONE:
EMAIL:

ZONING/PERMITTING AGENT:
MD7
10509 WEST OCEAN AIR DRIVE
SUITE 300
SAN DIEGO, CA 92130
CONTACT: DELILAH BRUZZEE
PHONE: (858) 799-0573
EMAIL: dbruze@md7.com

SITE ACQUISITION AGENT:
MD7
10509 WEST OCEAN AIR DRIVE
SUITE 300
SAN DIEGO, CA 92130
CONTACT: JOHN STURGES
PHONE: (619) 947-0782
EMAIL: stjurg@md7.com

CONSTRUCTION MANAGER:
T-MOBILE USA
10509 VISTA SORRENTO PKWY STE 208
SAN DIEGO, CA 92121
CONTACT: MIKE SEBESTA
PHONE: (760) 944-1027
EMAIL: michael.sebesta1@t-mobile.com

RF ENGINEER:
T-MOBILE USA
10509 VISTA SORRENTO PKWY STE 208
SAN DIEGO, CA 92121
CONTACT: SWATI VIJAYVARGIYA
EMAIL: swati.vijayvargiya1@t-mobile.com

ENGINEER:
MAGARAM ENGINEERING, LLC
4491 HOLLY AVE
FAIRFAX, VA 22030
CONTACT: BRETT MAGARAM, PE
PHONE: (914) 450-8416
EMAIL: brett@magaramengineering.com

PROJECT INFORMATION

SITE NAME: WINTERWOOD PARK
SITE NUMBER: SD07118A
SITE ADDRESS: 7540 WINTERWOOD LANE
SAN DIEGO, CA 92126
JURISDICTION: CITY OF SAN DIEGO
COUNTY: CO. OF SAN DIEGO
COORDINATES: 32.238300
-117.1605000
APN: 311-211-06-00
CONSTRUCTION TYPE: N/A
ZONING CLASSIFICATION: OPA-1-I
PROPOSED USE: UNMANNED TELECOMMUNICATION FACILITY
LEGAL DESCRIPTION: REFER TO SHEET 1/1-3.0

DRIVING DIRECTIONS

DIRECTIONS FROM 10509 VISTA SORRENTO PARKWAY, SAN DIEGO, CA 92121:

1. CONTINUE TO VISTA SORRENTO PKWY
2. HEAD SOUTHEAST TOWARD VISTA SORRENTO PKWY
3. TURN RIGHT TOWARD VISTA SORRENTO PKWY
4. TAKE MIRA MESA BLVD TO PARKDALE AVE
5. TURN LEFT ONTO VISTA SORRENTO PKWY
6. TURN LEFT ONTO MIRA MESA BLVD
7. CONTINUE ON PARKDALE AVE, DRIVE TO WINTERWOOD LN
8. TURN LEFT ONTO PARKDALE AVE
9. TURN LEFT ONTO NEW SALEM ST
10. TURN LEFT ONTO ANDOLA RD
11. TURN RIGHT ONTO WINTERWOOD LN

DESTINATION WILL BE ON THE LEFT:
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

SCOPE OF WORK

T-MOBILE PROPOSES TO:

- REMOVE (8) EXISTING T-MOBILE PANEL ANTENNAS
- REMOVE (3) EXISTING T-MOBILE RADIOS (RRUS 11+812)
- INSTALL (8) NEW T-MOBILE PANEL ANTENNAS
- INSTALL (3) NEW T-MOBILE RADIOS (4480 871+885)
- INSTALL (3) NEW T-MOBILE RADIOS (4480 825+886)
- INSTALL (8) NEW RET CABLES
- INSTALL (2) NEW 6024 HCS CABLES
- INSTALL (3) NEW 88848 INSIDE EQUIPMENT CABINETS
- INSTALL (2) NEW PSU 4813 VOLTAGE BOOSTER INSIDE EQUIPMENT CABINET
- INSTALL (1) NEW D38 ROUTER INSIDE EQUIPMENT CABINET
- REMOVE (1) EXISTING T-MOBILE EQUIPMENT CABINET
- INSTALL (1) NEW 8160 EQUIPMENT CABINET
- INSTALL (1) NEW 8160 BATTERY CABINET
- REMOVE ALL UNUSED CABLES
- INSTALL (12) NEW BATTERIES
- PROJECT VALUATION: \$40,000

SPECIAL NOTES

1. ALL WORK SHALL BE INSTALLED IN CONFORMANCE WITH CURRENT T-MOBILE CONSTRUCTION INSTALLATION GUIDE.
2. EXISTING CONDITIONS WILL BE VERIFIED IN FIELD. IF SIGNIFICANT DEVIATIONS OR DETERIORATION ARE ENCOUNTERED AT THE TIME OF CONSTRUCTION, A REPAIR PERMIT WILL BE OBTAINED & CONTRACTOR SHALL NOTIFY ARCHITECT OR ENGINEER OF RECORD IMMEDIATELY.
3. CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ARCHITECT OR ENGINEER OF RECORD IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR THE SAME.
4. THESE DRAWINGS ARE FULL SIZE & SCALEABLE ON 22"x34" SHEET SIZE & ARE NOT REDUCED IN SIZE.
5. STATEMENT THAT COMPLIANCE WITH THE ENERGY CODE IS NOT REQUIRED. SCOPE OF WORK DOES NOT INVOLVE MODIFICATIONS TO EXTERIOR ENVELOPE OF BUILDING, HVAC SYSTEMS OR ELECTRICAL LIGHTING.

DRAWING INDEX

SHEET	DESCRIPTION
T-1.0	TITLE SHEET
T-2.0	GENERAL NOTES
T-2.1	GENERAL NOTES
T-3.0	LEGAL DESCRIPTION, REFERENCED DOCUMENTS, LEGEND, ABBREVIATIONS & SIGNAGE
T-5.0	STORM WATER BMP NOTES
A-1.0	OVERALL SITE PLAN
A-2.0	ENLARGED SITE PLAN
A-3.0	EXISTING ANTENNA PLAN & SCHEDULE
A-3.1	PROPOSED ANTENNA PLAN & SCHEDULE
A-3.2	ANTENNA & RADIO MOUNTING DETAILS
A-3.3	EXISTING & PROPOSED EQUIPMENT PLANS, & BATTERY CALCULATIONS
A-4.0	EXISTING & PROPOSED NORTH ELEVATIONS
A-4.1	EXISTING & PROPOSED EAST ELEVATIONS
A-4.2	EXISTING & PROPOSED SOUTH ELEVATIONS
A-4.3	EXISTING & PROPOSED WEST ELEVATIONS
A-5.0	EQUIPMENT DETAILS & SPECIFICATIONS
A-5.1	EQUIPMENT DETAILS & SPECIFICATIONS
A-5.2	EXISTING BRANCHING PLAN
E-1.0	1-LINE DIAGRAM, PANEL SCHEDULE & UTILITY NOTES
G-1.0	SCHEMATIC GROUNDING PLANS, NOTES & DETAILS
RF-1.0	EQUIPMENT CONFIGURATION

NOT FOR CONSTRUCTION UNLESS APPROVED BY JURISDICTION

CODE COMPLIANCE

- 2019 CALIFORNIA ENERGY CODE
- 2019 CALIFORNIA BUILDING CODE
- 2019 CALIFORNIA ELECTRICAL CODE
- 2019 CALIFORNIA FIRE CODE
- 2019 CALIFORNIA MECHANICAL CODE
- 2019 CALIFORNIA PLUMBING CODE

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

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. 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 REQUIRED AND NO COMMERCIAL DRAINAGE IS PROPOSED.

DO NOT SCALE DRAWINGS

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



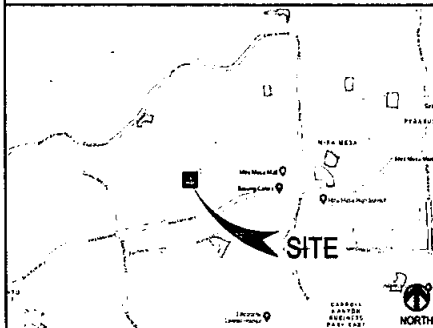
TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN CALIFORNIA (SOUTH), CALL DIG ALERT

TOLL FREE: 1-800-227-2600 OR
www.digalert.org

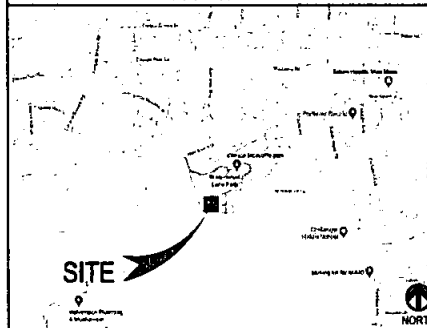
CALIFORNIA STATUTE REQUIRES MIN OF 2 WORKING DAYS NOTICE BEFORE YOU EXCAVATE

Know what's below.
Call before you dig.

VICINITY MAP



LOCATION MAP



GENERAL NOTES:

- A. DRAWINGS ARE NOT TO BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE. THIS SET OF PLANS IS INTENDED TO BE USED FOR DIAGRAMMATIC PURPOSES ONLY, UNLESS NOTED OTHERWISE. THE GENERAL CONTRACTOR'S SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT AND LABOR DEEMED NECESSARY TO COMPLETE INSTALLATIONS AS DESCRIBED HEREIN.
- B. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PROJECT THROUGH INSPECTION OF THE JOB SITE, DRAWINGS AND SPECIFICATIONS, SO AS TO THOROUGHLY UNDERSTAND THE WORK, ANY AND ALL DISCREPANCIES AND OMISSIONS SHALL BE REPORTED AND CLARIFICATION SHALL BE OBTAINED FROM THE ARCHITECT PRIOR TO WORK BEING DONE. ANY WORK THAT PROCEEDS OTHERWISE SHALL BE, IF INCORRECTLY PERFORMED, REPLACED OR REPAIRED WITH THE COST FOR SAME BEING BORNE BY THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS IN FIELD. IF DIMENSIONAL ERROR OCCURS OR CONDITIONS NOT COVERED IN THE DRAWINGS ARE ENCOUNTERED, CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE COMMENCING THAT PORTION OF THE WORK.
- C. CONTRACTOR SHALL OBTAIN WRITTEN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.
- D. CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- E. CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO MANUFACTURERS' VENDORS SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
- F. ALL WORK PERFORMED ON PROJECT AND MATERIALS INSTALLED SHALL BE IN STRICT COMPLIANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK.
- G. THE STRUCTURAL COMPONENTS OF THIS PROJECT ARE NOT TO BE ALTERED BY THIS CONSTRUCTION PROJECT UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE STRUCTURAL ENGINEER.
- H. DRAWINGS ASSUME THE EXISTING BUILDING TO BE IN COMPLIANCE WITH CODE REQUIREMENTS. ANY VIOLATIONS OF CODES IN EXISTING BUILDING DISCOVERED DURING THE COURSE OF CONSTRUCTION WILL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE BUILDING OWNER OR THEIR REPRESENTATIVES.
- I. CONTRACTOR SHALL PROVIDE AT THE PROJECT SITE A FULL SET OF CONSTRUCTION DOCUMENTS UPDATED WITH THE LATEST REVISIONS AND ADDENDA OR CLARIFICATIONS FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
- J. DETAILS ARE USUALLY KEYED ONCE ON THE DRAWINGS AND ARE TYPICAL FOR SIMILAR CONDITIONS THROUGHOUT, UNLESS OTHERWISE NOTED. DETAILS INCLUDED HEREIN ARE INTENDED TO SHOW END RESULT OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB CONDITIONS OR SITUATIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE SCOPE OF WORK.
- K. DIMENSIONS ARE FROM FINISH FACE TO FACE, (UNLESS NOTED OTHERWISE)
- L. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION AND UPON COMPLETION OF WORK. CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY OCCUR DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY. IN ADDITION THE CONTRACTOR SHALL FOLLOW ALL SAFETY REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION OVER HIS WORK.
- M. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SITE IN A CLEAN AND SAFE CONDITION, INCLUDING PROPER REMOVAL OF WASTE MATERIAL. WASTE MATERIAL SHALL NOT BE STORED WITHIN OR NEAR THE BUILDING, DUMPSTERS PROVIDED FOR THE DISPOSAL OF WASTE MATERIAL SHALL BE REMOVED AWAY FROM THE BUILDING BUT MAY BE STORED ON SITE DAILY. PROTECT EXISTING ASPHALT PARKING SURFACE AND REPAIR AT NO EXPENSE TO THE BUILDING OWNER ANY DAMAGE CAUSED BY THE USE OF THE DUMPSTERS.
- N. THE ARCHITECTS/ENGINEERS HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE THE CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
- O. SPECIAL INSPECTIONS SHALL BE PERFORMED BY AN INDEPENDENT SPECIAL INSPECTOR, AS REQUIRED, PER SECTION 1704 OF THE INTERNATIONAL BUILDING CODE (IBC).
- P. CONTRACTOR SHALL GUARANTEE IN WRITING ALL LABOR, MATERIALS, AND WORKMANSHIP INSTALLED BY HIM FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR AFTER DATE OF ACCEPTANCE OF THE WORK BY THE OWNER EXCEPT AS MODIFIED HEREIN OR ON OTHER DRAWINGS. SHOULD DEFECTS OCCUR, ALL WORK SHALL BE REPLACED OR PROPERLY REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- Q. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL COMBUSTIBLE FLUIDS, INCLUDING PAINTS, PRIMERS, SEALERS, SOLVENTS AND ADHESIVES, COMPLY AND ARE BEING USED IN ACCORDANCE WITH THE PRODUCT MANUFACTURER'S WRITTEN INSTRUCTIONS. CONTRACTOR SHALL PROVIDE STORAGE FOR SUCH MATERIALS AWAY FROM THE BUILDING. USE OF THE BUILDING FOR SUCH STORAGE IS PROHIBITED.
- R. CONTRACTOR TO HAVE ALL EASEMENTS AND UNDER GROUND UTILITIES LOCATED AND MARKED PRIOR TO COMMENCING SITE WORK.
- S. ELECTRICAL, MECHANICAL AND PLUMBING PERMITS SHALL BE THE RESPONSIBILITY OF THEIR RESPECTIVE SUB-CONTRACTORS.
- T. OWNER SHALL PROVIDE PORTABLE FIRE EXTINGUISHERS PER LOCAL FIRE MARSHALL. CONTRACTOR TO INSTALL.
- U. CONTRACTOR SHALL COORDINATE ALL WORK WITH PROPERTY OWNER REPRESENTATIVE INCLUDING BUT NOT LIMITED TO SCHEDULE, PROCEDURES, SECURITY, AND CONSTRUCTING LOADING AND UNLOADING.
- V. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE JURISDICTIONS CURRENT ADOPTED VERSION OF INTERNATIONAL BUILDING CODE (IBC), (IFC), (IMC) AND NEC.
- W. SEAL ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLY WITH U.L. LISTED OR F.M. APPROVED MATERIALS TO MAINTAIN RATING INTEGRITY OF ASSEMBLY.

X. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REDLINING THE CONSTRUCTION PLANS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE. THIS WILL BE DONE AFTER THE SITE HAS BEEN AWARDED THE FINAL INSPECTION. TWO COPIES OF REDLINED DRAWINGS WILL BE PROVIDED TO CLIENT / PROJECT MANAGER.

