



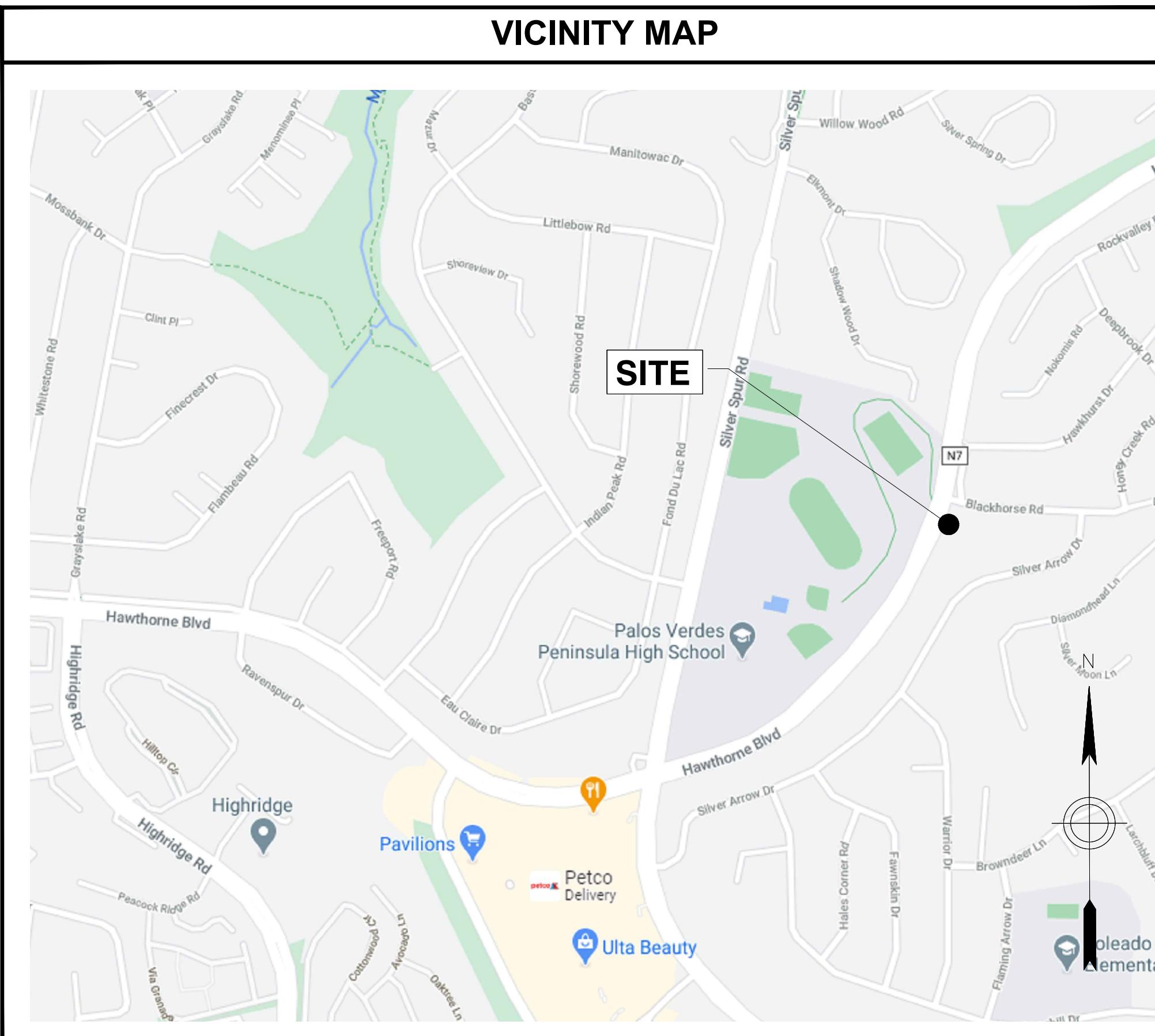
PROPOSED 30A FLAT-RATE WTR SERVICE

SITE: ROLLING HILLS MC G3
(E) POLE# 00034PTC / (N) POLE# 4842621E
1/2 MILE NE OF 27301 HAWTHORNE BLVD
ROLLING HILLS ESTATES, CA 90274
33°46' 48.53" N, 118° 22' 11.73" W
(33.780147, -118.369925)

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APPROVALS			
	PRINT NAME	SIGNATURE	DATE
LANDLORD			
CX MANAGER			
PROJECT MANAGER			
ZONING MANAGER			
SITE ACQ. REP.			
RF ENGINEER			

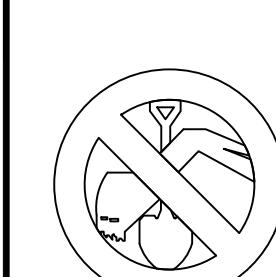
STATEMENTS			
STRUCTURAL: STRUCTURAL ANALYSIS IS NOT WITHIN THE SCOPE OF WORK CONTAINED IN THIS DRAWINGS SET. FOR ANALYSIS OF EXISTING AND/OR PROPOSED COMPONENTS, REFER TO STRUCTURAL ANALYSIS PROVIDED UNDER SEPARATE PERMIT.			
ANTENNA MOUNT ANALYSIS IS NOT WITHIN THE SCOPE OF WORK CONTAINED IN THIS DRAWING SET. FOR ANALYSIS OF ANTENNA MOUNT TO SUPPORT EXISTING AND /OR PROPOSED COMPONENTS. REFER TO ANTENNA MOUNT STRUCTURAL ANALYSIS PROVIDED UNDER SEPARATE COVER.			
PROPRIETARY INFORMATION: THE INFORMATION CONTAINED WITHIN THIS SET OF DRAWINGS IS PROPRIETARY TO VERIZON. ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO VERIZON IS STRICTLY PROHIBITED.			



CODE COMPLIANCE			
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. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.			
1. CALIFORNIA BUILDING STANDARDS CODE: 2019 TRIENNIAL EDITION OF TITLE 24, WITH AN EFFECTIVE DATE OF JANUARY 1, 2020.	PART 7 - VACANT	PART 8 - CALIFORNIA HISTORICAL BUILDING CODE	PART 9 - CALIFORNIA FIRE CODE, BASED ON THE 2018 INTERNATIONAL FIRE CODE
PART 1 - CALIFORNIA ADMINISTRATIVE CODE	PART 10 - CALIFORNIA EXISTING BUILDING CODE, BASED ON THE 2018 INTERNATIONAL EXISTING BUILDING CODE	PART 11 - CALIFORNIA GREEN BUILDING STANDARDS CODE (ALSO KNOWN AS CALGREEN)	PART 12 - CALIFORNIA REFERENCED STANDARDS CODE
PART 2 - CALIFORNIA BUILDING CODE, BASED ON THE 2018 INTERNATIONAL BUILDING CODE	PART 2.5 - CALIFORNIA RESIDENTIAL CODE, BASED ON THE 2018 INTERNATIONAL RESIDENTIAL CODE	PART 3 - CALIFORNIA ELECTRICAL CODE, BASED ON THE 2017 NATIONAL ELECTRICAL CODE	2. ANSI/TIA-222 (REV H)
PART 4 - CALIFORNIA MECHANICAL CODE, BASED ON THE 2018 UNIFORM MECHANICAL CODE	PART 5 - CALIFORNIA PLUMBING CODE, BASED ON THE 2018 UNIFORM PLUMBING CODE	PART 6 - CALIFORNIA ENERGY CODE	3. 2018 NFPA 101, LIFE SAFETY CODE
PART 5 - CALIFORNIA PLUMBING CODE, BASED ON THE 2018 UNIFORM PLUMBING CODE	PART 6 - CALIFORNIA ENERGY CODE		4. 2019 NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE
PART 6 - CALIFORNIA ENERGY CODE			5. 2019 NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS

SCOPE OF WORK			
THIS PROJECT CONSISTS OF THE INSTALLATION OF ANTENNAS AND ASSOCIATED EQUIPMENT FOR VERIZON WIRELESS' WIRELESS TELECOMMUNICATIONS NETWORK.			
1. VERIZON CONTRACTOR TO REMOVE (2) EXISTING PANEL ANTENNAS AND ALLEY ARM ASSEMBLY, AND INSTALL (1) NEW CANISTER ANTENNA WITH SHROUD ON NEW ARM ASSEMBLY, ON EXISTING 50' WOOD UTILITY POLE 4842621E.			
2. VERIZON CONTRACTOR TO INSTALL (2) RRUS, (4) PSU, (2) DIPLEXERS, (4) SPLITTERS AND (1) FIBER DISTRIBUTION BOX, MOUNTED TO POLE 4842621E.			
3. VERIZON CONTRACTOR TO RELOCATE EXISTING PRISM UNIT TO EXISTING 50' WOOD UTILITY POLE 4842621E.			
4. VERIZON CONTRACTOR TO RELOCATE EXISTING LINES AND MESSENGER CABLES ONTO EXISTING 50' WOOD UTILITY POLE 4842621E.			
5. VERIZON CONTRACTOR TO REMOVE AND REPLACE (2) EXISTING RISERS WITH NEW RISERS ON EXISTING 50' WOOD UTILITY POLE 4842621E.			
6. VERIZON CONTRACTOR TO INSTALL (1) AC LOAD CENTER ON THE POLE, NEAR RADIOS.			
7. VERIZON CONTRACTOR TO REMOVE TOPPED-OFF POLE 00034PTC ONCE FACILITIES HAVE BEEN TRANSFERRED.			
8. VERIZON CONTRACTOR TO INSTALL NEW POLE MOUNTED WTR FUSE PANEL WITH DISCONNECT.			
9. VERIZON CONTRACTOR TO STEP POLE AT 9:00 AND 12:00.			
10. SOUTHERN CALIFORNIA EDISON TO RELOCATE EXISTING OVERHEAD SECONDARY DROP TO NEW REPLACEMENT POLE			

PROJECT INFORMATION			
SITE ADDRESS:	1/2 MILE NE OF 27301 HAWTHORNE BLVD ROLLING HILLS ESTATES, CA 90274	APPLICANT:	VERIZON WIRELESS 15505 SAND CANYON AVE. IRVINE, CA 92618
PROPERTY OWNER/LESSOR:	JPA/SCE 14005 S BENSON AVE., CHINO CA 91710	SITE ACQ / ZONING CONTACT:	PATRICK GRIFFIN J5 INFRASTRUCTURE PARTNERS PGRiffin@J5IP.COM (310) 880-3135
JURISDICTION:	CITY OF ROLLING HILLS	PROJECT MANAGER:	TAMI PRITCHARD J5 INFRASTRUCTURE PARTNERS TPRITCHARD@J5IP.COM (949) 201-9240
LATITUDE:	33°46' 48.53" N / 33.780147	A&E MANAGER:	JASON OFFINEER J5 INFRASTRUCTURE PARTNERS JOFFINEER@J5IP.COM (858) 370-4859
LONGITUDE:	118° 22' 11.73" W / -118.369925	TELECOMMUNICATION FACILITY	RF ENGINEER: CHARAKA WIJEWERA VERIZON WIRELESS CHARAKAWIJEWERA@VERIZONWIRELESS.COM (817) 703-2925
PROPOSED USE:	THE FACILITY IS UNMANNED AND NOT FOR CONTINUOUS HUMAN HABITATION. DISABLED/CHALLENGED ACCESS IS NOT REQUIRED PER CBC 2016, SECTION 11B-203.4 (LIMITED ACCESS SPACE)	CONSTRUCTION JOHN DOAK MANAGER:	CONSTRUCTION JOHN DOAK MANAGER: VERIZON WIRELESS JOHN.DOAK@VERIZONWIRELESS.COM (951) 579-0340
ACCESSIBILITY REQUIREMENTS:			

GENERAL CONTRACTOR NOTES			
DO NOT SCALE DRAWINGS: SUBCONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & 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.			
 UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA 800-227-2600 48 HOURS BEFORE YOU DIG			

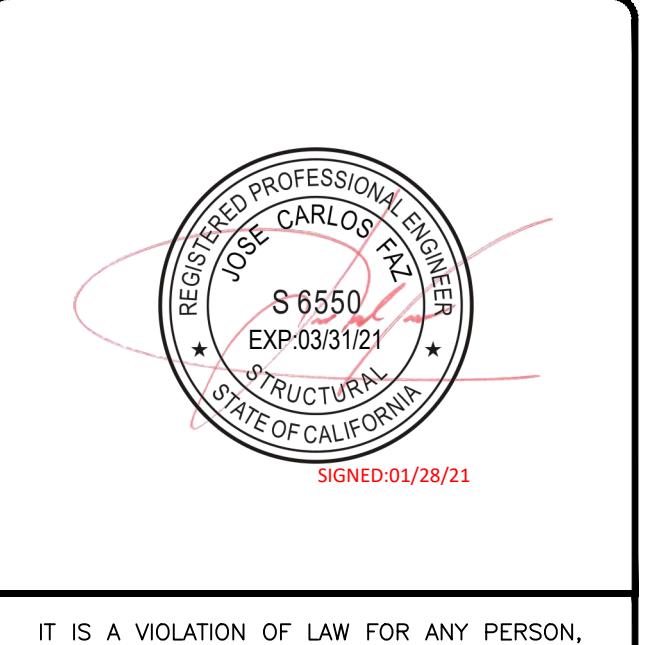


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POLE# 4842621E
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1/2 MILE NE OF 27301 HAWTHORNE BLVD
ROLLING HILLS ESTATES, CA 90274

REV	DATE	DESCRIPTION
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C	11/11/2020	90% CD
B	10/27/2020	90% CD
A	10/26/2020	90% CD



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SHEET TITLE
TITLE SHEET

SHEET NUMBER
T1

- FOR THE PURPOSE OF THIS CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:
CONTRACTOR - GENERAL CONTRACTOR (CONSTRUCTION) AND ANY LOWER TIER SUBCONTRACTORS.
ENGINEER - J5 INFRASTRUCTURE PARTNERS
OWNER - VERIZON WIRELESS
- CONTRACTOR SHALL VISIT THE CELL SITE PRIOR TO THE SUBMISSION OF BIDS TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY, CONFLICT, OR OMISSION FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION, PRIOR TO BID SUBMISSION & PRIOR TO COMMENCEMENT OF ANY WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTION OF ANY ERRORS, OMISSIONS, OR DISCREPANCIES DISCOVERED AFTER THE COMMENCEMENT OF CONSTRUCTION WHICH HAVE NOT BEEN BROUGHT TO THE ATTENTION OF THE ENGINEER. ANY COSTS INCURRED TO REMEDY THE SITUATION SHALL BE AT THE EXPENSE OF THE CONTRACTOR. THE ENGINEER SHALL APPROVE ALL METHODS USED TO CORRECT THE SITUATION.
- ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK.
- ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGES SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
- CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
- AT ANY TIME DURING THE DURATION OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF THE SITE. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.
- AS MAY BE REQUIRED BY THE GOVERNING AGENCY OR PROPERTY OWNER, THE CONTRACTOR SHALL PROVIDE TEMPORARY POWER, WATER, OR TOILET FACILITIES.
- THE EXISTING CELL SITE IS ASSUMED TO BE IN FULL COMMERCIAL OPERATION. ANY CONSTRUCTION WORK BY SUBCONTRACTOR SHALL NOT DISRUPT THE EXISTING NORMAL OPERATION. ANY WORK ON EXISTING EQUIPMENT

GENERAL NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MEANS AND METHODS TO COMPLETE ALL UPGRADES AS INDICATED IN THIS DOCUMENT.
- ALL DIMENSIONS, SECTIONS AND DETAILS OF THE EXISTING STRUCTURE ARE INCLUDED FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY ALL RELEVANT INFORMATION PRIOR TO CONSTRUCTION OR FABRICATION. NOTIFY THE ENGINEER-OF-RECORD IMMEDIATELY OF ANY DISCREPANCIES. ALL NEW WORK SHALL ACCOMMODATE EXISTING CONDITIONS.
- CONTRACTOR IS RESPONSIBLE FOR ERECTING TEMPORARY BARRICADES AND/OR FENCING TO PROTECT THE SAFETY OF THE PUBLIC DURING CONSTRUCTION. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY BARRIERS AND REPAIR ALL DAMAGE TO PROPERTY ON THE SITE CAUSED BY THIS CONSTRUCTION. THE COST OF REPAIR IS THE CONTRACTOR'S RESPONSIBILITY.
- ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS.
- COORDINATE WORK INDICATED ON THESE DRAWINGS WITH THE NEW EQUIPMENT, EXISTING EQUIPMENT, WAVEGUIDE ETC.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL MEASUREMENTS AT THE SITE PRIOR TO ORDERING ANY MATERIALS OR CONDUCTING ANY WORK.
- ALL DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO AISC SPECIFICATIONS AND CODES, LATEST EDITION.
- CONTRACTOR SHALL COLD-GALVANIZE ALL RAW STEEL AS REQUIRED DURING CONSTRUCTION PROCESS.

