



SITE ID: ATTLA0194M1

REAR OF: PALOS VERDES DRIVE SOUTH  
RANCHO PALOS VERDES, CA 90275



38 TECHNOLOGY DR., STE. 250,  
IRVINE, CA 92618



1387 CALLE AVANZADO  
SAN CLEMENTE CA 92673 (949) 391-6824

DRAWN BY: BM

CHECKED BY: MM

**PROJECT DESCRIPTION**

CROWN CASTLE PROPOSES A NEW WIRELESS INSTALLATION ON AN EXISTING WOOD UTILITY POLE IN THE PUBLIC RIGHT OF WAY. THE SCOPE WILL CONSIST OF THE FOLLOWING:

- \* RETROFIT (1) (E) WOOD UTILITY POLE (POLE #A5878Y) TO BE STRAIGHTENED
  - \* INSTALL (2) (N) ANDREW ANTENNAS ON (E) UTILITY POLE AND W/ REQUIRED MOUNTING ATTACHMENTS
  - \* INSTALL (1) 4'-0" X 6'-0" U/G EQUIPMENT VAULT W/ FLUSH MOUNT VENTS
  - \* INSTALL (2) (N) ANDREW IONS RADIO UNITS INSIDE (N) EQUIPMENT VAULT
  - \* INSTALL (1) (N) ELECTRICAL DISCONNECT SWITCH INSIDE (N) HANDHOLE
  - \* INSTALL (1) (N) 2'-0" X 3'-0" FIBER HANDHOLE
  - \* INSTALL (1) (N) 2'-0" X 3'-0" HANDHOLE W/ WTR FUSE BOX INSIDE
- \* EQUIPMENT AND ANTENNAS TO BE PAINTED BROWN TO MATCH (E) POLE

**PROJECT SITE INFORMATION**

NEAREST CROSS STREETS: PALOS VERDES DR  
SCHOONER DR

NEAREST ADDRESS: PALOS VERDES DRIVE SOUTH

NEAREST APN: 7572-001-905

LAT/LONG TYPE: NAD-83

LATITUDE: 33,739505 N

LONGITUDE: 118,358618 W

ZONING JURISDICTION: RANCHO PALOS VERDES

APPLICANT: CROWN CASTLE  
ADDRESS: 200 SPECTRUM CENTER DRIVE, SUITE 1800  
IRVINE, CA 92618

**PROJECT TEAM**

CLIENT REPRESENTATIVE:  
CROWN CASTLE  
200 SPECTRUM CENTER DRIVE, SUITE 1800  
IRVINE, CA 92618

ENGINEER:  
M SQUARED WIRELESS  
1387 CALLE AVANZADO  
SAN CLEMENTE, CA 92673  
CONTACT: MICHAEL MONTELLLO  
PHONE: (949) 391-6824

PROJECT MANAGER:  
CROWN CASTLE  
200 SPECTRUM CENTER DRIVE, SUITE 1800  
IRVINE, CA 92618  
CONTACT: JON COWELL  
PH: (925) 200-6857

CONSTRUCTION MANAGER:  
CROWN CASTLE  
200 SPECTRUM CENTER DRIVE, SUITE 1800  
IRVINE, CA 92618  
CONTACT: MARC CRAM  
PH: (909) 630-4738

**AREA MAPS**

**VICINITY MAP**



**LOCATION MAP**



**CONSTRUCTION DRAWING**

IF USING 11"x17" PLOT, DRAWING WILL BE HALF SCALE

**DRAWING INDEX**

SHEET	SHEET TITLE	SHEET	SHEET TITLE
T-1	TITLE SHEET	A-2	ELEVATIONS
GN-1	GENERAL NOTES	A-3	ELEVATIONS
PS-1	PHOTOSIMS	D-1	DETAILS
PS-2	PHOTOSIMS	D-2	DETAILS
PS-3	PHOTOSIMS	E-1	ELECTRICAL DETAILS
PS-4	PHOTOSIMS	G-1	GROUNDING DETAILS
LS-1	LAND SURVEY	TC-1	GENERAL NOTES
A-1	SITE PLAN / ENLARGED PLAN	TC-2	VEHICULAR TRAFFIC CONTROL PLAN

**APPLICABLE CODES**

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.

- 2016 CALIFORNIA BUILDING CODE
- GO95
- CITY/COUNTY ORDINANCES

**GENERAL NOTES**

THE FACILITY IS 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, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

DO NOT SCALE DRAWINGS.

**DIG ALERT**



**Dig Alert**

Know what's below.  
Call before you dig.

CALIFORNIA SOUTH  
Call Two Working Days Before You Dig!  
811 / 800-227-2600

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A	04/17/2018	90% CD'S FOR REVIEW



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CROWN CASTLE SITE ID:  
CROWN CASTLE NG WEST  
REAR OF: PALOS VERDES DRIVE SOUTH  
RANCHO PALOS VERDES, CA 90275  
REPLACEMENT WOOD UTILITY POLE

SHEET TITLE

**TITLE SHEET**

SHEET NUMBER

**T-1**





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SAN CLEMENTE CA 92673 (949) 391-6824

# LA0194m1

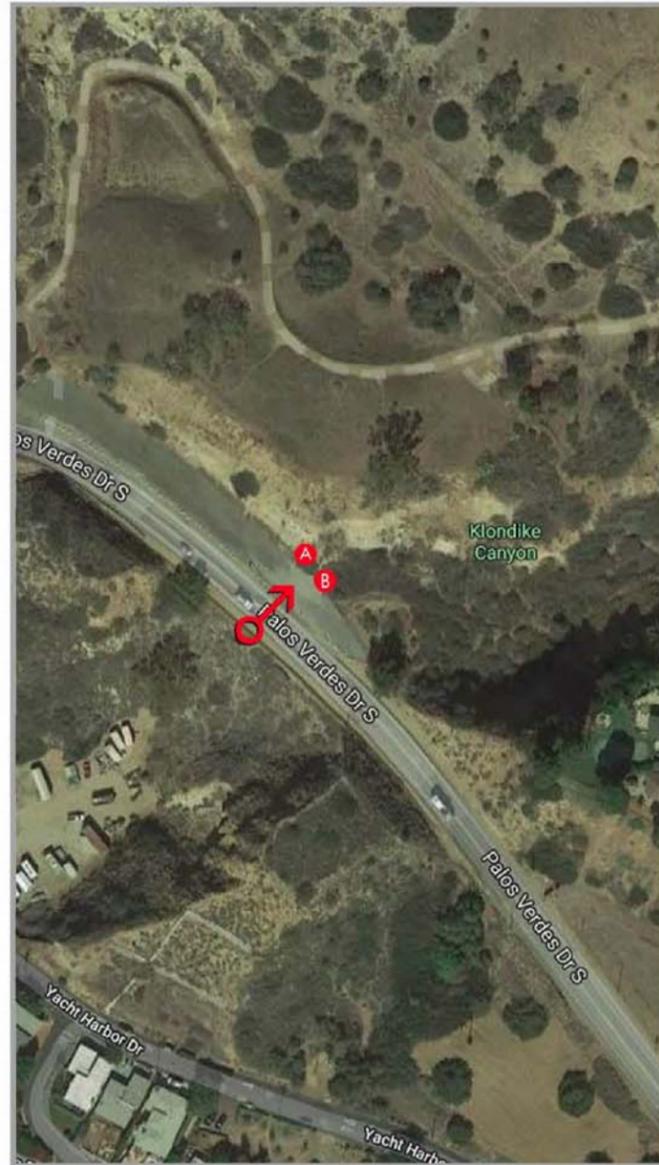
REAR OF 4545 PALOS VERDES DR RANCHO PALOS VERDES, CA 90275



38 TECHNOLOGY DR., STE. 250,  
IRVINE, CA 92618

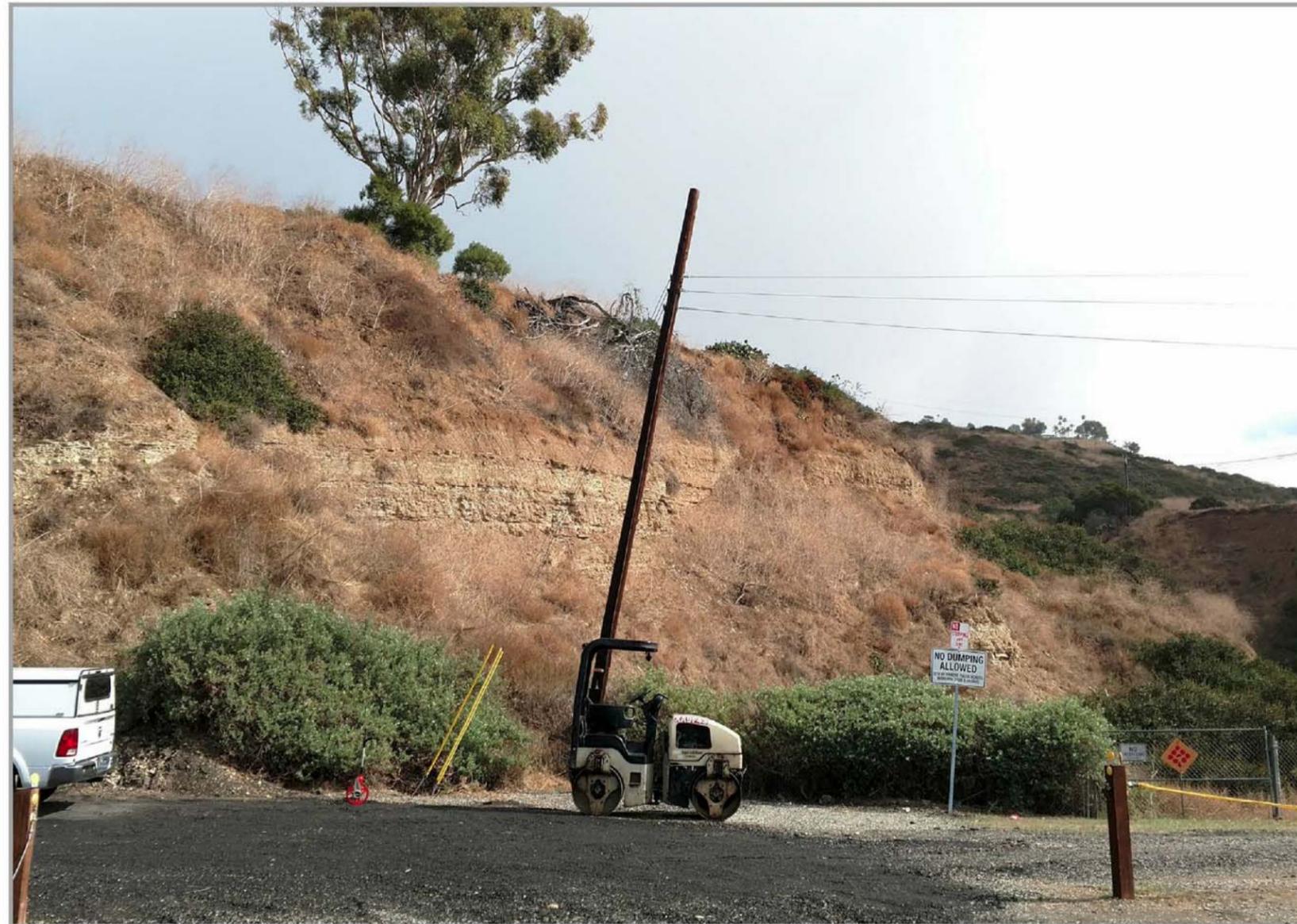


1387 CALLE AVANZADO  
SAN CLEMENTE CA 92673 (949) 391-6824



LOCATION

@2016 Google Maps



EXISTING

LOOKING NORTHEAST FROM PALOS VERDES DR

DRAWN BY: BM  
CHECKED BY: MM

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**REPLACEMENT WOOD UTILITY POLE**