ELECTRICAL (UNLESS NOTED OTHERWISE):

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITTING, FILING, AND FEES IN CONJUNCTION WITH THE PROJECT.
2. ALL LABOR AND MATERIAL SHALL CONFORM TO ALL LOCAL, STATE, AND NATIONAL CODES, RULES, REGULATIONS AND STANDARDS.
3. ALL EQUIPMENT, WIRING, AND MATERIALS MUST HAVE A UL LABEL.
4. ALL WORK SHALL BE DONE BY QUALIFIED AND EXPERIENCED JOURNEYMEN AND PERFORMED IN A WORKMANLIKE MANNER AND SHALL PROCEED IN AN ORDERLY MANNER SO AS NOT TO HOLD UP THE PROGRESS OF THE PROJECT.
5. THOROUGHLY TEST ALL LINES, FEEDERS, EQUIPMENT, AND DEVICES WITH MAXIMUM LOADS TO ASSURE PROPER OPERATION.
6. CONDUITS AND FITTINGS FOR OUTSIDE APPLICATIONS SHALL BE RIGID OR NON-METALLIC UNLESS OTHERWISE NOTED.
7. ALL WIRES SHALL BE COPPER; USE OF ALUMINUM CONDUCTORS WILL NOT BE PERMITTED. SEE ELECTRICAL PLANS FOR SIZING AND LOCATIONS. USE PROPER SIZE CONNECTORS PER LOCAL, STATE, AND NATIONAL CODES.
8. CONDUCTOR LENGTHS SHALL BE CONTINUOUS FROM TERMINATION TO TERMINATION WITHOUT SPICES.
9. PROVIDE PULL BOXES WHERE SHOWN AND WHERE REQUIRED BY CODES AND UTILITY COMPANIES.
10. ALL WIRES SHALL BE TAGGED AT ALL PULL BOXES, J-BOXES, EQUIPMENT BOXES, AND CABINETS WITH APPROVED PLASTIC TAGS.
11. ALL UNDERGROUND CONDUITS SHALL BE SCHEDULE 40 PVC. ALL SWEEPS OR BENDS, AND ABOVE-GROUND CONDUITS SHALL BE RIGID GALVANIZED STEEL OR PVC SCHEDULE 80. ALL CONDUITS NOT TERMINATING INTO A CLOSED AREA MUST BE SEALED TO PREVENT ENTRY OF ANY MOISTURE OR FOREIGN OBJECTS. ALL CONDUIT RISERS TO INCLUDE SLIP TYPE EXPANSION JOINT.

GROUNDING (UNLESS NOTED OTHERWISE):

1. THE GROUNDING SYSTEM CONNECTIONS SHALL BE MADE WITH EXOTHERMIC WELDS ANCHOR MECHANICAL TWO-LUG COMPRESSION CONNECTORS AS INDICATED ON PLANS. USE ONLY STAINLESS STEEL SCREWS, BOLTS WASHERS, AND NUTS FOR FASTENING.
2. CLEAN SURFACES THOROUGHLY BEFORE APPLYING GROUND LUGS OR CLAMPS. IF SURFACE IS COATED, THE COATING MUST BE REMOVED DOWN TO THE BARE METAL. AFTER THE COATING HAS BEEN REMOVED, APPLY A NON-CORROSIVE APPROVED COMPOUND TO THE CLEANED SURFACE AND INSTALL LUGS OR CLAMPS. WHERE GALVANIZING IS REMOVED FROM METAL, IT SHALL BE PAINTED OR TOUCHED UP WITH COLD GALVANIZING PAINT SUCH AS GLAVMOX OR EQUAL.
3. ALL CLAMPS, SLEEVES, AND SUPPORTS USED TO SUPPORT OR CHANNEL THE GROUNDING SYSTEM CONDUCTORS AND PVC CONDUITS SHALL BE PVC TYPE NON-CONDUCTIVE. DO NOT USE METAL BRACKETS OR SUPPORTS THAT WOULD FORM A COMPLETE RING AROUND ANY GROUNDING CONDUCTOR.
4. ALL GROUNDING CONNECTIONS SHALL BE COATED WITH T&B KOPR SHIELD ANTI-CORROSIVE AGENT. NO SUBSTITUTIONS ARE PERMITTED. VERIFY THE PRODUCT WITH TELECOMMUNICATION CLIENT PRIOR TO USAGE.

PRODUCTS (UNLESS NOTED OTHERWISE):

1. GENERAL REQUIREMENTS: ALL MATERIALS AND EQUIPMENT SHALL BE IN ACCORDANCE WITH CONTRACT DOCUMENTS AND STANDARD PRODUCTS OF THE VARIOUS MANUFACTURERS, WITH ALL MATERIALS AND EQUIPMENT TO BE NEW, CLEAN, UNDAMAGED, AND FREE OF DEFECTS AND CORROSION.
2. ACCEPTABLE PRODUCTS: THE PRODUCT OF A SPECIFIED OR APPROVED MANUFACTURER WILL BE ACCEPTABLE ONLY WHEN THE PRODUCT COMPLIES WITH OR IS MODIFIED AS NECESSARY TO COMPLY WITH ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS.
3. COMMON ITEMS: WHERE MORE THAN ONE OF ANY SPECIFIC ITEM IS REQUIRED, ALL SHALL BE OF THE SAME TYPE AND MANUFACTURER.
4. UL LISTING: ALL MATERIALS AND EQUIPMENT SHALL BE UNDERWRITERS LABORATORIES (UL) LISTED AND LABELED, WHERE UL STANDARDS AND LISTINGS EXIST FOR SUCH MATERIALS OR EQUIPMENT.

EPOXY AND EXPANSION ANCHORS

1. EPOXY OR EXPANSION ANCHORS SHALL NOT BE USED EXCEPT WHERE SPECIFICALLY SHOWN ON THE PLANS OR WHEN APPROVED IN ADVANCE BY THE STRUCTURAL ENGINEER.
2. DRILLED HOLES SHALL BE PREPARED AND ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND THE CURRENT ICC REPORT.
3. SPECIAL INSPECTION SHALL BE DONE IN ACCORDANCE WITH BUILDING CODE AND THE SPECIFIC INSPECTION REQUIREMENTS SET FORTH IN THE CURRENT ICC REPORT.
4. ANCHOR RODS USED FOR EPOXY ANCHORS SHALL BE THE TYPE SPECIFIED IN THE REFERENCED ICC REPORT.
5. THE ANCHOR SIZE AND EMBEDMENT SHALL BE AS INDICATED ON THE PLANS.
6. WHERE PERMITTED, EPOXY ANCHORING SHALL BE COMPLETED WITH THE FOLLOWING ALLOWED PRODUCTS: HILTI RE-500 SD (ICC ESR-2322, LARR-25700) - CONCRETE ONLY HILTI HIT-AY 270 (ICC ESR-4143) - MASONRY & BRICK WALL.
7. WHERE PERMITTED, THE FOLLOWING EXPANSION ANCHORS MAY BE USED: HILTI KWIK BOLT T22 (ICC ESR-4286) - CONCRETE ONLY. HILTI KWIK BOLT T22 (ICC ESR-4561) - MASONRY ONLY.

FLASHING AND SHEET METAL

1. ALL FLASHING, COUNTER FLASHING, COPING AND ALL OTHER SHEET METAL SHALL BE OF NOT LESS THAN NO. 20 U.S. GAUGE CORROSION-RESISTANT METAL UNO. ALL METAL MUST BE GALVANIZED AFTER FABRICATION.
2. FLASH AND COUNTER FLASH AT ALL ROOF TO WALL CONDITIONS. G.L. FLASH AND CAULK WOOD BEAMS AND OUTLOOKERS PROJECTING THROUGH EXTERIOR WALLS OR ROOF SURFACES.
3. FLASH ALL EXTERIOR OPENINGS WITH APPROVED WATERPROOFING, WHICH CONFORMS TO THE STANDARDS OF LOCAL AND STATE CODES.
4. ALL CONNECTIONS TO BUILDING WALLS OR ROOFS MUST BE FLASHED AND MADE WATERTIGHT USING LIKE MATERIALS IN ACCORDANCE WITH NRCA ROOFING STANDARDS AND DETAILS. CONTRACTOR SHALL OBTAIN DETAILING CLARIFICATION FOR SITE-SPECIFIC CONDITIONS FROM ARCHITECT/ENGINEER, IF NECESSARY, BEFORE PROCEEDING. PLANS ARE NOT TO BE SCALED AND ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE.

STRUCTURAL STEEL

1. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST REVISED EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION, 15th EDITION, WHICH INCLUDES SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, CODE OF STANDARD PRACTICE AND AWS STRUCTURAL WELDING CODE. IDENTIFY AND MARK STEEL PER CBC 2203.
2. STRUCTURAL STEEL SHOP DRAWINGS SHALL BE REVIEWED BY THE ENGINEER/ ARCHITECT PRIOR TO FABRICATION.
3. GROUTING OF COLUMN BASE PLATES: BASE PLATES SHALL BE DRYPACKED OR GROUTED WITH NON-SHRINK, NON-FERROUS GROUT. MINIMUM COMPRESSIVE STRENGTH SHALL BE 4,000 PSI AT 28 DAYS. ALL SURFACES SHALL BE PROPERLY CLEANED OF FOREIGN MATERIAL PRIOR TO GROUTING.
4. ALL EXPOSED WELDS SHALL BE FILLED AND GROUND SMOOTH WHERE METAL COULD COME IN CONTACT WITH THE PUBLIC.
5. NO HOLES OTHER THAN THOSE SPECIFICALLY DETAILED SHALL BE ALLOWED THRU STRUCTURAL STEEL MEMBERS. BOLT HOLES SHALL CONFORM TO AISC SPECIFICATION, AND SHALL BE STANDARD HOLES UNLESS OTHERWISE NOTED. NO CUTTING OR BURNING OF STRUCTURAL STEEL WILL BE PERMITTED WITHOUT PRIOR CONSENT OF THIS ENGINEER. HOLES IN STEEL SHALL BE DRILLED OR PUNCHED. ALL SLOTTED HOLES SHALL BE PROVIDED WITH SMOOTH EDGES. BURNING OF HOLES AND TORCH CUTTING AT THE SITE IS NOT PERMITTED.
6. WELDING: CONFORM TO AWS D1.1. WELDERS SHALL BE CERTIFIED
7. BOLTING: ASTM A307 BOLTS SHALL BE INSTALLED "SNUG TIGHT" PER AISC SECTION RCSC 8(C), ASTM A325 BOLTS SHALL CONFORM TO RCSC SECTION 8 (D).
8. FABRICATION: CONFORM TO AISC SPECIFICATION SEC M2 "FABRICATION" AND AISC CODE SEC 6 "FABRICATION AND DELIVERY" PERFORM WORK ON PREMISES OF A FABRICATOR APPROVED BY THE BUILDING OFFICIAL.
9. GALVANIZING: ALL EXPOSED STEEL OUTSIDE THE BUILDING ENVELOPE SHALL BE HOT-DIPPED GALVANIZED. APPLY FIELD TOUCHUPS PER ASTM A153.
10. ALL FRAMING CONNECTORS SUCH AS CONCRETE ANCHORS, HOLD-DOWNS, POST BASES, FRAMING CAPS, HANGER AND OTHER MISCELLANEOUS STRUCTURAL METALS SHALL BE AS MANUFACTURED BY SIMPSON STRONG TIE CO. OR APPROVED EQUAL.
11. ALL STRUCTURAL STEEL EXPOSED TO EARTH SHALL HAVE 3" CONCRETE COVER.
12. MATERIALS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:

ANCHOR BOLTS/ RODS:	ASTM F1554, GRADE 36
BAR & PLATES:	ASTM A36
BOLTS IN WOOD:	ASTM A307
BOLTS - HIGH STRENGTH:	ASTM A325SSC OR A325N
C, M, AND ANGLE SHAPES:	ASTM A36
DEFORMED WELDED WIRE FABRIC:	ASTM A675
GROUT:	EMBECCO OR EQUIVALENT
OTHER STRUCTURAL SHAPES:	ASTM A36
REINFORCING BARS (WELDED):	ASTM A708, GRADE 60, DEFORMED BARS
REINFORCING BARS (REGULAR):	ASTM A615, GRADE 60, DEFORMED BARS
SMOOTH WELDED WIRE FABRIC:	ASTM A185
STEEL GRATING:	ANSI/MANMAN MBG 531-00
STEEL PIPE:	ASTM A53, GRADE B
TIE WIRE:	16.5 GAGE OR HEAVIER, BLACK ANNEALED
TUBE STEEL & PIPE COLUMNS:	ASTM A500, GRADE B
W - SHAPES:	ASTM A992, GRADE 50
WELDING ELECTRODES:	E70XX FOR STRUCTURAL STEEL E60XX FOR REINFORCING BARS E60XX FOR LIGHT GAUGE AND METAL DECK

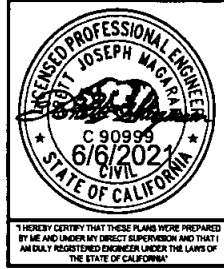
T-Mobile

15200 Vista Surfero Pl, Suite 400
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T-Mobile.com

MD7

MD7, LLC
10500 West Center Rd, Suite 200
San Diego, CA 92130
619-859-1439

REVISIONS			
REV.	DATE	DESCRIPTION	BY
0	05/07/2021	90% CDs	KB
1	05/29/2021	100% CDs	RL
2	06/08/2021	100% CDs	RL



I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME AND UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.

SITE INFORMATION
ANCHOR
WINTERWOOD PARK
SD0718A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

SHEET TITLE
GENERAL NOTES

SHEET NUMBER
T-2.0

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO CARRIER SERVICES IS STRICTLY PROHIBITED.

T-2.1

NOTICE

Radio frequency fields beyond this point may exceed the FCC general public exposure limit. Obey all posted signs and site guidelines for working in radio frequency environments.

In accordance with Federal Communications Commission rules in radio frequency environments (47 CFR 1.1307 (d)).

AVISO

Los campos de frecuencia de radio a partir de este punto pueden exceder el límite del nivel de exposición pública de la FCC. Obedezca todos los avisos y las pautas de trabajo en los entornos de frecuencia de radio.

De acuerdo a las reglas de la Comisión Federal de Comunicaciones (47 CFR 1.1307 (d)).

NOTICE

GUIDELINES FOR WORKING IN RADIOFREQUENCY ENVIRONMENTS

- ▲ All personnel should have electromagnetic energy (EME) awareness training.
- ▲ All personnel entering this site must be authorized.
- ▲ Obey all posted signs.
- ▲ Assume all antennas are active.
- ▲ Before working on antennas, notify owners and disable appropriate transmitters.
- ▲ Maintain minimum 3 feet clearance from all antennas.
- ▲ Do not step in front of antennas.
- ▲ Use personal RF monitors while working near antennas.
- ▲ Never operate transmitters without shields during normal operation.
- ▲ Do not operate bare antenna in equipment room.

DANGER

HAZARDOUS MATERIAL STORAGE AREA

WARNING

THIS FACILITY CONTAINS CORROSIVE LIQUID TOXIC LIQUID CLASS 1 WATER REACTIVE LIQUID

IN CASE OF EMERGENCY CALL

1-888-662-4662

SITE NUMBER: SD07118A

SITE NAME: WINTERWOOD PARK

WARNING

Beyond this point: Radio frequency fields at this site may exceed FCC rules for human exposure. For your safety, obey all posted signs and site guidelines for working in radio frequency environments. No unauthorized personnel are allowed in this area. Obey all posted signs and site guidelines for working in radio frequency environments.

ADVERTENCIA

A partir de este punto: Los campos de frecuencia de radio en este sitio pueden exceder las reglas de la FCC para la exposición humana. Por su seguridad, obedezca todos los avisos y las pautas de trabajo en los entornos de frecuencia de radio. No se permite el acceso no autorizado a esta zona. Obedezca todos los avisos y las pautas de trabajo en los entornos de frecuencia de radio.