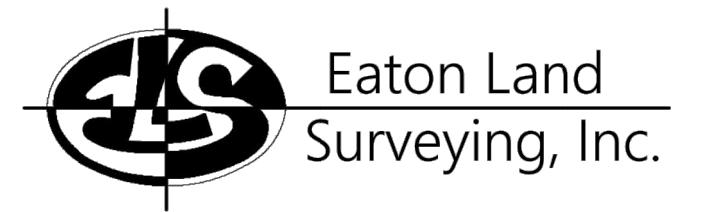
GENERAL UPGRADE NOTES

- MUST BE COORDINATED WITH THE OWNER. ALSO, WORK MAY NEED TO BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS AFTER MIDNIGHT.
- THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REGULATIONS DURING THE ENTIRE CONSTRUCTION PERIOD. SINCE THE CELL SITE MAY BE ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE REQUIRED TO BE WORN TO ALERT OF ANY DANGEROUS EXPOSURE LEVELS.
- THE CONTRACTOR SHALL NOT USE OR INSTALL ANY MATERIAL CONTAINING ASBESTOS OR LEAD PAINT CONTENT. THE USE OF SUCH MATERIAL IS STRICTLY PROHIBITED.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, WHETHER OR NOT SHOWN ON PLANS, AND TO AVOID OR PROTECT THEM FROM ANY DAMAGE. ANY COSTS INCURRED TO REPAIR UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE AT THE SOLE COST OF THE CONTRACTOR. TELEPHONE 811 FOR USA DIG ALERT.
- THE GOVERNING AGENCY MAY REQUIRE A COPY OF THE APPROVED PLANS TO BE KEPT ON SITE AT ALL TIMES. THE CONTRACTOR SHALL MAKE SUCH A SET AVAILABLE FOR INSPECTION AT ALL TIMES. ANY DEVIATIONS FROM THE APPROVED SET SHALL BE DOCUMENTED AND PROVIDED TO THE ENGINEER FOR APPROVAL. THE CONTRACTOR SHALL BEAR THE SOLE COST TO CORRECT ANY INSTALLATION WHICH DEVIATES FROM APPROVED PLANS AND IS NOT ACCEPTED BY THE ENGINEER.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL MEANS & METHODS, TECHNIQUES, SEQUENCING, AND PROCEDURES REQUIRED TO PERFORM THE WORK. ANY ANALYSIS OF THE STRUCTURE UNDER TEMPORARY CONSTRUCTION LOADING CONDITIONS IS OUTSIDE OF THE SCOPE OF THESE DRAWINGS. THE CONTRACTOR SHOULD EVENLY DISTRIBUTE ANY MATERIAL TO BE STORED ON SITE DURING CONSTRUCTION SO THAT THE LOAD DOES NOT EXCEED THE STRUCTURES DESIGNED LIVE LOAD; OR PROVIDE TEMPORARY SHORING OR BRACING IN THESE AREAS.
- DRAWINGS ARE NOT TO BE SCALED. DIMENSIONS SHOWN TAKE PRECEDENCE OVER SCALE.
- ALL NEW COMPONENTS ADD TO THE EXTERIOR OF THE STRUCTURE, WHICH ARE VISIBLE FROM PUBLIC VIEW, SHALL BE PAINTED TO MATCH THE EXISTING CONDITIONS.
- ALL DETAILS AND NOTES INDICATED IN THESE PLANS ARE THE MINIMUM REQUIREMENTS.
- IT MAY BE NECESSARY TO TEMPORARILY RELOCATE, REMOVE, REPLACE, OR WORK AROUND VARIOUS ARCHITECTURAL FEATURES, PIPES, FIXTURES, CABLING, OR OTHER NON-STRUCTURAL ITEMS IN ORDER TO COMPLETE THE PROPOSED WORK. CONTRACTOR SHALL RESTORE THESE ITEMS TO THEIR ORIGINAL CONDITION AT THEIR EXPENSE UNLESS OTHERWISE NOTED IN THESE PLANS.

1

1A CERTIFICATION

verizon



1-A ACCURACY CERTIFICATION

Verizon Wireless
15505 Sand Canyon Avenue
Building "D" First Floor
Irvine, California 92618

C/O J5 INFRASTRUCTURE PARTNERS

Date of Survey: 02/25/2020
Date of Issue: 10/16/2020

Site Name: Rolling Hills MC_G03
Site Type: Wood Utility Pole
Site Location: 1/2 Mile NE of 27301 Hawthorne Blvd
Rancho Palos Verdes, CA 90274
Los Angeles County



I, Shawn Eaton, hereby certify the following coordinates:

Centroid of Geodetic Coordinates (NAD83) (NORTH AMERICAN DATUM 1983, NAD83)

Latitude: 33°46'48.53" N (33.780147 DD)
Longitude: 118°22'11.73" W (-118.369925 DD)

And further certify that the elevation calls produced hereon are ABOVE MEAN SEA LEVEL (A.M.S.L.).
NORTH AMERICAN DATUM 1988 (NAVD88) **(SEE Benchmark Datum Referenced Hereon)

Elevation at Base of *Existing* Structure = 829.4' (+/- 829' - 5") (A.M.S.L.) (NAVD88)
Elevation at Top of *Existing* Structure = 872.6' (+/- 872' - 7") (A.M.S.L.) (NAVD88)
Elevation at Highest Point (Top of Pole) = 872.6' (+/- 872' - 7") (A.M.S.L.) (NAVD88)

And further certify that the measured heights are as stated ABOVE GRADE LEVEL (A.G.L.)

Ground to Top of *Existing* Structure = 43.2' (+/- 43' - 2") (A.G.L.)
Ground to Top of Highest Point (Top of Pole) = 43.2' (+/- 43' - 2") (A.G.L.)

The horizontal accuracy of the latitude and longitude at the center of each sector falls within twenty (20) feet. The elevations (NAVD88) of the ground and fixtures fall within three (3) feet. The measured heights (A.G.L.) are within +/- one (1) foot vertically. Geodetic Coordinates and Elevations were established using Survey Grade G.P.S. Receivers. Benchmark Reference: Project elevations established from GPS derived Orthometric heights by application of NGS 'Geoid 12B' modeled separations to ellipsoid heights determined by observations of the 'CRTN' Real Time Network. All elevations shown hereon are referenced to NAVD88.

D 01/19/2021 90% CD (FINAL POWER) PS
C 11/11/2020 90% CD JO
B 10/27/2020 90% CD JO
A 10/26/2020 90% CD JO
REV DATE DESCRIPTION



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SHEET TITLE

GENERAL NOTES & 1A CERTIFICATION

SHEET NUMBER

T2

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J5 INFRASTRUCTURE
PARTNERS
AZ - CA - CO - ID - NM - NV - TX - UT
2030 MAIN STREET, SUITE 200
IRVINE, CA 92614

SITE NAME:
ROLLING HILLS
MC G3

POLE# 4842621E

SITE ADDRESS:
1/4 MILE NE OF 27301 HAWTHORNE BLVD
ROLLING HILLS ESTATES, CA 90274



SIGNED:01/28/21



LOOKING EAST



LOOKING EAST (CLOSEUP)



EXISTING POLE TAG

POLE PHOTOS

1

EQUIP	MANUFACTURER	MANUF. SPEC #	NO. NO ATTACHMENTS	SIZE	WEIGHT	WEIGHT ATTACHED ABOVE TOP OF POLE	WEIGHT ATTACHED TO SIDES OF POLE
ANTENNA (2')	AMPHENOL	2C4U3MB180X06Fxs0	1	24.0" H x 14.6" dia.	24 lbs		24 lbs
RRU	ERICSSON	8843	1	18"H x 13.2"W x 11.3"D	75 lbs		75 lbs
RRU	ERICSSON	4449	1	18"H x 13.2"W x 9.4"D	70 lbs		70 lbs
MOUNTING BRACKET <i>integrated in pole design</i>							
TLU/PMU-4	NOKIA	TLU/PMU-4	1	17.71" L x 6.88" W x 3.85" D	4 lbs		14 lbs
OTHER: PSU	ERICSSON	PSU AC 02	4	7" L x 13" W x 3" D	11.5 lbs		46 lbs
OTHER: AC LOAD CENTER	RAYCAP		1	10.43" H x 9.38" W x 5.06" D	8 lbs		8 lbs

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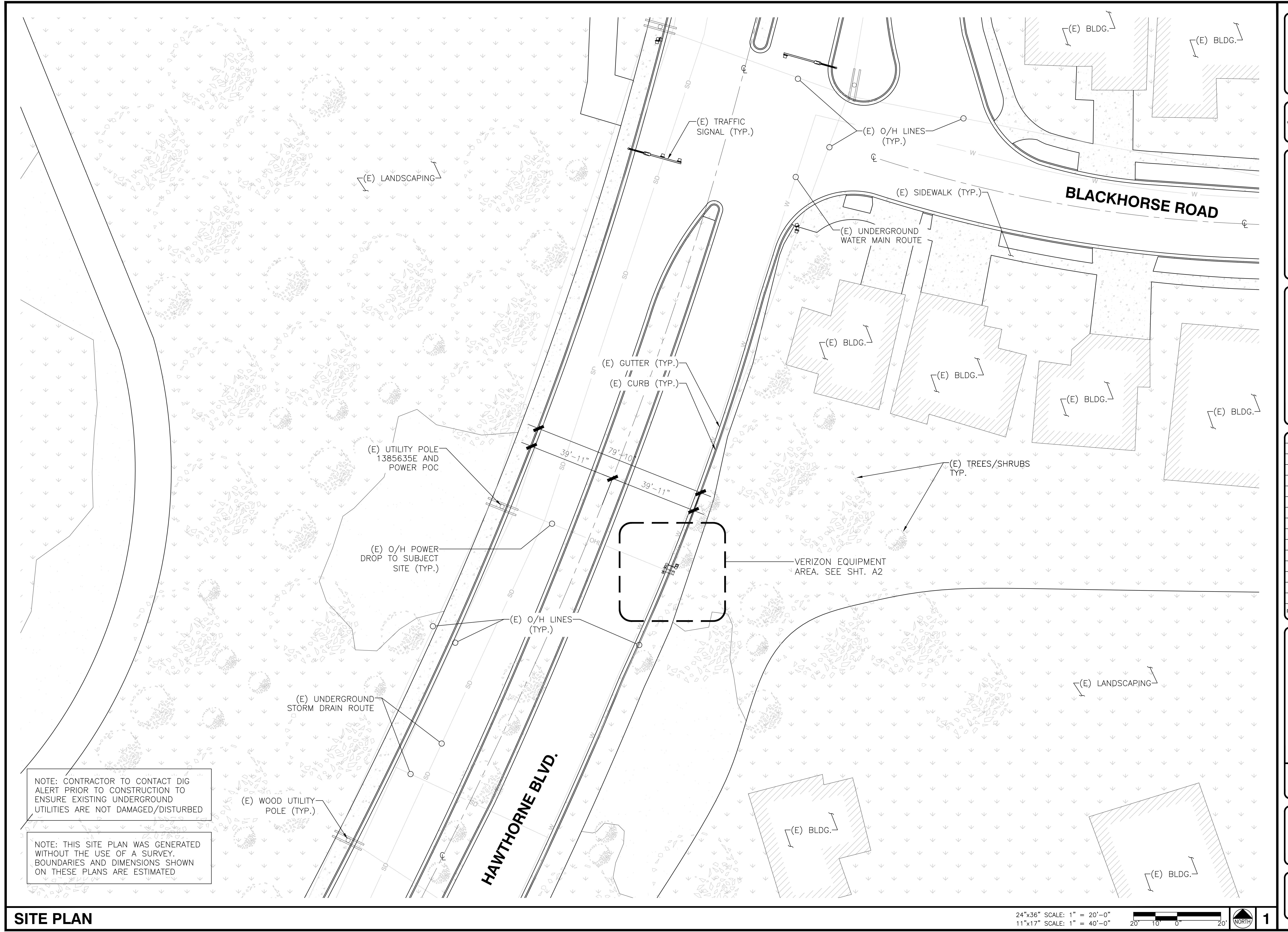
SHEET TITLE
**POLE PHOTOS &
EQUIPMENT SCHEDULE**

SHEET NUMBER
T3

EQUIPMENT SCHEDULE

2

EQUIPMENT VOLUME DIAGRAM				
EQUIPMENT	DIMENSIONS	VOLUME (cu.in.)	QUANTITY	
MOUNT ASSEMBLY	14.6" dia. x 24.6"	4,500	1	4,500
ANTENNA		4118.42	1	4118.42
TLU/PMU	17.71" X 6.88" X 3.85"	469.10248	1	469.10248
RADIO SHROUD	28" X 14.6" X 14.6"	5968.48	2	11936.96
PSU	12.99" X 7.04" X 2.68"	245.084928	4	980.339712
AC LOAD CENTER	10.43" X 9.38" X 5.06"	495.04	1	495.04
TOTAL (cu.in.)				22,500
TOTAL (cu.ft.)				13.02