SHEET TITLE  
**PHOTOSIMS**

SHEET NUMBER  
**PS-1**



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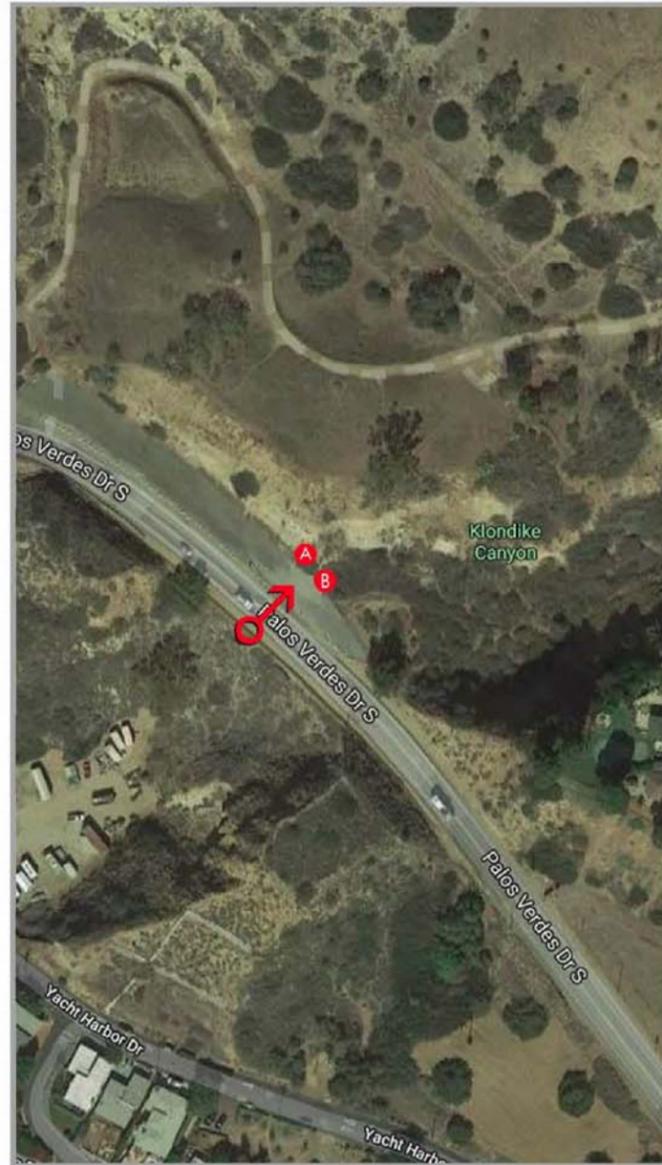
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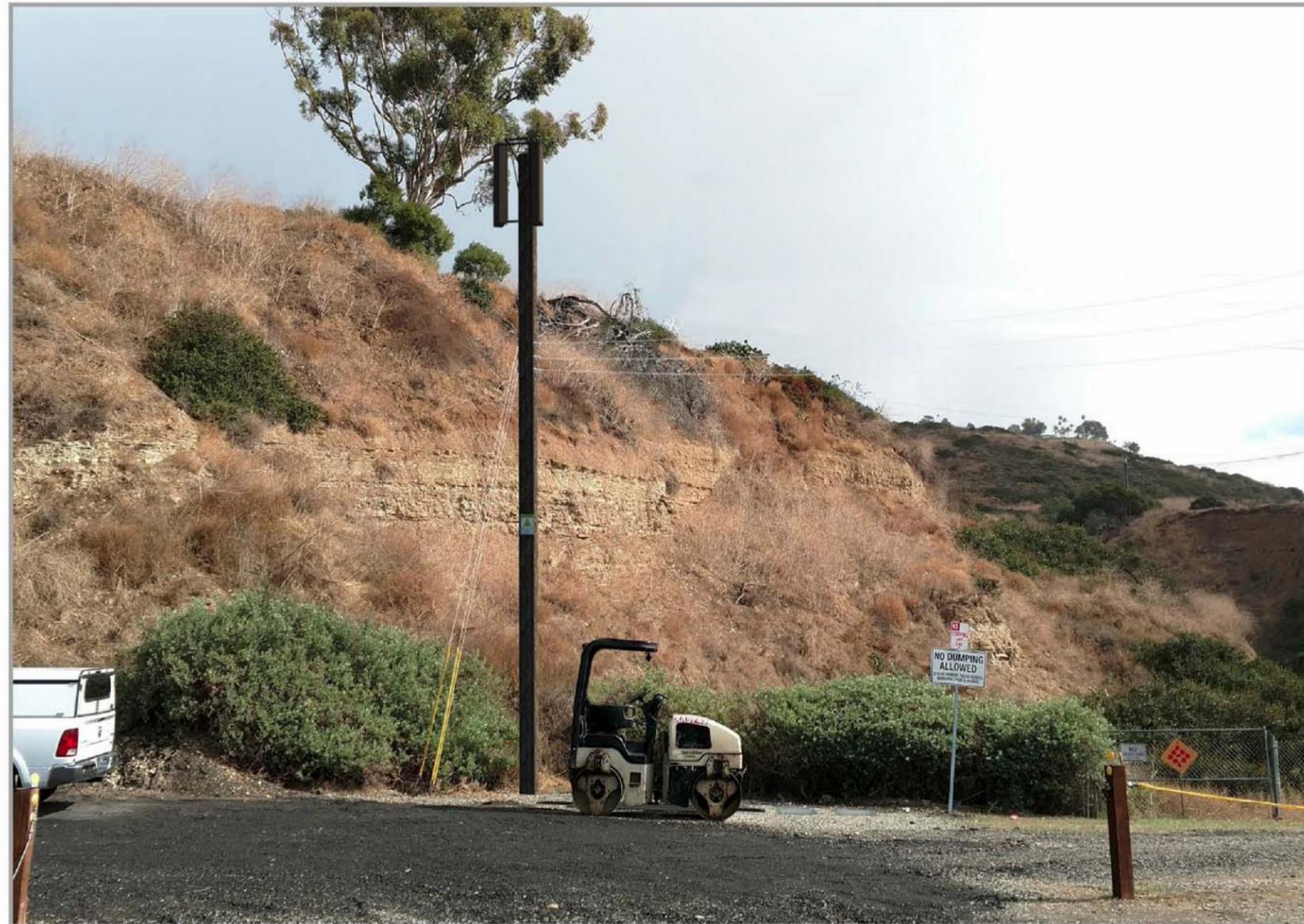


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LOCATION

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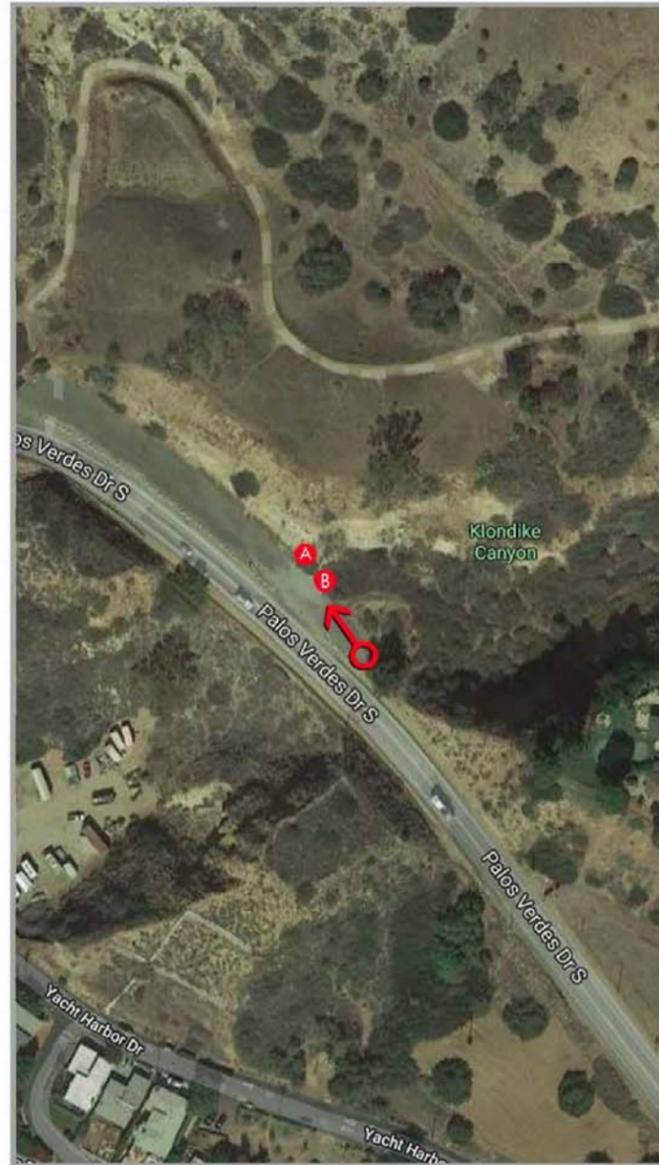
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SHEET TITLE  
PHOTOSIMS

SHEET NUMBER  
**PS-3**



LOCATION

@2016 Google Maps



EXISTING

LOOKING NORTHWEST FROM PALOS VERDES DR



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# LA0194m1

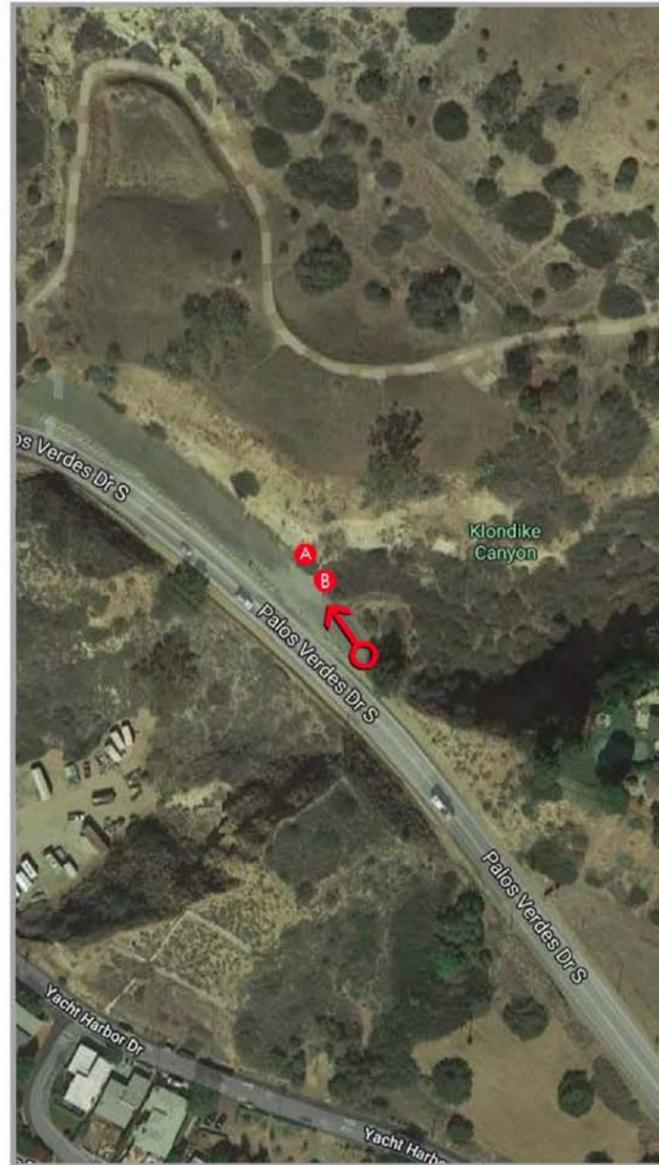
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LOCATION

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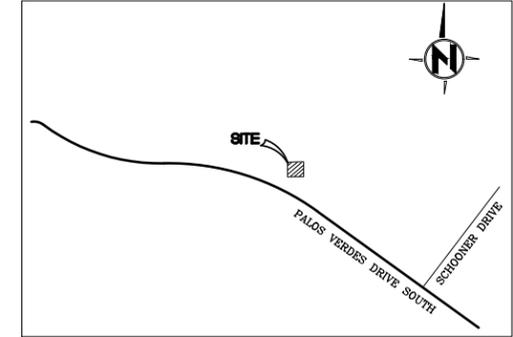
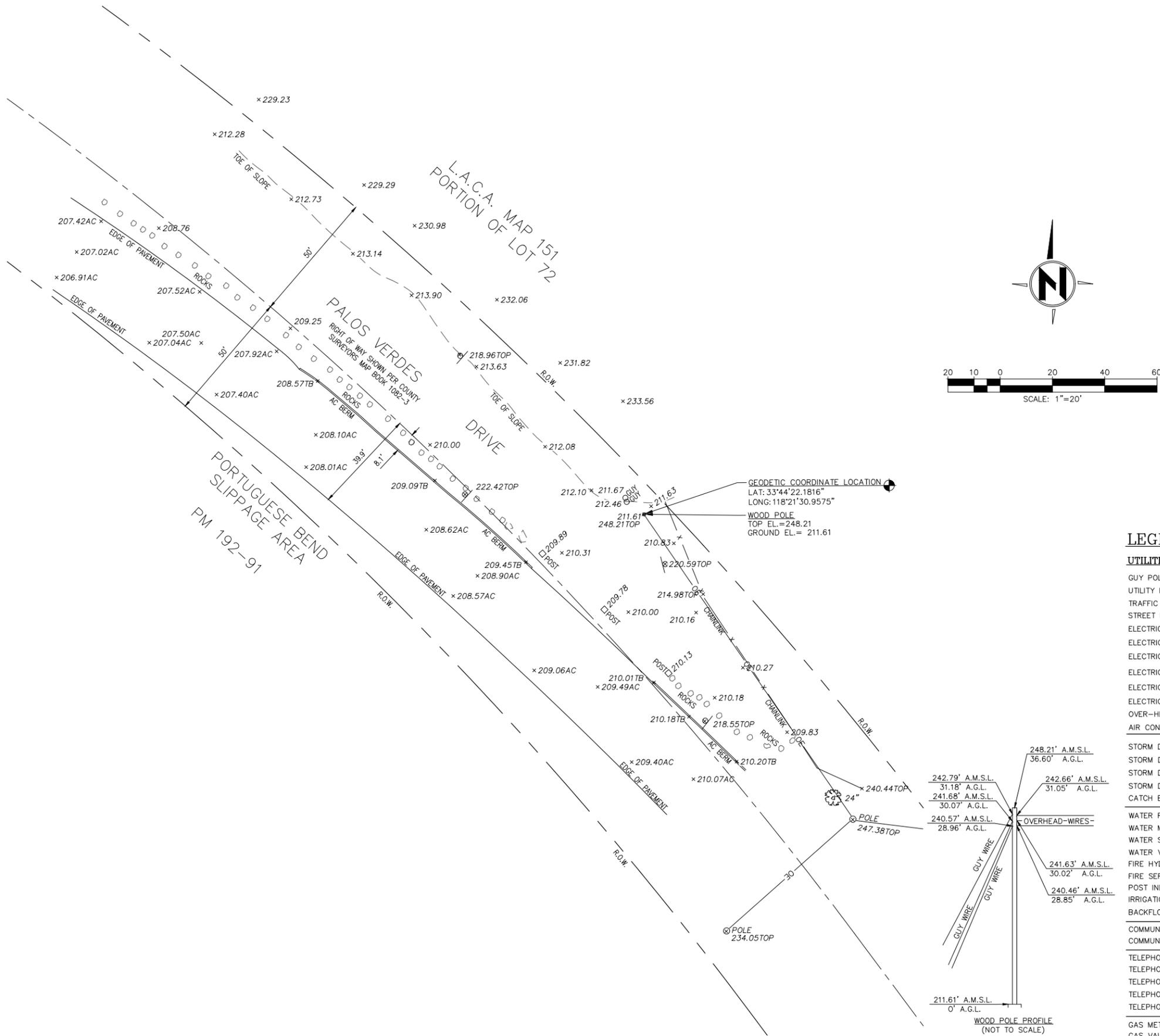
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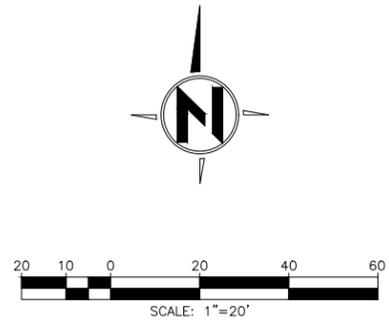
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**PHOTOSIMS**

SHEET NUMBER  
**PS-4**

LAND SURVEY



VICINITY MAP  
NO SCALE



**BASIS OF BEARINGS**

THE BASIS OF BEARINGS FOR THIS MAP IS THE CALIFORNIA COORDINATE SYSTEM (NAD83), ZONE 5, AS DETERMINED BY G.P.S. OBSERVATIONS.