0

3 2

ALERTING SIGNS

INFORMATION SIGN

ABBREVIATION DEFINITION

A.B.	ANCHOR BOLT	GLB.	GLOBAL POSITIONING SYSTEM																																																																				
ABV.	ABOVE	GRD.	GROWTH RADIO CABINET																																																																				
AC	AIR CONDITIONING	GRND.	GROUND																																																																				
ACU	AIR CONDITIONING UNIT	HGR.	HEAD																																																																				
ACCA	ANTENNA CABLE COVER ASSY.	HGR.	HEIGHT																																																																				
ADDL.	ADDITIONAL	HSS.	HOLLOW STRUCTURAL SECTION																																																																				
A.F.F.	ABOVE FINISHED FLOOR	ICGB.	ISOLATED COPPER GROUND BUS																																																																				
A.F.G.	ABOVE FINISHED GRADE	IGR	INTERIOR GROUND RING																																																																				
A.G.L.	ABOVE GRADE LEVEL	IN. (")	INCH(ES)																																																																				
ALUM.	ALUMINUM	INT.	INTERIOR																																																																				
ALT.	ALTERNATE	LB. (#)	POUNDS																																																																				
ANT.	ANTENNA	LB.	LAG BOLTS																																																																				
APPROX.	APPROXIMATE(LY)	L.F.	LINEAR FEET (FOOT)																																																																				
APX	APEX	L.	LONGITUDINAL																																																																				
ARCH.	ARCHITECT(URAL)	MGB.	MASTER GROUND BUS																																																																				
ASST.	ASSEMBLY	MAS.	MASONRY																																																																				
AWG.	AMERICAN WIRE GAUGE	MAX.	MAXIMUM																																																																				
BCN	BEACON	M.B.	MACHINE BOLT																																																																				
BD.	BOLLARD	MECH.	MECHANICAL																																																																				
BOK	BRASS DISK	MFR.	MANUFACTURER																																																																				
BLDG.	BUILDING	MNL.	MINIMUM																																																																				
BLK.	BLOCK	MISC.	MISCELLANEOUS																																																																				
BLM.	BLOCKING	MTL.	METAL																																																																				
BM	BEAM / BENCH MARK	MW	MICROWAVE																																																																				
B.N.	BOUNDARY NAILING	(N)	NEW																																																																				
BTWC.	BARE TINNED COPPER WIRE	NO. (#)	NUMBER																																																																				
B.O.F.	BOTTOM OF FOOTING	N.T.S.	NOT TO SCALE																																																																				
BTM.	BOTTOM	O.C.	ON CENTER																																																																				
BRC.	BRACE	OH.	OVERHEAD																																																																				
BTS	BASE TRANSCEIVER STATION	OH.	OVERHEAD POWER LINE																																																																				
B.W.F.	BARBED WIRE FENCE	OPNG.	OPENING																																																																				
BU	BACK-UP CABINET	PIC	PRECAST CONCRETE																																																																				
CAB.	CABINET	PLY.	PLYWOOD																																																																				
CANT.	CANTILEVER(ED)	PPC	POWER PROTECTION CABINET																																																																				
C.I.P.	CAST IN PLACE	P.S.F.	POUNDS PER SQUARE FOOT																																																																				
C.L.F.	CHAIN LINK FENCE	P.S.I.	POUNDS PER SQUARE INCH																																																																				
C.L.G.	CEILING	P.T.	PRESSURE TREATED																																																																				
CLR.	CLEAR	PWR.	POWER (CABINET)																																																																				
COL.	COLUMN	QTY.	QUANTITY																																																																				
CONC.	CONCRETE	R.	RADIUS																																																																				
CONN.	CONNECTION(OR)	RAD. CTR.	RADIATION CENTER																																																																				
CONST.	CONSTRUCTION	RBS	RADIO BASE STATION																																																																				
CONT.	CONTINUOUS	REF.	REFERENCE																																																																				
CPO	CONCRETE PAD	REINF.	REINFORCEMENT(ING)																																																																				
C.T.	CABLE TRAY	REQD.	REQUIRED																																																																				
d	PENNY (NAILS)	RF	RADIO FREQUENCY																																																																				
DBL.	DOUBLE	RGS	RIGID GALVANIZED STEEL																																																																				
DEF.	DEFINITION	RRU	REMOTE RADIO UNIT																																																																				
DEPT.	DEPARTMENT	RSH	REMOTE RADIO HEAD																																																																				
D.F.	DOUGLAS FIR	SCH.	SCHEDULE																																																																				
DIA. (Ø)	DIAMETER	SHT.	SHEET																																																																				
DIAG.	DIAGONAL	SIM.	SIMILAR																																																																				
DM.	DIMENSION	SPEC.	SPECIFICATION(S)																																																																				
DR.	DOOR	SP	STEEL PLATE																																																																				
DWG.	DRAWING(S)	SQ.	SQUARE																																																																				
DWL.	DOWEL(S)	S.S.	STAINLESS STEEL																																																																				
EA.	EACH	STD.	STANDARD																																																																				
EBX	ELECTRICAL BOX	STL.	STEEL																																																																				
EG	EQUIPMENT GROUND	STRUC.	STRUCTURAL																																																																				
EGR	EQUIPMENT GROUND RING	T.B.D.	TO BE DETERMINED																																																																				
EL.	ELEVATION	T.B.R.	TO BE RESOLVED																																																																				
ELEC.	ELECTRICAL	TEMP.	TEMPORARY																																																																				
ELEV.	ELEVATOR	THK.	THICKNESS																																																																				
EM	ELECTRICAL METER	TMA	TOWER MOUNTED AMPLIFIER																																																																				
E.M.T.	ELECTRICAL METALLIC TUBING	T.N.	TOE NAIL																																																																				
E.O.P.	EDGE OF PAVEMENT	T.O.A.	TOP OF ANTENNA																																																																				
EQ. (+)	EQUAL	T.O.C.	TOP OF CURB																																																																				
EVL.	ELECTRICAL VAULT	T.O.F.	TOP OF FOUNDATION																																																																				
ENG.	EXPANSION	T.O.P.	TOP OF PLATE (PARAPET)																																																																				
EXST.	EXISTING	T.O.S.	TOP OF STEEL																																																																				
EXT.	EXTERIOR	T.O.W.	TOP OF WALL																																																																				
FAB.	FABRICATION(OR)	TWR.	TOWER </tr <tr> <td>F.N.</td><td>FINISH FLOOR</td><td>TYP.</td><td>TYPICAL</td></tr> <tr> <td>F.O.</td><td>FINISH GRADE</td><td>U.G.</td><td>UNDER GROUND</td></tr> <tr> <td>FN.</td><td>FINISHED</td><td>UL.</td><td>UTILITY POLE</td></tr> <tr> <td>FLR.</td><td>FLOOR</td><td>UNLO.</td><td>UNLESS NOTED OTHERWISE</td></tr> <tr> <td>FDN.</td><td>FOUNDATION</td><td>V.I.N.</td><td>VERIFY IN FIELD</td></tr> <tr> <td>FRP.</td><td>FIBER REINFORCED PLASTIC/ FIBER REINFORCED POLYMER</td><td>W.</td><td>WIDE(WIDTH)</td></tr> <tr> <td>F.C.</td><td>FACE OF CONCRETE</td><td>WD.</td><td>WOOD</td></tr> <tr> <td>F.M.</td><td>FACE OF MASONRY</td><td>W.P.</td><td>WEATHERPROOF</td></tr> <tr> <td>F.S.</td><td>FACE OF STUD</td><td>WT.</td><td>WEIGHT</td></tr> <tr> <td>F.W.</td><td>FACE OF WALL</td><td></td><td></td></tr> <tr> <td>F.S.</td><td>FINISHED SURFACE</td><td></td><td></td></tr> <tr> <td>FT. (')</td><td>FOOT(FEET)</td><td></td><td></td></tr> <tr> <td>FTG.</td><td>FOOTING</td><td></td><td></td></tr> <tr> <td>GA.</td><td>GAUGE</td><td></td><td></td></tr> <tr> <td>GL.</td><td>GALVANIZE(D)</td><td></td><td></td></tr> <tr> <td>G.F.I.</td><td>GROUND FAULT INTERRUPTER</td><td></td><td></td></tr> <tr> <td>GEN.</td><td>GENERATOR</td><td></td><td></td></tr>	F.N.	FINISH FLOOR	TYP.	TYPICAL	F.O.	FINISH GRADE	U.G.	UNDER GROUND	FN.	FINISHED	UL.	UTILITY POLE	FLR.	FLOOR	UNLO.	UNLESS NOTED OTHERWISE	FDN.	FOUNDATION	V.I.N.	VERIFY IN FIELD	FRP.	FIBER REINFORCED PLASTIC/ FIBER REINFORCED POLYMER	W.	WIDE(WIDTH)	F.C.	FACE OF CONCRETE	WD.	WOOD	F.M.	FACE OF MASONRY	W.P.	WEATHERPROOF	F.S.	FACE OF STUD	WT.	WEIGHT	F.W.	FACE OF WALL			F.S.	FINISHED SURFACE			FT. (')	FOOT(FEET)			FTG.	FOOTING			GA.	GAUGE			GL.	GALVANIZE(D)			G.F.I.	GROUND FAULT INTERRUPTER			GEN.	GENERATOR		
F.N.	FINISH FLOOR	TYP.	TYPICAL																																																																				
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G.F.I.	GROUND FAULT INTERRUPTER																																																																						
GEN.	GENERATOR																																																																						

● DETAIL REFERENCE

◆ ELEVATION REFERENCE

◆ SECTION REFERENCE

▲ EXISTING ALPHA SECTOR

▲ PROPOSED ALPHA SECTOR

⊕ ELEVATION BUBBLE

Ⓜ EXISTING T-MOBILE PANEL ANTENNAS

Ⓜ EXISTING T-MOBILE RADIOS

Ⓜ EXISTING T-MOBILE TMA/DPLEXER

Ⓜ PROPOSED T-MOBILE PANEL ANTENNAS

Ⓜ PROPOSED T-MOBILE RADIOS

FRP MATERIAL

STEEL MATERIAL

LINE TYPES

--- PROPERTY LINE

--- CENTER LINE

— FIBER CABLE

— GROUNDING CABLE

— CHAIN LINK FENCE

— WOOD FENCE

LEGEND

- CONSTRUCTION DRAWINGS: 1_SD07118_FinalCD_Rev1_20170207
- SCOPE OF WORK: N/A
- SITE SURVEY: N/A
- SITE WALK: 04/16/2021

SCALE: 3 N.T.S.

REFERENCED DOCUMENTS

5.00Ac M8 IN NEG SEC 35-14-3ndIn LOT 2878 Tr 7048

SCALE: 2 N.T.S.

LEGAL DESCRIPTION

SCALE: 1 N.T.S.

T-Mobile

1959 VISTA SOURCE RD #400 4008
SAN DIEGO, CA 92121
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REVISIONS			
REV.	DATE	DESCRIPTION	BY/APP.
0	05/07/2021	80% CDs	KB
1	05/29/2021	100% CDs	RL
2	06/06/2021	100% CDs	RL

JOSEPH MACRA
C 90999
6/6/2021
CIVIL
STATE OF CALIFORNIA

1. I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME AND UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.

SITE INFORMATION

ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

SHEET TITLE

LEGAL DESCRIPTION,
LEGEND, ABBREVIATIONS &
SIGNAGE

SHEET NUMBER

T-3.0

**STORM WATER QUALITY NOTES -
CONSTRUCTION BMPs:**

THIS PROJECT SHALL COMPLY WITH ALL CURRENT REQUIREMENTS OF THE STATE PERMIT, CALIFORNIA REGIONAL WATER QUALITY CONTROL (SRWQCB), SAN DIEGO MUNICIPAL STORM WATER PERMIT, THE CITY OF SAN DIEGO LAND DEVELOPMENT CODE, AND THE STORM WATER STANDARDS MANUAL.

PRIOR TO ANY SOIL DISTURBANCE, TEMPORARY SEDIMENT CONTROLS SHALL BE INSTALLED BY THE CONTRACTOR OR QUALIFIED PERSON(S) AS INDICATED BELOW:

1. ALL REQUIREMENTS OF THE CITY OF SAN DIEGO "STORM WATER STANDARDS MANUAL" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVEMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND/OR WATER POLLUTION CONTROL PLAN (WPCP) FOR CONSTRUCTION LEVEL BMPs AND, IF APPLICABLE, THE STORM WATER QUALITY MANAGEMENT PLAN (SWQMP) FOR POST-CONSTRUCTION BMPs.
2. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL STORM DRAIN INLET PROTECTION. INLET PROTECTION IN THE PUBLIC RIGHT-OF-WAY MUST BE TEMPORARILY REMOVED PRIOR TO A RAIN EVENT TO ENSURE NO FLOODING OCCURS AND REINSTALLED AFTER RAIN IS OVER.
3. ALL CONSTRUCTION BMPs SHALL BE INSTALLED AND PROPERLY MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.
4. THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING, AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED CONTACT PERSON CAN PROVIDE EROSION AND SEDIMENT CONTROL MEASURES.
5. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SUB-CONTRACTORS AND SUPPLIERS ARE AWARE OF ALL STORM WATER BMPs AND IMPLEMENT SUCH MEASURES. FAILURE TO COMPLY WITH THE APPROVED SWPPP/WPCP WILL RESULT IN THE ISSUANCE OF CORRECTION NOTICES, CITATIONS, CIVIL PENALTIES, AND/OR STOP WORK NOTICES.
6. THE CONTRACTOR OR QUALIFIED CONTACT PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF ALL SILT, DEBRIS, AND MUD ON AFFECTED AND ADJACENT STREET(S) AND WITHIN STORM DRAIN SYSTEM DUE TO CONSTRUCTION VEHICLE/EQUIPMENT AND CONSTRUCTION ACTIVITY AT THE END OF EACH WORK DAY.
7. THE CONTRACTOR SHALL PROTECT NEW AND EXISTING STORM WATER CONVEYANCE SYSTEMS FROM SEDIMENTATION, CONCRETE RINSE, OR OTHER CONSTRUCTION-RELATED DEBRIS AND DISCHARGES WITH THE APPROPRIATE BMPs THAT ARE ACCEPTABLE TO THE RESIDENT ENGINEER AND AS INDICATED IN THE SWPPP/WPCP.
8. THE CONTRACTOR OR QUALIFIED CONTACT PERSON SHALL CLEAR DEBRIS, SILT, AND MUD FROM ALL DITCHES AND SWALES PRIOR TO AND WITHIN 3 BUSINESS DAYS AFTER EACH RAIN EVENT OR PRIOR TO THE NEXT RAIN EVENT, WHICHEVER IS SOONER.
9. IF A NON-STORM WATER DISCHARGE LEAVES THE SITE, THE CONTRACTOR SHALL IMMEDIATELY STOP THE ACTIVITY AND REPAIR THE DAMAGES. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF THE DISCHARGE, PRIOR TO RESUMING CONSTRUCTION ACTIVITY. ANY AND ALL WASTE MATERIAL, SEDIMENT, AND DEBRIS FROM EACH NON-STORM WATER DISCHARGE SHALL BE REMOVED FROM THE STORM DRAIN CONVEYANCE SYSTEM AND PROPERLY DISPOSED OF BY THE CONTRACTOR.
10. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON-SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID DEPLOYMENT OF CONSTRUCTION BMPs WHEN RAIN IS IMMINENT.
11. THE CONTRACTOR SHALL RESTORE AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMPs TO WORKING ORDER YEAR ROUND.
12. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES DUE TO UNFORESEEN CIRCUMSTANCES TO PREVENT NON-STORM WATER AND SEDIMENT-LOADED DISCHARGES.
13. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
14. ALL EROSION AND SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED SWPPP/WPCP SHALL BE INSTALLED AND MAINTAINED. ALL EROSION AND SEDIMENT CONTROLS FOR INTERIM CONDITIONS SHALL BE PROPERLY DOCUMENTED AND INSTALLED TO THE SATISFACTION OF THE RESIDENT ENGINEER.
15. AS NECESSARY, THE RESIDENT ENGINEER SHALL SCHEDULE MEETINGS FOR THE PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED CONTACT PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER, AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION AND SEDIMENT CONTROL MEASURES AND OTHER BMPs RELATIVE TO ANTICIPATED CONSTRUCTION ACTIVITIES.
16. THE CONTRACTOR OR QUALIFIED CONTACT PERSON SHALL CONDUCT VISUAL INSPECTIONS AND MAINTAIN ALL BMPs DAILY AND AS NEEDED. VISUAL INSPECTIONS AND MAINTENANCE OF ALL BMPs SHALL BE CONDUCTED BEFORE, DURING, AND AFTER EVERY RAIN EVENT AND EVERY 24 HOURS DURING ANY PROLONGED RAIN EVENT. THE CONTRACTOR SHALL MAINTAIN AND REPAIR ALL BMPs AS SOON AS POSSIBLE AS SAFETY ALLOWS.
17. CONSTRUCTION ENTRANCE AND EXIT AREA, TEMPORARY CONSTRUCTION ENTRANCE AND EXITS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CASQA FACT SHEET TC-10R CALTRANS FACT SHEET TC-01 TO PREVENT TRACKING OF SEDIMENT AND OTHER POTENTIAL POLLUTANTS ONTO PAVED SURFACES AND TRAVELED WAYS. WIDTH SHALL BE 10' OR THE MINIMUM NECESSARY TO ACCOMMODATE VEHICLES AND EQUIPMENT WITHOUT BYPASSING THE ENTRANCE. (A) NON-STORM WATER DISCHARGES SHALL BE EFFECTIVELY MANAGED PER THE SAN DIEGO MUNICIPAL CODE CHAPTER 4, ARTICLE 3, DIVISION 3 "STORM WATER MANAGEMENT AND DISCHARGE CONTROL".

STORM WATER BMP NOTES

SCALE
N.T.S.

2

NOT USED

SCALE
N.T.S.