verizon✓

5505 SAND CANYON AVE.
BLDG. D 1ST FLOOR
IRVINE, CA 92618

BLDG. D 1ST FLOOR
IRVINE, CA 92618

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AS IT RELATES TO VERIZON WIRELESS IS
STRICTLY PROHIBITED

JS INFRASTRUCTURE
PARTNER

10 MAIN STREET, SUITE 200

IRVINE, CA 92614

10 MAIN STREET, SUITE 200
IRVINE, CA 92614

**SITE NAME:
LLING HILLS
MC G3**

DOI E# 4842621E

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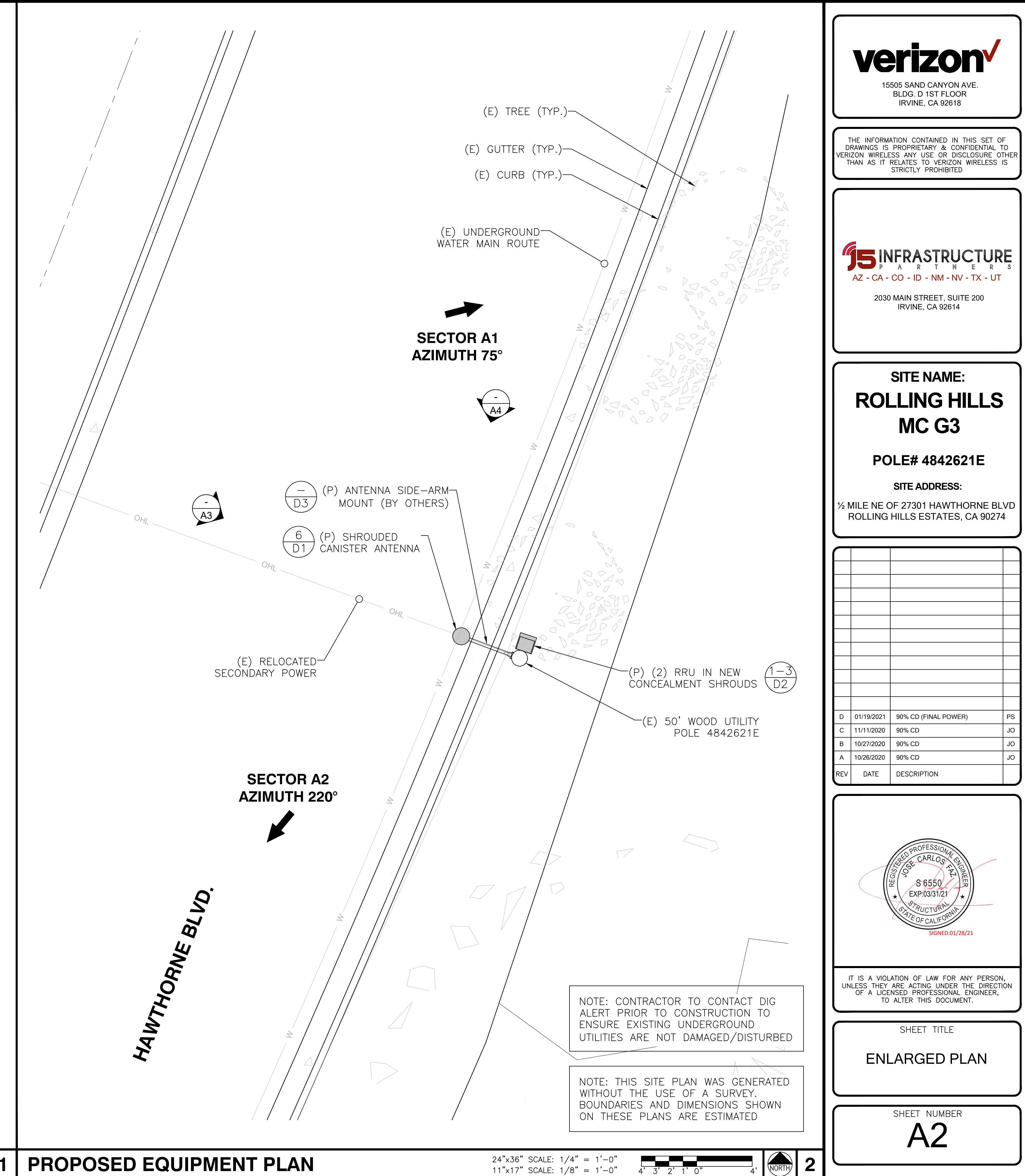
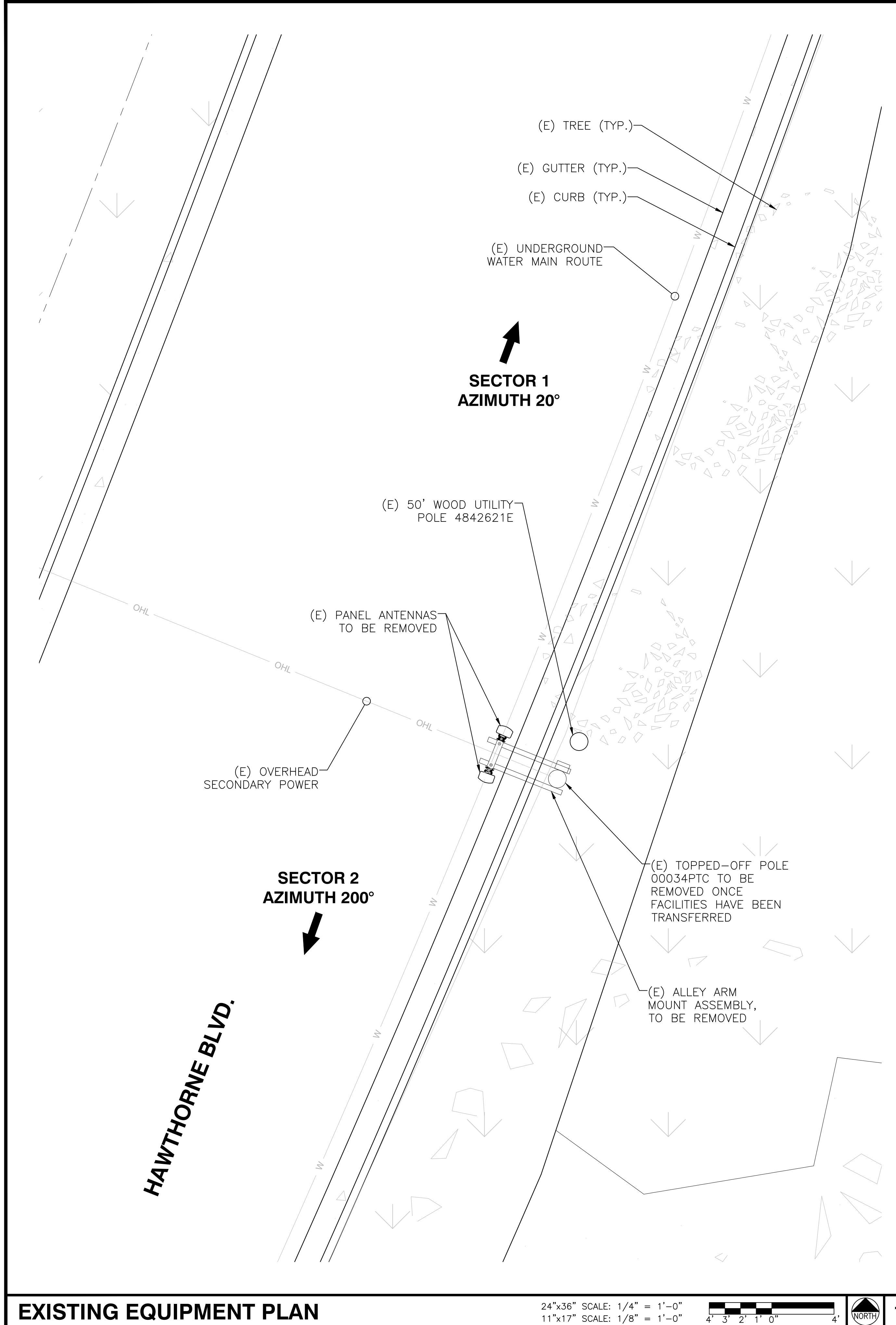
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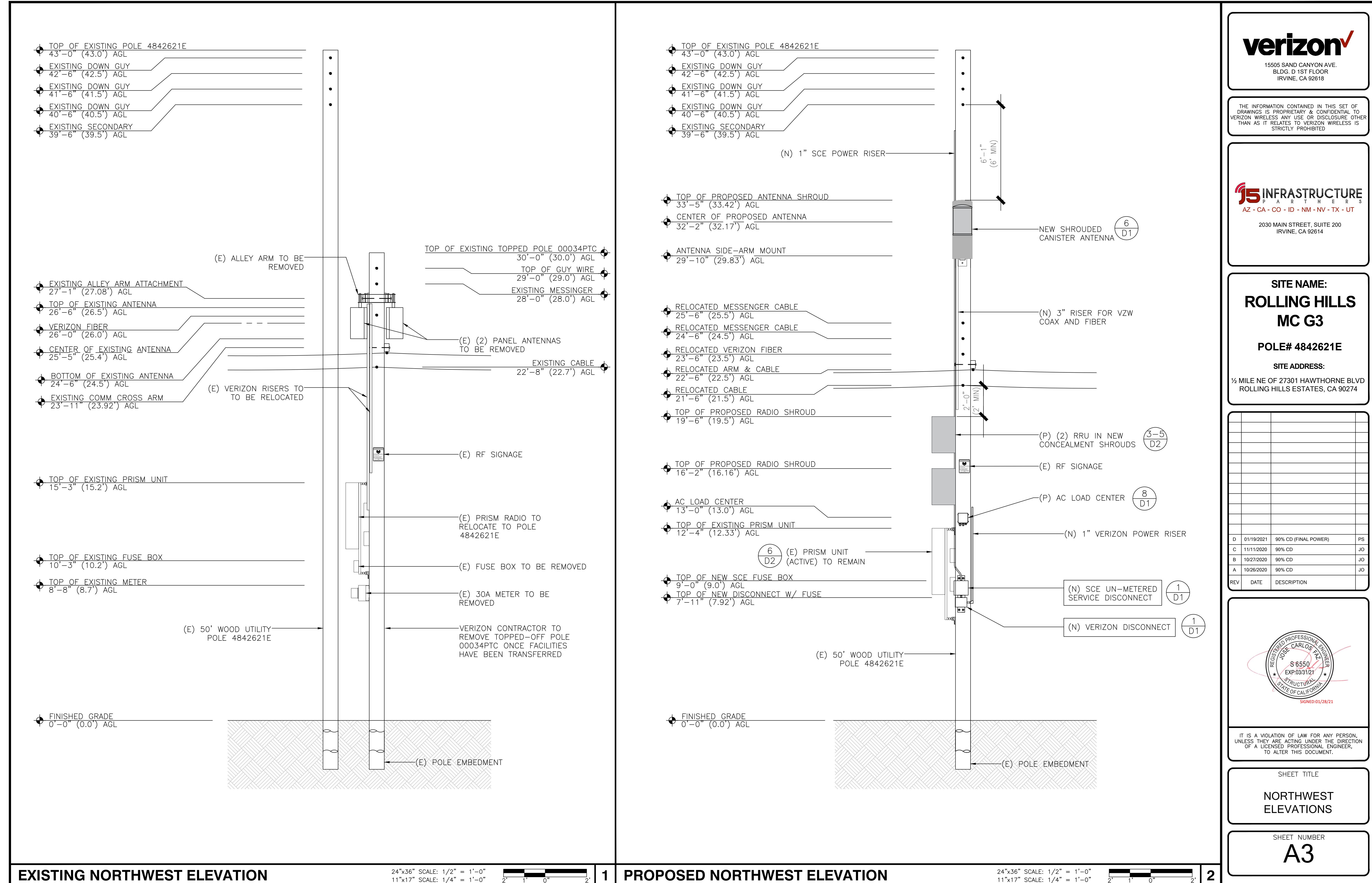
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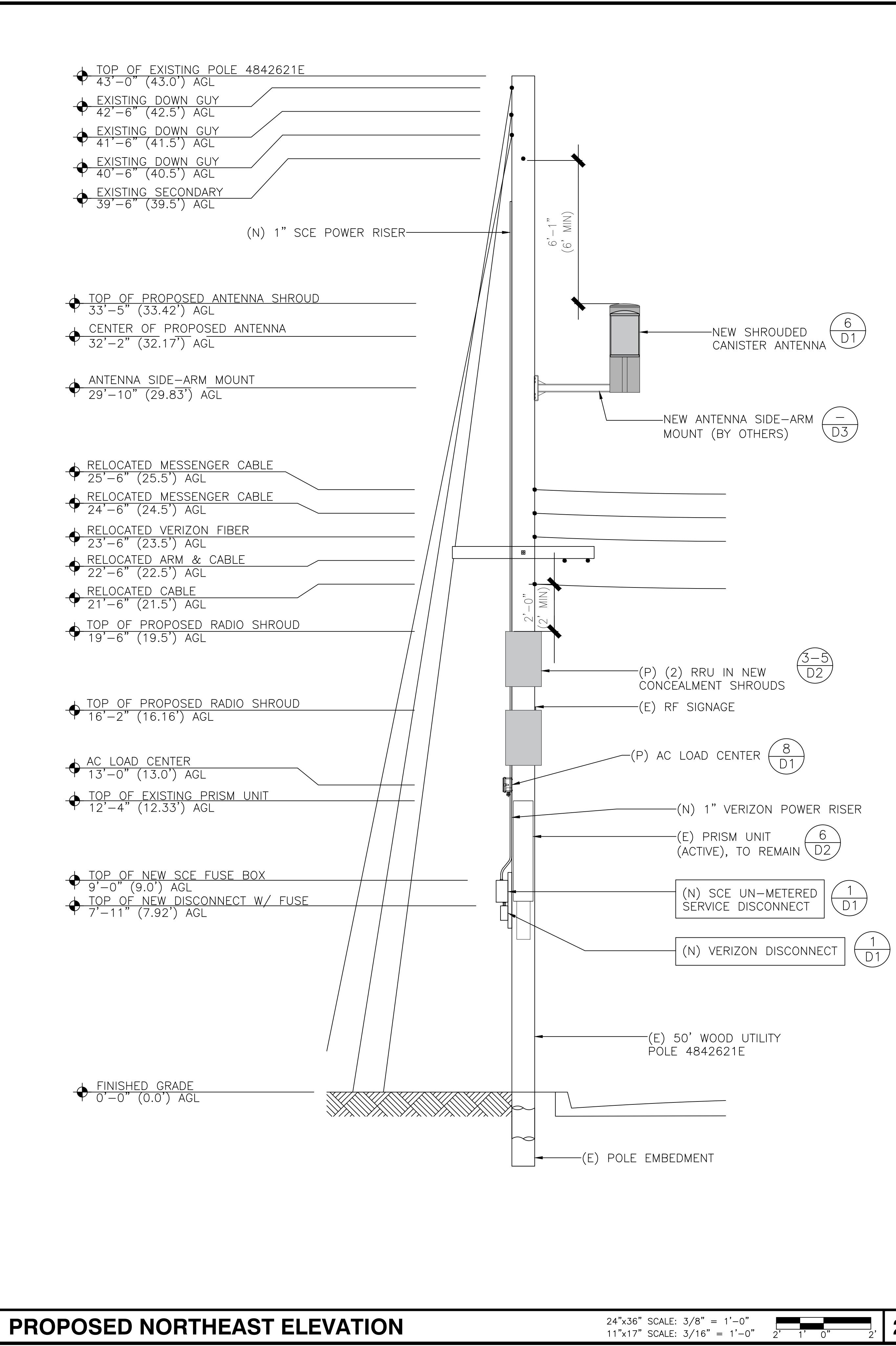
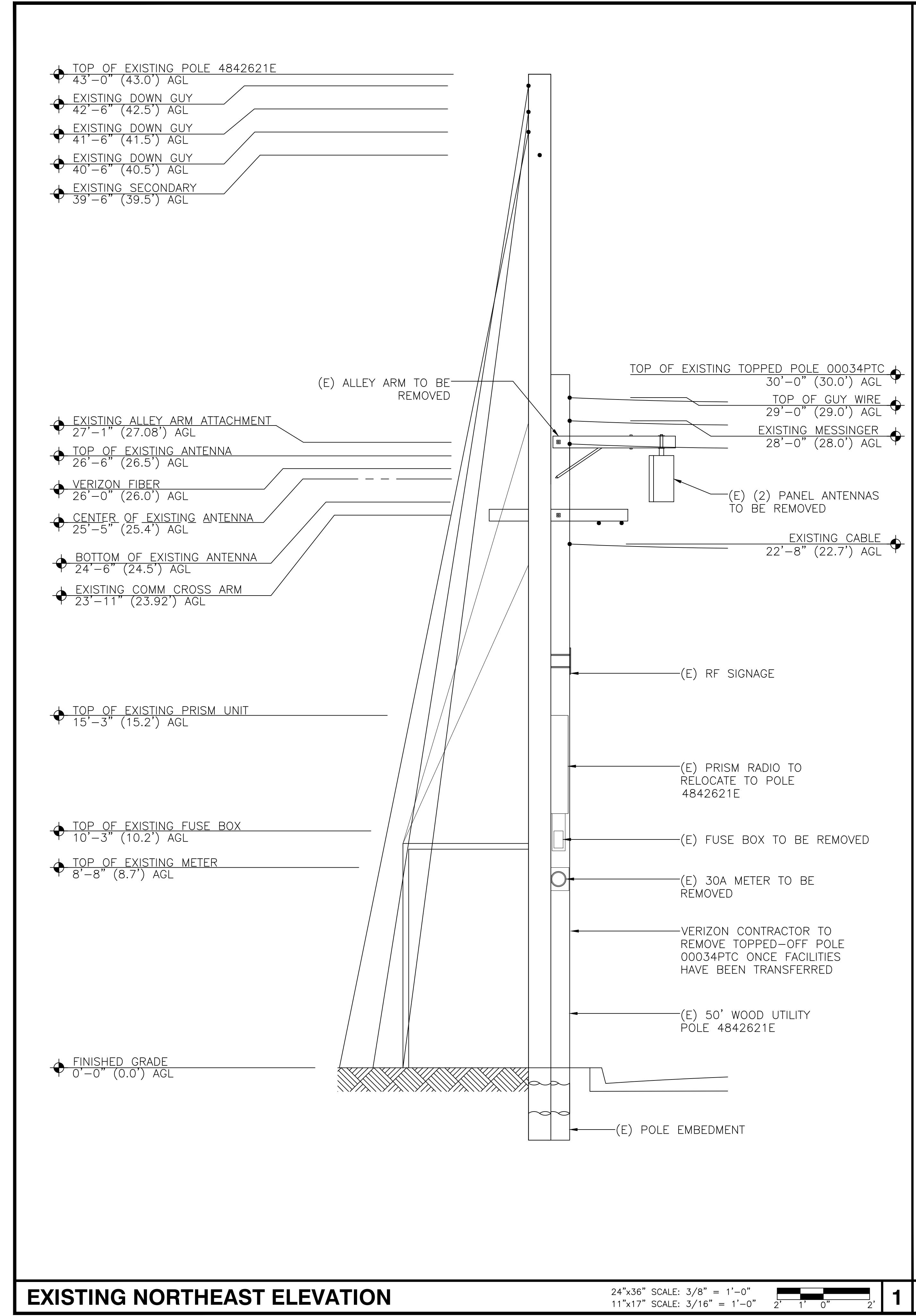
SITE PLAN

SHEET NUMBER

A1







verizon
15505 SAND CANYON AVE.
BLDG. D 1ST FLOOR
IRVINE, CA 92618

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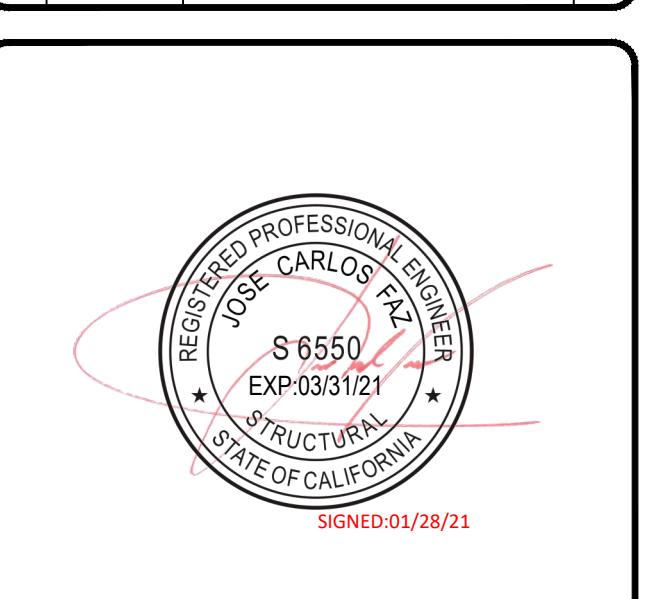
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AZ - CA - CO - ID - NM - NV - TX - UT
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IRVINE, CA 92614