**BENCH MARK**

THE ELEVATION USED FOR THIS SURVEY IS BASED ON THE HIGH PRECISION GPS SMARTNET NETWORK.

BASE STATION ELEVATION TAKEN AS 73.99 FEET (NAVD88).

**TITLE REPORT**

A TITLE REPORT WAS NOT PROVIDED TO THE UNDERSIGNED FOR REVIEW.

**DATE OF SURVEY**

THE SURVEY DATA DEPICTED HEREON WAS OBTAINED ON: SEPTEMBER 22, 2018.

**SURVEYORS CERTIFICATE**

THIS SURVEY WAS PREPARED BY ME, OR UNDER MY DIRECTION AND IS BASED ON A FIELD SURVEY.

*Casey R. Lynch*

9-25-2018

CASEY R. LYNCH, P.L.S.  
LICENSE NO. L.S. 8380

DATE

**LEGEND**

- UTILITIES**
- GUY POLE/WIRE . . . . . → GUY
  - UTILITY POLE . . . . . ○ UP
  - TRAFFIC SIGNAL . . . . . ☆ TS
  - STREET LIGHT . . . . . ☆ SL
  - ELECTRIC PULL BOX . . . . . □ EPB
  - ELECTRIC METER . . . . . □ EM
  - ELECTRIC VAULT . . . . . □ EV
  - ELECTRIC TRANSFORMER . . . . . □ ET
  - ELECTRIC CABINET . . . . . □ EC
  - ELECTRIC RISER . . . . . □ ER
  - OVER-HEAD ELECTRIC . . . . . — OE —
  - AIR CONDITION UNIT . . . . . □ ACU
  - STORM DRAIN MANHOLE . . . . . ⊕ SDMH
  - STORM DRAIN CURB INLET . . . . . □ SDCI
  - STORM DRAIN TRENCH DRAIN . . . . . — SDTD —
  - STORM DRAIN CLEAN-OUT . . . . . □ SDCO
  - CATCH BASIN . . . . . □ CB
  - WATER RISER . . . . . □ WR
  - WATER METER . . . . . □ WM
  - WATER SERVICE . . . . . □ WS
  - WATER VALVE . . . . . ⊗ WV
  - FIRE HYDRANT . . . . . ⊕ FH
  - FIRE SERVICE . . . . . □ FS
  - POST INDICATOR VALVE . . . . . □ PIV
  - IRRIGATION CONTROL BOX . . . . . □ ICB
  - BACKFLOW PREVENTER . . . . . □ BFP
  - COMMUNICATION PULL BOX . . . . . □ CBP
  - COMMUNICATION LINE . . . . . — COM —
  - TELEPHONE RISER . . . . . □ TR
  - TELEPHONE PULL BOX . . . . . □ TBP
  - TELEPHONE MANHOLE . . . . . ⊕ TMH
  - TELEPHONE VAULT . . . . . □ TV
  - TELEPHONE LINE . . . . . — T —
  - GAS METER . . . . . □ GM
  - GAS VALVE . . . . . ⊗ GV
- LANDSCAPING**
- SEWER MANHOLE . . . . . ⊕ SMH
  - SEWER CLEAN OUT . . . . . ○ SCO
  - DECIDUOUS TREE . . . . . 🌳
  - PALM TREE . . . . . 🌴
- PROPERTY DATA**
- PROPERTY LINE . . . . . — — — — —
  - RIGHT-OF-WAY . . . . . - - - - -
  - CENTER LINE . . . . . - - - - -
  - LOT LINE . . . . . - - - - -
- IMPROVEMENTS**
- WROUGHT IRON FENCE . . . . . — ○ —
  - CHAIN LINK FENCE . . . . . — X —
  - WOOD FENCE . . . . . — □ —
  - WALL . . . . . — — — — —
  - CURB & GUTTER . . . . . — — — — —
  - BUILDING FOOTPRINT . . . . . // // //
- ABBREVIATIONS**
- ELEVATION . . . . . EL
  - LATITUDE . . . . . LAT
  - LONGITUDE . . . . . LONG
  - TOP OF CURB . . . . . TC
  - CONCRETE . . . . . C/CONC.
  - HANDICAP RAMP . . . . . HCR
  - CURB INLET . . . . . CI
  - UNDERGROUND . . . . . U/G
  - TOP OF WALL . . . . . TW
  - ROOF . . . . . RF
  - ROW . . . . . R.O.W.
  - MAILBOX . . . . . MB
  - UNKNOWN MANHOLE . . . . . UMH
  - UNKNOWN RISER . . . . . UR
  - UNKNOWN VAULT . . . . . UVT
  - DRIVEWAY . . . . . DWY

**CROWN CASTLE**  
38 TECHNOLOGY DR., STE. 250,  
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**M SQUARED WIRELESS**  
1387 CALLE AVANZADO  
SAN CLEMENTE CA 92673 (949) 391-6824

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CHECKED BY:	MM

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PROFESSIONAL LAND SURVEYOR  
CASEY R. LYNCH  
No. 8380  
CALIFORNIA

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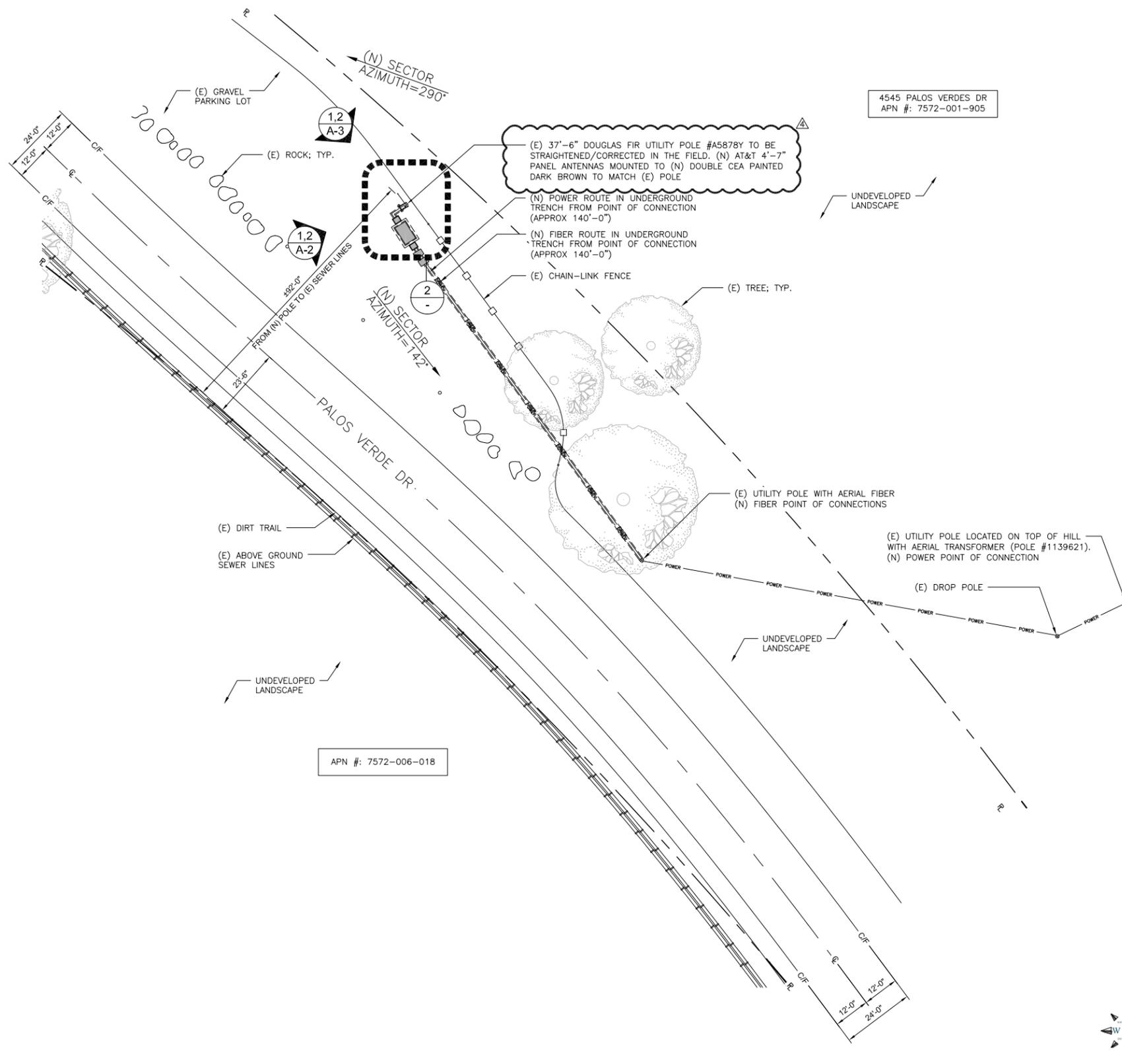
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REPLACEMENT WOOD UTILITY POLE

SHEET TITLE  
**LAND SURVEY**

SHEET NUMBER  
**LS-1**

**DISCLAIMER NOTE:**  
 THESE DRAWINGS WERE PRODUCED WITHOUT THE BENEFIT OF A CURRENT LAND SURVEY. ALL PROPERTY LINES, EASEMENTS, SETBACKS AND EXISTING CONDITIONS ARE APPROXIMATE AND SHALL BE VERIFIED PRIOR TO START OF CONSTRUCTION.

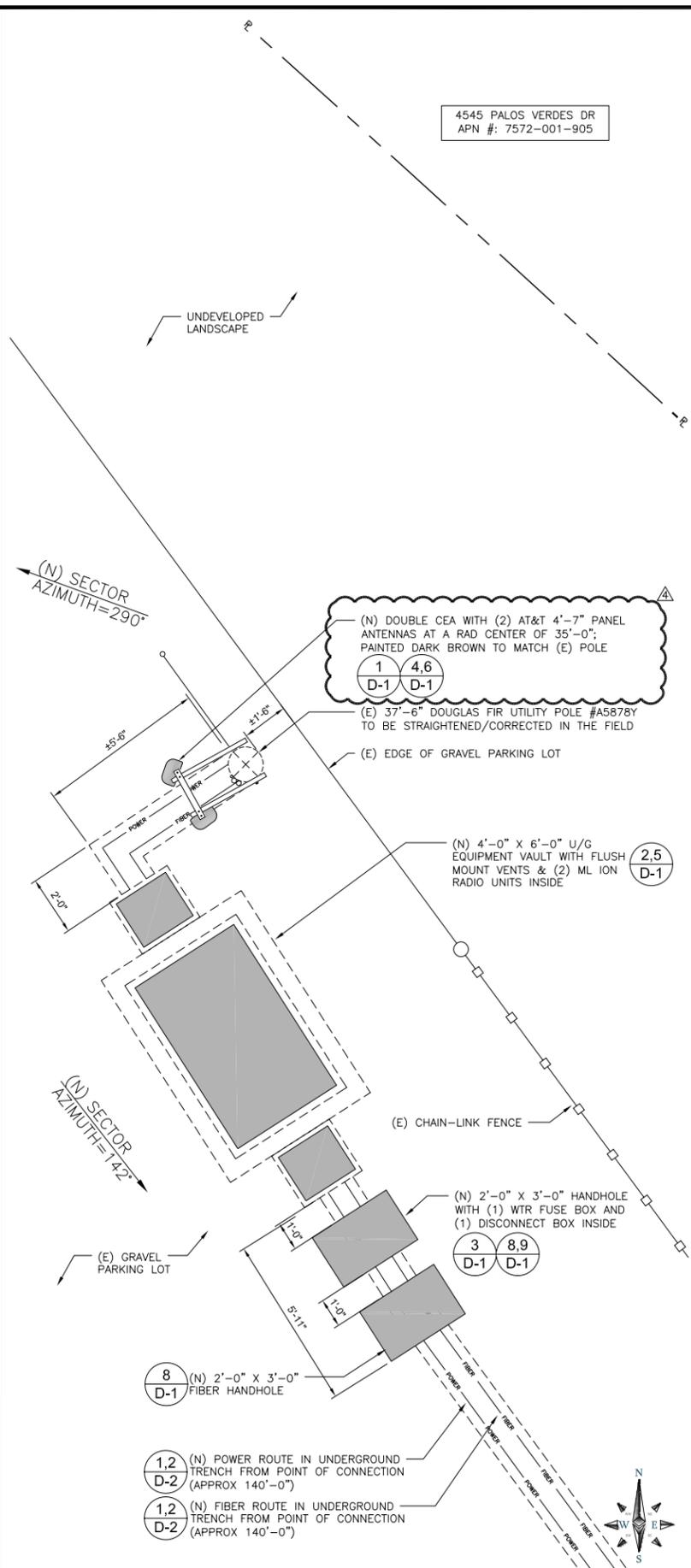
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 APN #: 7572-001-905  
 (N) POLE COORDINATES:  
 33.739505', -118.358618'  
 AZIMUTHS: 142', 290'