1

T-Mobile

100% VISA SECURE2.0 PAY BY 4200
SAN DIEGO, CA 92121
T-MOBILE.COM

MD7

MD7, LLC
10880 West Center Rd. Suite 300
San Diego, CA 92120
619-584-7439

REVISIONS

REV.	DATE	DESCRIPTION	BY
0	05/07/2021	90% CD's	KD
1	05/20/2021	100% CD's	RL
2	06/08/2021	100% CD's	RL



I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME AND UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.

SITE INFORMATION

ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

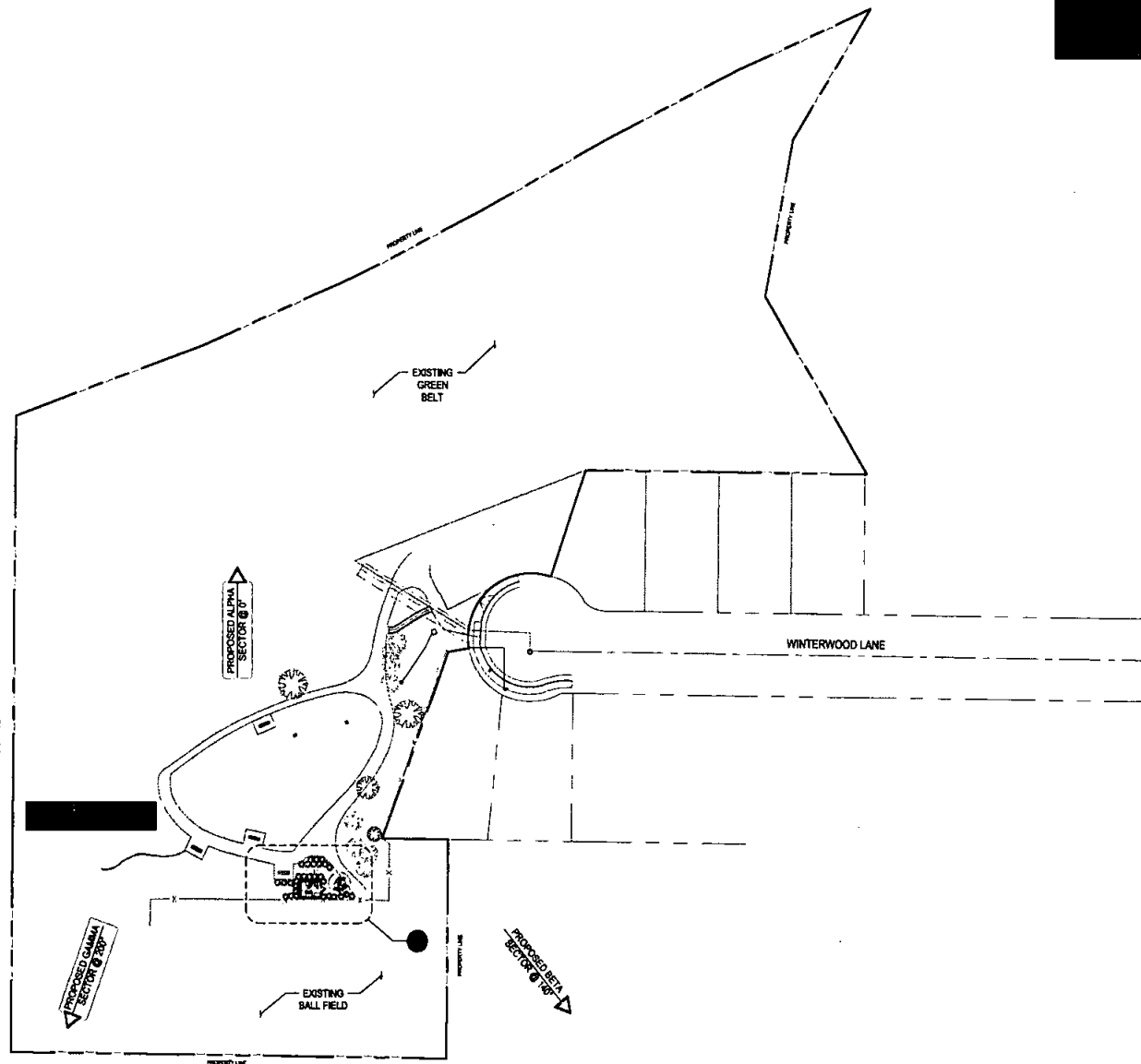
SHEET TITLE

STORM WATER BMP
NOTES

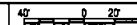
SHEET NUMBER

T-5.0

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OVERALL SITE PLAN



SCALE: 1"=40'-0" (25034)
(OR) 1"=80'-0" (11117)



1

T-Mobile

1999-157A SCORP (TO P-111) 4208
SAN DIEGO, CA 92121
T-MOBILE.COM

MD7

MDT, LLC
10800 West Ocean Air Dr, Suite 300
San Diego, CA 92130
(619) 584-1638

REVISIONS

REV.	DATE	DESCRIPTION	BY/APP.
0	05/07/2021	80% CDs	KB
1	05/29/2021	100% CDs	RL
2	06/06/2021	100% CDs	RL



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SITE INFORMATION

ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

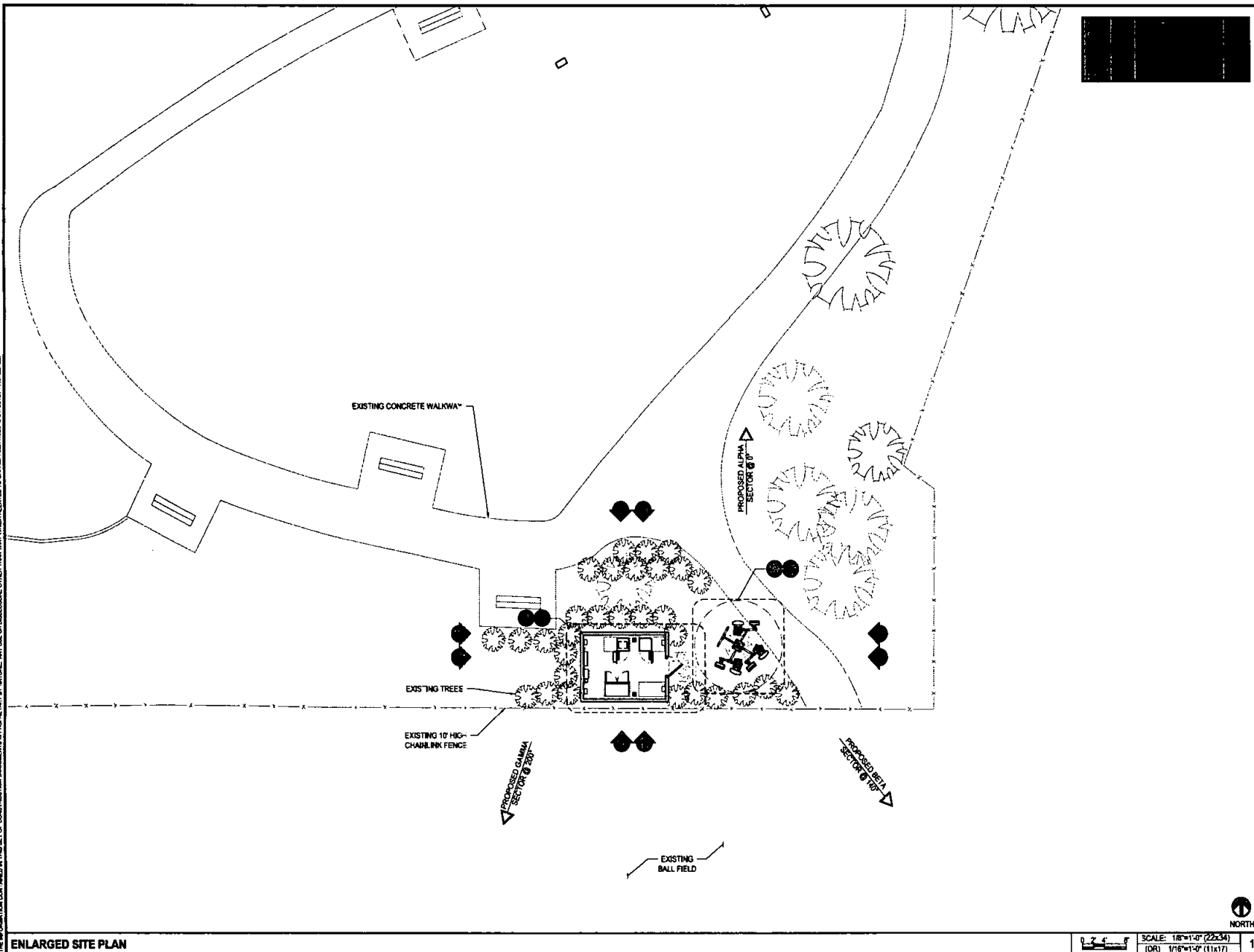
SHEET TITLE

OVERALL SITE PLAN

SHEET NUMBER

A-1.0

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ENLARGED SITE PLAN

0 7 4' SCALE: 1/8"=1'-0" (22x34)
(OR) 1/16"=1'-0" (11x17)



T-Mobile
1996 - 2018 SCORING: 84-94-428
SAN DIEGO, CA 92121
T.MOBILE.COM

MD7
MD7, LLC
10500 West Center Ave. Suite 300
San Diego, CA 92120
619-594-7438

REVISIONS				
REV.	DATE	DESCRIPTION	BY	CHK.
0	05/07/2021	90% CDs	KB	
1	05/20/2021	100% CDs	RL	
2	06/08/2021	100% CDs	RL	



SITE INFORMATION
ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92128

SHEET TITLE
ENLARGED SITE PLAN

SHEET NUMBER
A-2.0

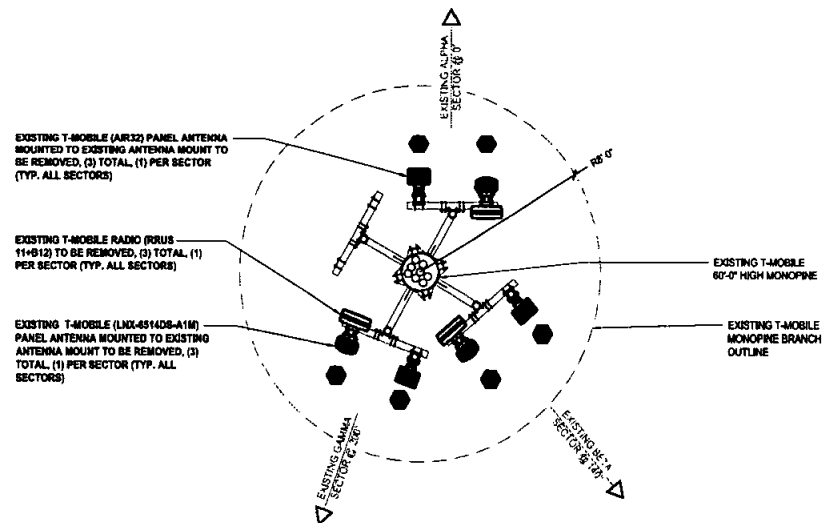
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EXISTING ANTENNA SCHEDULE											
SECTOR	AZMUTH	RAD CENTER	TOP OF ANTENNA	GENERAL ANTENNA SIZE	POSITION	EXISTING OR PROPOSED	ANTENNA MODEL	TMA/RADIO	CABLE	CABLE LENGTH AS PER RFDS	
ALPHA	0°	52'-0"	54'-6"	5'-0"	1	EXISTING TO BE REMOVED	AF32 KR0901146	N/A	(SHARED) 6X12 HCS 6AWG	30M	
			55'-6"	7'-0"	2	EXISTING TO BE REMOVED	ANDREW LUX-6514DS-A1M	RRUS11 B12	(SHARED) 6X12 HCS 6AWG	30M	
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
BETA	140°	52'-0"	54'-6"	4'-6"	1	EXISTING TO BE REMOVED	AF32 KR0901146	N/A	(SHARED) 6X12 HCS 6AWG	30M	
			55'-6"	6'-0"	2	EXISTING TO BE REMOVED	ANDREW LUX-6514DS-A1M	RRUS11 B12	(SHARED) 6X12 HCS 6AWG	30M	
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GAMMA	200°	52'-0"	54'-6"	4'-6"	1	EXISTING TO BE REMOVED	AF32 KR0901146	N/A	(SHARED) 6X12 HCS 6AWG	30M	
			55'-6"	6'-0"	2	EXISTING TO BE REMOVED	ANDREW LUX-6514DS-A1M	RRUS11 B12	(SHARED) 6X12 HCS 6AWG	30M	
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
DELTA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
				N/A	N/A	N/A	N/A	N/A	N/A	N/A	
				N/A	N/A	N/A	N/A	N/A	N/A	N/A	
				N/A	N/A	N/A	N/A	N/A	N/A	N/A	

CONTRACTOR TO REFERENCE FINAL RFDS AND FIELD VERIFY ALL CABLE LENGTHS PRIOR TO CONSTRUCTION

EXISTING ANTENNA SCHEDULE

SCALE
N.T.S. 2



EXISTING ANTENNA PLAN

SCALE: 3/8"=1'-0" (22x34)
(OR) 3/16"=1'-0" (11x17)

NORTH

T-Mobile

10571 157A CORP. (TO FIVE) 8206
SAN DIEGO, CA 92121
T-MOBILE.COM

MD7

MD7, LLC
10080 West Center Ave. Suite 300
San Diego, CA 92130
619-584-1439

REVISIONS			
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0	05/07/2021	80% CDs	KB
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2	06/08/2021	100% CDs	RL



SITE INFORMATION

ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

SHEET TITLE

EXISTING ANTENNA PLAN
& SCHEDULE

SHEET NUMBER

A-3.0

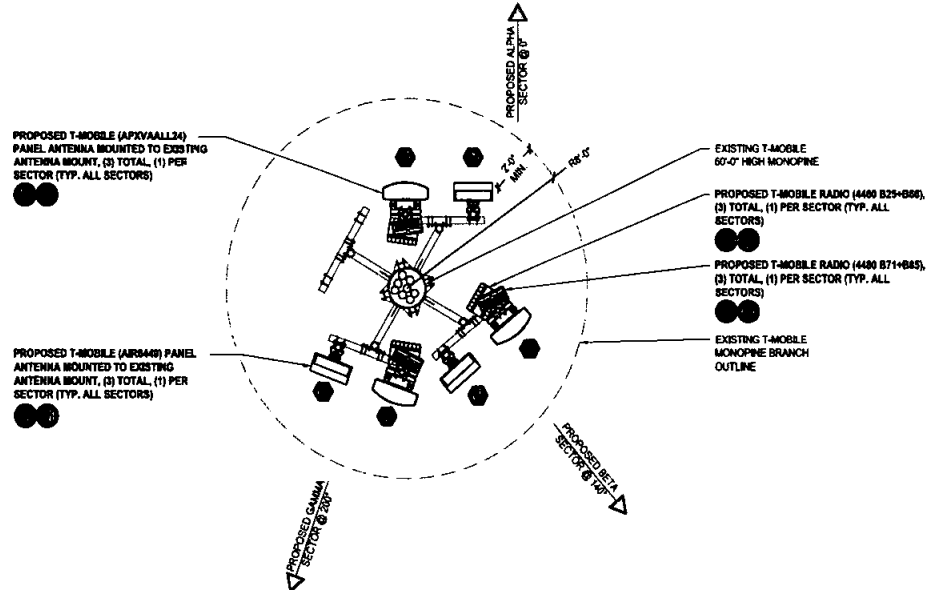
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SECTOR	AZIMUTH	RAD CENTER	TOP OF ANTENNA	GENERAL ANTENNA SIZE	POSITION	EXISTING OR PROPOSED	ANTENNA MODEL	TMA/RADIO	CABLE	CABLE LENGTH AS PER RFDS
ALPHA	0°	52'-0"	55'-0"	8'-0"	1	PROPOSED	APXVAALL34_43-U-HA20	(1) RADIO 4480_B25+B66 (1) RADIO 4480_B71+B85	(1) 6X12 HCS 6AWG (SHARED) (8) SUREFLEX JUMPERS (8) FIBER JUMPERS	30M 8'-0" 15'-0"
		52'-0"	53'-6"	3'-0"	2	PROPOSED	AIR 6449 B41	N/A	(1) 6X12 HCS 6AWG (SHARED) (4) FIBER JUMPERS	30M 15'-0"
		N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A
BETA	140°	52'-0"	55'-0"	8'-0"	1	PROPOSED	APXVAALL34_43-U-HA20	(1) RADIO 4480_B25+B66 (1) RADIO 4480_B71+B85	(1) 6X12 HCS 6AWG (SHARED) (8) SUREFLEX JUMPERS (8) FIBER JUMPERS	30M 8'-0" 15'-0"
		52'-0"	53'-6"	3'-0"	2	PROPOSED	AIR 6449 B41	N/A	(1) 6X12 HCS 6AWG (SHARED) (4) FIBER JUMPERS	30M 15'-0"
		N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A
GAMMA	200°	52'-0"	55'-0"	8'-0"	1	PROPOSED	APXVAALL34_43-U-HA20	(1) RADIO 4480_B25+B66 (1) RADIO 4480_B71+B85	(1) 6X12 HCS 6AWG (SHARED) (8) SUREFLEX JUMPERS (8) FIBER JUMPERS	30M 8'-0" 15'-0"
		52'-0"	53'-6"	3'-0"	2	PROPOSED	AIR 6449 B41	N/A	(1) 6X12 HCS 6AWG (SHARED) (4) FIBER JUMPERS	30M 15'-0"
		N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A
DELTA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
				N/A	N/A	N/A	N/A	N/A	N/A	N/A
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				N/A	N/A	N/A	N/A	N/A	N/A	N/A