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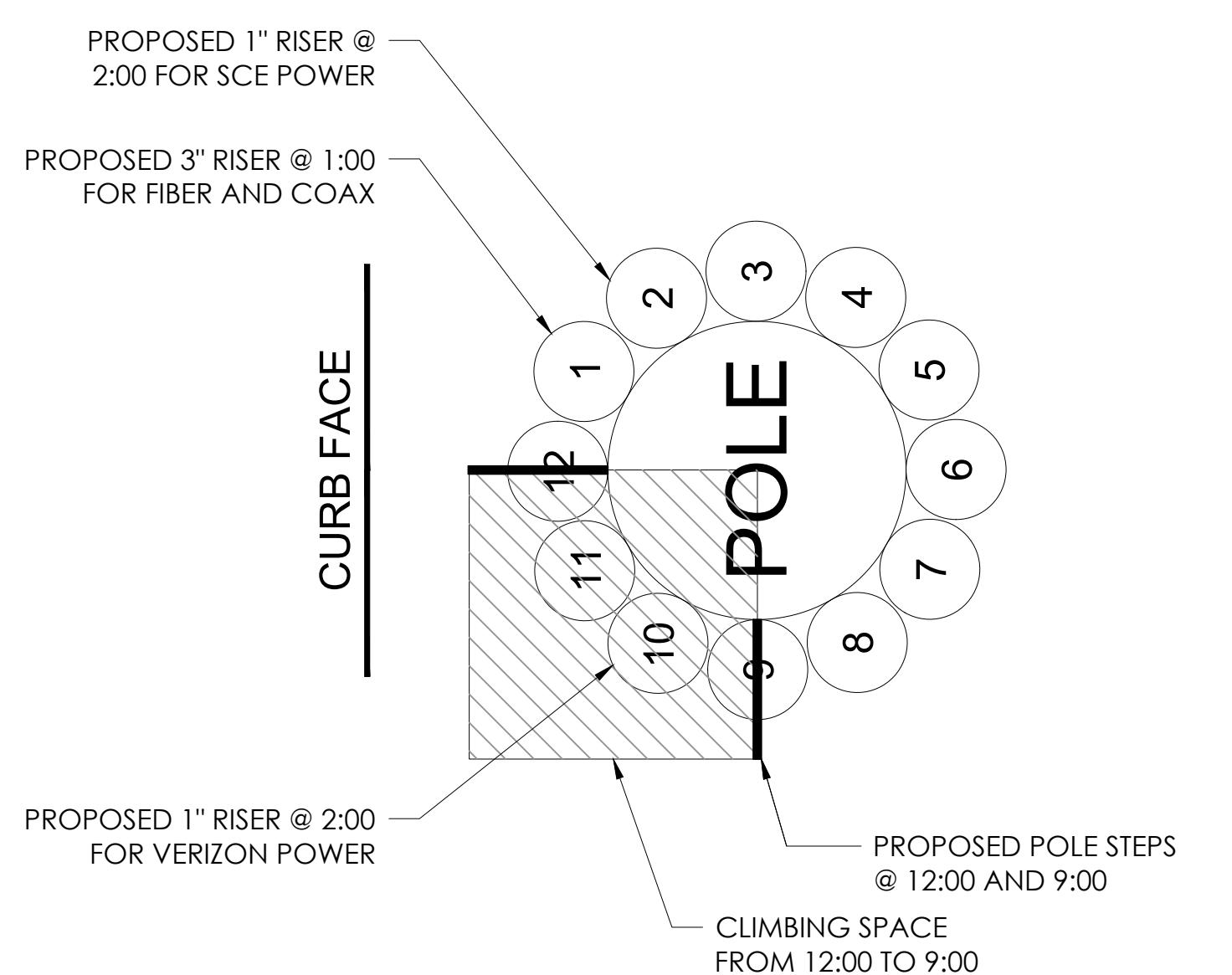
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B	10/27/2020	90% CD	JO
A	10/26/2020	90% CD	JO



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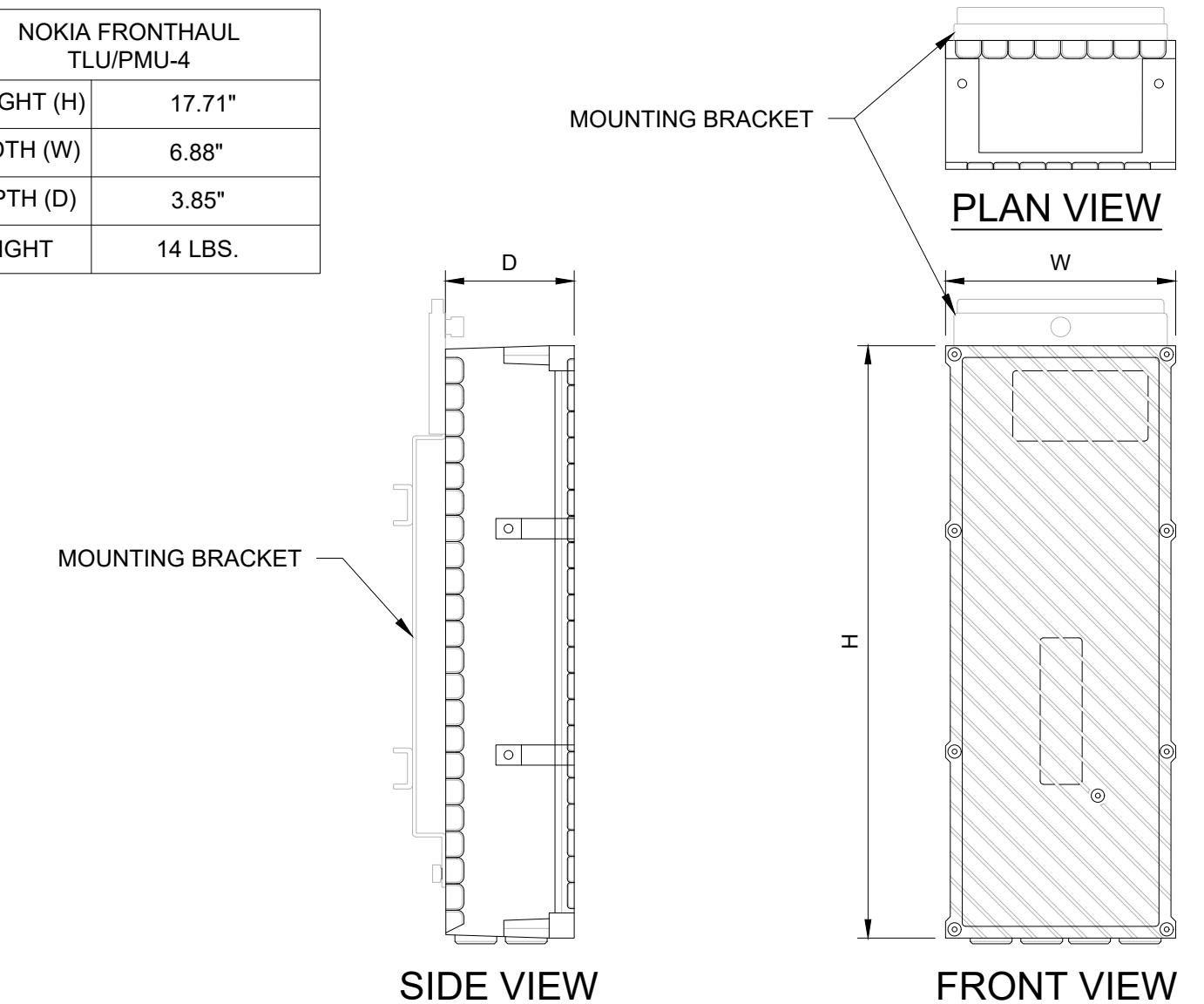
SHEET TITLE
NORTHEAST ELEVATIONS

SHEET NUMBER
A4



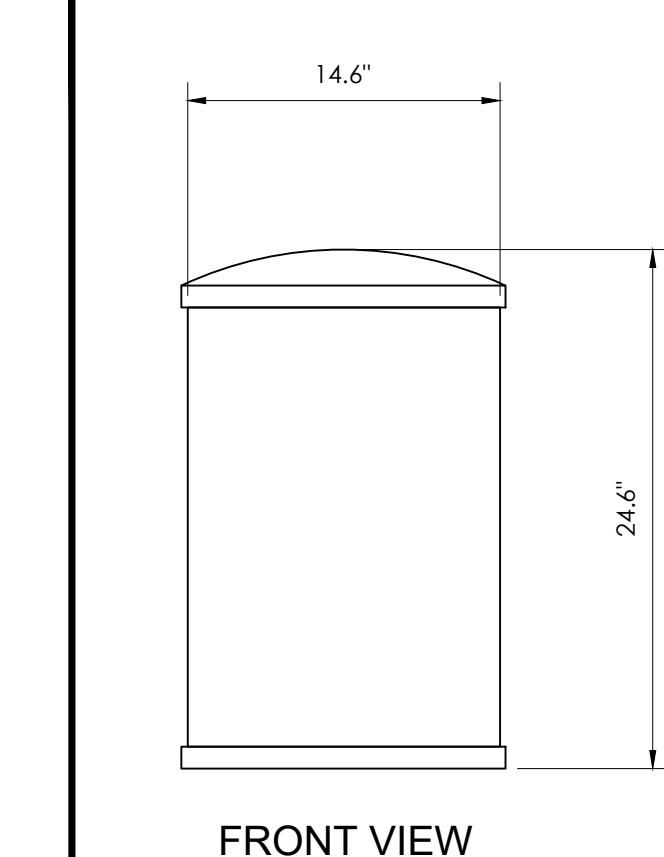
RISER DIAGRAM

NOKIA FRONTHAUL TLU/PMU-4	
HEIGHT (H)	17.71"
WIDTH (W)	6.88"
DEPTH (D)	3.85"
WEIGHT	14 LBS.

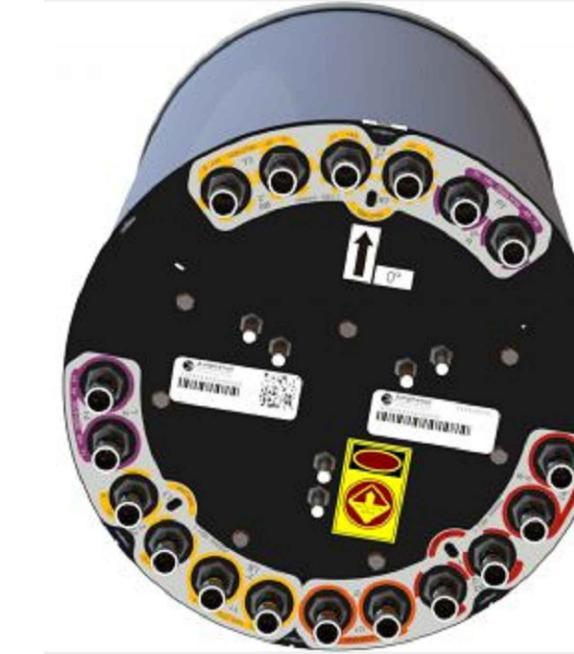


NOT USED

1 NOKIA FRONTHAUL TLU/PMU-4



FRONT VIEW

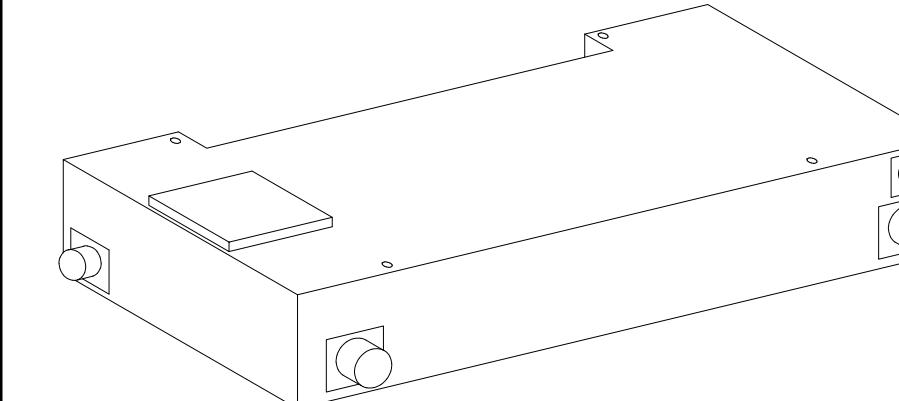


BOTTOM VIEW

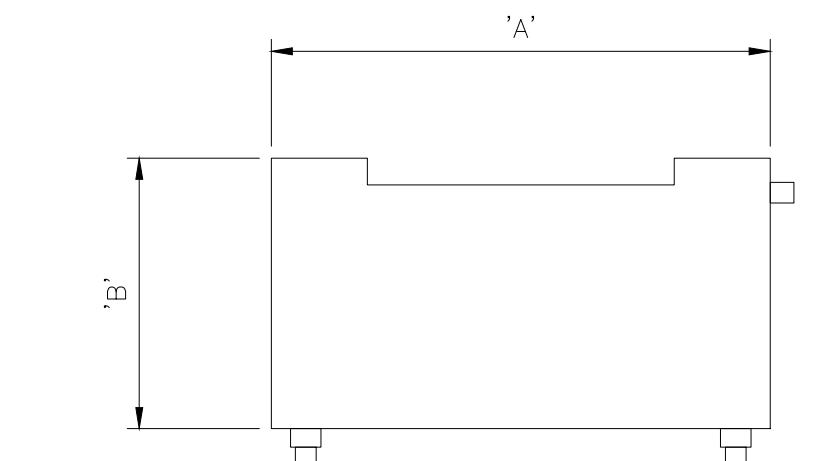
MANUFACTURER:	AMPHENOL
MODEL NO.:	2C4U3MB180X06Fwxyys0
WEIGHT:	24.0 LBS

3 ANTENNA

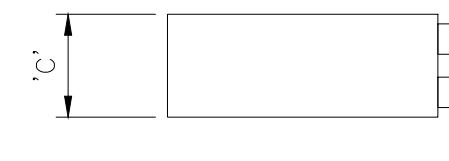
MANUFACTURER:	ERICSSON
MODEL NO.:	POWER SUPPLY UNIT
DIMENSIONS:	TOTAL WEIGHT :
A 12.99"	
B 7.04"	11.64 LBS.
C 2.68"	



ISOMETRIC VIEW



TOP VIEW



SIDE VIEW

**SITE NAME:
ROLLING HILLS
MC G3
POLE# 4842621E**

**SITE ADDRESS:
1/4 MILE NE OF 27301 HAWTHORNE BLVD
ROLLING HILLS ESTATES, CA 90274**

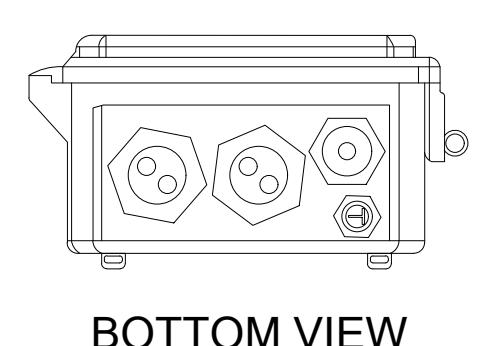
D	01/19/2021	90% CD (FINAL POWER)	PS
C	11/11/2020	90% CD	JO
B	10/27/2020	90% CD	JO
A	10/26/2020	90% CD	JO
REV	DATE	DESCRIPTION	



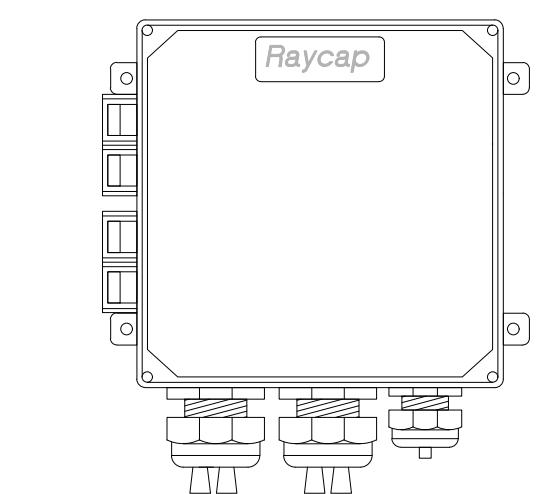
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**SHEET TITLE
DETAILS**