4545 PALOS VERDES DR  
 APN #: 7572-001-905

4545 PALOS VERDES DR  
 APN #: 7572-001-905

APN #: 7572-006-018



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

2

**SITE PLAN**

24"x36" SCALE: 1" = 20'-0"  
 11"x17" SCALE: 1" = 40'-0"



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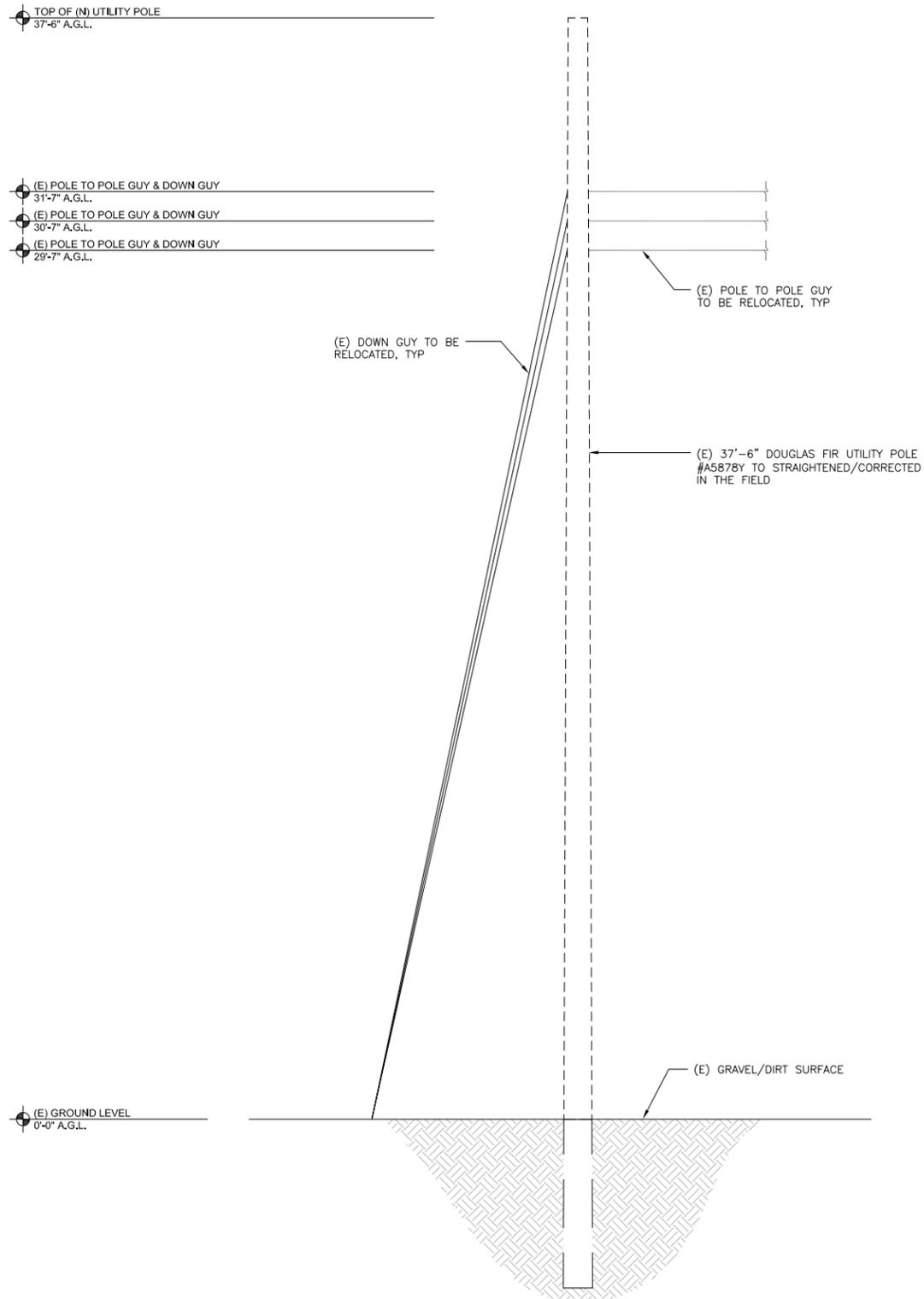
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SHEET TITLE  
**SITE PLAN AND ENLARGED PLAN**

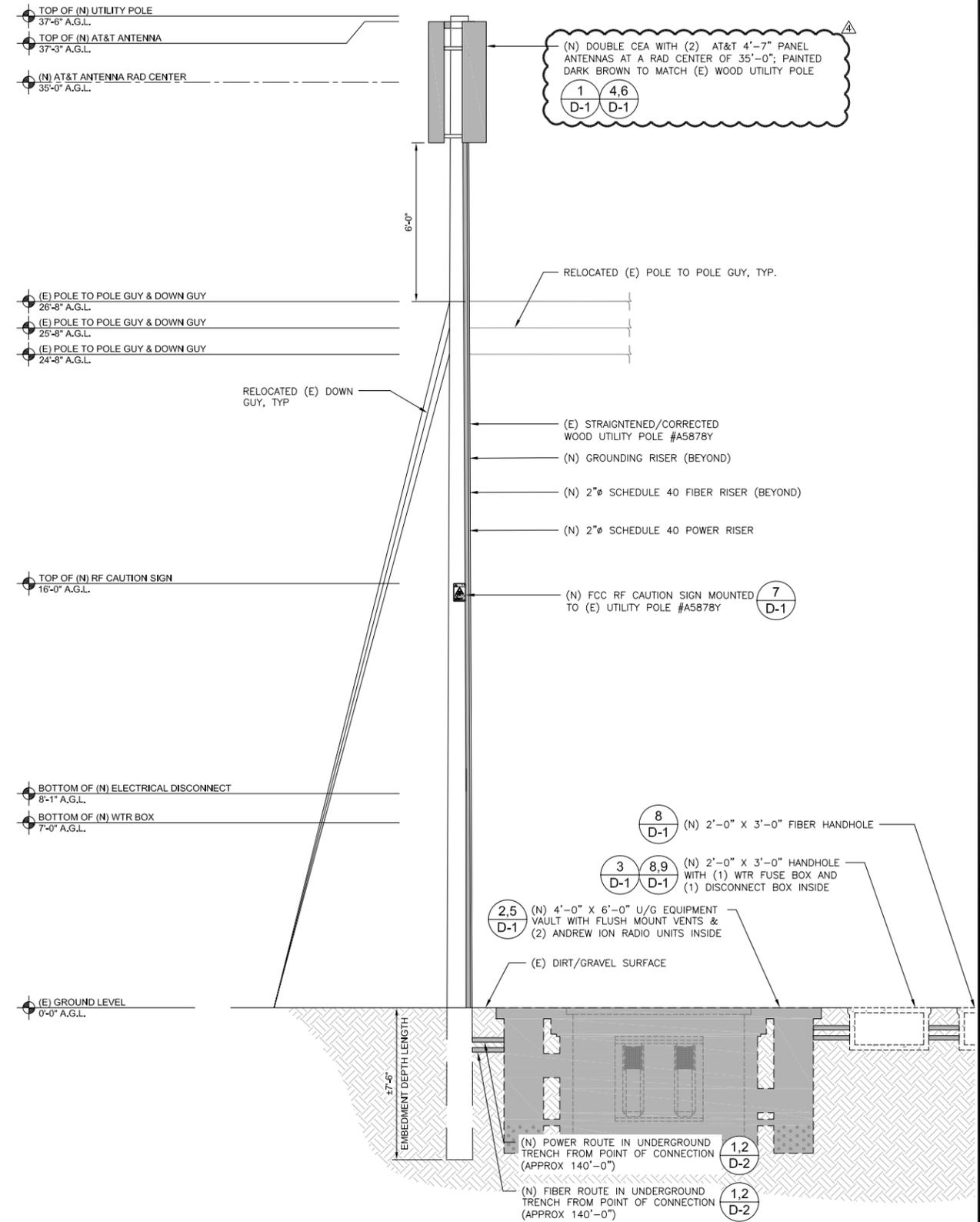
SHEET NUMBER  
**A-1**

- NOTES:
1. ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITIONS.
  2. NEW ANTENNAS, EQUIPMENT, AND MOUNTING HARDWARE TO BE PAINTED TO MATCH NEW WOOD UTILITY POLE.
  3. RESTORE ASPHALT & ALL DISTURBED SURFACES BY NEW WOOD UTILITY POLE PER CITY STANDARDS.
  4. NEW REPLACEMENT UTILITY POLE SIZE, CLASS PER FINAL STRUCTURAL ANALYSIS



EXISTING SOUTHWEST ELEVATION

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



NEW SOUTHWEST ELEVATION

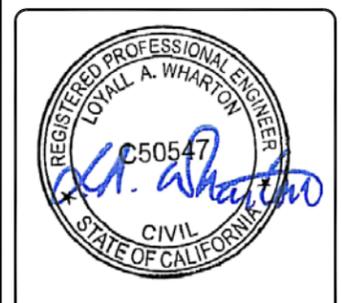
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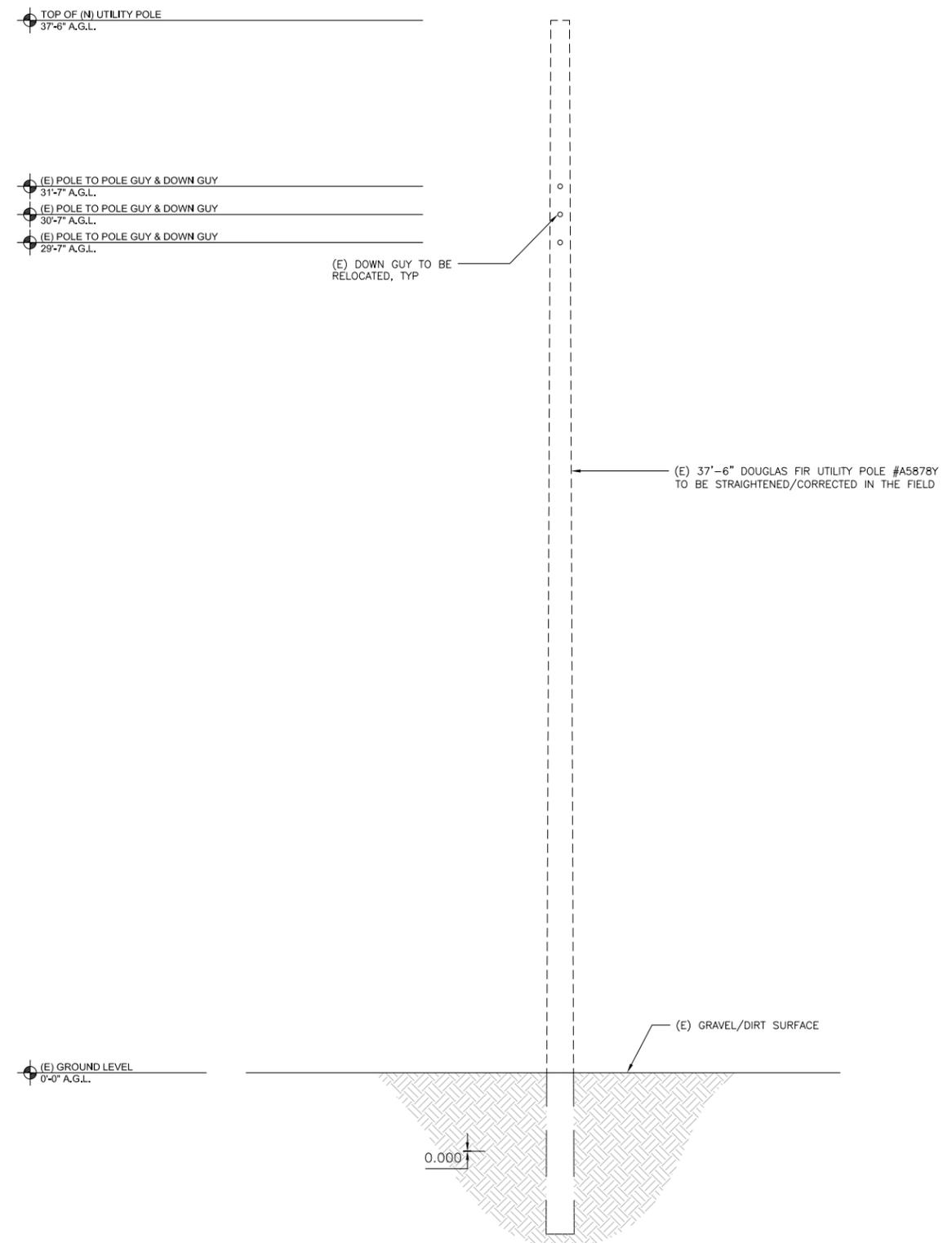
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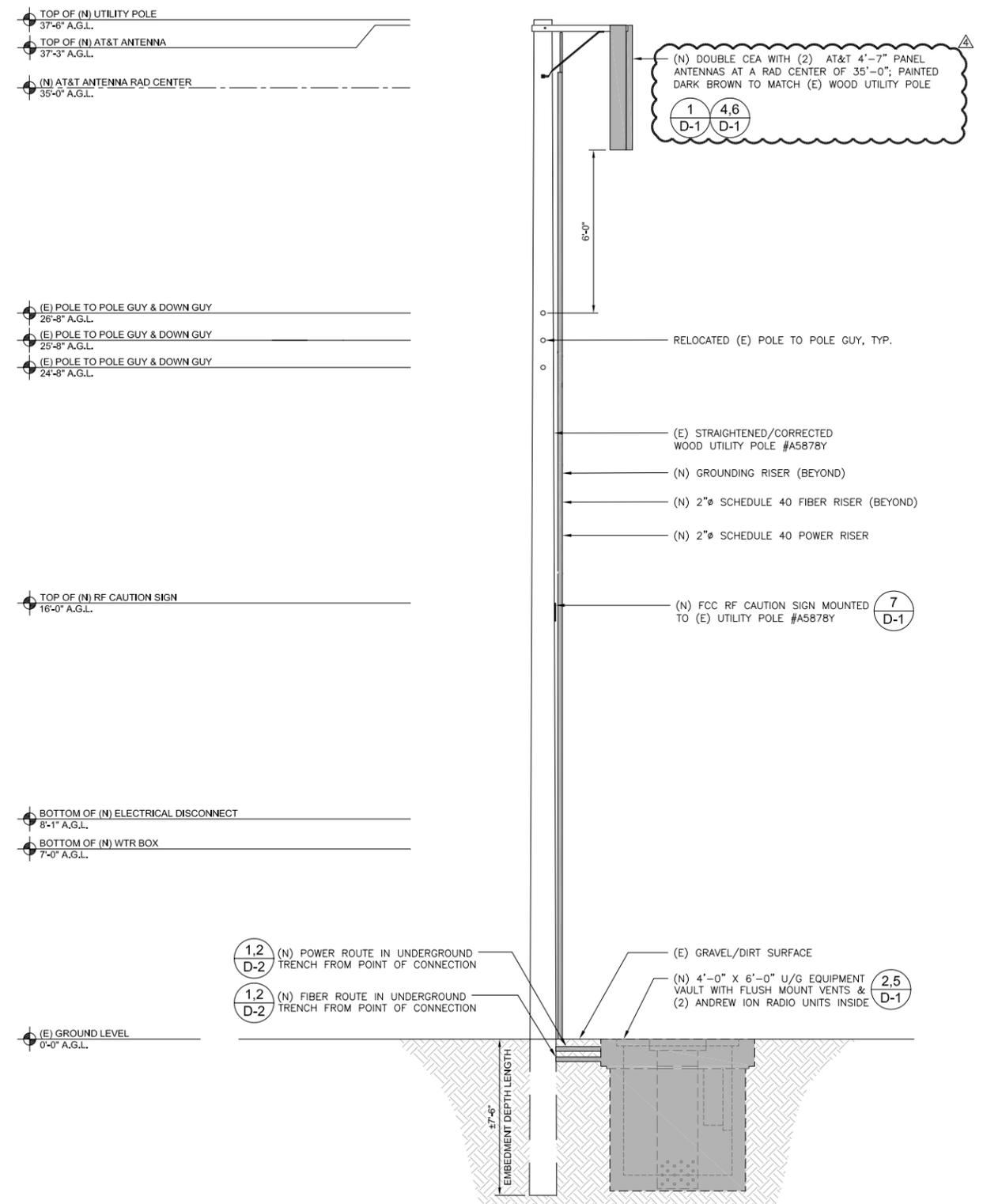
SHEET NUMBER  
**A-2**