CONTRACTOR TO REFERENCE FINAL RFDS AND FIELD VERIFY ALL CABLE LENGTHS PRIOR TO CONSTRUCTION

PROPOSED ANTENNA SCHEDULE

SCALE
N.T.S. 2



PROPOSED ANTENNA PLAN

SCALE: 3/8\"/>



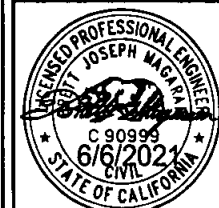
T-Mobile

19575 AVE. E. SUITE 100
SAN DIEGO, CA 92128
T: 619.444.4444

MD7

MD7, LLC
10280 West Center Ave. Suite 300
San Diego, CA 92123
619.554.7438

REVISIONS			
NO.	DATE	DESCRIPTION	BY
0	05/07/2021	90% CDs	KB
1	05/20/2021	100% CDs	RL
2	06/06/2021	100% CDs	RL



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SITE INFORMATION

ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

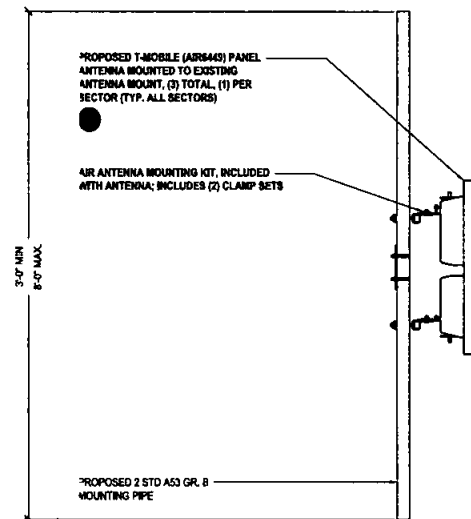
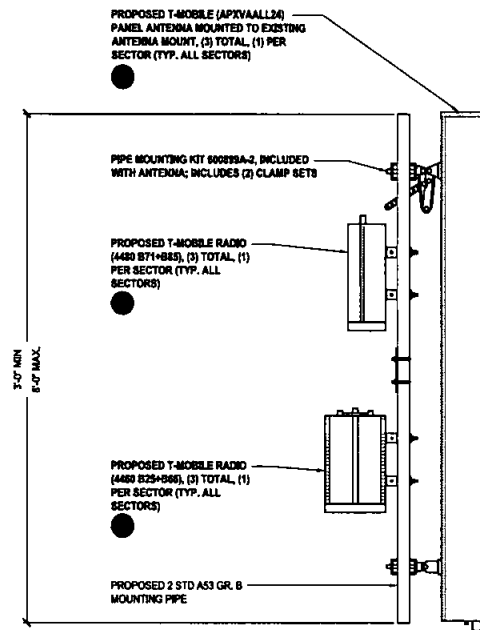
SHEET TITLE

PROPOSED ANTENNA
PLAN & SCHEDULE

SHEET NUMBER

A-3.1

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0 1 2 3 4 5 6

SCALE: 2"x1'-0" (22x34)
(OR) 1"x1'-0" (11x17)

1

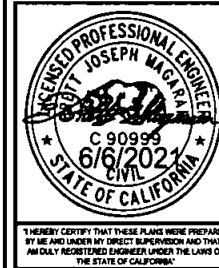
T-Mobile

17506 - 15TH STREET, SUITE 100
SAN DIEGO, CA 92121
T-MOBILE.COM

MD7

MD7, LLC
10000 West Ocean Ave. Suite 300
San Diego, CA 92130
619-460-1439

REVISIONS				
REV.	DATE	DESCRIPTION	BY	CHKD.
0	05/07/2021	90% CDs	KB	
1	05/20/2021	100% CDs	RL	
2	06/08/2021	100% CDs	RL	



SITE INFORMATION

ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

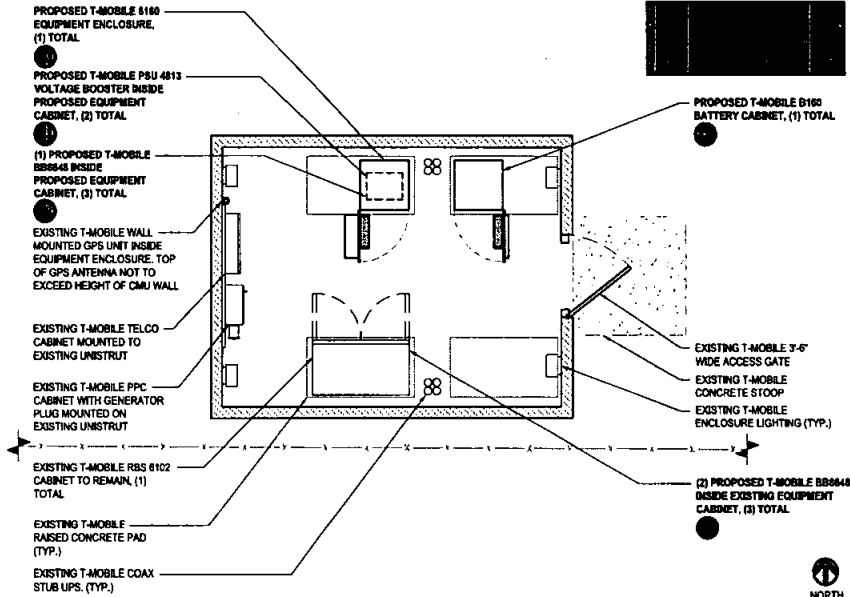
SHEET TITLE

ANTENNA & RADIO
MOUNTING DETAILS

SHEET NUMBER

A-3.2

BATTERY SPECIFICATIONS	
CABINET #1 TYPE	B16C
BATTERY MANUFACTURER	NORTHSTAR
MODEL NUMBER	NSB100F7 RED
MAX CAPACITY IN AMP-HOUR	100
NUMBER OF BATTERIES INSTALLED	12
MAXIMUM NUMBER OF BATTERIES PER CABINET	12
TOTAL CAPACITY IN KWH IN CABINET #1	14.400



BATTERY CALCULATIONS

SCALE
N.T.S.

PROPOSED EQUIPMENT PLAN

SCALE: 3/8"=1'-0" (22x34)
(OR) 3/16"=1'-0" (11x17)

NOT USED

SCALE
N.T.S.

EXISTING EQUIPMENT PLAN

SCALE: 3/8"=1'-0" (22x34)
(OR) 3/16"=1'-0" (11x17)



MD7

MD7, LLC
10080 West Center Ave. Suite 300
San Diego, CA 92130
619-594-1438

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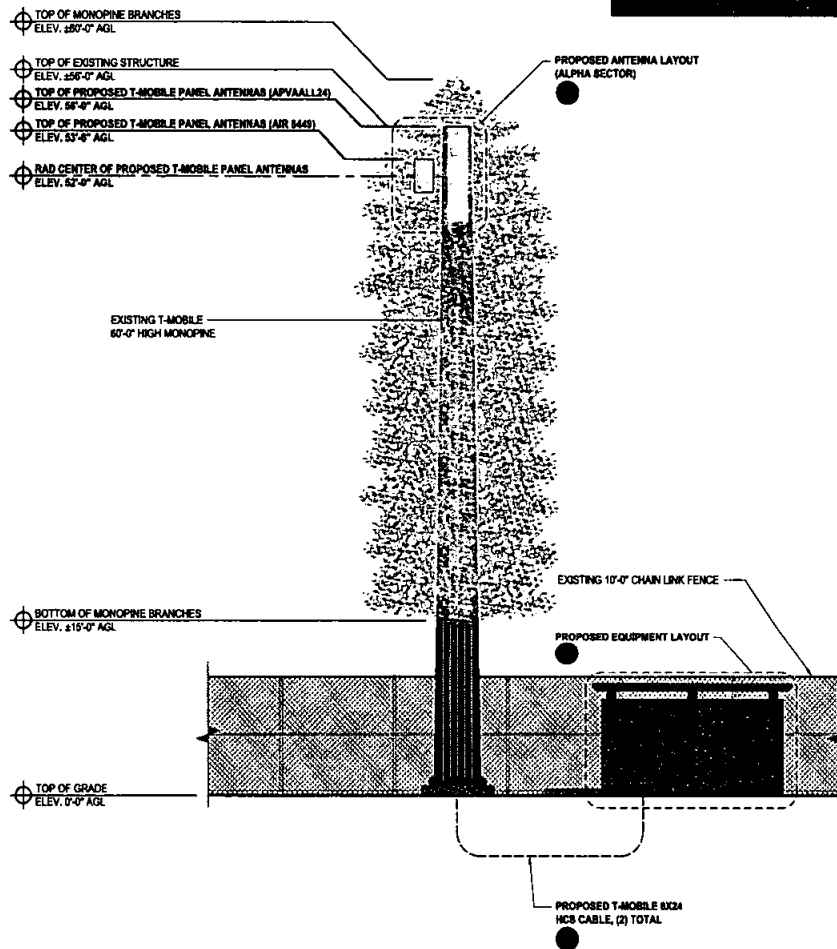
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SITE INFORMATION
ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

SHEET TITLE
EXISTING & PROPOSED
EQUIPMENT PLANS, &
BATTERY CALCULATIONS

SHEET NUMBER
A-3.3

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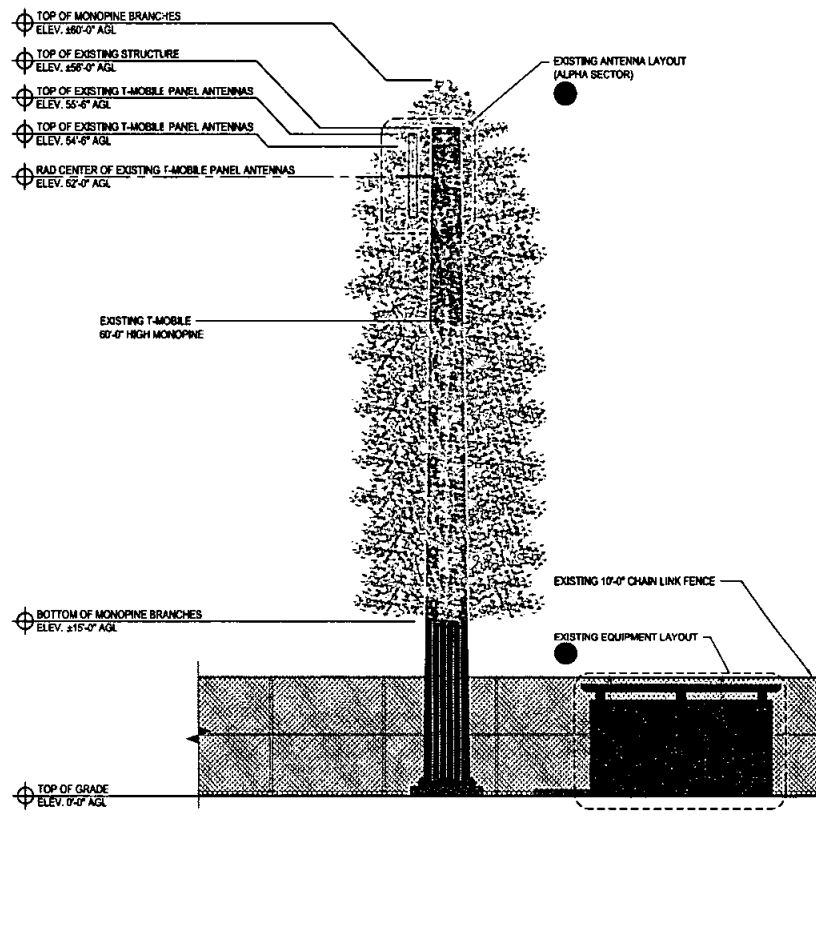


PROPOSED NORTH ELEVATION

0 15' 3'

SCALE: 3/16"=1'-0" (22x34)
(OR) 3/32"=1'-0" (11x17)

2



EXISTING NORTH ELEVATION

0 15' 3'

SCALE: 3/16"=1'-0" (22x34)
(OR) 3/32"=1'-0" (11x17)

1

T-Mobile

1556 VISTA SCORPIO DRIVE, SUITE 200
SAN DIEGO, CA 92121
T-MOBILE.COM

MD7

MD7, LLC
10000 West Center Ave., Suite 200
San Diego, CA 92130
619-594-1439

REVISIONS

REV.	DATE	DESCRIPTION	BY
0	05/07/2021	90% CDs	KB
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2	06/08/2021	100% CDs	RL



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SITE INFORMATION

ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

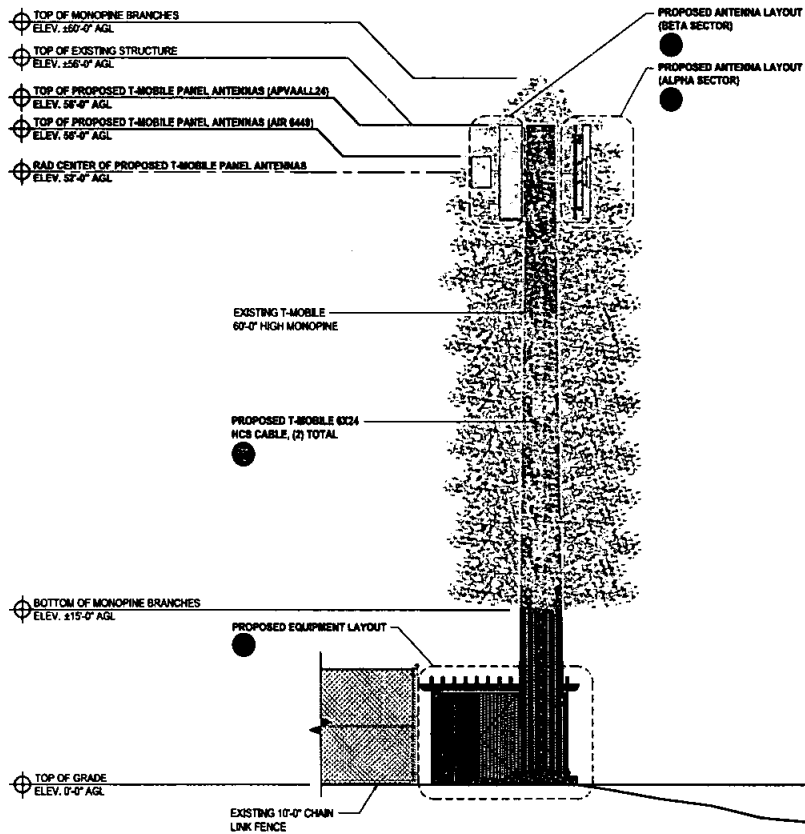
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EXISTING & PROPOSED
NORTH ELEVATIONS