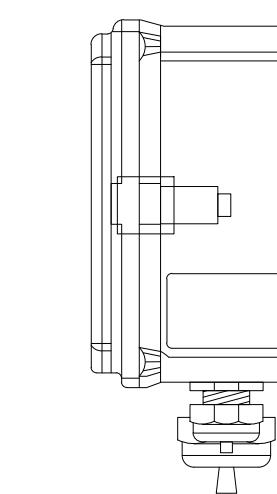
**SHEET NUMBER
D1**



BOTTOM VIEW



FRONT VIEW



SIDE VIEW

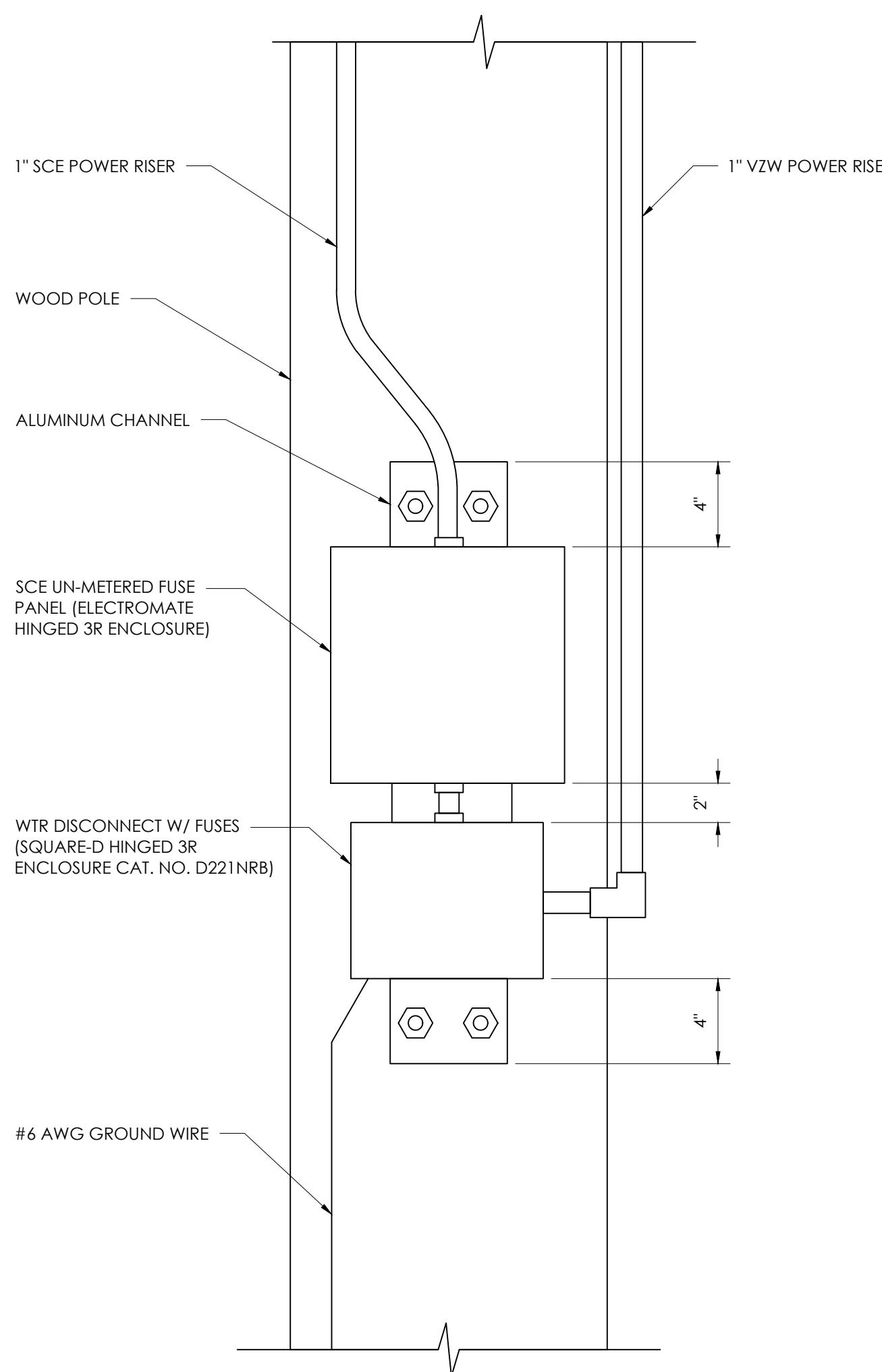
NOT USED

2 NOT USED

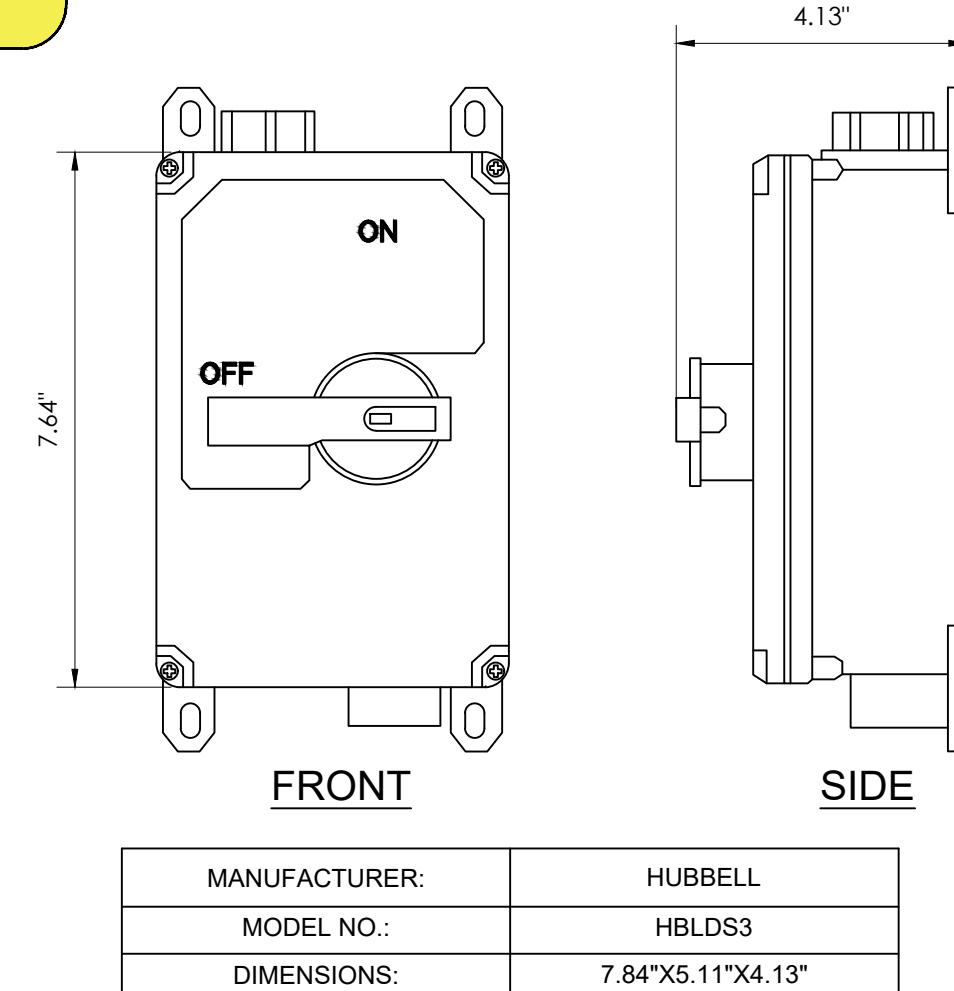
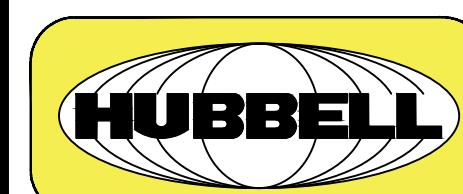
5 AC LOAD CENTER

8

NOTE: ALUMINUM CHANNEL TO BE MOUNTED TO POLE W/ HUBBELL BRACKET CAT. NO. C6-CSO AT TOP AND BOTTOM.



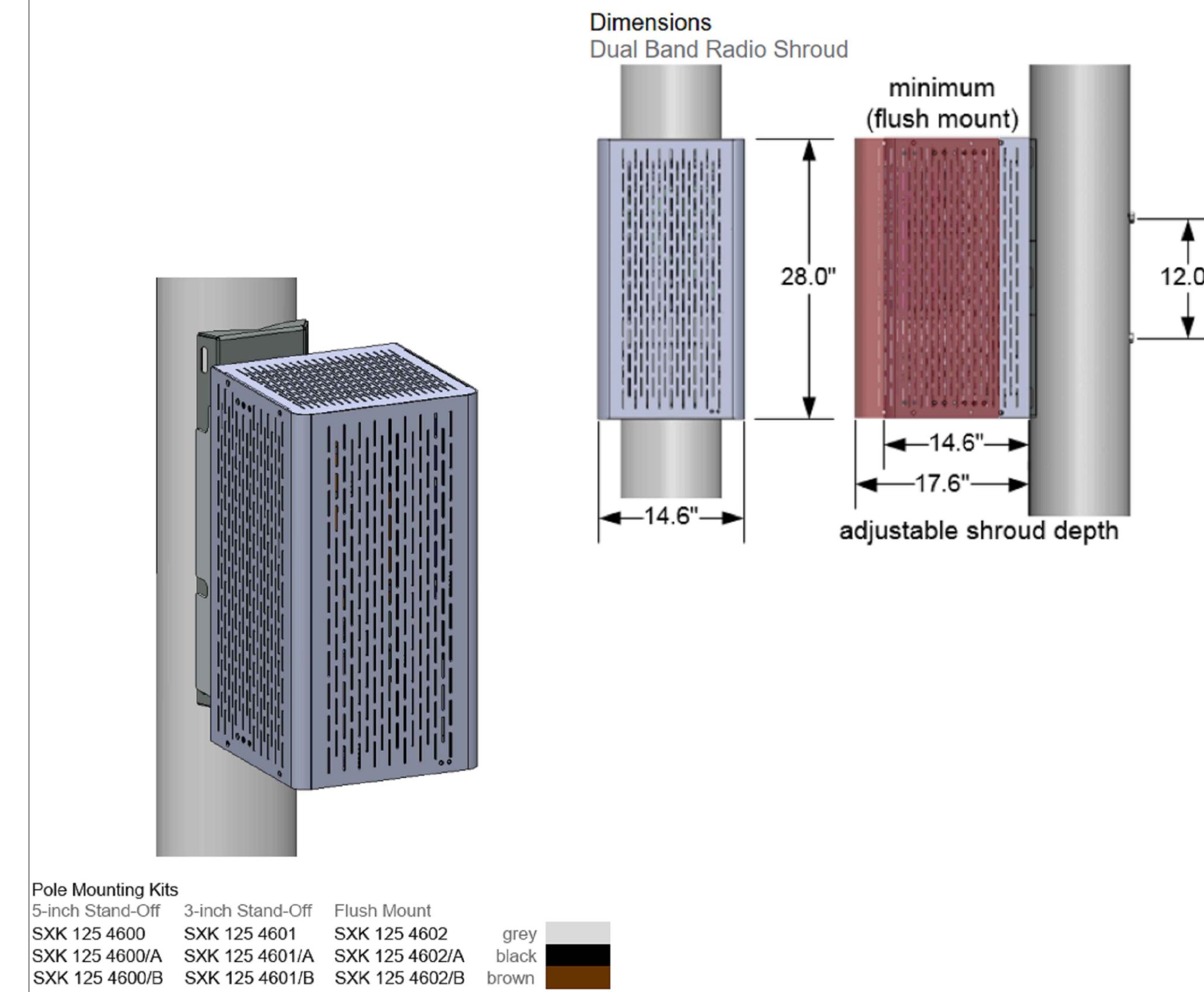
SCE WTR U/G FUSE BOX



MANUFACTURER:	HUBBELL
MODEL NO.:	HBLDS3
DIMENSIONS:	7.84"X5.11"X4.13"

DISCONNECT SWITCH

DUAL BAND RADIO SHROUD



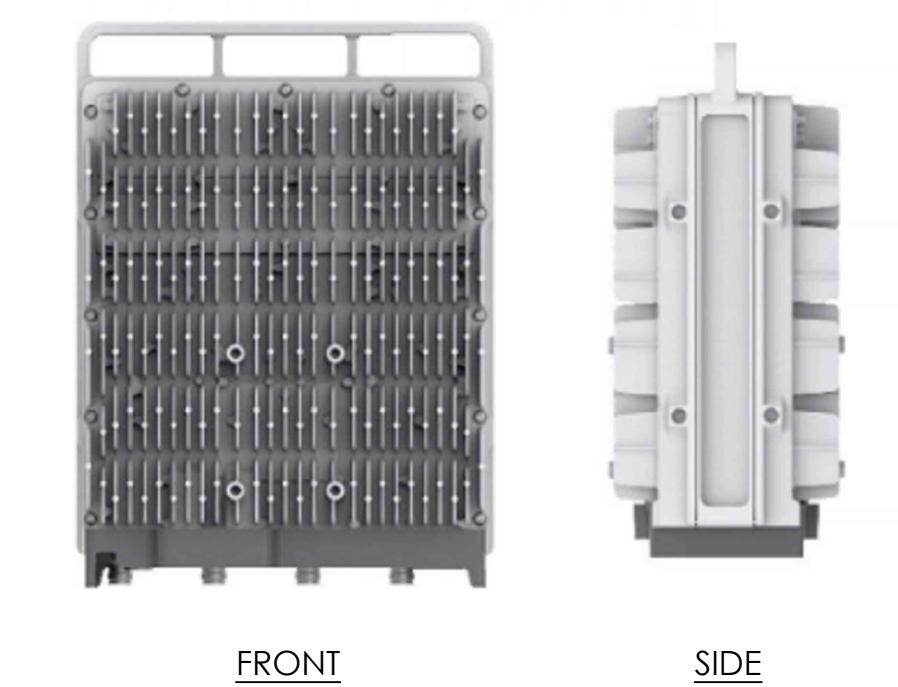
Pole Mounting Kits	5-inch Stand-Off	3-inch Stand-Off	Flush Mount
SXK 125 4600	SXK 125 4601	SXK 125 4602	grey
SXK 125 4600/A	SXK 125 4601/A	SXK 125 4602/A	black
SXK 125 4600/B	SXK 125 4601/B	SXK 125 4602/B	brown

TECHNICAL SPECIFICATIONS

PRODUCT NAME	PRODUCT NUMBER	WEIGHT
Dual Band Radio Shroud (Base Shroud Kit)		
Add-On Bracket Kit		
Pole Mounting Kit with 5-inch Stand-Off Arms		
Pole Mounting Kit with 3-inch Stand-Off Arms		
Pole Mounting Kit, Flush Mount		
MOUNTING OPTIONS	SIZE	
Anchor Bands (around metal or wooden poles)	up to 1-1/2" wide	
Machine Bolts (through wooden utility poles)	up to 1/2" diameter	
Mounting Arms (short)	flush mounted with pole (no PSU)	
Mounting Arms (medium)	3" offset from pole	
Mounting Arms (long)	5" offset from pole	
Top & Bottom Covers (CAUTION: to avoid overheating, do not use with Radio 4449/8843)	14.6" x 14.6" fastened to shroud	
MECHANICAL SPECIFICATIONS	MATERIAL	
Shroud	0.13" Welded Aluminum Alloy 5052-H32	
Pole Mounting Bracket	10 gauge Hot Rolled Steel FZV	
Fasteners	316 Stainless Steel	
Ground Bus Bar (2-hole lugs, 10 positions)	0.19" thick Copper with Stainless Steel KEPS nuts	
CONCEALMENT OPTIONS	MAX QUANTITY	
Dual Band Radio 4449	1	
Dual Band Radio 8843	1	
1x ERS Macro Radio (Width ≤ 13.5")	1 (front-facing on 180mm Rail)	
2x Radio 2212	2 (bookshelf mounted)	
6x Radio 220x on 3x Dual Support Units	6 (3x Dual Support Units bookshelf mounted on 300mm Rail)	
2x Radio 2217 + 1x Radio 220x + Power 6302	24+1+1 (requires Add-On Bracket Kit SXK 125 4550)	
PSU AC 08 Rectifier Unit	2 (mounted behind shroud back plate)	
RF Twin Diplexer with 4.3-10 connectors	2 (stacked on mounting bracket)	
Fiber Distribution Box max 9" x 7" x 2" (230x180x50mm)	1 (holes drilled through mounting bracket)	
PERFORMANCE	TEST	
Maximum Equipped Weight	800 lbs. (363 kg)	
Maximum Wind Speed	150 mph (240 km/h, 67 m/s)	
Earthquake Resistance	Zone 4	
Maximum Ambient Temperature	46°C (115°F)	
REGULATORY COMPLIANCE	STANDARD	
Telcordia	GR-487-CORE i5 (Class 4 Environment)	
European Union	RoHS Directive 2011/65/EU	

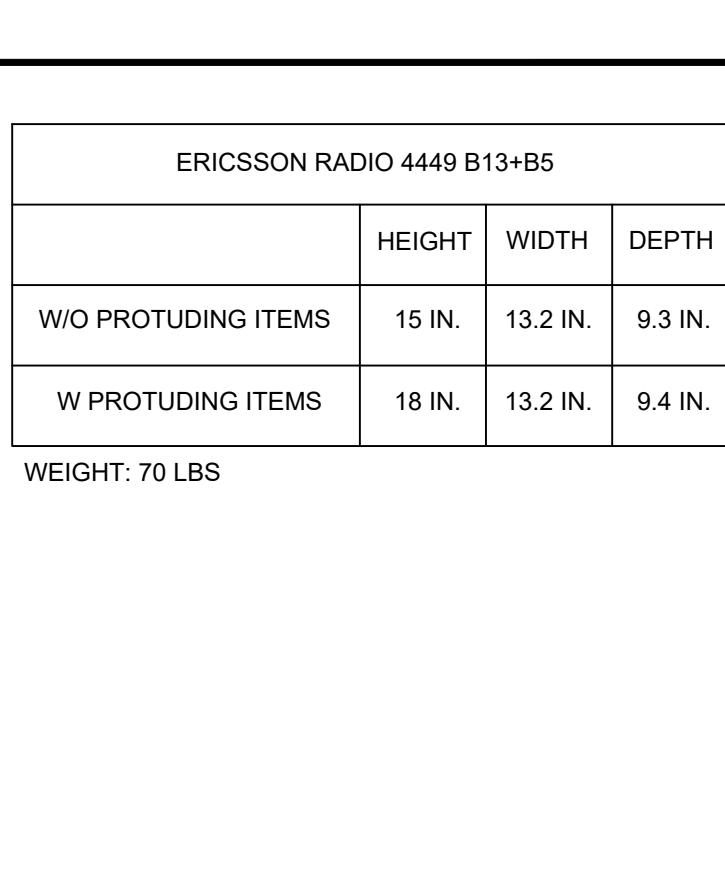
DISCONNECT SWITCH

RADIO SHROUD DETAIL



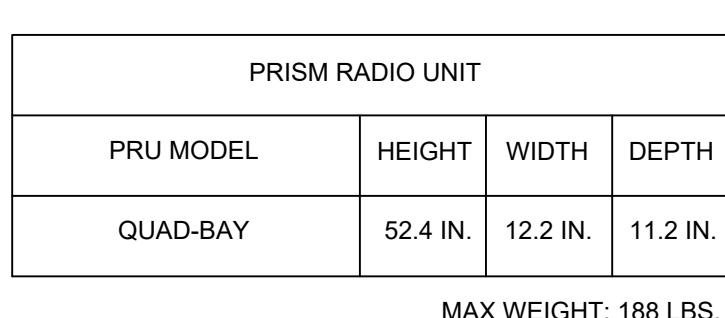
ERICSSON RADIO 8843 B2+B66A			
	HEIGHT	WIDTH	DEPTH
W/O PROTUDING ITEMS	15 IN.	13.2 IN.	11.1 IN.
W PROTUDING ITEMS	18 IN.	13.2 IN.	11.3 IN.