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 3. RESTORE ASPHALT & ALL DISTURBED SURFACES BY NEW WOOD UTILITY POLE PER CITY STANDARDS.  
 4. NEW REPLACEMENT UTILITY POLE SIZE, CLASS PER FINAL STRUCTURAL ANALYSIS



EXISTING NORTHWEST ELEVATION

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



NEW NORTHWEST ELEVATION

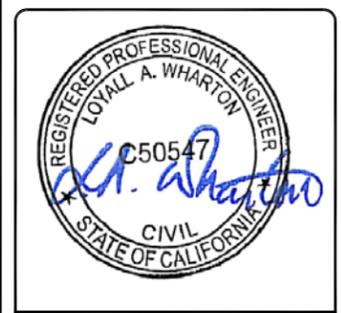
24"x36" SCALE: 1/2" = 1'-0"  
 11"x17" SCALE: 1" = 1'-0"

**CROWN CASTLE**  
 38 TECHNOLOGY DR., STE. 250,  
 IRVINE, CA 92618

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

DRAWN BY: BM  
 CHECKED BY: MM

REV	DATE	DESCRIPTION
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3	01/22/2019	100% CD'S REVISED - JX
2	10/02/2018	100% CD'S REVISED - JX
1	07/23/2018	100% CD'S REVISED
0	06/25/2018	100% CD'S FOR SUBMITTAL
A	04/17/2018	90% CD'S FOR REVIEW

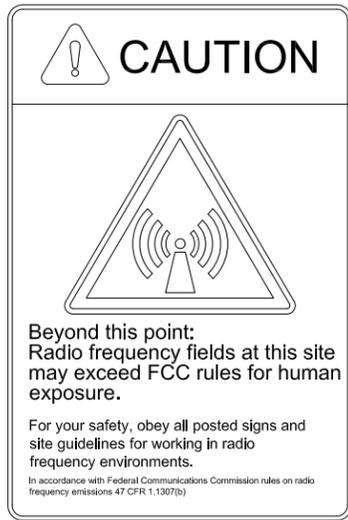


IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

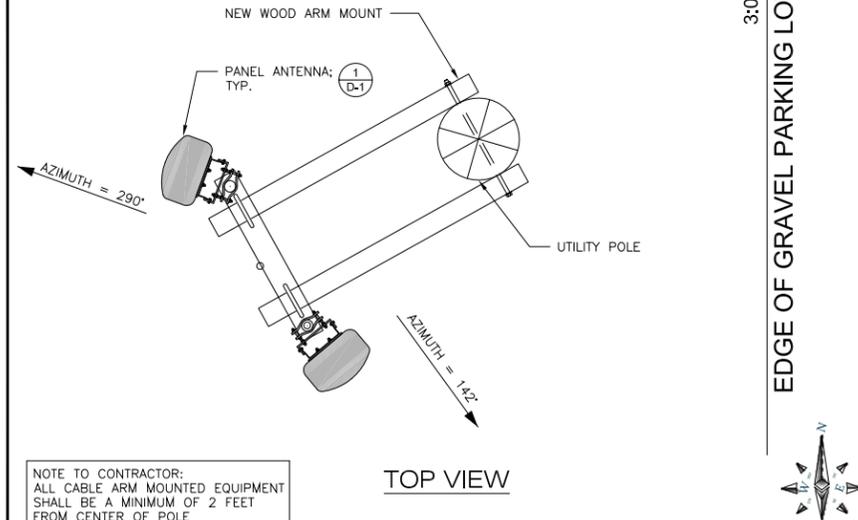
ATTLA0194M1  
 CROWN CASTLE SITE ID:  
 CROWN CASTLE NG WEST  
 REAR OF: PALOS VERDES DRIVE SOUTH  
 RANCHO PALOS VERDES, CA 90275  
 REPLACEMENT WOOD UTILITY POLE

SHEET TITLE  
**ELEVATIONS**

SHEET NUMBER  
**A-3**

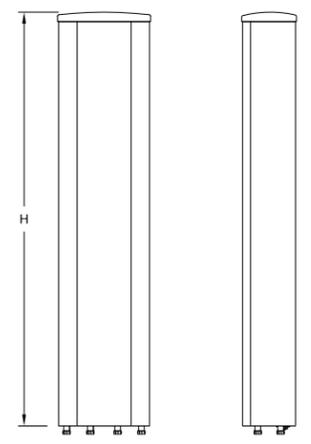
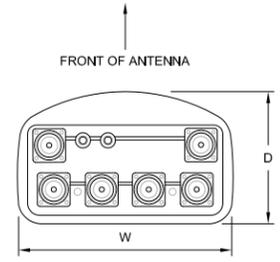


NOTE:  
NEW YELLOW CAUTION METAL SIGN TO BE PROVIDED BY AT&T AND SHALL BE PLACED ON THE POLE 10 FEET ABOVE GROUND LEVEL. VERIFY COLOR PRIOR TO INSTALL.  
SIGNAGE SHALL BE ANCHORED TO STEEL POLE WITH STAINLESS STEEL STRAPS



NOTE TO CONTRACTOR:  
ALL CABLE ARM MOUNTED EQUIPMENT SHALL BE A MINIMUM OF 2 FEET FROM CENTER OF POLE

COMMSCOPE SBNHH-1D665A	
HEIGHT (H)	55.0"
WIDTH (W)	11.9"
DEPTH (D)	7.1"
WEIGHT	33.5 LBS.
SURVIVAL WIND SPEED:	150.0 MPH
CONNECTOR:	(6) 7-16 DIN FEMALE - BOTTOM
MOUNTING POLE:	2.4 - 4.5 INCHES



RF SIGNAGE

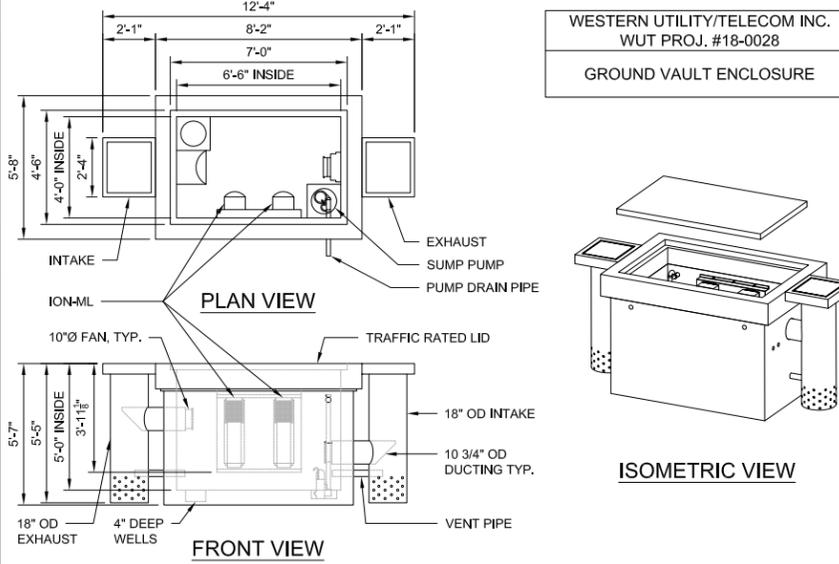
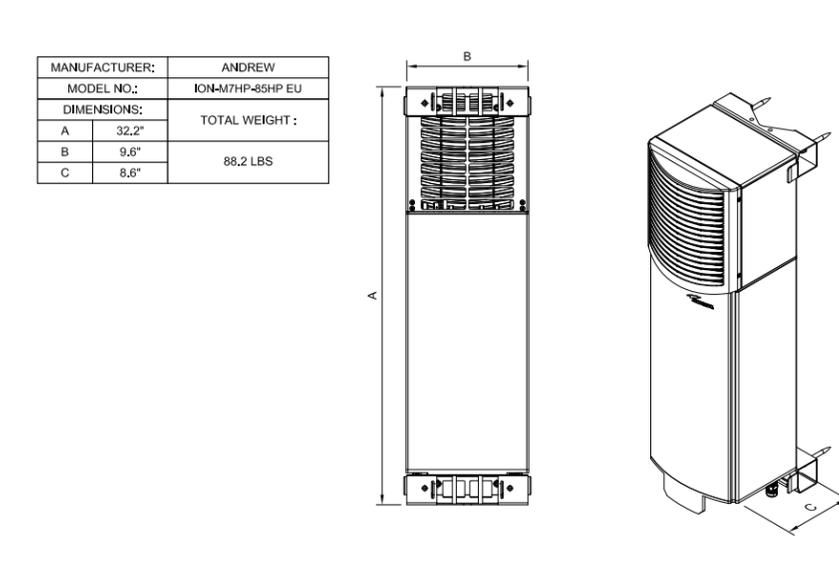
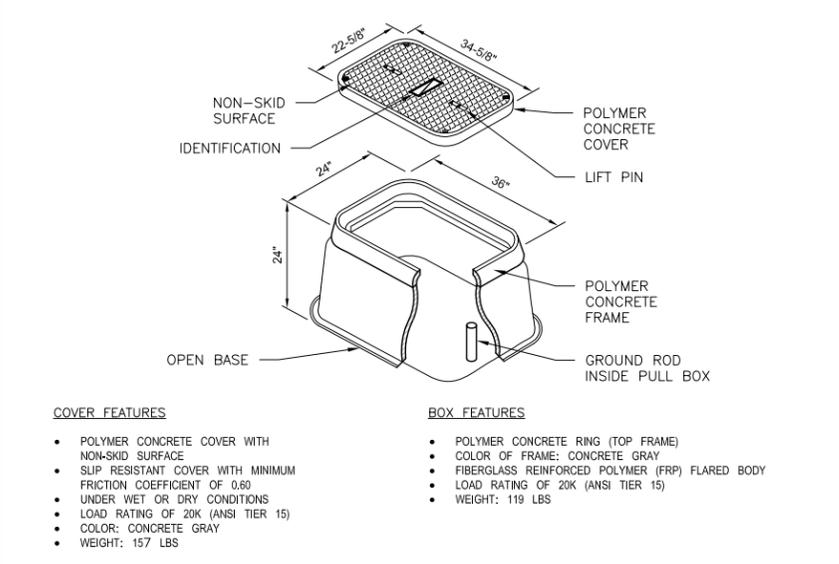
24"x36" SCALE: NTS  
11"x17" SCALE: NTS