SHEET NUMBER

A-4.0

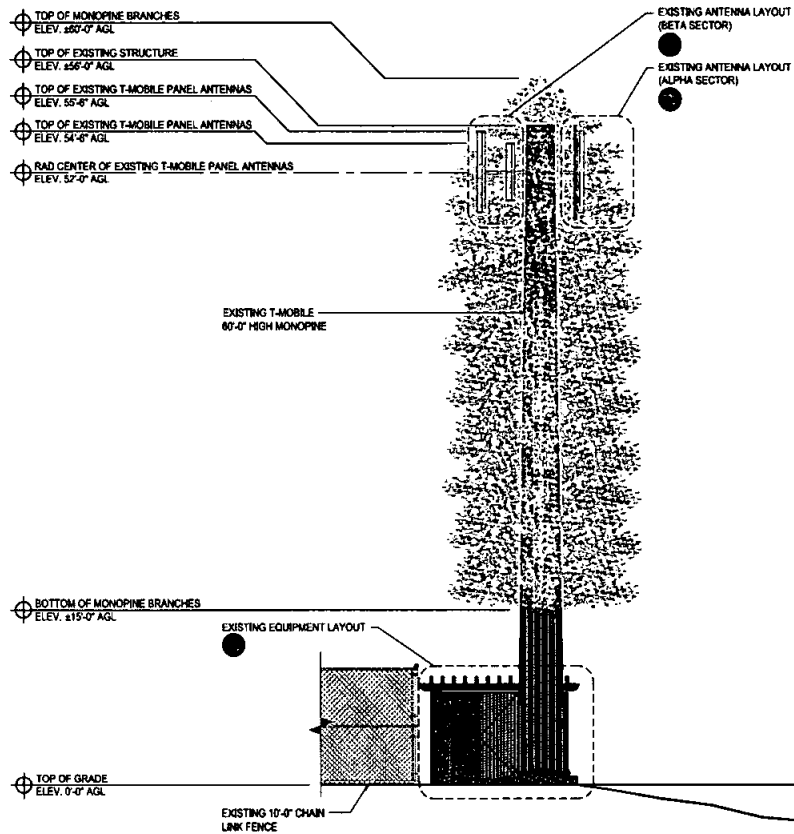
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PROPOSED EAST ELEVATION

0 15 30 SCALE: 3/16"=1'-0" (22x34)
(OR) 3/32"=1'-0" (11x17)

2



EXISTING EAST ELEVATION

0 15 30 SCALE: 3/16"=1'-0" (22x34)
(OR) 3/32"=1'-0" (11x17)

1

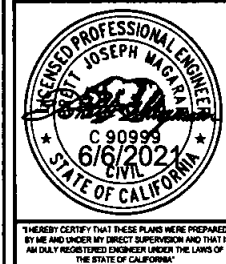
T-Mobile

1999 - 1514 SCARLETT DRIVE #100
SAN DIEGO, CA 92101
T-MOBILE.COM

MD7

MD7, LLC
10580 West Center Ave. Suite 300
San Diego, CA 92130
619-594-7438

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0	05/01/2021	90% CD's		KB
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2	06/02/2021	100% CD's		RL



SITE INFORMATION

ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

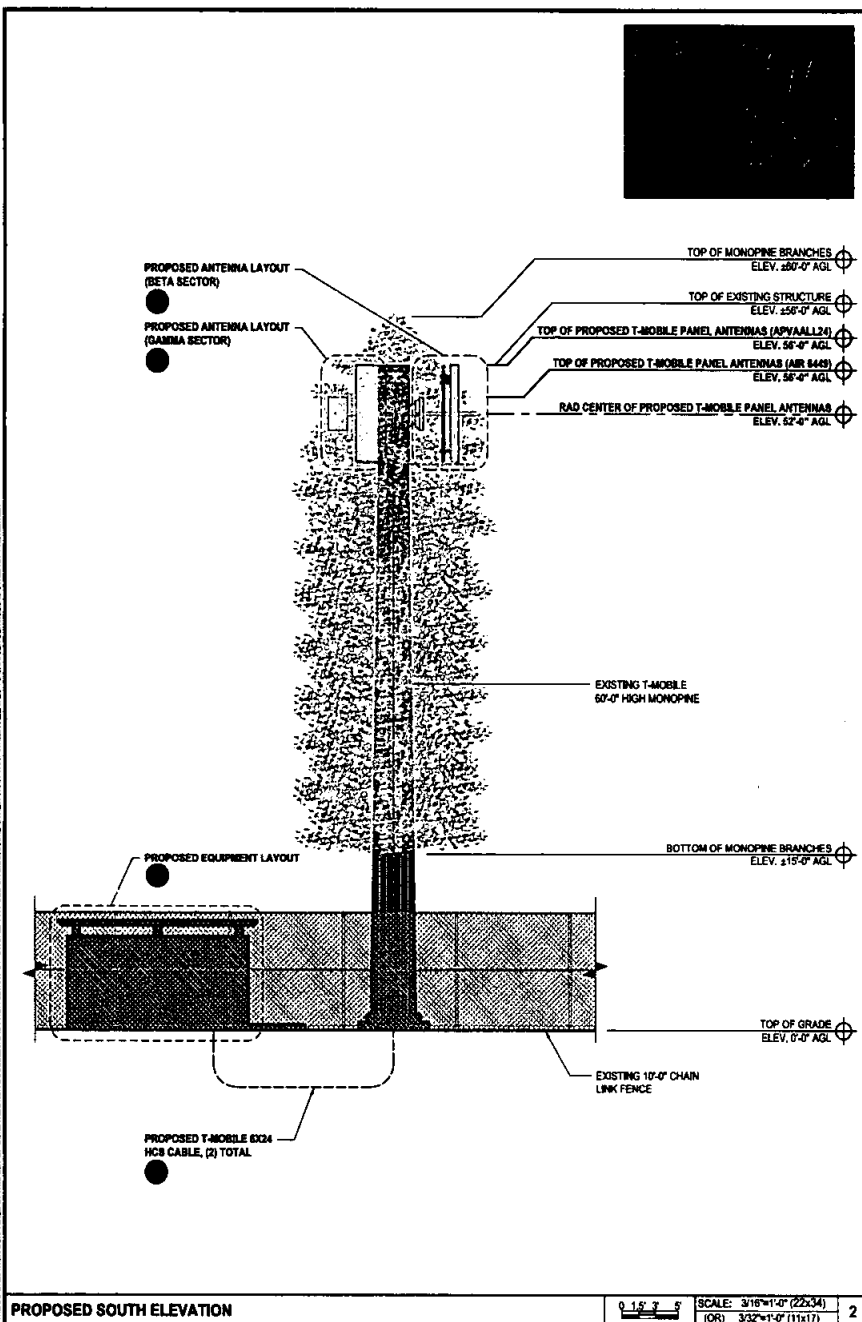
SHEET TITLE

EXISTING & PROPOSED
EAST ELEVATIONS

SHEET NUMBER

A-4.1

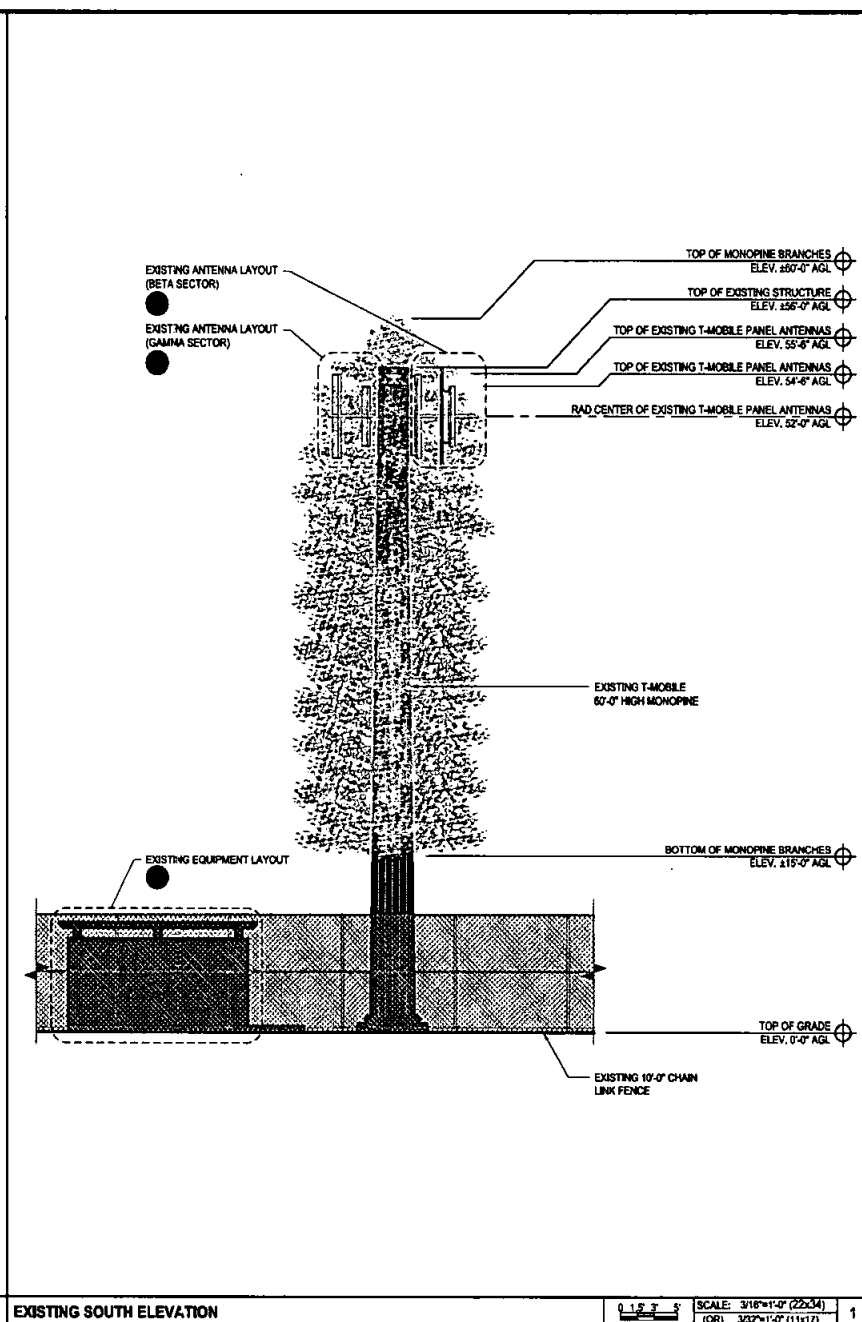
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PROPOSED SOUTH ELEVATION

0 15 30 SCALE: 3/16"=1'-0" (22x34) (OR) 3/32"=1'-0" (11x17)

2



EXISTING SOUTH ELEVATION

0 15 30 SCALE: 3/16"=1'-0" (22x34) (OR) 3/32"=1'-0" (11x17)

1

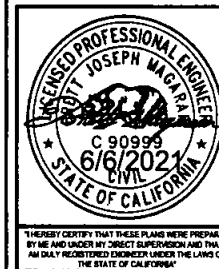
T-Mobile

12099 + 137A BORRERO BLVD. #200
SAN DIEGO, CA 92121
T-MOBILE.COM

MD7

MD7, LLC
10900 West Ocean Blvd. Suite 300
San Diego, CA 92130
619-584-1430

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NO.	DATE	DESCRIPTION	BY
0	05/07/2021	90% CDs	KB
1	05/20/2021	100% CDs	RL
2	06/06/2021	100% CDs	RL



SITE INFORMATION

ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

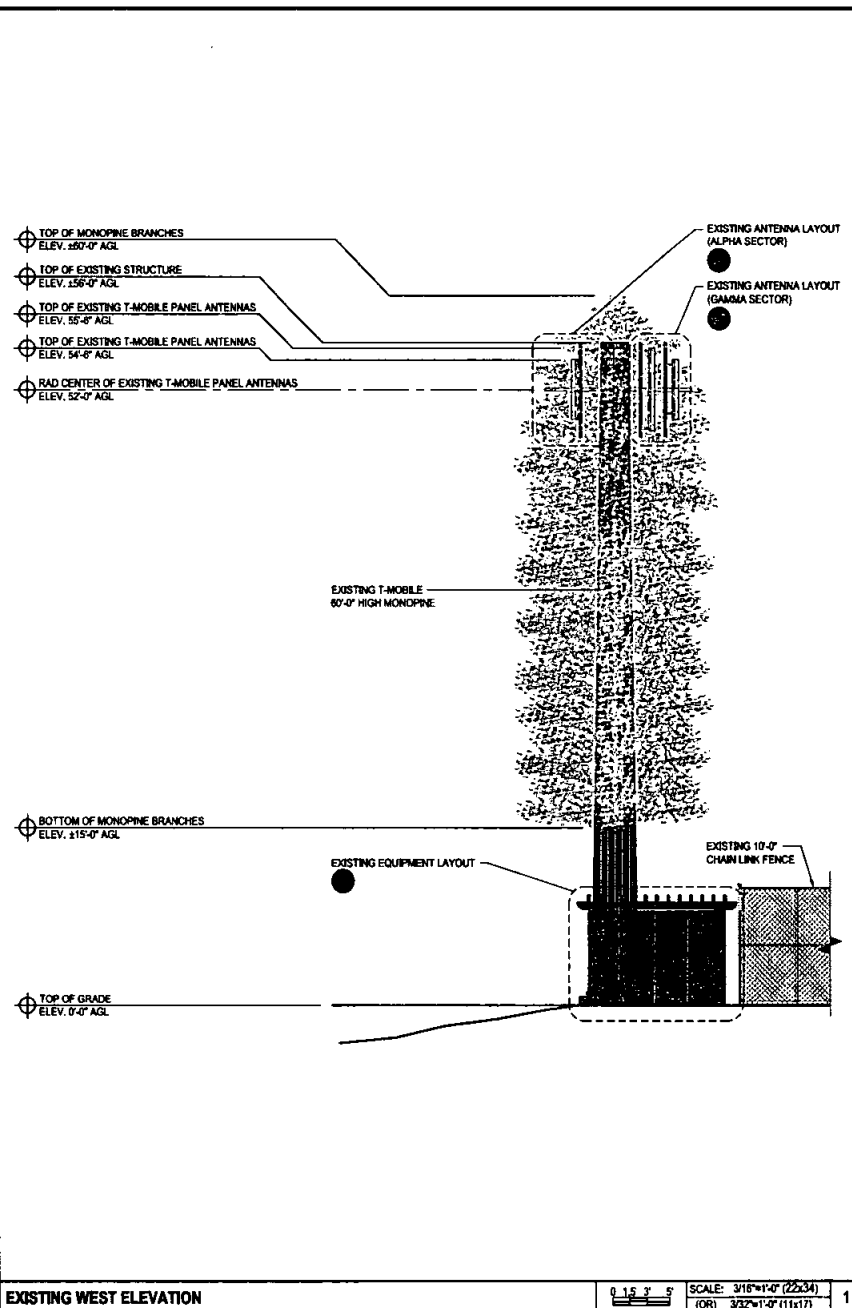
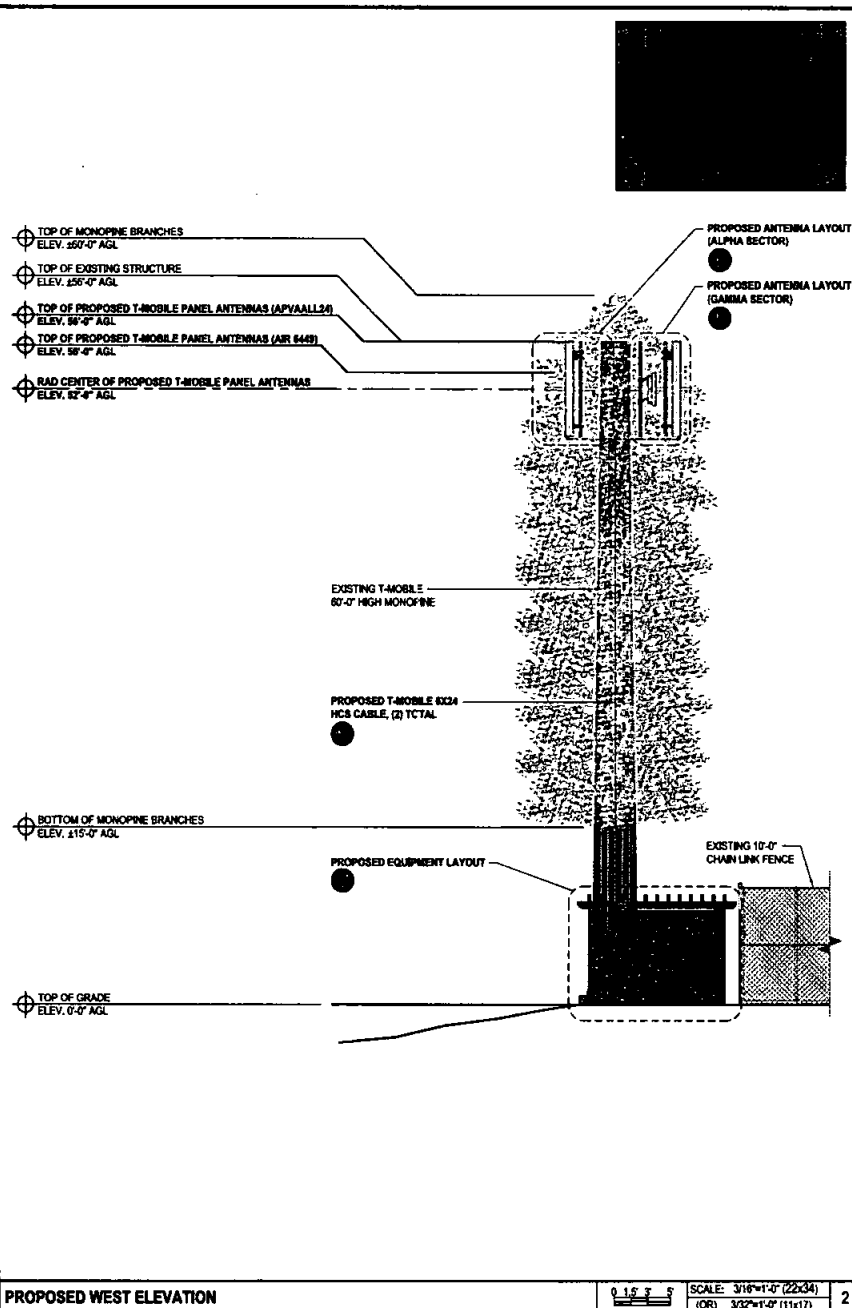
SHEET TITLE

EXISTING & PROPOSED
SOUTH ELEVATIONS

SHEET NUMBER

A-4.2

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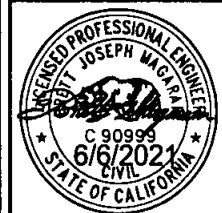
T-Mobile

17995 AVISTA SORRENTO PARK RD
SAN DIEGO, CA 92121
T-MOBILE.COM

MD7

MD7, LLC
10900 West Center Rd, Suite 300
San Diego, CA 92130
619-594-7430

REVISIONS				
REV.	DATE	DESCRIPTION	BY	CHKD.
0	05/07/2021	90% CDs	KB	
1	05/20/2021	100% CDs	RL	
2	06/08/2021	100% CDs	RL	



"I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME AND UNDER MY DIRECT SUPERVISION AND THAT I AM A DAILY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA."

SITE INFORMATION

ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

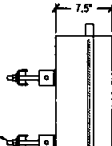
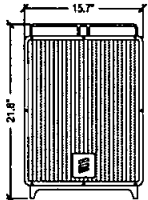
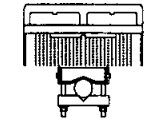
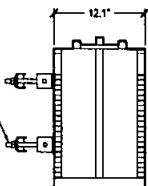
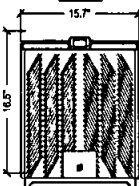
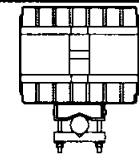
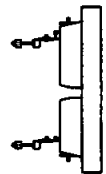
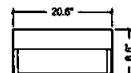
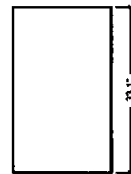
SHEET TITLE

EXISTING & PROPOSED
WEST ELEVATIONS

SHEET NUMBER

A-4.3

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY TO T-MOBILE, AND ITS USE OR REPRODUCTION WITHOUT THE WRITTEN PERMISSION OF T-MOBILE IS STRICTLY PROHIBITED.

				MANUFACTURER: ERICSSON MODEL: RADIO 4400-1001 DIMENSIONS: HEIGHT: 31.8" WIDTH: 15.7" DEPTH: 7.8" WEIGHT: 64 LBS	  		
NOT USED	9	NOT USED	6	RADIO UNIT DETAIL	NTS	3	
				MANUFACTURER: RFS MODEL: APXVALL24-43-U-NA20 DIMENSIONS: LENGTH: 65.9" WIDTH: 24" DEPTH: 8.5" WEIGHT: 153.3 LBS (W/ MOUNTING KIT)	  		
NOT USED	8	NOT USED	5	ANTENNA DETAIL	NTS	2	
		MANUFACTURER: ERICSSON MODEL: RADIO 4400-825-1806 DIMENSIONS: HEIGHT: 18.8" WIDTH: 15.7" DEPTH: 12.1" WEIGHT: 108 LBS	  	MANUFACTURER: ERICSSON MODEL: ANT 8448-841 DIMENSIONS: LENGTH: 33.1" WIDTH: 20.8" DEPTH: 8.8" WEIGHT: 104 LBS NOTES: POLE MOUNTING HARDWARE MAY BE REMOVED FOR WALL MOUNTING	  		
NOT USED	7	RADIO UNIT DETAIL	NTS	4	ANTENNA DETAIL	NTS	1

T-Mobile
17055 - 031A (SHEET) 04/14/2021
SAN DIEGO, CA 92121
T-MOBILE.COM

MD7
MD7, LLC
10550 West Ocean Ave. Suite 200
San Diego, CA 92130
619-594-7439

REVISIONS			
REV.	DATE	DESCRIPTION	BY
0	05/07/2021	80% CDs	KB
1	05/29/2021	100% CDs	RL
2	06/06/2021	100% CDs	RL



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SITE INFORMATION

ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

SHEET TITLE

EQUIPMENT DETAILS & SPECIFICATIONS

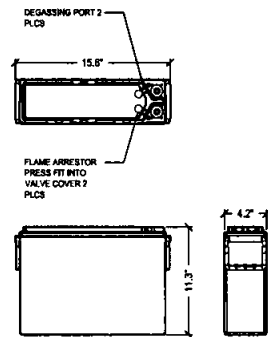
SHEET NUMBER

A-5.0

MANUFACTURER: NORTHSTAR
 MODEL: HSB 100FT RED

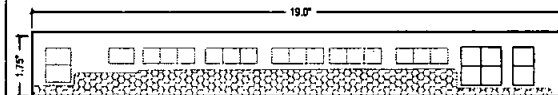
10 HOUR CAPACITY TO 1.80VPC @ 25°C (77°F): 100 Ah (1.2 kWh)
 8 HOUR CAPACITY TO 1.75VPC @ 25°C (77°F): 80 Ah (1.188 kWh)
 10 HOUR CAPACITY TO 1.60VPC @ 25°C (77°F): 80 Ah (1.188 kWh)
 FLOAT VOLTAGE @ 25°C (77°F): 12.7 VPC
 NOMINAL VOLTAGE: 12 V
 IMPEDANCE (10Hz): 4.3 mΩ @ 25°C (77°F)
 CONDUCTANCE: 1.193 S
 SHORT C CIRCUIT CURRENT: 2,800 A
 MAXIMUM CHARGE CURRENT: NO LIMIT

WEIGHT: 87 lbs (39 kg)
 HEIGHT: 11.3 in.
 WIDTH: 4.2 in.
 DEPTH: 15.8 in.
 TERMINAL: FEMALE MH1.25
 TERMINAL TORQUE: 8.0 Nm (71 in-lbs)



MANUFACTURER: ERICSSON
 MODEL: SD 848

DIMENSIONS:
 HEIGHT: 1.75"
 WIDTH: 19"
 DEPTH: 13.9"
 WEIGHT: 13.9 LBS



NOT USED

9 BATTERY SPECIFICATION

NTS

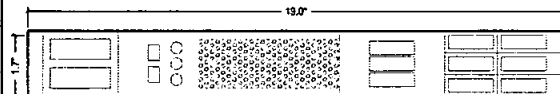
6 BASEBAND UNIT DETAIL

NTS

3

MANUFACTURER: ERICSSON
 MODEL: PSU 4813

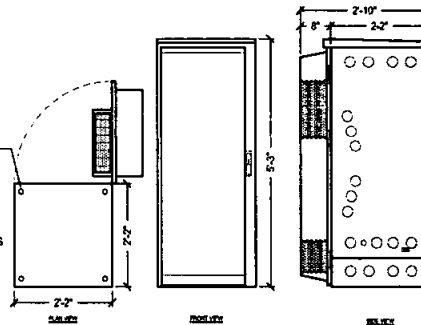
DIMENSIONS:
 HEIGHT: 1.7"
 WIDTH: 19"
 DEPTH: 14.3"
 WEIGHT: 17.2 LBS



MANUFACTURER: ERICSSON
 MODEL: 9180 EQUIPMENT CABINET

DIMENSIONS:
 HEIGHT: 82"
 WIDTH: 28"
 DEPTH: 28"
 WEIGHT: 375 LBS (EMPTY)
 1180 LBS (FULLY LOADED)

(4) 5/8" Ø MILT Kwik BOLT T22 (KB-T22) ANCHOR W/ 3-1/4" MIN. EMBEDMENT
 • STAINLESS STEEL FOR OUTDOOR APPLICATIONS
 • CARBON STEEL FOR INDOOR APPLICATIONS (REFER TO SPECIFICATIONS FOR MOUNTING HOLE LOCATIONS)



NOT USED

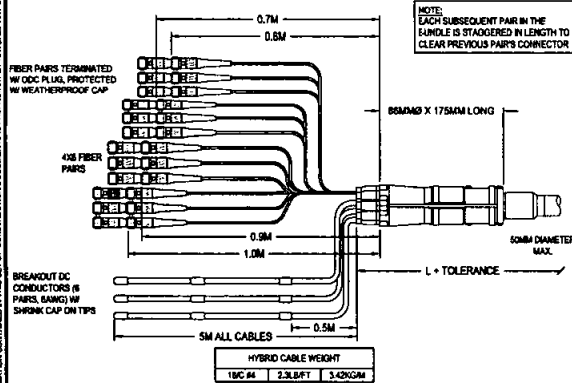
8 VOLTAGE BOOSTER DETAIL

NTS

5 EQUIPMENT CABINET DETAIL

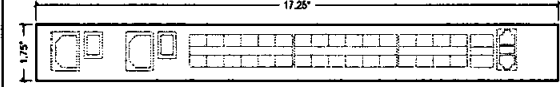
NTS

2



MANUFACTURER: NOKIA
 MODEL: 7550 0044
 205P728 155P728 245P728

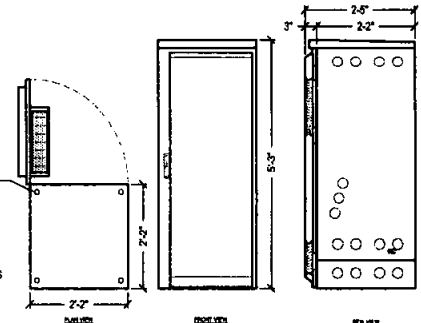
DIMENSIONS:
 HEIGHT: 1.75"
 WIDTH: 17.25"
 DEPTH: 10.0"
 WEIGHT: 1780



MANUFACTURER: ERICSSON
 MODEL: 9180 BATTERY CABINET

DIMENSIONS:
 HEIGHT: 82"
 WIDTH: 28"
 DEPTH: 28"
 WEIGHT: 401 LBS (EMPTY)
 1207 LBS (FULLY LOADED)

(4) 5/8" Ø MILT Kwik BOLT T22 (KB-T22) ANCHOR W/ 3-1/4" MIN. EMBEDMENT
 • STAINLESS STEEL FOR OUTDOOR APPLICATIONS
 • CARBON STEEL FOR INDOOR APPLICATIONS (REFER TO SPECIFICATIONS FOR MOUNTING HOLE LOCATIONS)



6X24 HYBRID CABLE SYSTEM

NTS

7 ROUTER DETAIL

NTS

4 BATTERY CABINET DETAIL

NTS

1

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 1999 VISTA BOWEN RD SUITE 200
 SAN DIEGO, CA 92121
 ©2004 T-MOBILE.COM

MD7
 MD7, LLC
 10080 West Center Ave Dr. Suite 200
 San Diego, CA 92120
 619-584-1430

REVISIONS				
NO.	DATE	DESCRIPTION	BY	CHKD.
0	05/07/2021	90% CDs	KB	
1	05/20/2021	100% CDs	RL	
2	06/06/2021	100% CDs	RL	

REGISTERED PROFESSIONAL ENGINEER
 JOSEPH MAGRANA
 C 90999
 6/6/2021
 CIVIL
 STATE OF CALIFORNIA

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME AND UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.

SITE INFORMATION
 ANCHOR
 WINTERWOOD PARK
 SD07118A
 7540 WINTERWOOD LANE
 SAN DIEGO, CA 92126

SHEET TITLE
 EQUIPMENT DETAILS & SPECIFICATIONS

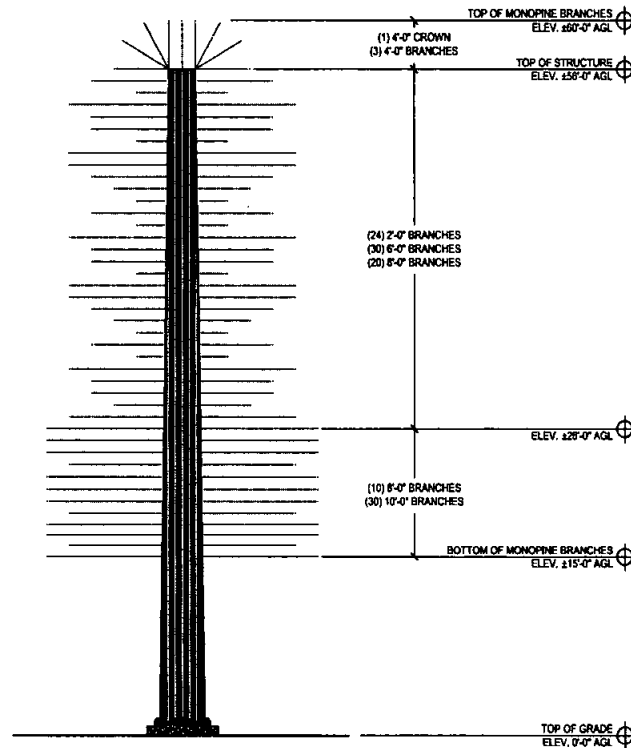
SHEET NUMBER
 A-5.1

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY AND CONFIDENTIAL. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO CARRIED SERVICES IS STRICTLY PROHIBITED.

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROVIDED AS IS. ANY USE OR MODIFICATION OTHER THAN THAT WHICH RELATES TO CABLES, SERVICES IS STRICTLY PROHIBITED.

NOT USED

SCALE
N.T.S. 2 EXISTING BRANCHING FLAN



SCALE: 3/16"=1'-0" (22x34)
(OR) 3/32"=1'-0" (11x17) 1

T-Mobile

10596 VISTA SCORPIO RD #444 4208
SAN DIEGO, CA 92121
T-MOBILE.COM

MD7

MDT, LLC
10080 West Ocean Air Dr, Suite 200
San Diego, CA 92130
602-584-7438

REVISIONS			
NO.	DATE	DESCRIPTION	BY/APP.
0	05/07/2021	90% CDs	KB
1	05/20/2021	100% CDs	RL
2	06/06/2021	100% CDs	RL



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SITE INFORMATION

ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

SHEET TITLE

EXISTING BRANCHING
PLAN

SHEET NUMBER

A-5.2

UTILITY GENERAL NOTES:

1. ALL NEW GROUNDINGS MUST BE DONE PER CEC, NEC & LOCAL BUILDING & SAFETY REQUIREMENTS.
2. ALL NEW CONDUIT MUST BE RGS CONDUITS. INSTALL WEATHERPROOF PULL BOXES AS REQD. PER CEC, NEC & LOCAL BLDG. & SAFETY.
3. ALL NEW PULL BOXES MUST BE HOT-DIPPED GALVANIZED AND WEATHERPROOF.
4. ALL NEW WIRE SPLICES PULL BOXES DONE PER CEC & NEC.
5. FIELD VERIFY EXACT ELECTRICAL CONDUIT ROUTE.

UTILITY NOTES

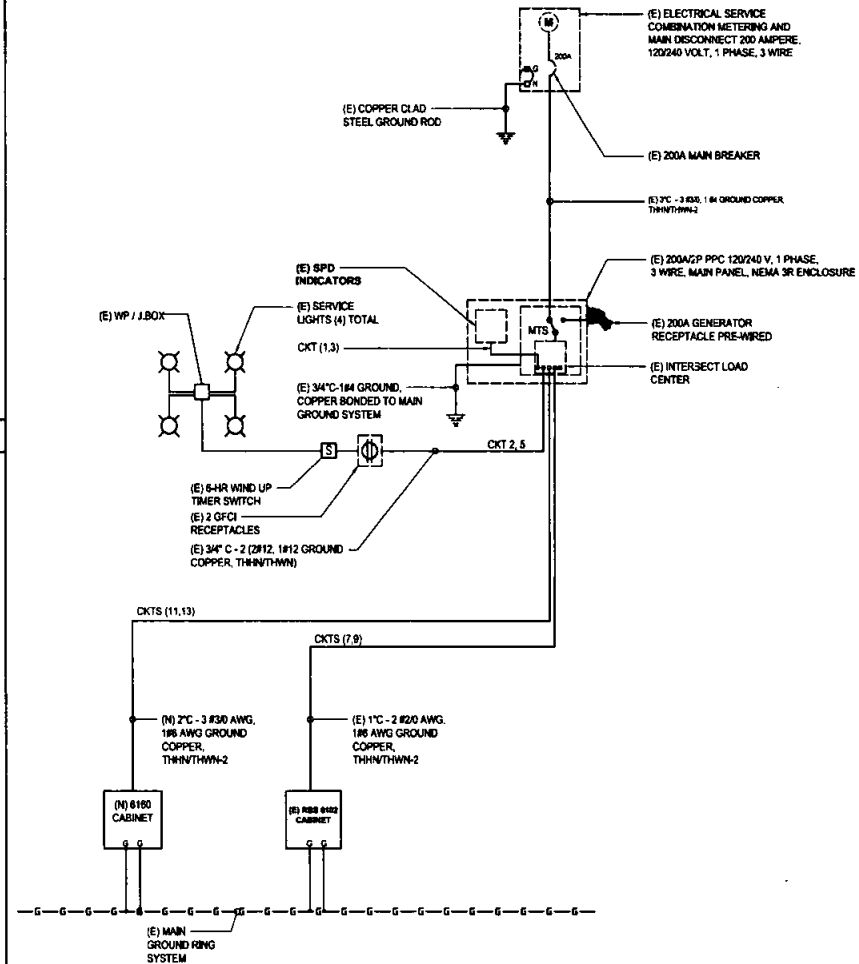
SCALE
N.T.S. 3

EXISTING MAIN ELECTRICAL PANEL						
120/240 V, 1 PHASE, 3 WIRE, 10 KAIC, 200 AMP BUS						
200 AMP/2P MAIN BREAKER MTS						
DESCRIPTION	C/B	CT NO.	PHASE 1	PHASE 2	DESCRIPTION	
(E) SPD INDICATORS	RA	1	840	-	2	(E) OUTLET
	2P	3	-	230	4	
(E) LIGHTS	RA	5	230	230	6	
	2P	7	3300	-	8	
(E) RBS 6102 CABINET	RA	9	-	3300	10	
	2P	11	6600	-	12	
(N) 6150 CABINET	RA	13	-	6600	14	
	2P	15	-	-	16	
		17	-	-	18	
		19	-	-	20	
		21	-	-	22	
		23	-	-	24	
		25	-	-	26	
		27	-	-	28	
		29	-	-	30	
LOAD PHASE 1		10,970	10,360	LOAD PHASE 2		
TOTAL LOAD (PHASE 1 & 2) =			21,330			
ADDITIONAL 25% CONTINUOUS LOAD =			5,333			
TOTAL LOAD			26,663			
TOTAL AMPS			111 AMPS			

PANEL SCHEDULE

SCALE
N.T.S. 2

1-LINE DIAGRAM



T-Mobile
1599 AVISTA DRIVE, SUITE 100
SAN DIEGO, CA 92108
619-594-1438

MD7
MD7, LLC
12080 West Center Ave., Suite 300
San Diego, CA 92130
619-594-1438

REVISIONS				
NO.	DATE	DESCRIPTION	BY	CHKD
0	05/07/2021	90% CD	KB	
1	05/20/2021	100% CD	RL	
2	06/05/2021	100% CD	RL	

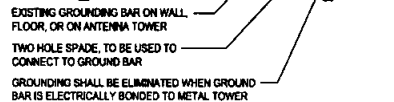


SITE INFORMATION
ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

SHEET TITLE
1-LINE DIAGRAM, PANEL
SCHEDULE & UTILITY
NOTES

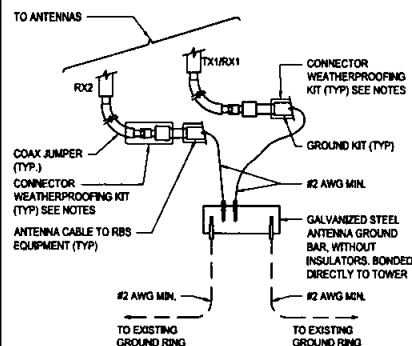
SHEET NUMBER
E-1.0

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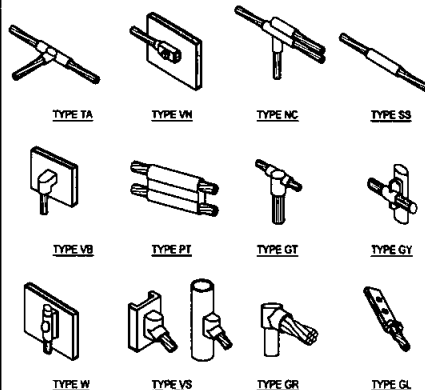


1. APPLY NO-OX TO LUG AND BAR CONTACT SURFACE. DO NOT COAT IN LINE LUG.
2. IF STOLEN GROUND BARS ARE ENCOUNTERED, CONTACT T-MOBILE CM FOR REPLACEMENT THREADED ROD KIT.

SCALE	7
N.T.S.	



SCALE	6
N.T.S.	



SCALE	5
N.T.S.	

- ① EXISTING ANTENNA GROUND BUS BAR NEAR ANTENNA MOUNTS WITH COAX GROUND KIT. SEE DETAIL 6G-1.0.
- ② EXISTING #6 AWG GROUND FROM ANTENNA GROUND BUS BAR TO THE INTO EXISTING GROUNDING SYSTEM (TYP OF (2) PLACES). SEE DETAIL 7G-1.0.
- ③ PROPOSED #6 AWG GROUND FROM ANTENNAS TO ANTENNA GROUND BUS BAR. SEE DETAIL 6G-1.1.
- ④ PROPOSED #6 AWG GROUND FROM RADIOS TO ANTENNA GROUND BUS BAR. SEE DETAIL 6G-1.1.
- ⑤ EXISTING EQUIPMENT GROUND BUS BAR NEAR EQUIPMENT WITH COAX GROUND KIT. SEE DETAIL 7G-1.0.
- ⑥ EXISTING #6 AWG GROUND FROM EXISTING EQUIPMENT GROUND BUS BAR TO THE INTO EXISTING GROUNDING SYSTEM (TYP OF (2) PLACES). SEE DETAIL 7G-1.0.
- ⑦ PROPOSED #6 AWG GROUND FROM EQUIPMENT CABINET TO EQUIPMENT GROUND BUS BAR. SEE DETAIL 7G-1.1.

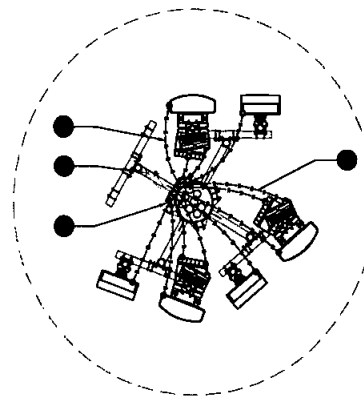
SCALE	4
N.T.S.	

- | | |
|---|--|
|  | COPPER GROUND ROD |
|  | MECHANICAL CONNECTION |
|  | CADWELD CONNECTION |
|  | FIELD VERIFY & TIE INTO
EXISTING GROUNDING SYSTEM |
|  | TEST WELL |
|  | GROUND BAR |
|  | GROUNDING WIRE |

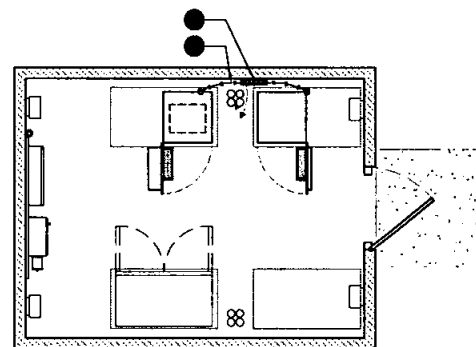
SCALE	3
N.T.S.	

1. ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL INSTALLATION AND CONNECTIONS MAY VARY DUE TO SITE SPECIFIC CONDITIONS.
2. GROUND ALL ANTENNA BASES, FRAMES, CABLE RUNS, AND OTHER METALLIC COMPONENTS USING GROUND WIRES AND CONNECT TO SURFACE MOUNTED BUS BARS. FOLLOW ANTENNA AND BROADCAST MANUFACTURES PRACTICES FOR GROUNDING REQUIREMENTS. GROUND COAX SHIELDS AT BOTH ENDS AND EXIT FROM TOWER OR POLE USING GMR'S PRACTICES.
3. ALL GROUND WIRE SHALL BE GREEN INSULATED WIRE ABOVE GROUND.
4. CONTRACTOR TO VERIFY AND TEST GROUND TO SOURCE. GROUNDING AND OTHER OPERATIONAL TESTING WILL BE WITNESSED BY A T4MOBILE REPRESENTATIVE.
5. REFER TO DIVISION 18 GENERAL ELECTRIC; GENERAL ELECTRICAL PROVISION AND COMPLY WITH ALL REQUIREMENTS OF GROUNDING STANDARDS.
6. CONTRACTOR TO ABIDE BY ALL T4MOBILE SAFETY STANDARDS DURING SITE CONSTRUCTION.
7. CONTRACTOR SHALL REFER TO T4MOBILE STANDARDS FOR GROUNDING CONNECTIONS & INSTALLATION METHODS.
8. ELECTRICAL CONTRACTOR TO PROVIDE DETAILED DESIGN OF GROUNDING SYSTEM, AND RECEIVE APPROVAL OF DESIGN BY AUTHORIZED T4MOBILE REPRESENTATIVE, PRIOR TO INSTALLATION OF GROUNDING SYSTEM. PHOTO DOCUMENT ALL GROUNDWELDS AND GROUND RING.
9. NOTIFY CONSTRUCTION MANAGER IF THERE ARE ANY DIFFICULTIES INSTALLING GROUNDING SYSTEM DUE TO SITE SOL. CONDITIONS.
10. GROUNDING ROD NOTES (WHERE APPLICABLE)
11. ELECTRICAL CONTRACTOR SHALL ORDER GROUND RESISTANCE TESTING ONCE THE GROUND SYSTEM HAS BEEN INSTALLED; A QUALIFIED INDIVIDUAL UTILIZING THE FALLING POTENTIAL METHOD, SHOULD PERFORM THE TEST. THE REPORT WILL SHOW THE LOCATION OF THE TEST AND CONTAIN NO LESS THAN 8 TEST POINTS ALONG THE TESTING LINE. GRAPHED OUT TO SHOW THE PLATEAU.
12. POINT GROUND TEST OR 3 POINT 62% TESTS WILL NOT BE ACCEPTED AS ALTERNATIVES TO THE AFORE MENTIONED GROUND TESTS. TEST SHALL BE PERFORMED WHILE THE COUNTERPOISE IS ISOLATED. TEST SHALL BE PERFORMED WHILE THE COUNTERPOISE IS ISOLATED FROM THE AC SYSTEM GRIDS AND EXISTING COMMUNICATIONS FACILITY.

SCALE	2
N.T.S.	



ANTENNA GROUNDING PLAN
3/8"=1'-0"



EQUIPMENT GROUNDING PLAN
3/8"=1'-0"

SCALE
AS SHOWN

10504 ASTA SCREITO PYMY #208
SAN DIEGO CA 92121
TJACOB.E.COM

MO7, LLC
10590 West Ocean Air Dr., Suite 300
San Diego, CA 92130
(619) 444-7430

[illegible]

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME AND UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.

SITE INFORMATION

ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

SHEET TITLE

**SCHEMATIC GROUNDING
PLANS, NOTES & DETAILS**

SHEET NUMBER

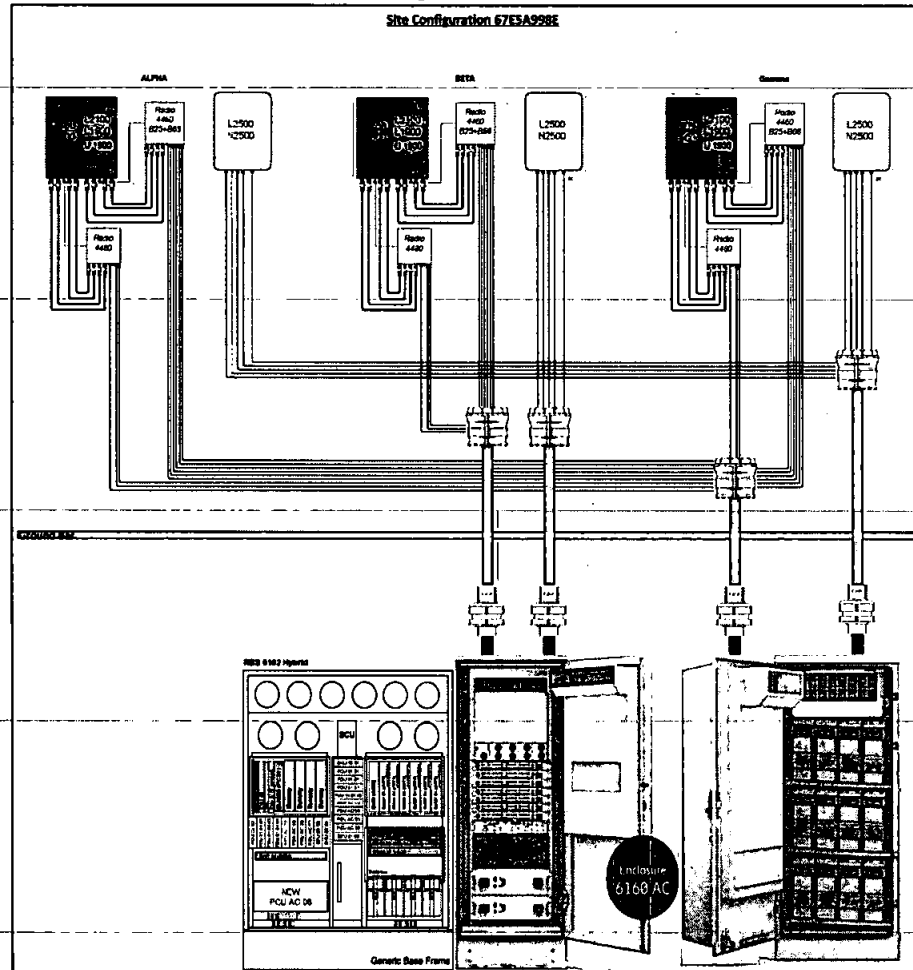
G-1.0

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Section 3 - Proposed Template Images

67e5A998E - digram -anchor-6160-U1900.JPG

Site Configuration 67E5A998E



Notes:

EQUIPMENT CONFIGURATION

T-Mobile
10555 - 115A - 50001110 - 1101 - 1101
SAN DIEGO, CA 92131
T-MOBILE.COM

MD7

MD7, LLC
10580 West Ocean Blvd., Suite 300
San Diego, CA 92130
619-584-1438

REVISIONS

REV.	DATE	DESCRIPTION	BY
0	05/07/2021	90% CDs	KD
1	05/20/2021	100% CDs	RL
2	06/08/2021	100% CDs	RL



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SITE INFORMATION

ANCHOR
WINTERWOOD PARK
SD07118A
7540 WINTERWOOD LANE
SAN DIEGO, CA 92126

SHEET TITLE

EQUIPMENT
CONFIGURATION

SHEET NUMBER

RF-1.0

SCALE
N.T.S. 1

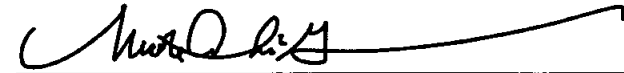
Document Routing Form

Request for Preliminary Review

Title of document to be signed

Carla Gresham

Property Agent



Asset Manager approval

7/13/21

Date

Print name of City Attorney: N/A

Date City Attorney approved the draft: _____

Explanation/Notes: This is a standard request for a preliminary review for
modifications to an existing telecom site. The owning department
has approved the modifications. Mobilitie site at Winterwood Park.

☐ Controversial ☒ Not Controversial