WEIGHT: 75 LBS



ERICSSON RADIO 4449 B13+B5			
	HEIGHT	WIDTH	DEPTH
W/O PROTUDING ITEMS	15 IN.	13.2 IN.	9.3 IN.
W PROTUDING ITEMS	18 IN.	13.2 IN.	9.4 IN.

WEIGHT: 70 LBS



PRISM RADIO UNIT			
PRU MODEL	HEIGHT	WIDTH	DEPTH
QUAD-BAY	52.4 IN.	12.2 IN.	11.2 IN.

MAX WEIGHT: 188 LBS.

verizon
15505 SAND CANYON AVE.
BLDG. D 1ST FLOOR
IRVINE, CA 92618

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JS INFRASTRUCTURE PARTNERS
2030 MAIN STREET, SUITE 200
IRVINE, CA 92614

SITE NAME:
ROLLING HILLS MC G3
POLE# 4842621E
SITE ADDRESS:
1/4 MILE NE OF 27301 HAWTHORNE BLVD
ROLLING HILLS ESTATES, CA 90274

D	01/19/2021	90% CD (FINAL POWER)	PS
C	11/11/2020	90% CD	JO
B	10/27/2020	90% CD	JO
A	10/26/2020	90% CD	JO
REV	DATE	DESCRIPTION	



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SHEET TITLE
DETAILS

SHEET NUMBER
D2

NOTE: MAXIMUM SOUND LEVEL FOR PRISM UNIT HIGHLIGHTED IN THE ABOVE TABLE.

Condition	Fan Speed	Measured Sound Pressure Level @ 5'			
		SPL (ref. 20μPa) dB A-weighted			
		Front	Left	Back	Right
Muffler Shroud	Low	48	46	47	47
Muffler Shroud	Medium	52	51	52	51
Muffler Shroud	High	59	57	58	58
Standard Shroud	Low	50	49	52	50
Standard Shroud	Medium	54	54	56	54
Standard Shroud	High	61	60	63	60



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE INCHES

TOLERANCES:

FRACTIONAL \pm ANGULAR: MACH \pm BEND \pm TWO PLACE DECIMAL $\pm .010$ THREE PLACE DECIMAL $\pm .005$

MATERIAL:

FINISH:

PROPRIETARY AND CONFIDENTIAL

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APPROVALS & DATES

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET

SITE NUMBER

SITE NAME

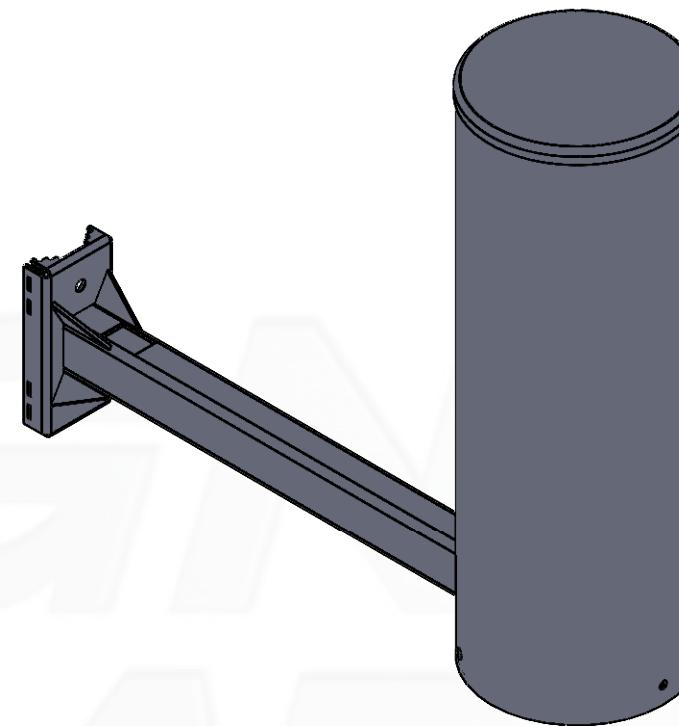
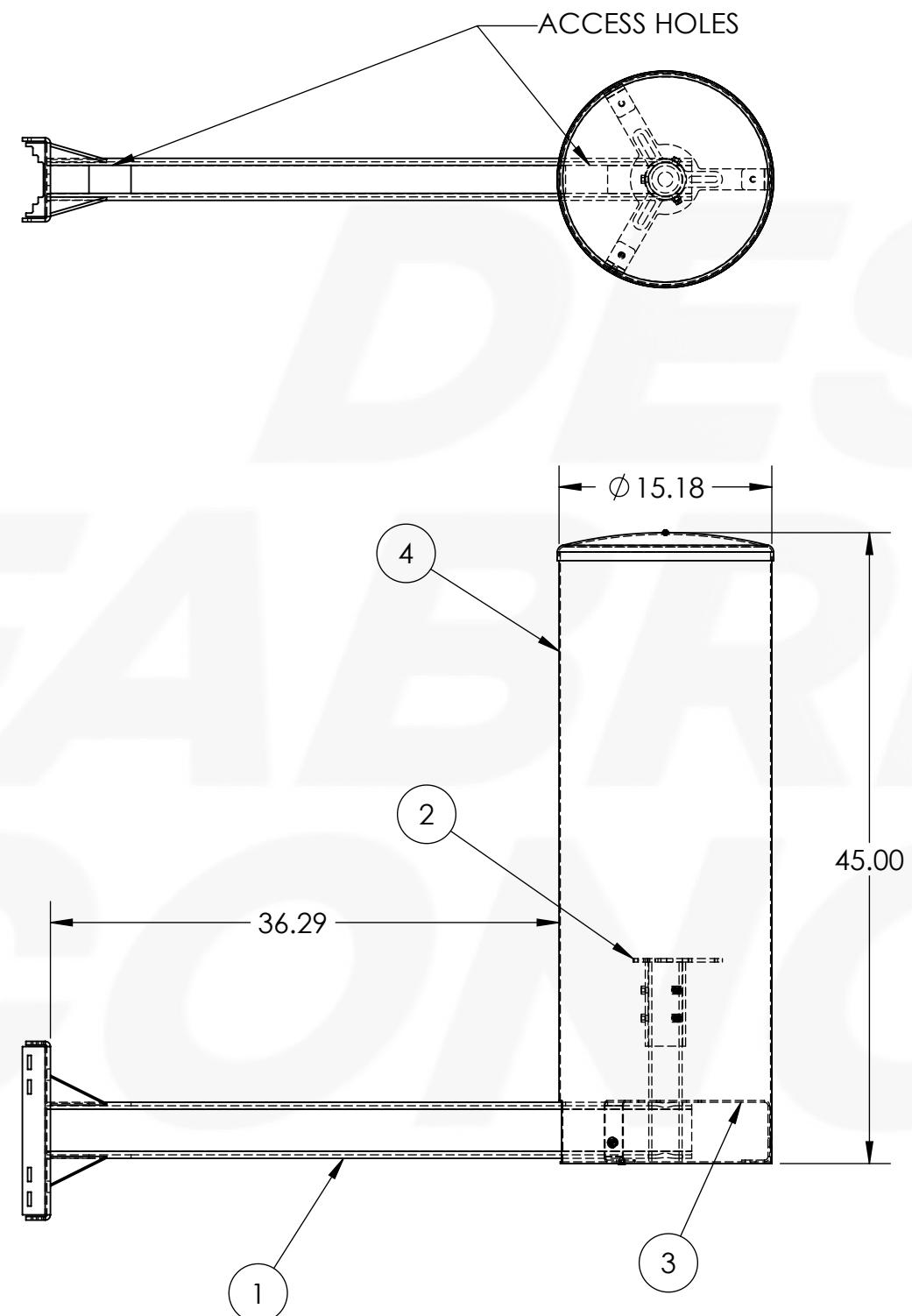
PRODUCT ID

SIDE ARM POLE MOUNT DETAILS rev B

REV A

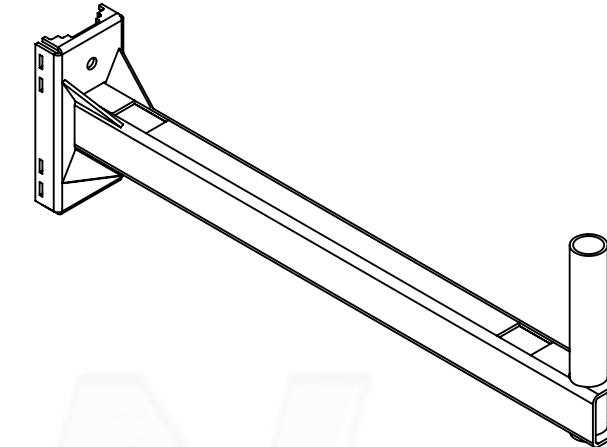
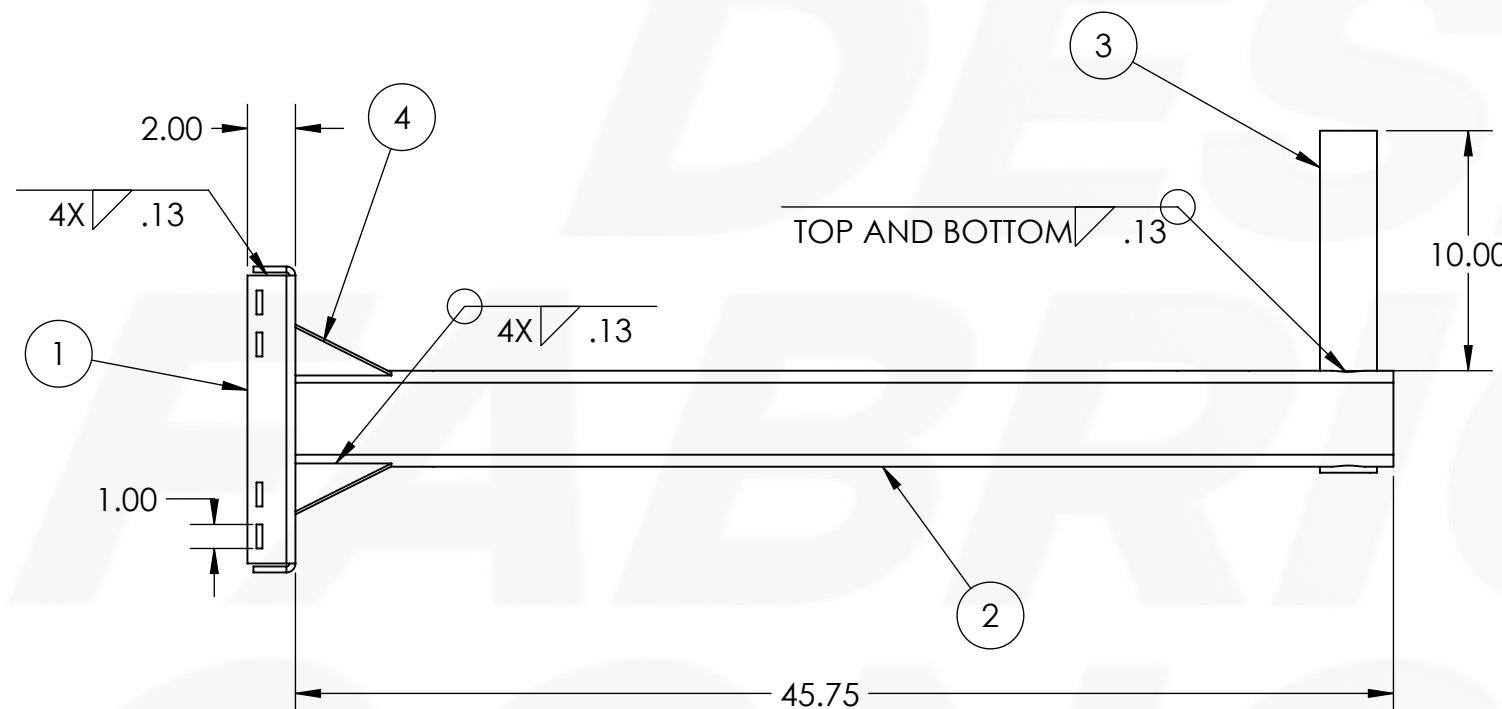
PRODUCT DESCRIPTION

SHEET 1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SIDE ARM POLE MOUNT	STEEL, SEE SHEET 2	1
2	ANTENNA SLEEVE	STEEL, SEE SHEET 3	1
3	RADOME ATTACHMENT	STEEL, SEE SHEET 3	1
4	15ID RADOME ASSEM	ABS PLASTIC, .080" THICK	1

SIDE ARM POLE MOUNT:



STAMP

DFC
DFConceal

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE INCHES
TOLERANCES:
FRACTIONAL \pm
ANGULAR: MACH \pm
BEND \pm
TWO PLACE DECIMAL $\pm .010$
THREE PLACE DECIMAL $\pm .005$

MATERIAL:
FINISH:

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APPROVALS & DATES

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SITE NUMBER

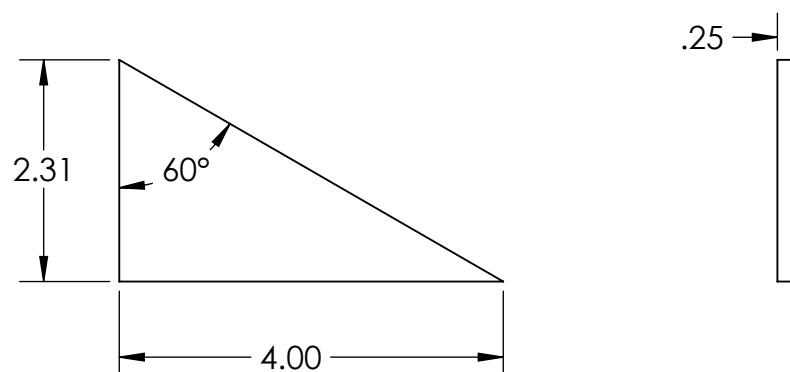
SITE NAME

PRODUCT ID #
SIDE ARM POLE MOUNT DETAILS rev B

REV A

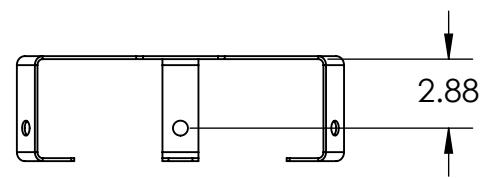
PRODUCT DESCRIPTION

GUSSET:

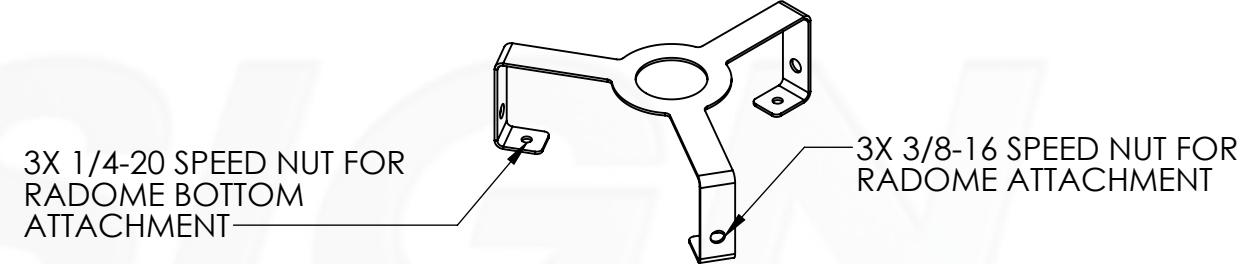
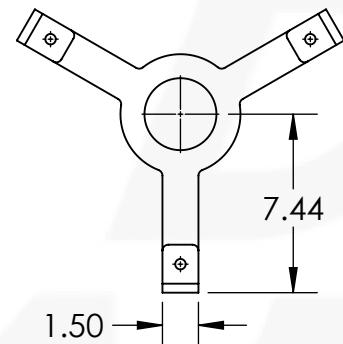


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CHANNEL	A36 HOT ROLLED STEEL, .250" THICK	1
2	TUBE ARM	A500 STEEL TUBE 3"X4"X.188"	1
3	2" PIPE	SCHEDULE 40 STEEL PIPE 2" NOMINAL	1
4	GUSSET	A36 HOT ROLLED STEEL, .250" THICK	4