WOOD ARM MOUNT ASSEMBLY

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

COMMSCOPE 4'-7" PANEL ANTENNA

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



2' X 3' HANDHOLE

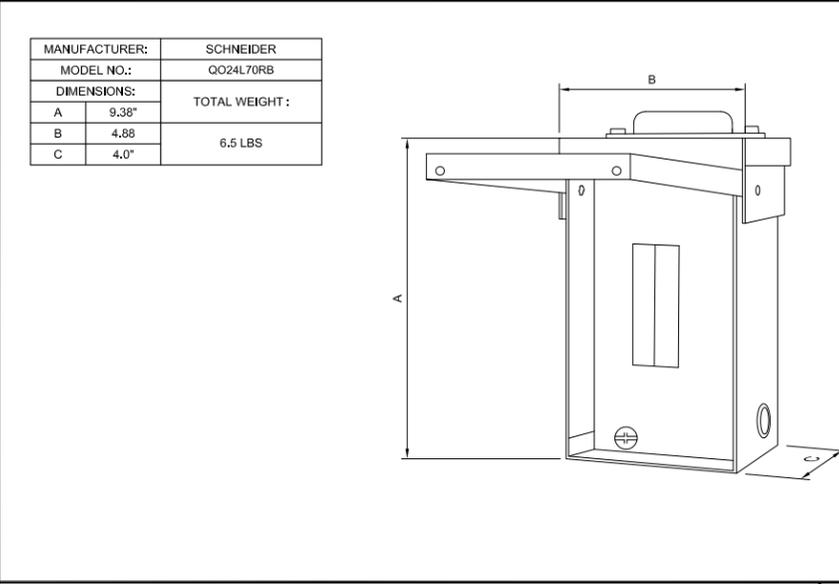
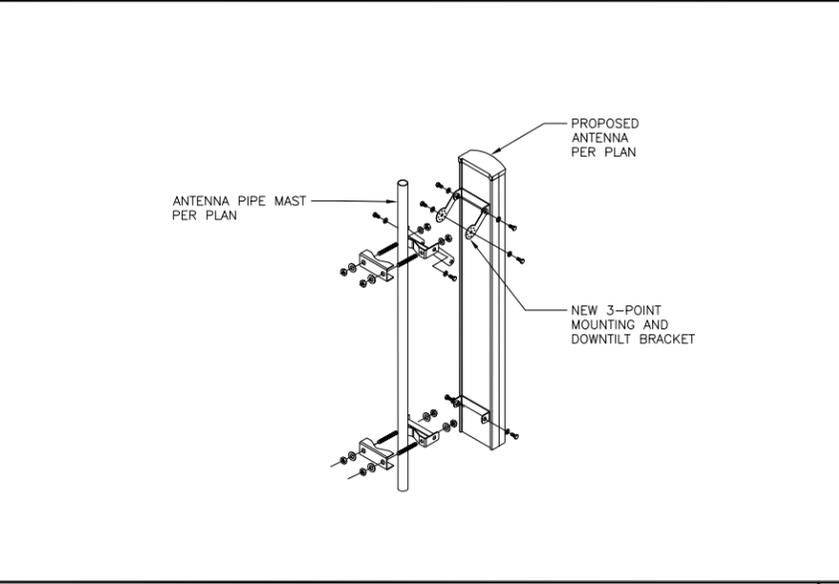
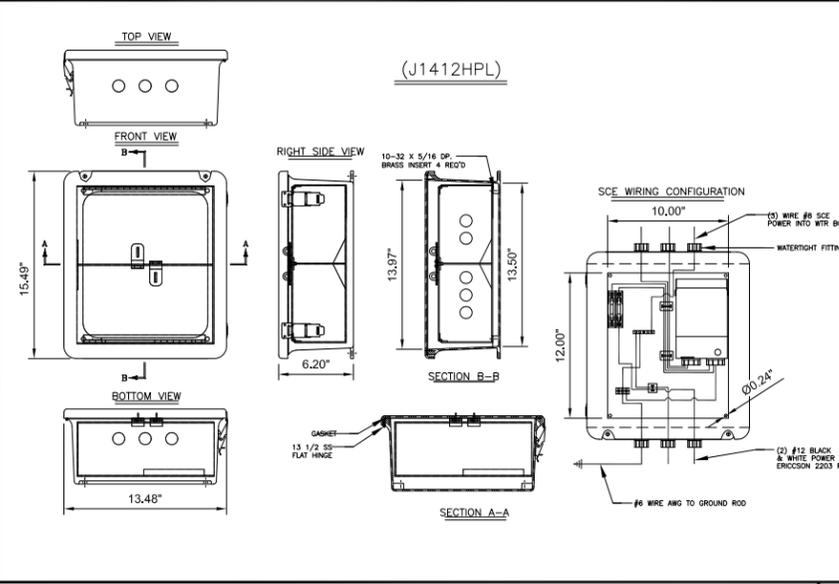
24"x36" SCALE: NTS  
11"x17" SCALE: NTS

ION RADIO UNIT

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

UNDERGROUND VAULT ENCLOSURE

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



(N) WTR FUSE BOX

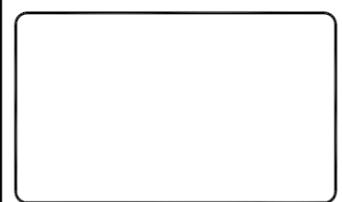
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11"x17" SCALE: NTS

ANTENNA MOUNTING

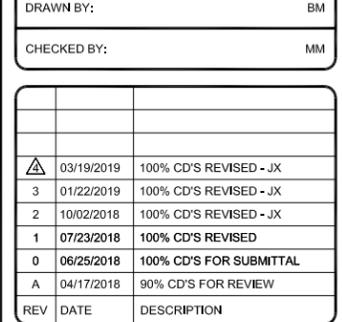
24"x36" SCALE: NTS  
11"x17" SCALE: NTS

DISCONNECT SWITCH

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



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CHECKED BY:	MM	
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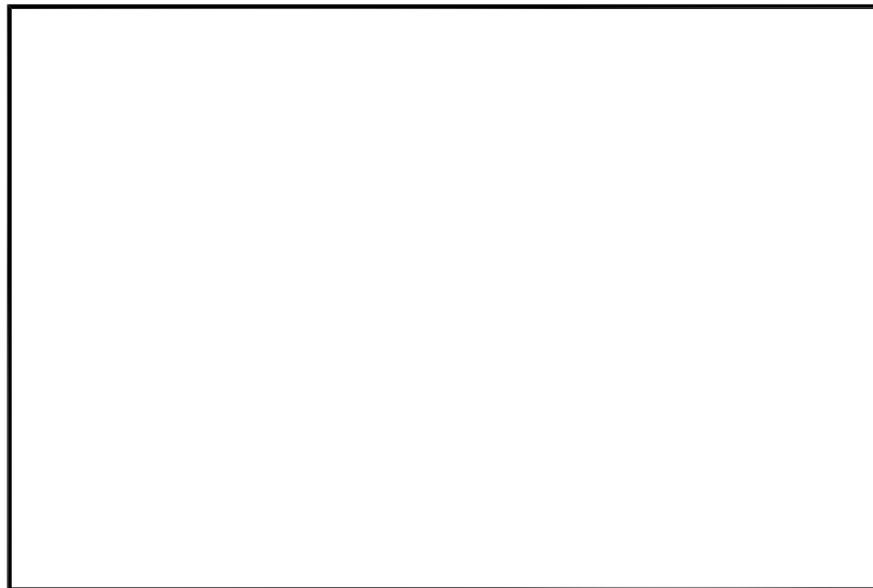


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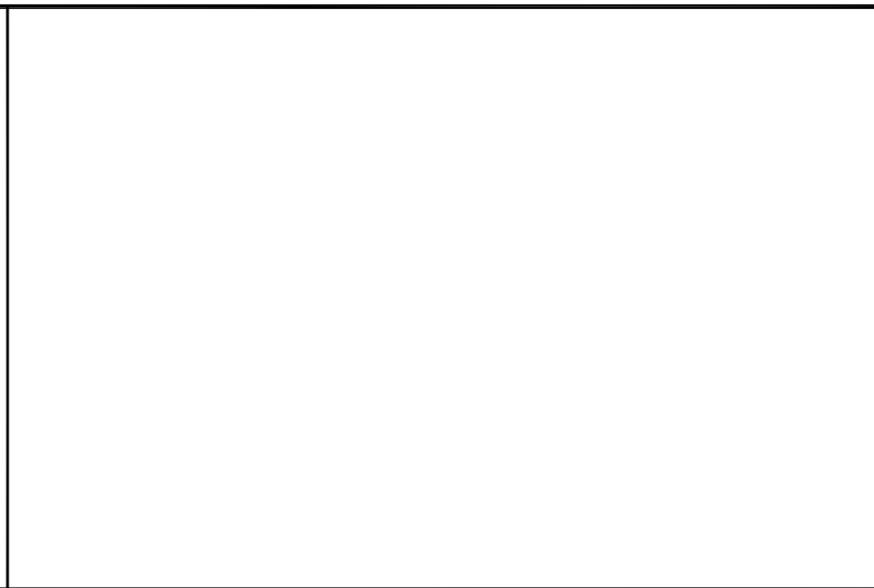
ATL0194M1  
CROWN CASTLE SITE ID:  
CROWN CASTLE NG WEST  
REAR OF: PALOS VERDES DRIVE SOUTH  
RANCHO PALOS VERDES, CA 90275  
REPLACEMENT WOOD UTILITY POLE

SHEET TITLE  
DETAILS

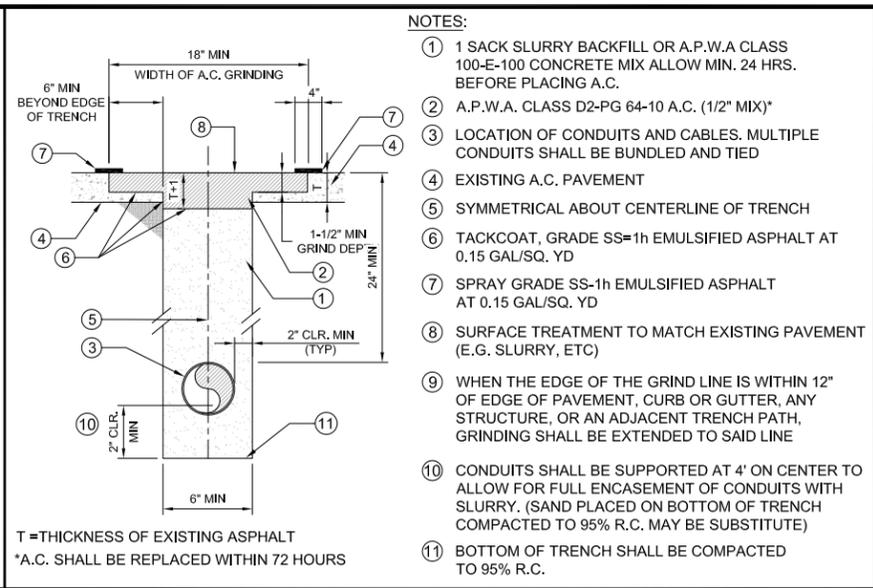
SHEET NUMBER  
D-1



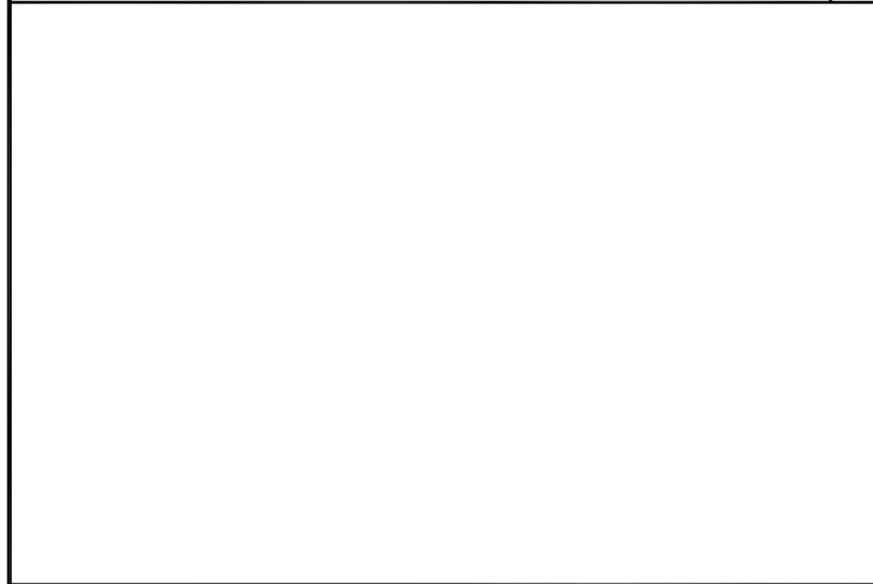
NOT USED 24"x36" SCALE: NTS 11"x17" SCALE: NTS 7



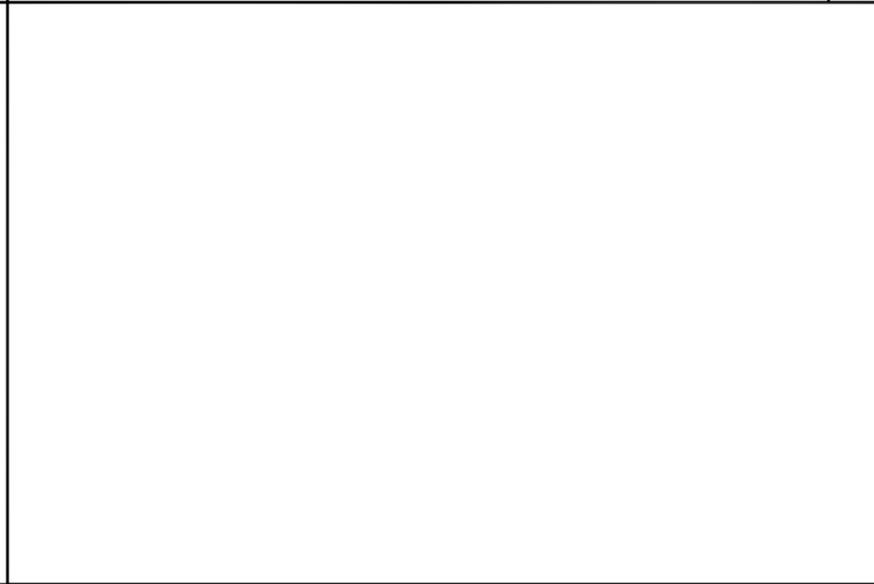
NOT USED 24"x36" SCALE: NTS 11"x17" SCALE: NTS 4



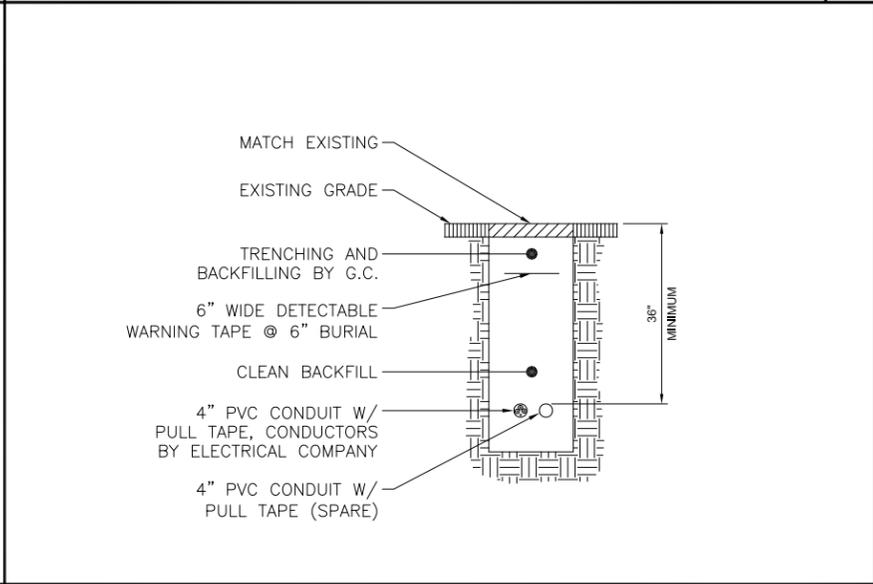
TRENCH SLURRY, BACKFILL, & ASPHALT 24"x36" SCALE: NTS 11"x17" SCALE: NTS 1



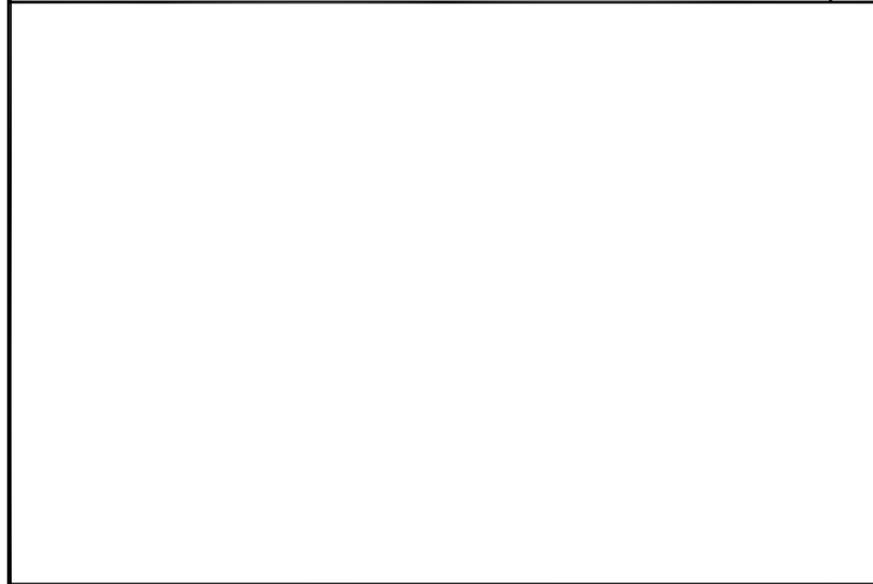
NOT USED 24"x36" SCALE: NTS 11"x17" SCALE: NTS 8



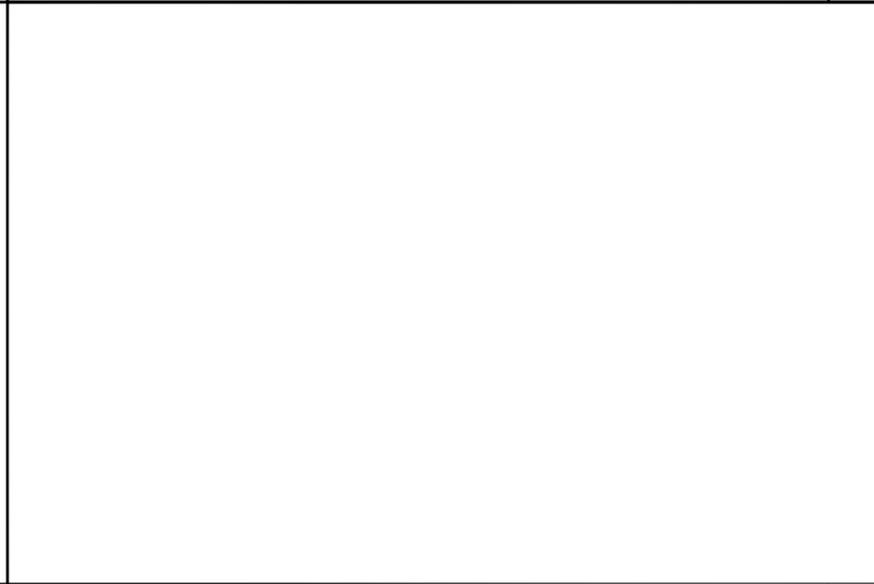
NOT USED 24"x36" SCALE: NTS 11"x17" SCALE: NTS 5



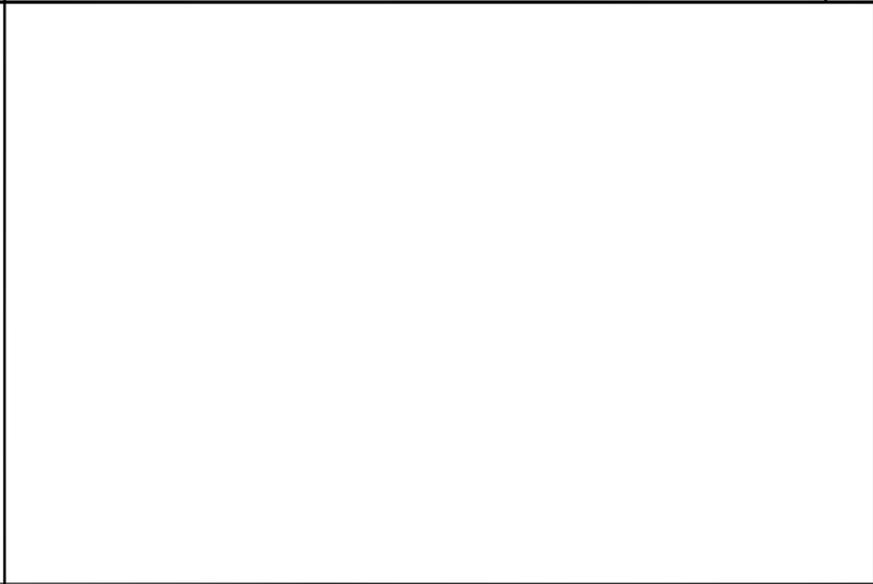
TRENCH SECTION DETAIL 24"x36" SCALE: NTS 11"x17" SCALE: NTS 2



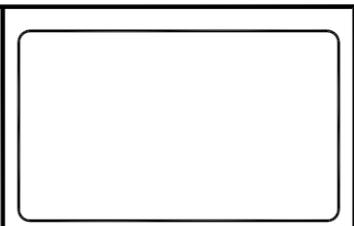
NOT USED 24"x36" SCALE: NTS 11"x17" SCALE: NTS 9



NOT USED 24"x36" SCALE: NTS 11"x17" SCALE: NTS 6

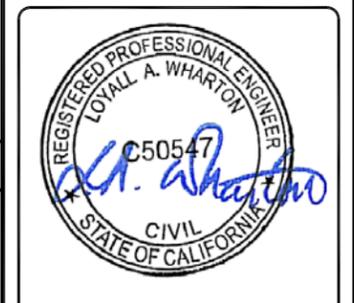


NOT USED 24"x36" SCALE: NTS 11"x17" SCALE: NTS 3



DRAWN BY: BM  
CHECKED BY: MM

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0	06/25/2018	100% CD'S FOR SUBMITTAL
A	04/17/2018	90% CD'S FOR REVIEW



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ATTLA0194M1  
CROWN CASTLE SITE ID:  
CROWN CASTLE NG WEST  
REAR OF: PALOS VERDES DRIVE SOUTH  
RANCHO PALOS VERDES, CA 90275  
REPLACEMENT WOOD UTILITY POLE

SHEET TITLE  
**DETAILS**

SHEET NUMBER  
**D-2**

NOT USED

NOT USED

6

NOT USED

3

NOT USED

NOT USED

7

NOT USED

4

SINGLE LINE DIAGRAM

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

1

NOT USED

NOT USED

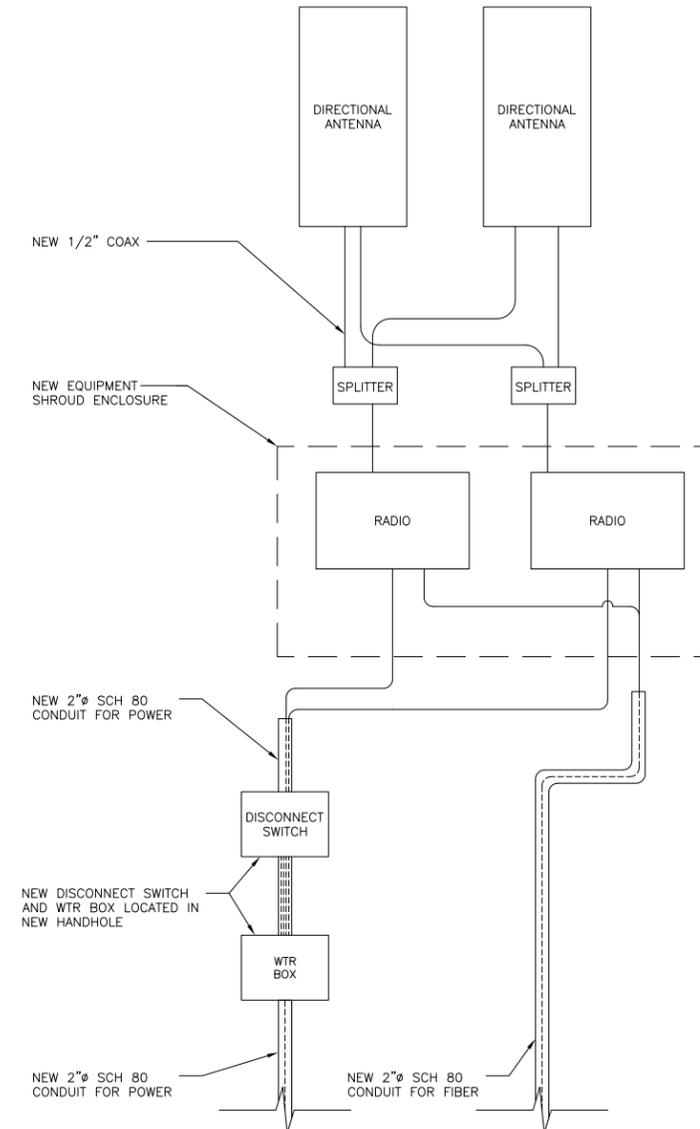
8

NOT USED

5

NOT USED

2



**CROWN CASTLE**  
 38 TECHNOLOGY DR., STE. 250,  
 IRVINE, CA 92618

**M SQUARED WIRELESS**  
 1387 CALLE AVANZADO  
 SAN CLEMENTE CA 92673 (949) 391-6824

DRAWN BY: BM  
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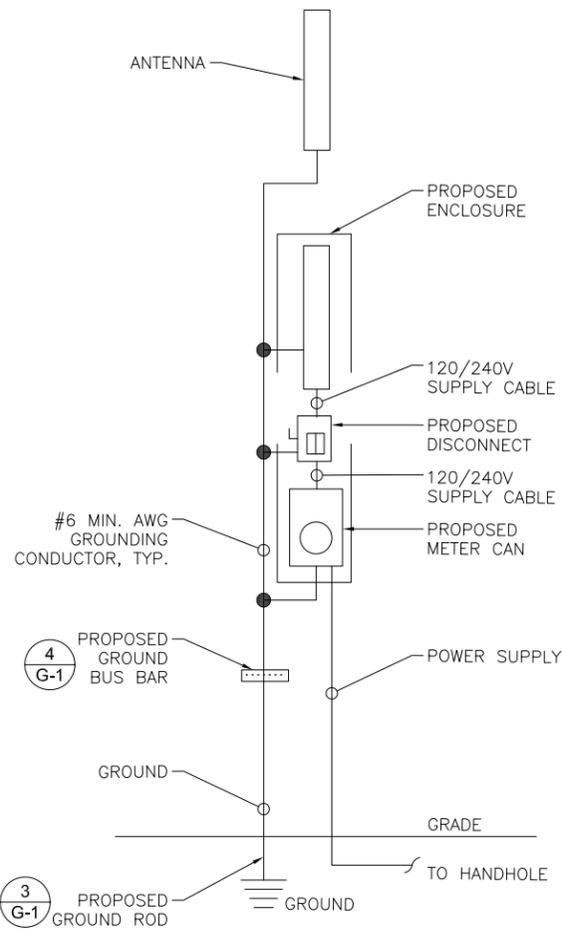


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 CROWN CASTLE NG WEST  
 REAR OF: PALOS VERDES DRIVE SOUTH  
 RANCHO PALOS VERDES, CA 90275  
 REPLACEMENT WOOD UTILITY POLE

SHEET TITLE  
**ELECTRICAL DETAILS**

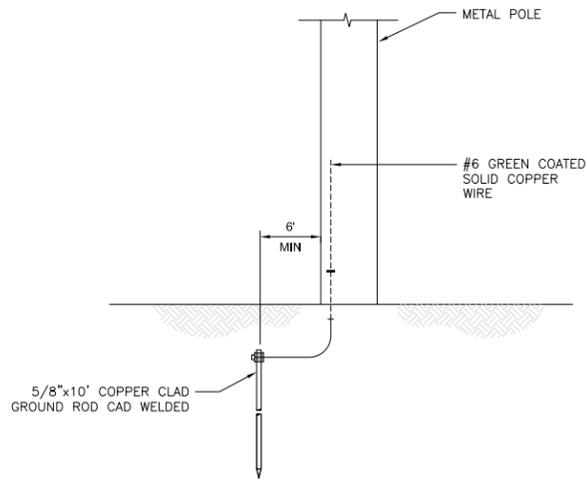
SHEET NUMBER  
**E-1**



**GROUNDING SCHEMATIC**

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

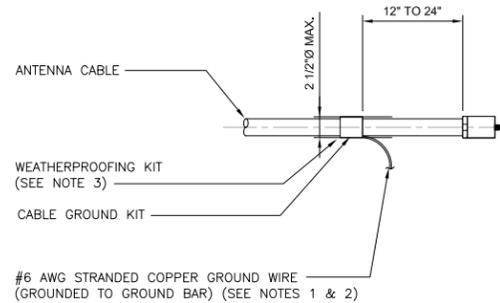
**7**



**GROUNDING ROD**

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

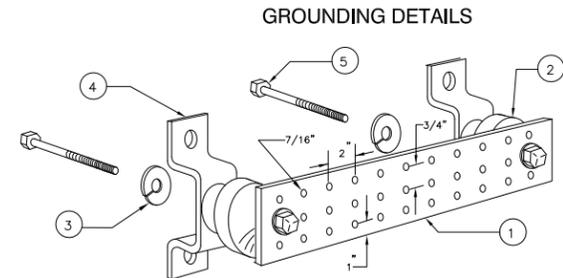
**4**



**CABLE GROUND KIT CONNECTION**

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

**5**



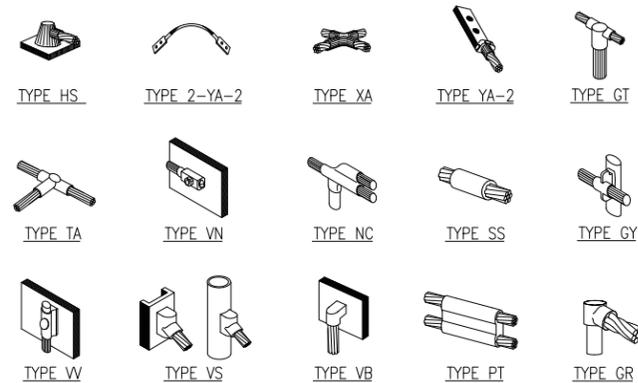
- LEGEND**
1. COPPER GROUND BAR, NEW TON INSTRUMENT CO. OR EQUIVALENT. HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION.
  2. INSULATORS, NEW TON INSTRUMENT CO. CAT. NO. 3061-4 OR EQUIVALENT.
  3. 5/8" LOCK WASHERS, NEW TON INSTRUMENT CO. CAT. NO. 3015-8 OR EQUIVALENT.
  4. WALL MOUNTING BRACKET, NEW TON INSTRUMENT CO. CAT. NO. A-6056 OR EQUIVALENT.
  5. 5/8-11 x 1" H.H.C.S. BOLTS, NEW TON INSTRUMENT CO. CAT. NO. 3012-1 OR EQUIVALENT.

- NOTES:**
- 1) ALL MOUNTING HARDWARE CAN ALSO BE USED ON 6", 12", 18", ETC. GROUND BARS.
  - 2) ENTIRE ASSEMBLY AVAILABLE FROM NEWTON INSTRUMENT CO. CAT. NO. 2106060010.
  - 3) PROVIDE SECURITY HARDWARE TO PREVENT THEFT

**GROUND BUS BAR**

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

**1**



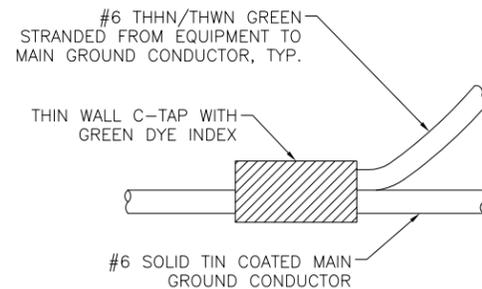
**NOTE:**  
ERICO EXOTHERMIC "MOLD TYPES" SHOWN HERE ARE EXAMPLES. CONSULT WITH PROJECT MANAGER FOR SPECIFIC MOLDS TO BE USED FOR THIS PROJECT.

**CADWELDS**

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

**2**

**NOTE:**  
CONTRACTOR TO SURROUND COMPLETED CONNECTION WITH HEAT-SHRINK TUBING TO ENSURE WEATHER PROOF CONNECTION



**NOT USED**

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

**8**

**NOT USED**

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

**6**

**C-TAP CONNECTIONS**

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

**3**



38 TECHNOLOGY DR., STE. 250,  
IRVINE, CA 92618



1387 CALLE AVANZADO  
SAN CLEMENTE CA 92673 (949) 391-6824

DRAWN BY: BM  
CHECKED BY: MM

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**ATTLA0194M1**  
**CROWN CASTLE SITE ID:**  
**CROWN CASTLE NG WEST**  
REAR OF: PALOS VERDES DRIVE SOUTH  
RANCHO PALOS VERDES, CA 90275  
**REPLACEMENT WOOD UTILITY POLE**

SHEET TITLE  
**GROUNDING DETAILS**

SHEET NUMBER

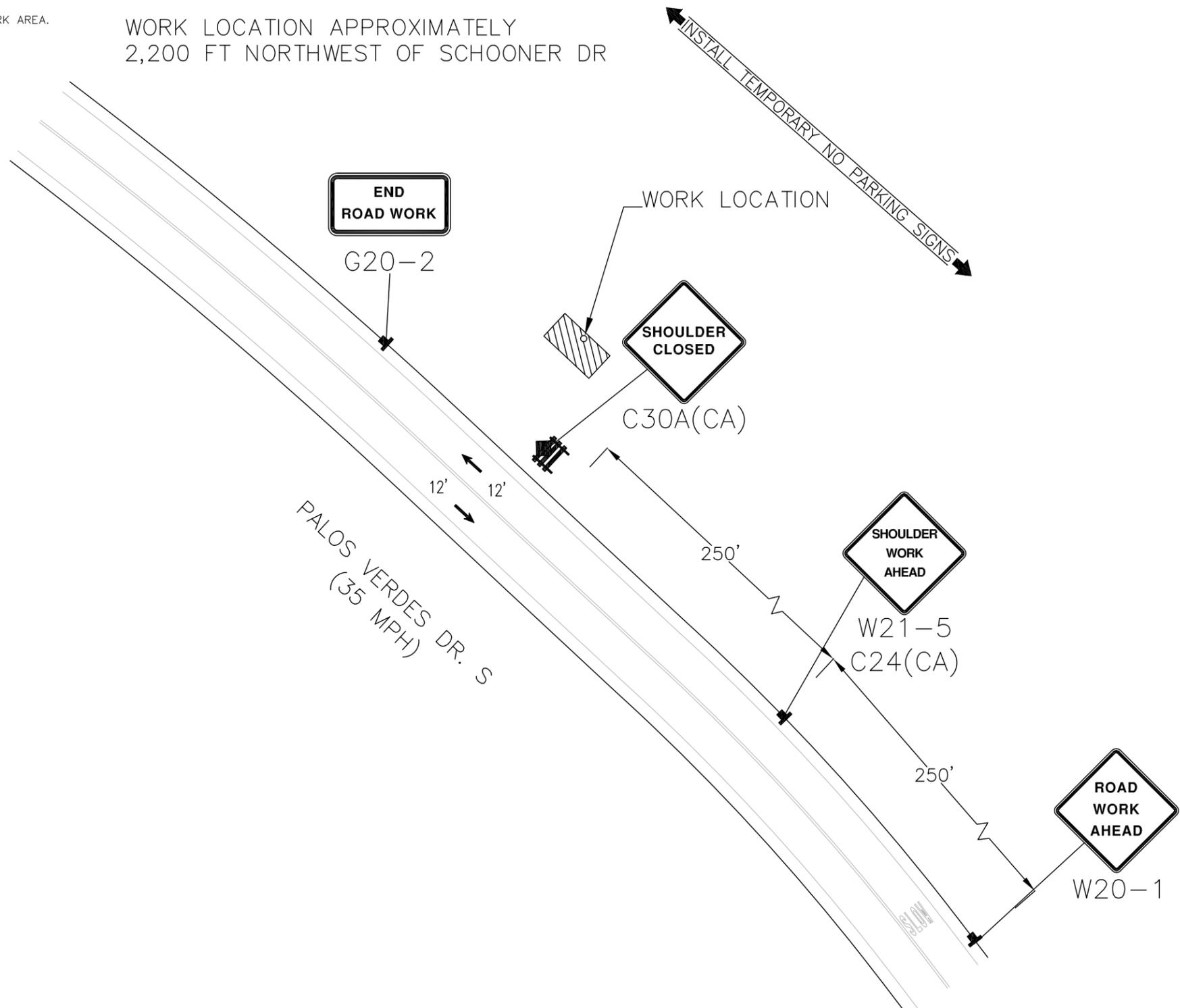
**G-1**



**NOTES:**

1. CONTRACTOR TO MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES.
2. W20-1 & G20-2 SHALL BE PLACED ON AFFECTED CROSS STREETS ACCORDING TO THE SPEED LIMIT OF THE CROSS STREET.
3. CONTRACTOR SHALL ASSIST PEDESTRIAN TRAFFIC THROUGH WORK AREA.

WORK LOCATION APPROXIMATELY  
2,200 FT NORTHWEST OF SCHOONER DR



PALOS VERDES DR. S  
(35 MPH)

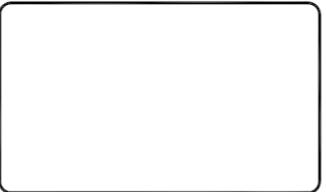
I HEREBY DECLARE THAT I AM THE ENGINEER AND HAVE REVIEWED THIS PROJECT AND IS CONSISTENT WITH CURRENT STANDARDS PER BUSINESS AND PROFESSIONS CODE SECTION 6703.

I UNDERSTAND THAT CITY REVIEW DOES NOT RELIEVE ME OF RESPONSIBILITY FOR THIS PROJECT DESIGN.



**VEHICULAR TRAFFIC CONTROL PLAN**  
SCALE: NOT TO SCALE

1

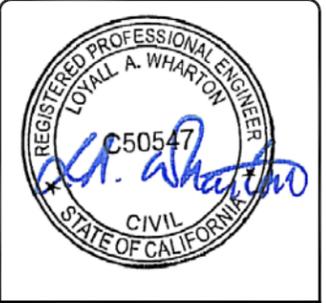


**CROWN CASTLE**  
38 TECHNOLOGY DR., STE. 250,  
IRVINE, CA 92618

**M SQUARED WIRELESS**  
1387 CALLE AVANZADO  
SAN CLEMENTE CA 92673 (949) 391-6824

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CROWN CASTLE SITE ID:  
CROWN CASTLE NG WEST  
REAR OF: PALOS VERDES DRIVE SOUTH  
RANCHO PALOS VERDES, CA 90275  
REPLACEMENT WOOD UTILITY POLE

SHEET TITLE  
**VEHICULAR TRAFFIC CONTROL PLAN**

SHEET NUMBER  
**TC-2**