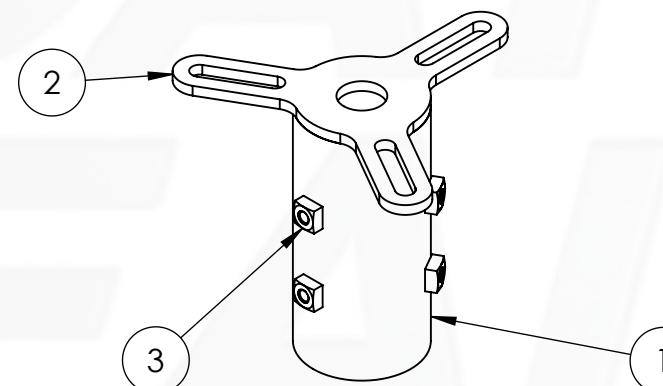
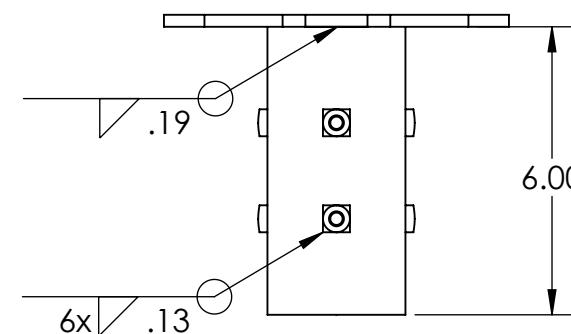
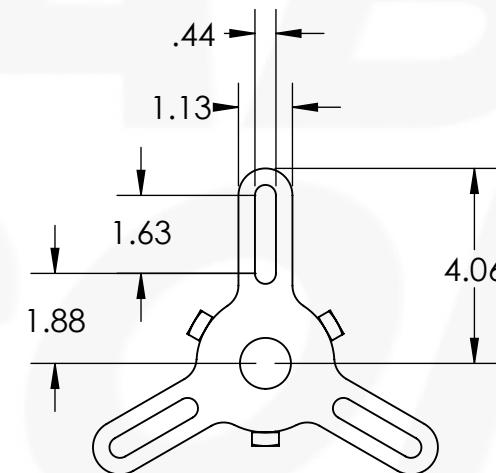
RADOME ATTACHMENT:



MATERIAL: A36 HOT ROLLED STEEL, .125" THICK



ANTENNA SLEEVE:



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	PIPE SLEEVE	SCHEDULE 40 STEEL PIPE 2.5" NOMINAL	1
2	ANTENNA MOUNT PLATE	A36 HOT ROLLED STEEL, .250" THICK	1
3	SQNUT 0.3125-18-S-N		6

STAMP

DFC
DFConceal

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE INCHES

TOLERANCES:

FRACTIONAL \pm

ANGULAR: MACH \pm

BEND \pm

TWO PLACE DECIMAL $\pm .010$

THREE PLACE DECIMAL $\pm .005$

MATERIAL:

FINISH:

PROPRIETARY AND CONFIDENTIAL

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APPROVALS & DATES

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET

SITE NUMBER

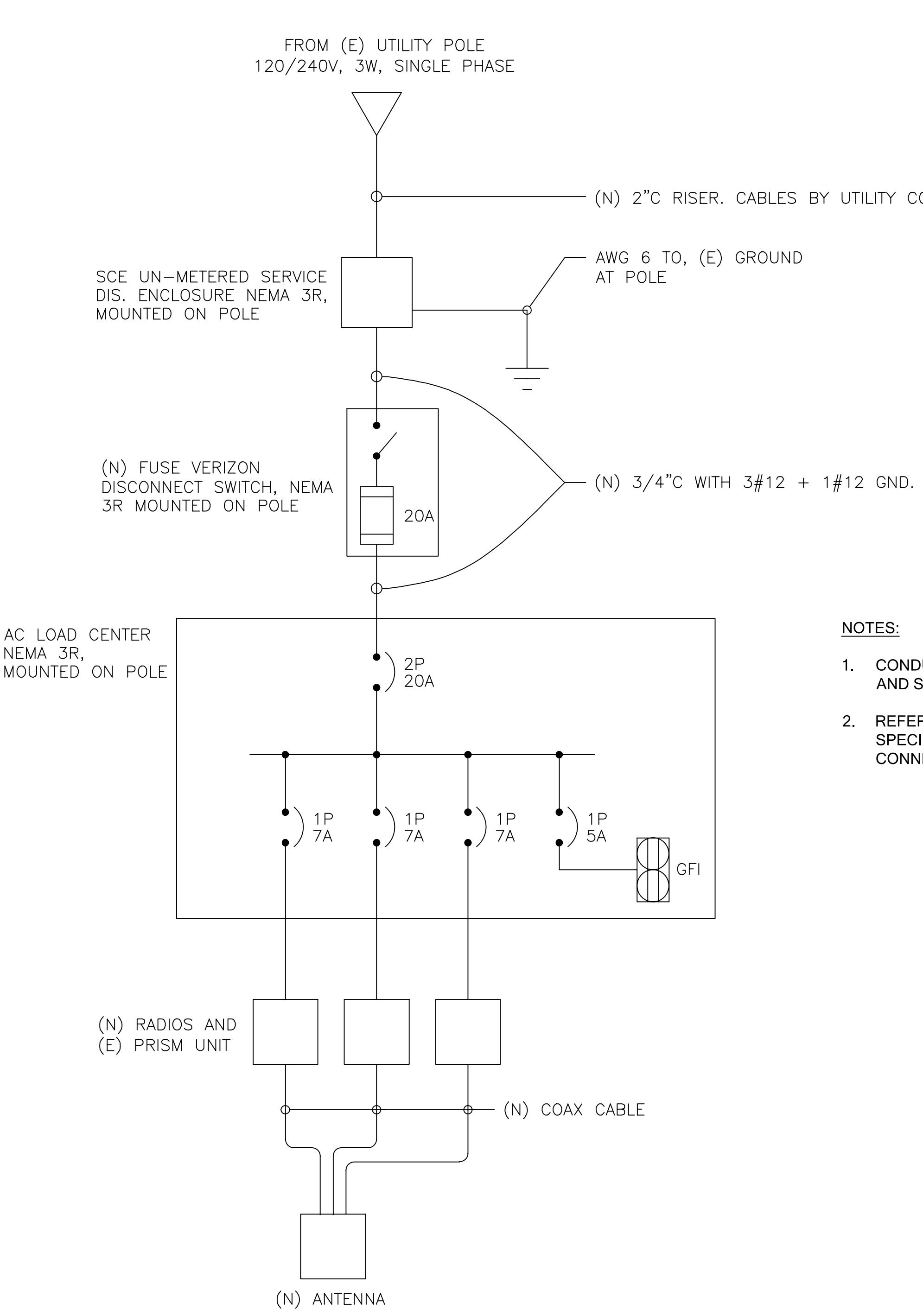
SITE NAME

PRODUCT ID #

SIDE ARM POLE MOUNT DETAILS rev B

REV A

PRODUCT DESCRIPTION



SINGLE LINE

N.T.S. 1

VOLTAGE: 240/120V PHASE & WIRE: 1PH / 3W + G MAIN: 20A BUS: 20A												NEMA 3R											
VOLT AMPS		DESCRIPTION	POLE	BKR	CKT	A	B	CKT	BKR	POLE	DESCRIPTION	VOLT AMPS											
PHASE A	PHASE B											PHASE A	PHASE B										
496.8	-	RRU	1	7	1			2	5	1	GFI	180	-										
-	496.8	RRU	1	7	3			4	-	-	SPACE	-	-										
152	-	PRISM UNIT	1	7	5			6	-	-	SPACE	-	-										
648.8	496.8	VA/LINE						180		-													
PHASE A = 828.8												PHASE B = 496.8											
CONNECTED LOAD = 1325.6 VA DESIGN AMP. = 5.5A																							

NOT USED

N.T.S. 2

ELECTRICAL NOTES

N.T.S. 3

1. ALL ELECTRICAL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE CALIFORNIA ELECTRICAL CODE, AS WELL AS WITH ALL LOCAL, STATE, AND NATIONAL CODES, LAWS, AND ORDINANCES APPLICABLE TO ELECTRICAL WORK.
2. THE ELECTRICAL CONTRACTOR SHALL VISIT THE JOBSITE AND VERIFY EXISTING CONDITIONS BEFORE BIDDING AND SHALL INCLUDE IN HIS/HER BID, THE NECESSARY COSTS TO CONSTRUCT THIS PROJECT IN ACCORDANCE WITH THE INTENT OF THE ELECTRICAL DRAWINGS, SPECIFICATIONS, AND ALL APPLICABLE CODES.
3. ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED. ALL EQUIPMENT SHALL BE LABELED WITH THEIR VOLTAGE RATING, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING, AND BRANCH CIRCUIT ID NUMBERS (I.E., PANELBOARD AND CIRCUIT ID'S).
4. ALL WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER, AND SHALL PRESENT A NEAT MECHANICAL APPEARANCE WHEN COMPLETED.
5. EACH END OF EVERY POWER, GROUNDING, CONTROL AND ALARM CONDUCTOR AND CABLE SHALL BE LABELED OR IDENTIFIED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC & OSHA, AND MATCH EXISTING INSTALLATION REQUIREMENTS.
6. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITER'S LABORATORIES.
7. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING RELATED TO ELECTRICAL WORK, UNLESS OTHERWISE NOTED AND COORDINATED WITH THE GENERAL CONTRACTOR.
8. POWER AND EQUIPMENT GROUND WIRING SHALL BE 12 AWG OR LARGER, 600 V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90 °C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
9. CONTROL AND ALARM WIRING SHALL BE COPPER, 300V OR 600V LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
10. UPON COMPLETION OF THE ELECTRICAL WORK, THE INSTALLATION SHALL BE FREE FROM GROUNDS AND SHORT CIRCUITS.
11. ELECTRICAL CONTRACTOR SHALL FURNISH AS-BUILT DRAWINGS TO THE ARCHITECT/ENGINEER UPON COMPLETION OF THE JOB.
12. ALL POWER AND EQUIPMENT GROUND WIRE CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS OR WIRENUTS. LUGS AND WIRENUTS SHALL BE RATED FOR OPERATION AT NO LESS THAN 75°C (90°C IF AVAILABLE).
13. CABLES SHALL NOT BE ROUTED THROUGH LADDER-STYLE CABLE TRAY RUNGS.
14. ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
15. THE NOTE, SPECIFICATION OR CODE WHICH PRESCRIBES AND ESTABLISHES THE HIGHEST STANDARD OF PERFORMANCE SHALL PREVAIL IN THE EVENT OF ANY CONFLICT OR INCONSISTENCY BETWEEN ITEMS SHOWN ON THE PLANS AND/OR SPECIFICATIONS.
16. ELECTRICAL METALLIC TUBING (EMT), ELECTRICAL NONMETALLIC TUBING (ENT), OR RIGID NONMETALLIC CONDUIT (RIGID PVC, SCHEDULE 40) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
17. PENETRATIONS OF ALL WALLS OR CEILINGS SHALL BE SEALED AND FIRE RATING MAINTAINED IN ACCORDANCE WITH ALL LOCAL AND NATIONAL CODES.
18. SCHEDULE 80 PVC CONDUIT SHALL BE USED FOR OUTDOOR LOCATIONS ABOVE GRADE.
19. RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40 OR RIGID PVC SCHEDULE 80) SHALL BE USED UNDERGROUND; DIRECT BURIED, IN AREAS OF OCCASIONAL LIGHT VEHICLE TRAFFIC OR ENCASED IN REINFORCED CONCRETE IN AREAS OF HEAVY VEHICLE TRAFFIC.
20. ALL DETAILS/SCHEMATICS SHOWN ARE IN GENERAL TERMS, AND INSTALLATION MAY VARY DUE TO SPECIFIC SITE CONDITIONS.
21. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
22. METALLIC CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE, GALVANIZED AND APPROVED FOR THE LOCATION USED. SETSCREW FITTINGS ARE NOT ACCEPTABLE. MYERSTM HUBS OR APPROVED LOCKNUTS SHALL BE FITTED AT ALL BOX CONNECTIONS TO MAINTAIN NEC.
23. CABINETS, BOXES, AND WIREWAYS SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
24. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
25. WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
26. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
27. RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE PVC OR GALVANIZED, EPOXY-COATED, OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
28. NONMETALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
29. THE SUBCONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD AGAINST LIFE AND PROPERTY.



THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO VERIZON WIRELESS. USE OR DISCLOSURE OTHER THAN AS IT RELATED TO VERIZON WIRELESS IS STRICTLY PROHIBITED

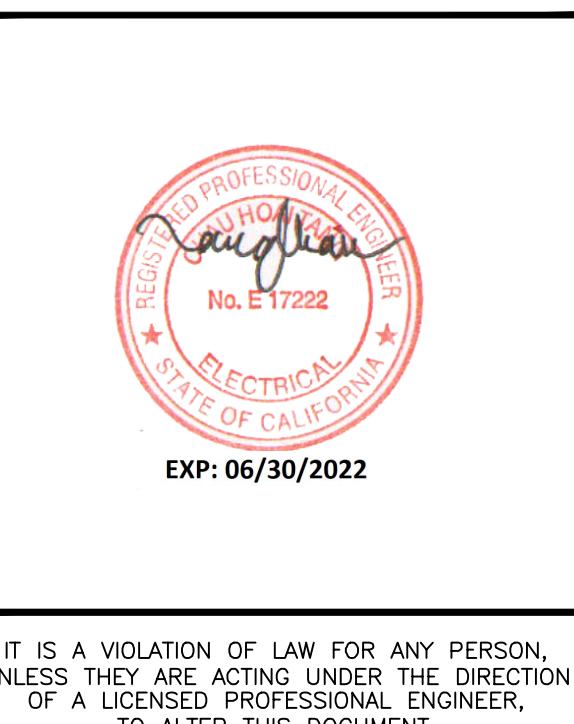


SITE NAME:
ROLLING HILLS
MC G3

POLE# 4842621E

SITE ADDRESS:
BEHIND 5031 SILVER ARROW DR ON HAWTHORNE BLVD RANCHO PALOS VERDES, CA 90275

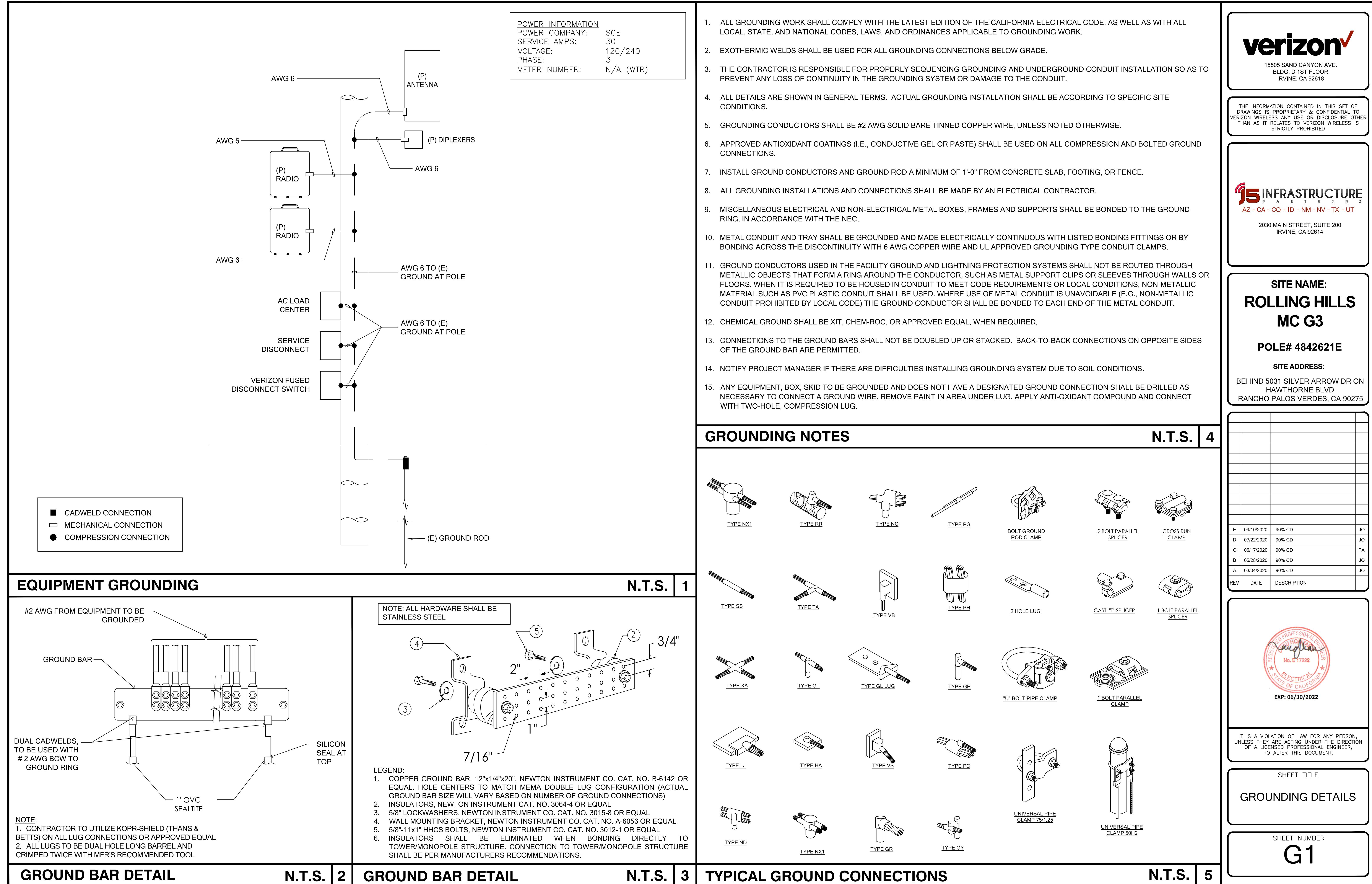
E	09/10/2020	90% CD	JO
D	07/22/2020	90% CD	JO
C	06/17/2020	90% CD	PA
B	05/28/2020	90% CD	JO
A	03/04/2020	90% CD	JO
REV	DATE	DESCRIPTION	

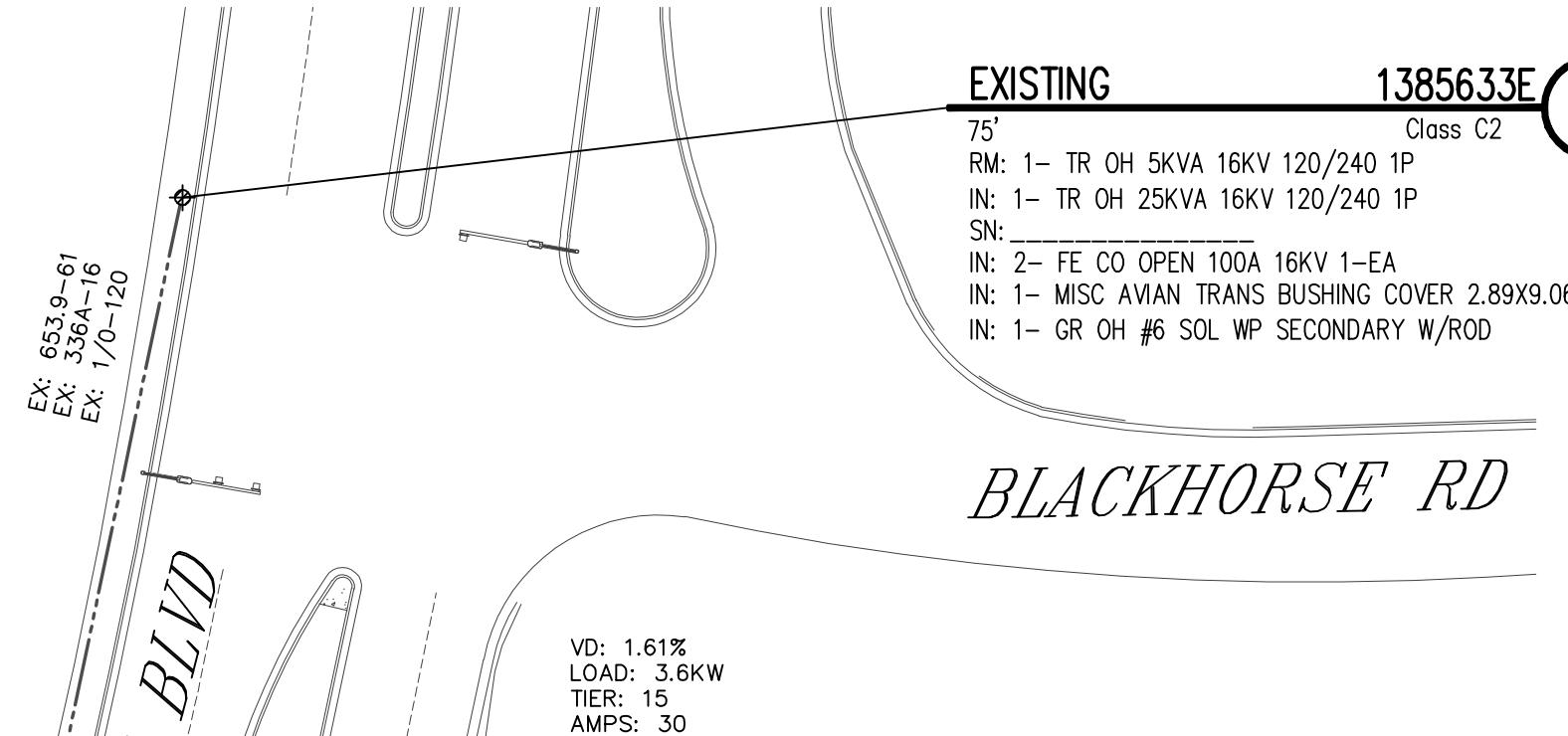
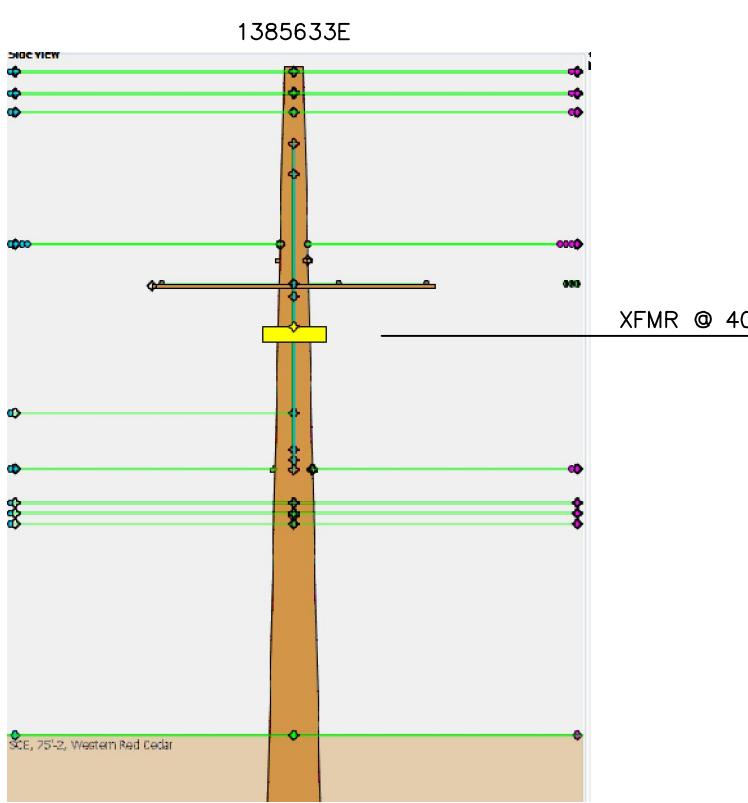


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SHEET TITLE
ELECTRICAL DETAILS

SHEET NUMBER
E1





PROJECT REQUIREMENTS (Y/N)	
EDISON EASEMENT REQUIRED	<input type="checkbox"/>
PWRD 88 REQUIRED	<input type="checkbox"/>
UG CIVIL ONLY WORK ORDER	<input type="checkbox"/>
PERMIT REQUIRED	<input checked="" type="checkbox"/>
PERMIT TYPE:	ENCROACHMENT
OUTAGE REQUIRED	<input checked="" type="checkbox"/>
OUTAGE DATE:	TIME:
TRAFFIC CONTROL REQUIRED	<input checked="" type="checkbox"/>
PED. TRAFFIC CONTROL REQ'D	<input checked="" type="checkbox"/>
CONVEYANCE LETTER REQ'D	<input type="checkbox"/>
ENVIRONMENTAL CLEARANCE REQ'D	<input type="checkbox"/>
CSD 140 (TLM) REQ'D	<input type="checkbox"/>

D124: Rev. 02/08/18

FINAL DESIGN APPROVED FOR CONSTRUCTION

EX: 1385635E POLE 75'

EXISTING 4842621E 2

50' Class C2

IN: 1- SEC 1" PVC RUN FOR NON-METERED CELLULAR

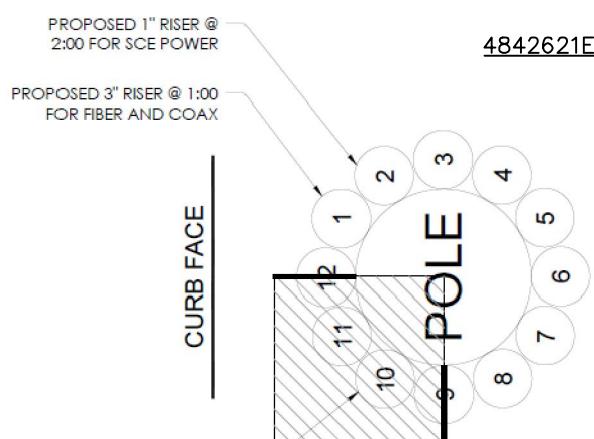
IN: 20- CBL #8 CU 1/C 600V TW WHITE IN DUCT

IN: 40- CBL #8 CU 1/C TW BLACK IN DUCT

T.L.M. DATA:				
SIZE	KVA	CUST	% LOAD	
EXIST. 5	5.9	4	118.8%	
PROP. 25	10.1	5	40.4 %	
VOLTAGE DROP: 1.61%				
FLICKER FACTOR: N/A				
PRI. CIRCUIT: QUICKSILVER 16KV				



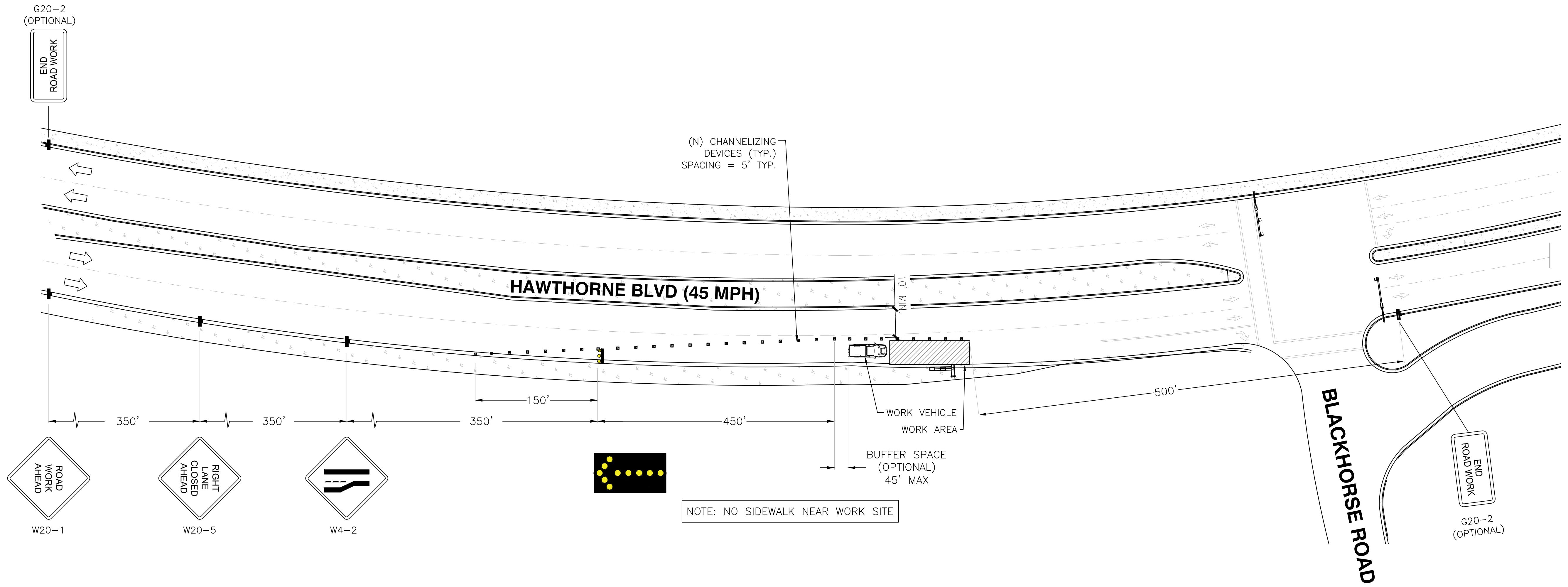
SCALE: 1" = 40'
0 40 80



CUSTOMER NOTES:
ENERGIZED UNTIL VERIZON REQUESTS
FORMAL REMOVAL THROUGH LOCAL
PLANNING AFTER NEW FUSE BOX IS
INSTALLED

SCE Inspection
Contact SCE 48 Hours in advance
for a Pre-Construction meeting
and/or Inspection.
Email: NDPFCS@SCE.COM

DISTRICT 44 - SOUTH BAY		PROJ. MGR. DAVID LAW PHONE		PLANNER ERIC YOON PHONE 6226-308-6165	DESIGNER ERIC YOON
PROJECT NO.	SERVICE REQUEST	MSR NO.	PRODUCT-1 1759315-NEW METER & SERVICE	ASSOC DESGN 1324430	
CIRCUIT / VOLTAGE QUICKSILVER 16KV		THOMAS GUIDE	PRODUCT-2	ASSOC DESGN	
SUB / PG NO. CREST SUB		CIRCUIT CODE	PRODUCT-3	ASSOC DESGN	
INVENTORY MAP 31-64D		J.P.A. NO.		PROPOSED CONSTRUCTION (LOCATION)	
				VERIZON ROLLING HILLS MC G3	
				LOT R/O 5031 SILVER ARROW DR	
				RANCHO PALOS VERDES, CA 90275	
F					
				ERIC YOON	46165
TYPE	DATE	APPROVED BY	CHECKED BY	DRAWN BY	PAX #
Southern California Edison Company					
SHEET	1	OF	1	DESIGN\DRWG NO.	1324430_0.01



General Notes:

1. All traffic control devices shall conform to the latest edition of the California Manual on Uniform Traffic Control Devices.
2. It is the responsibility of the Contractor performing work to install and maintain the traffic control devices as shown herein, as well as any such additional traffic control devices as may be required to ensure the safe movement of vehicular and pedestrian traffic through or around the closure area and provide the maximum protection and safety to workers.
3. All traffic control devices shall be kept in their proper position at all times and shall be repaired, replaced or cleaned as necessary to preserve their appearance and continuity.
4. Any revisions to the drawings shall be approved in writing by the City of Rancho Palos Verdes Public Works Department Director, or his authorized representative.
5. The City of Rancho Palos Verdes Public Works Department reserves the right to observe the traffic control operations and to make any necessary changes. Any directed changes shall supersede these plans and shall be implemented at the sole expense of the Contractor.
6. The Contractor shall remove temporary delineation, signage, and other devices when no longer required and shall restore areas to original conditions.
7. The Contractor shall cover existing signs where they conflict with construction detours and signing.
8. Working hours shall be from 9am to 3pm, Monday through Friday, unless otherwise approved by the City. Work is not permitted on weekends or City holidays without prior written consent from the City.
9. The Contractor shall notify the City of Rancho Palos Verdes Public Works Department 48 hours in advance of beginning work at 310-544-5252.
10. Implementation of traffic control shall be performed by a professional temporary traffic control company and flagger control shall be conducted in accordance with the latest edition of the California Manual on Uniform Traffic Control Devices.
11. Temporary No Parking signs shall be installed by the Contractor at least 72 hours in advance of traffic control implementation. Temporary No Parking signs shall be made of weather resistant material and shall be posted so that there is a minimum distance of 3' between the bottom of the sign and the ground surface.
12. The Contractor shall provide for access to all adjacent properties during work hours. Construction operations shall be conducted in such a manner as to cause as little inconvenience as possible to abutting property owners/operators.
13. The Contractor shall provide for safe pedestrian access at all times.
14. The Contractor shall provide flagmen as indicated on the plan, at all times traffic control is in place, to give adequate warning to traffic or to the public of any unexpected conditions to be encountered.

15. All open excavation or construction work shall be a minimum of 5' from any operating traffic lanes.
16. The Contractor shall post uneven pavement signs, and ramp pavement vertical offset of 1 inch or more with asphalt for smooth transition.
17. All signs shall be reflectorized and standard size.
18. All flashing arrow signs shall be solar-powered.
19. All tubular delineators and cones shall be 28" minimum height, reflectorized, and maintained erect in the indicated position at all times, and shall be repaired, replaced, or cleaned as necessary to preserve their appearance and continuity.
20. The Contractor shall maintain, on a continuous basis, all signs, delineators, barricades, etc., to ensure proper flow and safety of traffic during construction.
21. The Contractor shall have all signs, delineators, barricades, etc., properly installed prior to commencing construction.
22. Remove or turn off signs during non-work hours.
23. Metropolitan Transportation Authority (MTA) and Palos Verdes Peninsula Transit Authority (PVPTA) bus stops impacted. Contractor shall notify MTA at (213) 922-4632 and PVPTA at (310) 544-7108 at least 48 hours prior to construction and must be acknowledged by MTA and PVPTA dispatch.
24. When work requires the use of steel plates, they shall be of the non-skid type, recessed to be flush with the pavement surface, pinned to be secured in place, and installed in accordance with Caltrans standards. Advance warning signs shall also be implemented for the entire duration of time the steel plates are in place.
25. Contractor shall notify the Los Angeles County Fire Department (LACFD) at least 72 hours in advance of starting work. The closest fire station to the construction site shall be contacted at the following locations:
 - a. Fire Station 53 on 6124 Palos Verdes Dr. South at (310) 377-3333
 - b. Fire Station 106 on 27413 Indian Peak Rd. at (310) 377-9523
 - c. Fire Station 83 on 83 Miraleste Plaza at (310) 831-4624 Some areas may be served by more than one fire station. It is the permit applicant's responsibility to notify LACFD when a full street closure occurs.
26. It is the applicant's responsibility to notify the following emergency services at least 72 hours in advance of starting work when a full street closure occurs:
 - a. Mc Cormick Ambulance: dperez@mccormickambulance.com & Mjones@mccormickambulance.com
 - b. Lomita Sheriff Department on 26123 Narbonne Ave., Lomita CA at (310)539-1661

TRAFFIC CONTROL PLAN

N.T.S. | 1

SHEET NUMBER
TC1

TRAFFIC CONTROL PLAN

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

DATE	DESCRIPTION
01/19/2021	90% CD (FINAL POWER)
11/11/2020	90% CD
10/27/2020	90% CD
10/26/2020	90% CD

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DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO
CON WIRELESS ANY USE OR DISCLOSURE OTHER
THAN AS IT RELATES TO VERIZON WIRELESS IS
STRICTLY PROHIBITED

5 INFRASTRUCTURE PARTNER

AZ - CA - CO - ID - NM - NV - TX - UT

2030 MAIN STREET, SUITE 200
IRVINE, CA 92614

SITE NAME: **ROLLING HILLS MC G3**

POLE# 4842621E

SITE ADDRESS: