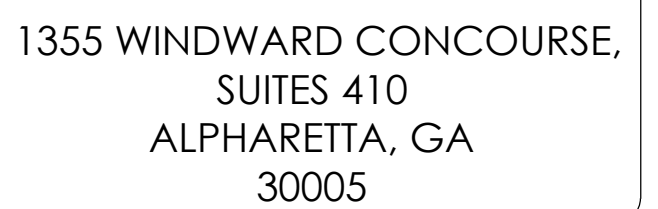


|            |                          |
|------------|--------------------------|
| SITE ID:   | CRAN_RSFR_PEBBL_002      |
| IWM:       | WSSFR0048239             |
| FA CODE:   | 16364871                 |
| SITE TYPE: | WOODEN PG&E UTILITY POLE |
| POLE #:    | 121378735                |
| COUNTY:    | MONTEREY                 |

FA CODE: 16364871  
SITE TYPE: WOODEN PG&E UTILITY POLE  
POLE #: 121378735  
COUNTY: MONTEREY



**APPLICANT:**  
AT&T MOBILITY  
5005 EXECUTIVE PARKWAY  
SAN RAMON, CA 94583  
CONTACT: MARC GRABISCH  
EMAIL: MG387K@ATT.COM

**AT&T MOBILITY PROJECT MANAGER:**  
AT&T MOBILITY  
5005 EXECUTIVE PARKWAY  
SAN RAMON, CA 94583  
CONTACT: SEAN RANDALL  
EMAIL: SR9530@ATT.COM

AT&T MOBILITY RF MANAGER:  
5005 EXECUTIVE PARKWAY  
SAN RAMON, CA 94583  
CONTACT: HENRY PINEDA  
EMAIL: HP088P@ATT.COM

NEXT EDGE  
1355 WINDWARD CONCOURSE, SUITE 410  
ALPHARETTA, GA 30005  
PHONE: (707) 225-2865  
EMAIL: JUSTIN.GIARRITTA@NEXTEDGENETWORKS.COM

NEXT EDGE  
1355 WINDWARD CONCOURSE, SUITE 410  
ALPHARETTA, GA 30005  
PHONE: (530) 305-6898  
EMAIL: TODD.LAWRENCE@NEXTEDGENETWORKS.COM

NEXT EDGE  
1355 WINDWARD CONCOURSE, SUITE 410  
ALPHARETTA, GA 30005  
PHONE: (415) 989.1102  
EMAIL: ATTPROJECTTEAM@MODUSLLC.COM

- SCOPE:
- INSTALL (1) NEW 2" CANISTER ANTENNA ON TOP OF WOODEN PG&E UTILITY POLE
- INSTALL (1) NEW RADIO 4490 AND (1) RADIO 4890 ON WOODEN PG&E UTILITY POLE
- INSTALL (2) NEW PSU AC08 ON WOODEN PG&E UTILITY POLE
- INSTALL (1) NEW COAX CONDUIT FROM EQUIPMENT TO NEW CANISTER ANTENNA
- INSTALL (1) NEW POWER CONDUIT FROM P.O.C. TO EQUIPMENT
- INSTALL (1) NEW FIBER CONDUIT FROM P.O.C. TO EQUIPMENT
- INSTALL (1) NEW EQUIPMENT BRACKET
- INSTALL (1) NEW SMART METER / DISCONNECT
- CABLEING TO BE INSTALLED IN A TIGHT NEAT MANNER WITHOUT EXCESS CABLE LOOPS
- ALL AT&T ADDED APPURTENANCES SHALL BE PAINTED TO MATCH POLE COLOR (NON-GLOSSY "SABLE" BY SHERWIN WILLIAMS, OR EQUIVALENT)
- EXISTING WOOD UTILITY POLE TO BE REPLACED WITH NEW WOOD UTILITY POLE BY PG&E

[illegible][illegible]

|                          |  |
|--------------------------|--|
| SITE ADDRESS:            | [NEAR] 1063 WRANGLERS TRAIL ROAD<br>PEBBLE BEACH, CA 93953           |
| OWNER:                   | PG&E<br>1 MARKET STREET, SPEAR TOWER<br>SAN FRANCISCO, CA 94105-1126 |
| APPLICANT:               | AT&T MOBILITY<br>5005 EXECUTIVE PARKWAY<br>SAN RAMON, CA 94583       |
| LATITUDE:                | 36.602223° N NAD83   |
| LONGITUDE:               | -121.947405° W NAD83   |
| COUNTY:                  | MONTEREY   |
| JURISDICTION:            | PEBBLE BEACH   |
| ASSESSORS PARCEL NUMBER: | NEAR 007-232-016-000   |
| ZONING:                  | MDR/B-6-D-RES  |
| ELEVATION:               | 109.964' AMSL  |

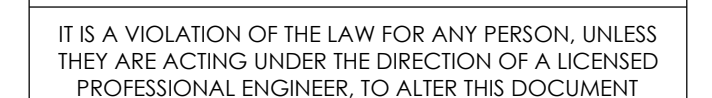


THE UTILITIES SHOWN HEREIN ARE FOR THE CONTRACTORS CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER/SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL THE UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO THE (E) UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

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 CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

- 2022 CALIFORNIA BUILDING CODE (CBC), BASED ON THE 2021 IBC
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), BASED ON THE 2020 NEC
- 2022 CALIFORNIA MECHANICAL CODE (CMC), BASED ON THE 2021 UMC
- 2022 CALIFORNIA PLUMBING CODE (CPC), BASED ON THE 2021 UPC
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN)
- 2022 CALIFORNIA FIRE CODE WITH ALL LOCAL AMENDMENTS, BASED ON THE 2021 IFC
- ANY LOCAL BUILDING CODE AMENDMENTS TO THE ABOVE
- CALIFORNIA GENERAL ORDER 95 (G.O. 95, 2020)
- NCJPA OPERATIONS/ ROUTINE HANDBOOK (2019)
- NATIONAL ELECTRICAL CODE (NEC) 2023 EDITION
- NATIONAL ELECTRICAL SAFETY CODE IEEE C2 2023 (NESC)
- CITY / COUNTY ORDINANCES

ACCESSIBILITY REQUIREMENTS FOR PERSONS WITH DISABILITIES:  
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. ACCESSIBILITY IS  
NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA ADMINISTRATIVE STATE  
CODE PART 2, TITLE 24, CHAPTER 11B, SECTION 1103B.



**CRAN\_RSFR\_PEBBL\_002**  
(NEAR) 1063 WRANGLERS  
TRAIL ROAD  
PEBBLE BEACH, CA 93953

T-1



### GENERAL CONSTRUCTION NOTES

- ### GENERAL NOTES FOR EXISTING CELL SITES

- ### APPLICABLE CODES, REGULATIONS AND STANDARDS

- ### GENERAL TRENCHING NOTES

- ### GENERAL GROUNDING NOTES

- ### GENERAL CONDUIT NOTES

- TYPICAL R.O.W. POLE CONSTRUCTION NOTES

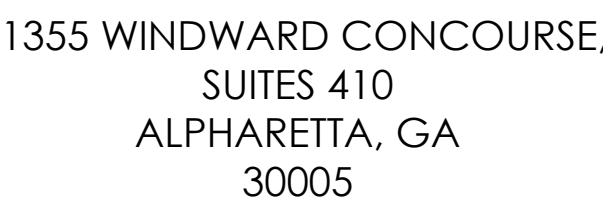
- ## CONTRACTOR REQUIREMENTS

DO NOT SCALE OFF DRAWINGS

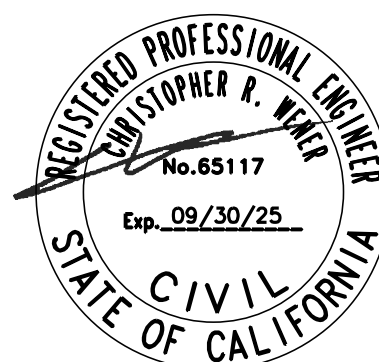
CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK

|          |                         |           |                          |
|----------|-------------------------|-----------|--------------------------|
| AB.      | ANCHOR BOLT             | GLB.      | GLUE LAMINATED           |
| ABV.     | ANCHOR                  | (GLU-LAM) | BEAM                     |
| ACCA     | ANTENNA CABLE COVER     | GPS       | GLOBAL POSITIONING       |
| ADD'L    | ASSEMBLY                |           | SYSTEM                   |
| A.F.F.   | ADDITIONAL              | GRND.     | GROUND                   |
| A.F.G.   | ABOVE FINISHED FLOOR    | HDR.      | HEADER                   |
| AGL      | ABOVE FINISHED GRADE    | HGR.      | HANGER                   |
| ALUM     | ABOVE GROUND LEVEL      | HT.       | HEIGHT                   |
| ALU      | ALUMINUM                | ICGB.     | ISOLATED COPPER          |
| ALT.     | ALTERNATE               |           | GROUND BUS               |
| AMSL     | ABOVE SEA LEVEL         | IN.(")    | INCH(ES)                 |
| AN       | ANTENNA                 | INT.      | INTERIOR                 |
| APPRX.   | APPROXIMATE(LY)         | LB.(#)    | POUND(S)                 |
| ARCH.    | ARCHITECT(URAL)         | L.B.      | LAG BOLTS                |
| AWG.     | AMERICAN WIRE GAUGE     | L.F.      | LINEAR FEET(FOOT)        |
| BLDG.    | BUILDING                | L.        | LONGITUDINAL             |
| BLK.     | BLOCK                   | MAS.      | MASONRY                  |
| BLKG     | BLOCKING                | MAX.      | MAXIMUM                  |
| B.M.     | BEAM                    | M.B.      | MACHINE BOLT             |
| B.N.     | BOUNDARY NAILING        | MECH.     | MECHANICAL               |
| BN       | BACK-UP CABINET         | MFR.      | MANUFACTURER             |
| BT CW.   | BARE TINNED COPPER WIRE | MIN.      | MINIMUM                  |
| B.O.     | BOTTOM                  | MISC.     | MISCELLANEOUS            |
| B.O.F.   | BOTTOM OF FOOTING       | MTL.      | METAL                    |
| C.       | CABINET                 | NO.(#)    | NUMBER                   |
| CANT.    | CANTILEVER(ED)          | N.T.S.    | NOT TO SCALE             |
| C.I.P.   | CAST IN PLACE           | (N)       | NEW                      |
| CLG.     | CEILING                 | O.C.      | ON CENTER                |
| CL       | CENTERLINE              | OPNG.     | OPENING                  |
| CLR.     | CLEAR                   | P/C       | PRE CAST CONCRETE        |
| COL.     | COLUMN                  | PCS       | PERSONAL COMMUNICATION   |
| CONC.    | CONCRETE                |           | SYSTEMS                  |
| CONN.    | CONNECTION(OR)          | P         | PLATE                    |
| CONST.   | CONSTRUCTION            | PLY.      | PLYWOOD                  |
| CONT.    | CONTINUOUS              | P.P.C.    | POWER PROTECTION CABINET |
| DBL      | PENNY (NAILS)           | P.R.C.    | PRIMARY FLEXING CABINET  |
| D.       | DOUBLE                  | P.S.F.    | POUNDS PER SQUARE FOOT   |
| DEPT.    | DEPARTMENT              | P.S.I.    | POUNDS PER SQUARE INCH   |
| D.F.     | DOUGLAS FIR             | P.T.      | PRESSURE TREATED         |
| DIA.     | DIAMETER                | PWR.      | POWER (CABINET)          |
| DIAG.    | DIAGONAL                | QTY.      | QUANTITY                 |
| DIM.     | DIMENSION               | RAD.(R)   | RADIUS                   |
| DWG.     | DRAWING(S)              | REF.      | REFERENCE                |
| DWL.     | DOWEL(S)                | REINF.    | REINFORCING              |
| E.A.     | EACH                    | REQ'D.    | REQUIRED                 |
| EL.      | ELEVATION               | RG.S.     | RIGID GALVANIZED STEEL   |
| ELEC.    | ELECTRICAL              | R.O.W.    | RIGHT OF WAY             |
| ELEV.    | ELEVATOR                | SCH.      | SCHEDULE                 |
| EMT.     | ELECTRICAL METALLIC     | SHT.      | SHEET                    |
|          | TUBING                  | SIM.      | SIMILAR                  |
| E.N.     | EDGE NAIL               | SPEC.     | SPECIFICATION(S)         |
| ENG.     | ENGINEER                | SQ.       | SQUARE                   |
| EQ.      | EQUAL                   | S.S.      | STAINLESS STEEL          |
| EXP.     | EXPANSION               | STD.      | STANDARD                 |
| EXST.(E) | EXISTING                | STL.      | STEEL                    |
| EXT.     | EXTERIOR                | STRUC.    | STRUCTURAL               |
| FAB.     | FABRICATION(OR)         | TEMP.     | TEMPORARY                |
| F.F.     | FINISH FLOOR            | THK.      | THICKNESS                |
| F.F.G.   | FINISH GRADE            | T.N.      | TOP OF NAIL              |
| FIN.     | FINISHED(ED)            | T.O.A.    | TOP OF ANTENNA           |
| FLR.     | FLOOR                   | T.O.C.    | TOP OF CURB              |
| FDN.     | FOUNDATION              | T.O.F.    | TOP OF FOUNDATION        |
| F.O.C.   | FACE OF CONCRETE        | T.O.P.    | TOP OF PLATE(PARAPET)    |
| F.O.M.   | FACE OF MASONRY         | T.O.S.    | TOP OF STEEL             |
| F.O.S.   | FACE OF STUD            | T.O.W.    | TOP OF WALL              |
| F.O.W.   | FACE OF WALL            | TP.       | TYPICAL                  |
| F.S.     | FINISH SURFACE          | U.G.      | UNDER GROUND             |
| FT.(I)   | FOOT(FEET)              | U.L.      | UNDERWRITES LABORATORY   |
| FTG.     | FOOTING                 | U.N.O.    | UNLESS NOTED OTHERWISE   |
| G.       | GROWTH(CABINET)         | V.I.F.    | VERIFY IN FIELD          |
| GA.      | GALVE                   | W         | WIDE(WIDTH)              |
| GH.      | GALVANIZE(D)            | WJ        | WELD                     |
| G.F.I.   | GROUND FAULT CIRCUIT    | WD.       | WOOD                     |
|          | INTERRUPTER             | W.P.      | WEATHERPROOF             |
|          |                         | WT.       | WEIGHT                   |

|  |                     |  |                               |
|--|---------------------|--|-------------------------------|
|  | SPOT ELEVATION      |  | STEEL                         |
|  | REVISION            |  | GROUT OR PLASTER              |
|  | GRID REFERENCE      |  | (E) BRICK                     |
|  | DETAIL REFERENCE    |  | (E) MASONRY                   |
|  | ELEVATION REFERENCE |  | CONCRETE                      |
|  | SECTION REFERENCE   |  | EARTH                         |
|  | MATCH LINE          |  | GRAVEL                        |
|  | WORK POINT          |  | PLYWOOD                       |
|  |                     |  | SAND                          |
|  |                     |  | CENTERLINE                    |
|  |                     |  | PROPERTY/LEASE LINE           |
|  |                     |  | GROUND CONDUCTOR              |
|  |                     |  | TELEPHONE CONDUIT             |
|  |                     |  | ELECTRICAL CONDUIT            |
|  |                     |  | ELECTRICAL & TELCO CONDUITS   |
|  |                     |  | COAXIAL CABLE                 |
|  |                     |  | OVERHEAD LINES                |
|  |                     |  | CHAIN LINK FENCING            |
|  |                     |  | WOOD FENCING                  |
|  |                     |  | OVERHEAD COMM/ OVERHEAD POWER |



|              |     |
|--------------|-----|
| DRAWN BY:    | JLV |
| CHECKED BY:  | TDL |
| APPROVED BY: | CW  |

[illegible]

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**CRAN\_RSFR\_PEBBL\_002**  
(NEAR) 1063 WRANGLERS  
TRAIL ROAD  
PEBBLE BEACH, CA 93953

## GENERAL NOTES



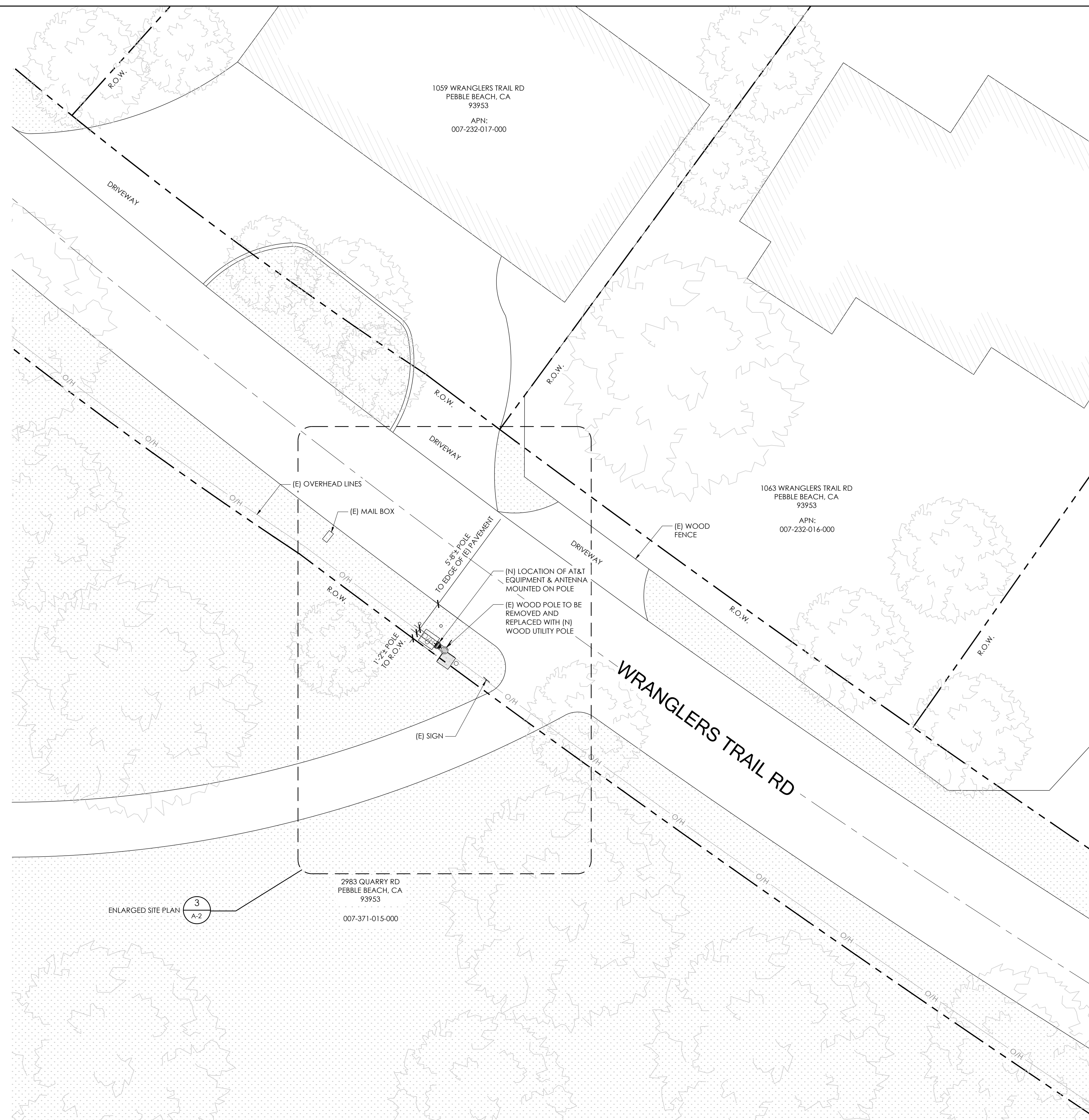


SCALE  
3/8"=1'-0"

2

1





|              |     |
|--------------|-----|
| DRAWN BY:    | JLV |
| CHECKED BY:  | TDL |
| APPROVED BY: | CW  |

[illegible]

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**CRAN\_RSFR\_PEBBL\_002**  
(NEAR) 1063 WRANGLERS  
TRAIL ROAD  
PEBBLE BEACH, CA 93953

## SITE PLAN

A-1







2

























- (N) CANISTER ANTENNA

T.O. (P) ANTENNA CANISTER  
40'-5" AGL

RAD CENTER OF (P) ANTENNA  
39'-5" AGL

B.O. (P) ANTENNA CANISTER  
38'-5" AGL

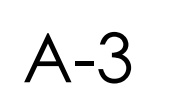
T.O. (N) WOOD POLE  
37'-6" AGL

|                              |                 |   |
|------------------------------|-----------------|---|
| POWER COMPANY OPEN SECONDARY | 27'-2" A.G.L.   |  |
|                              | DOWN GUY        |  |
|                              | 26'-8" A.G.L.   |  |
|                              | DOWN GUY        |  |
|                              | 26'-6" A.G.L.   |  |
| POWER COMPANY OPEN SECONDARY | 25'-3" A.G.L.   |  |
| PG&E SERVICE DROP            | 23'-3" A.G.L.   |  |
|                              | CATV COM        |  |
|                              | 21'-5" A.G.L.   |  |
|                              | COM DROP        |  |
|                              | 20'-10" A.G.L.  |  |
|                              | FIBER OPTIC COM |  |
|                              | 20'-7" A.G.L.   |  |
|                              | DOWN GUY        |  |
|                              | 26'-6" A.G.L.   |  |
| RELOCATED TELCO COM          | 20'-0" A.G.L.   |  |
|                              | T.O. (N) RADIO  |  |
|                              | 18'-0" AGL      |  |
|                              | B.O. (N) RADIO  |  |
|                              | 16'-4" AGL      |  |
|                              | T.O. (N) RADIO  |  |
|                              | 15'-0" AGL      |  |
|                              | B.O. (N) RADIO  |  |
|                              | 13'-3" AGL      |  |

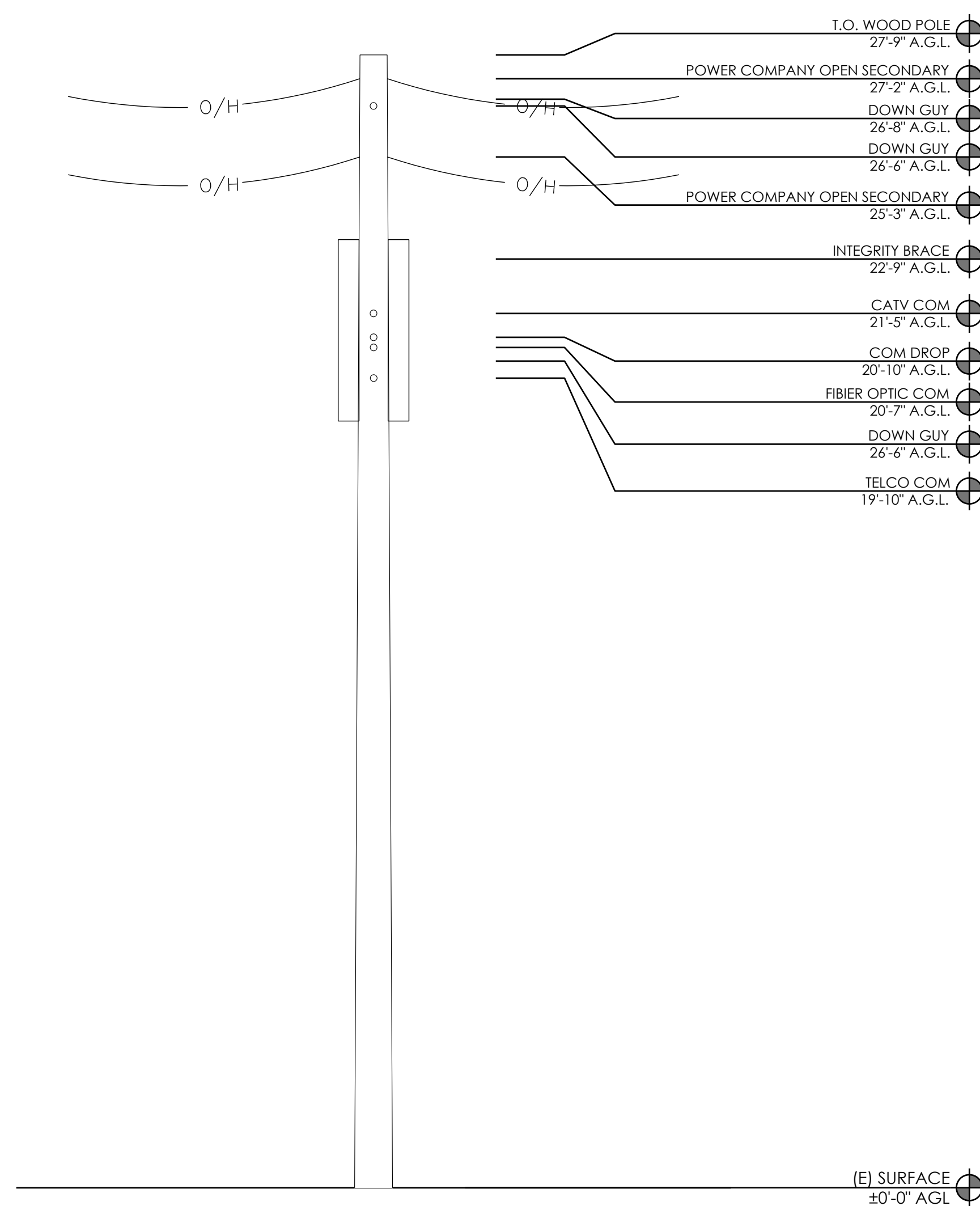
T.O. DISCONNECT/METER  
8'-9" AGL

B.O. DISCONNECT/METER  
7'-0" AGL

1

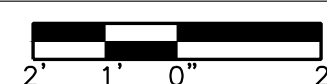






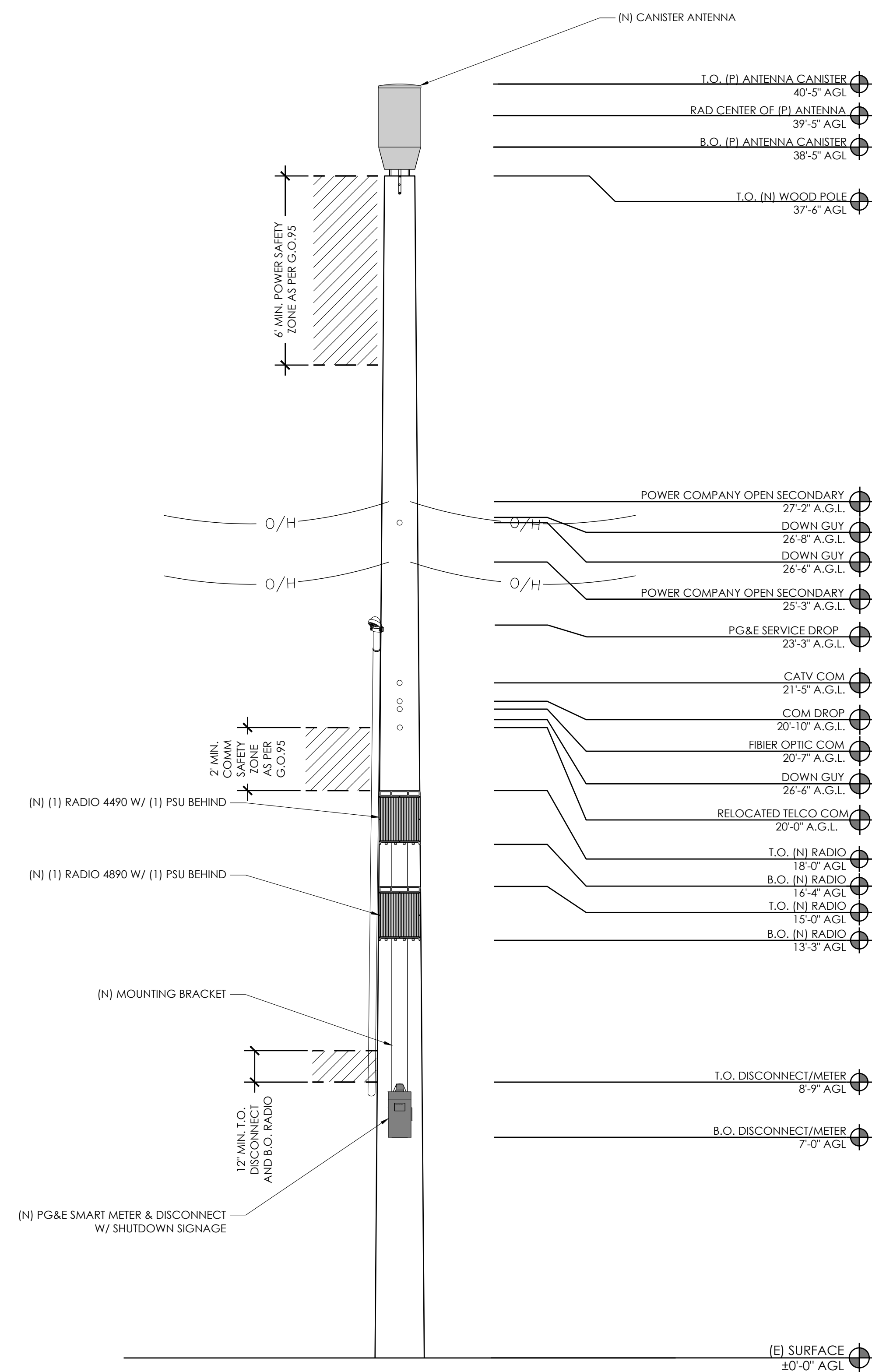
EXISTING FRONT ELEVATION

24"x36" SCALE: 3/8" = 1'-0"  
11"x17" SCALE: 3/16" = 1'-0"



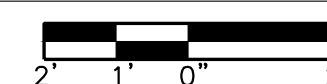
2

- |        |   |
|--------|---|
| NOTES: |   |
| 1.     | ALL EQUIPMENT SHALL BE PLACED (VERTICALLY) AS CLOSE AS ALLOWED BY POLE OWNER, WHILE MAINTAINING MINIMUM CLEARANCE REQUIREMENTS.     |
| 2.     | MAINTAIN 12" MIN. CLEARANCE TO GUY WIRE FROM PROPOSED EQUIPMENT.  |
| 3.     | MAINTAIN 4" MIN. OFFSET BETWEEN THE MOUNTING BRACKET FLANGE AND THE POLE  |
| 4.     | ALL ANTENNAS, BRACKETS, CABLEING, CONDUIT, AND OTHER EQUIPMENT WILL BE PAINTED NON-GLOSSY SABLE BY SHERWIN WILLIAMS (OR EQUIVALENT) |
| 5.     | CABLEING TO BE INSTALLED IN A TIGHT NEAT MANNER WITHOUT EXCESS CABLE LOOPS  |



## PROPOSED FRONT ELEVATION

24"x36" SCALE: 3/8" = 1'-0"  
11"x17" SCALE: 3/16" = 1'-0"



1



AT&T  
5005 EXECUTIVE PARKWAY  
SAN RAMON, CA  
94583



1355 WINDWARD CONCOURSE,  
SUITES 410  
ALPHARETTA, GA  
30005

|              |     |
|--------------|-----|
| DRAWN BY:    | JLV |
| CHECKED BY:  | TDL |
| APPROVED BY: | CW  |

[illegible]

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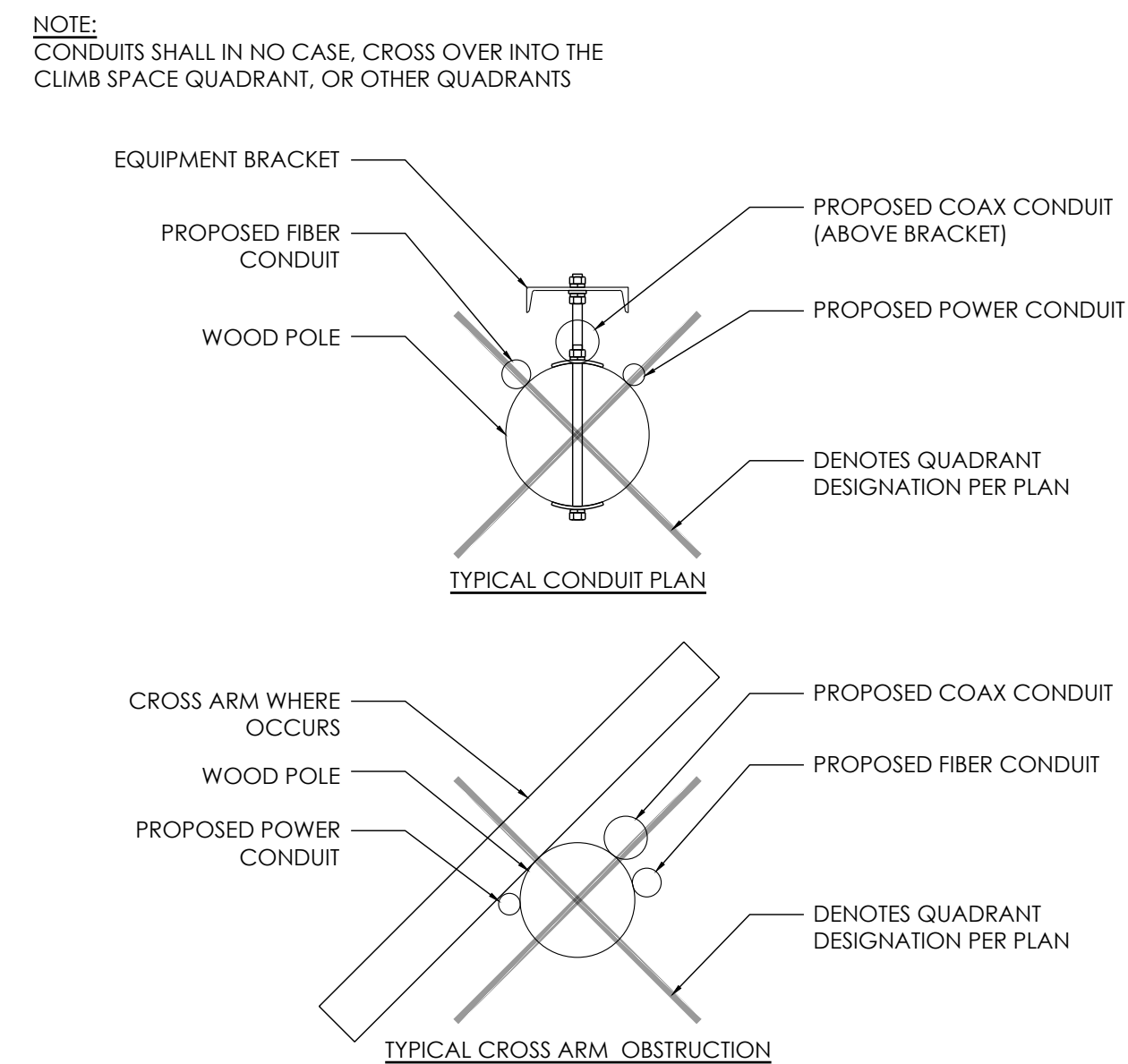
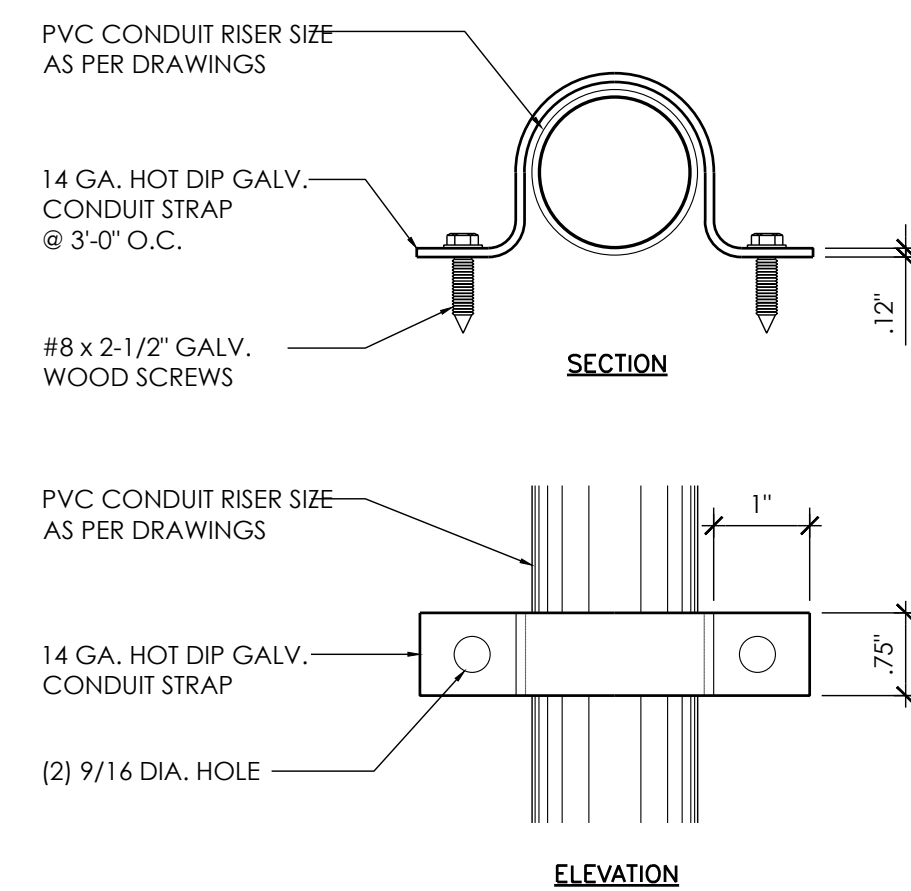
**CRAN\_RSFR\_PEBBL\_002**  
(NEAR) 1063 WRANGLERS  
TRAIL ROAD  
PEBBLE BEACH, CA 93953

## ELEVATIONS

A-4







ERICSSON PSU AC 08

DIMENSIONS: 2.72" TALL x 10.79" WIDE x 7.09" DEEP

WEIGHT: 11.46 lbs

THE PSU IS REQUIRED TO OPERATE THE RADIO ON AC. IF THE RADIO IS INSTALLED OUTDOORS, THE ACCU IS ALSO REQUIRED, OTHERWISE THE ACCU IS OPTIONAL. THE EQUIPMENT FOR AC POWER SUPPLY IS SHOWN FIGURE 1

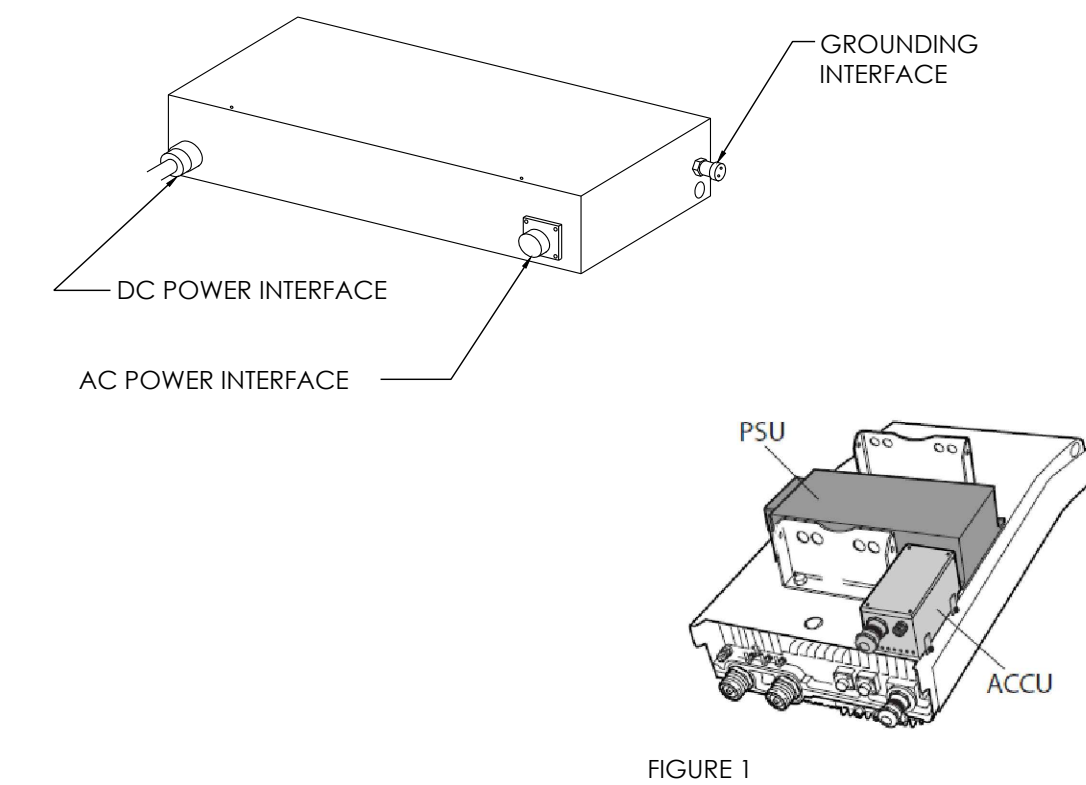


FIGURE 1



AT&T  
5005 EXECUTIVE PARKWAY  
SAN RAMON, CA  
94583



1355 WINDWARD CONCOURSE,  
SUITES 410  
ALPHARETTA, GA  
30005

|              |     |
|--------------|-----|
| DRAWN BY:    | JLV |
| CHECKED BY:  | TDL |
| APPROVED BY: | CW  |

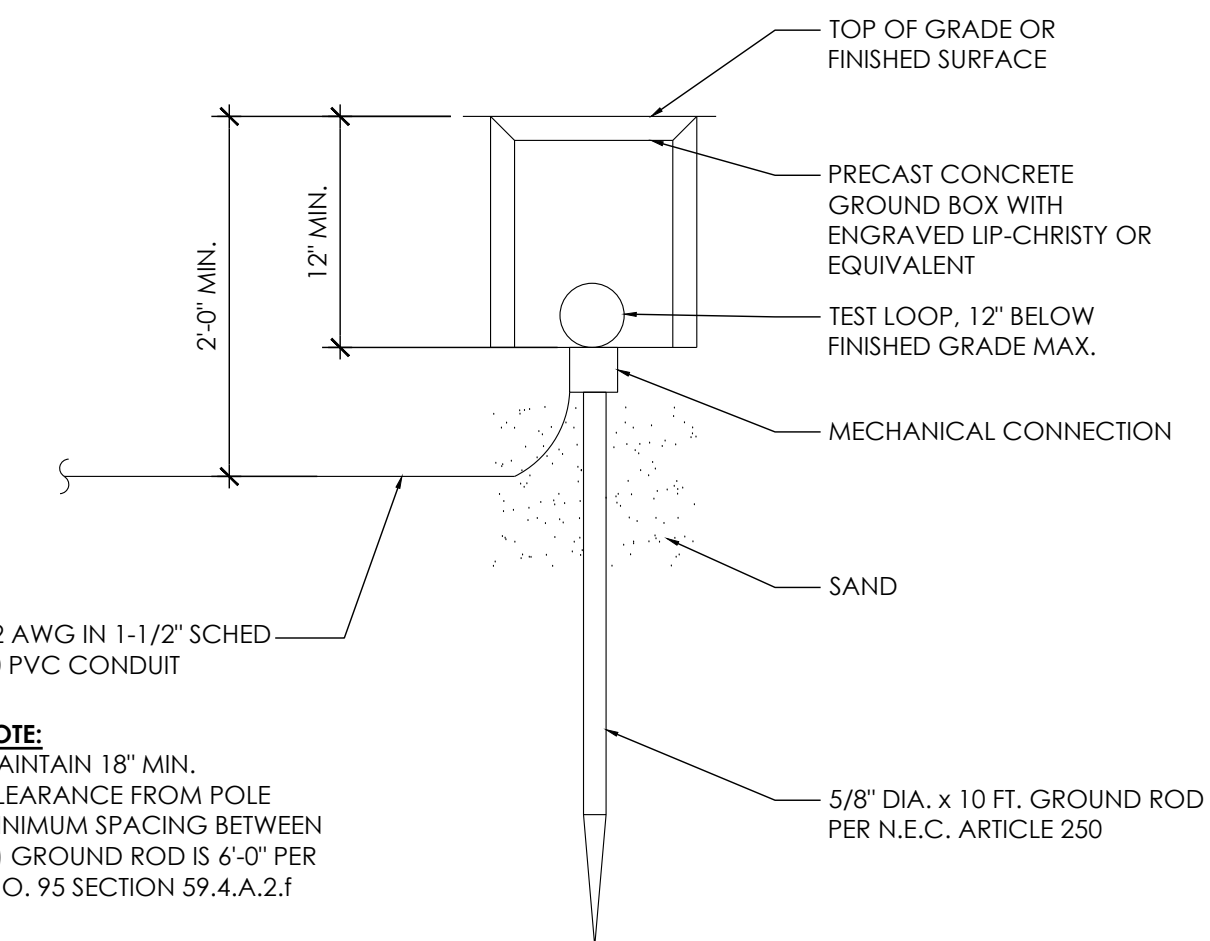
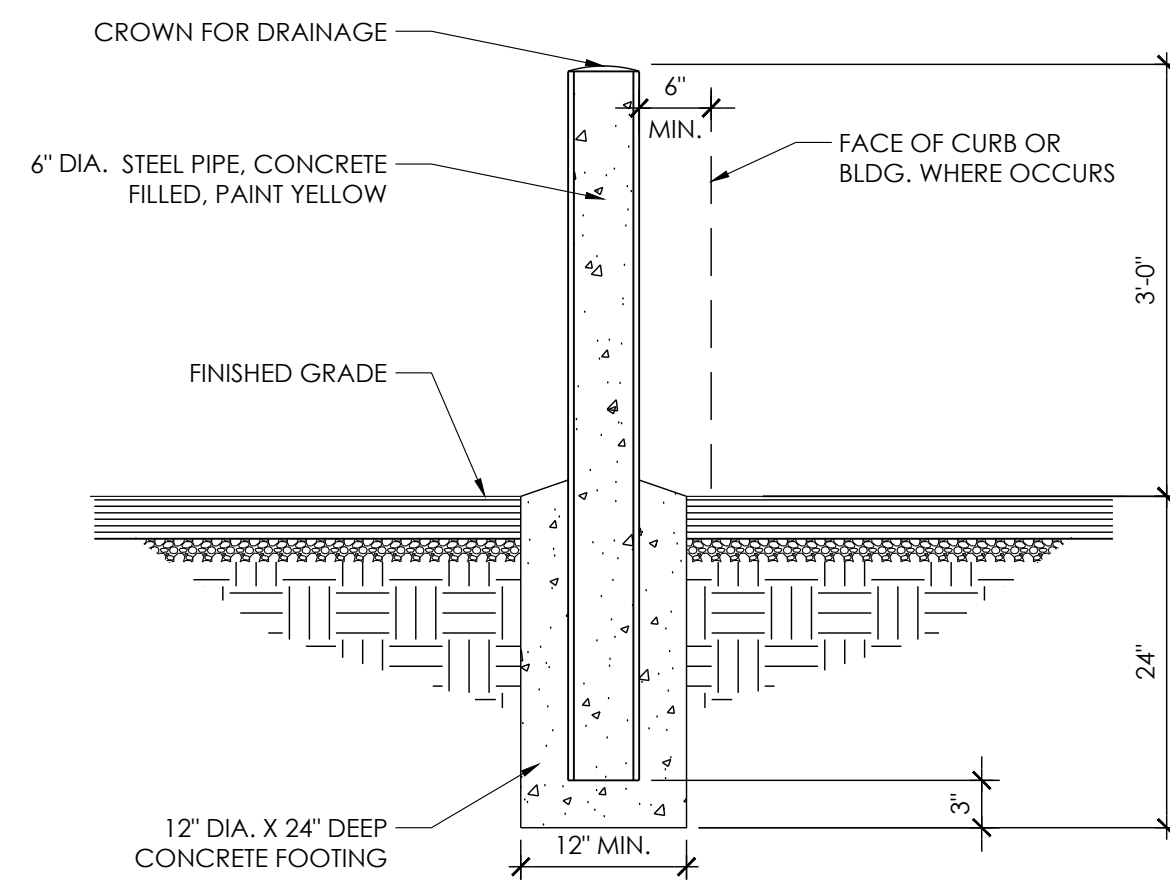
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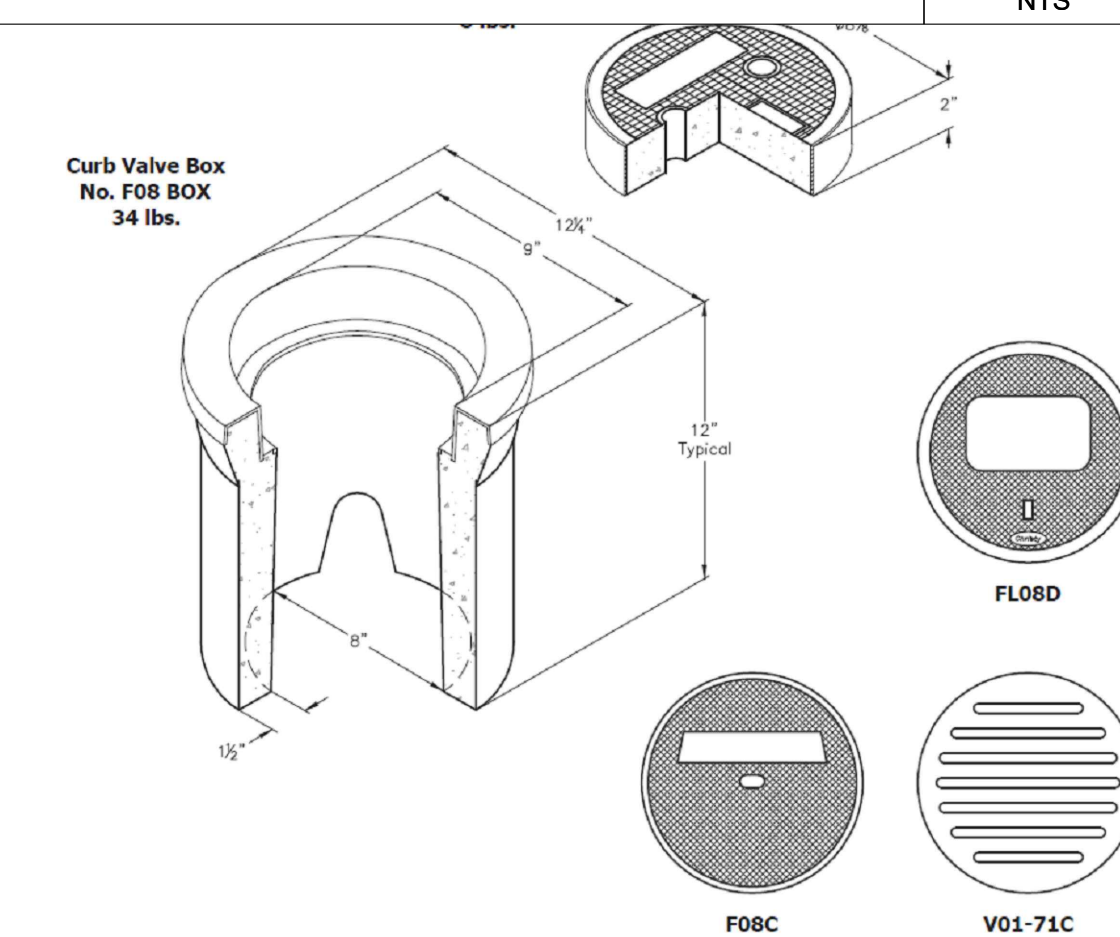
**CRAN\_RSFR\_PEBBL\_002**  
(NEAR) 1063 WRANGLERS  
TRAIL ROAD  
PEBBLE BEACH, CA 93953

## DETAILS

D-2



**NOTE:**  
MAINTAIN 18" MIN.  
CLEARANCE FROM POLE  
MINIMUM SPACING BETWEEN  
(2) GROUND ROD IS 6'-0" PER  
G.O. 95 SECTION 59.4.A.2.f



Curb Valve Box  
No. F08 BOX  
34 lbs.

**FLO8**

F08C

**V01-7:**

SCA

NT

[illegible]

NOT USED

|    |                 |
|----|-----------------|
| 12 | CONDUIT BRACKET |
|----|-----------------|

|   |                           |
|---|---------------------------|
| 9 | TYP CROSS ARM OBSTRUCTION |
|---|---------------------------|

|   |     |
|---|-----|
| 6 | PSU |
|---|-----|

SCALE

NTS

3

NOT USED

|    |         |
|----|---------|
| 11 | BOLLARD |
|----|---------|

|   |          |
|---|----------|
| 8 | NOT USED |
|---|----------|

|   |            |
|---|------------|
| 5 | GROUND ROD |
|---|------------|

|       |
|-------|
| SCALE |
| NTS   |

2

NOT USED

|    |          |
|----|----------|
| 10 | NOT USED |
|----|----------|

|   |          |
|---|----------|
| 7 | NOT USED |
|---|----------|

|   |                      |
|---|----------------------|
| 4 | GROUND ROD ENCLOSURE |
|---|----------------------|

|       |
|-------|
| SCALE |
| NTS   |

1



## 1. GENERAL REQUIREMENTS

- ## 2. EQUIPMENT LOCATION

- ### 3. TESTS

- #### 4. PERMITS

- ## 5. GROUNDING

- ## 6. UTILITY SERVICE

- ## 7. PRODUCTS

- ## 8. INSTALLATION

- ## 9. PROJECT CLOSEOUT

- E-1

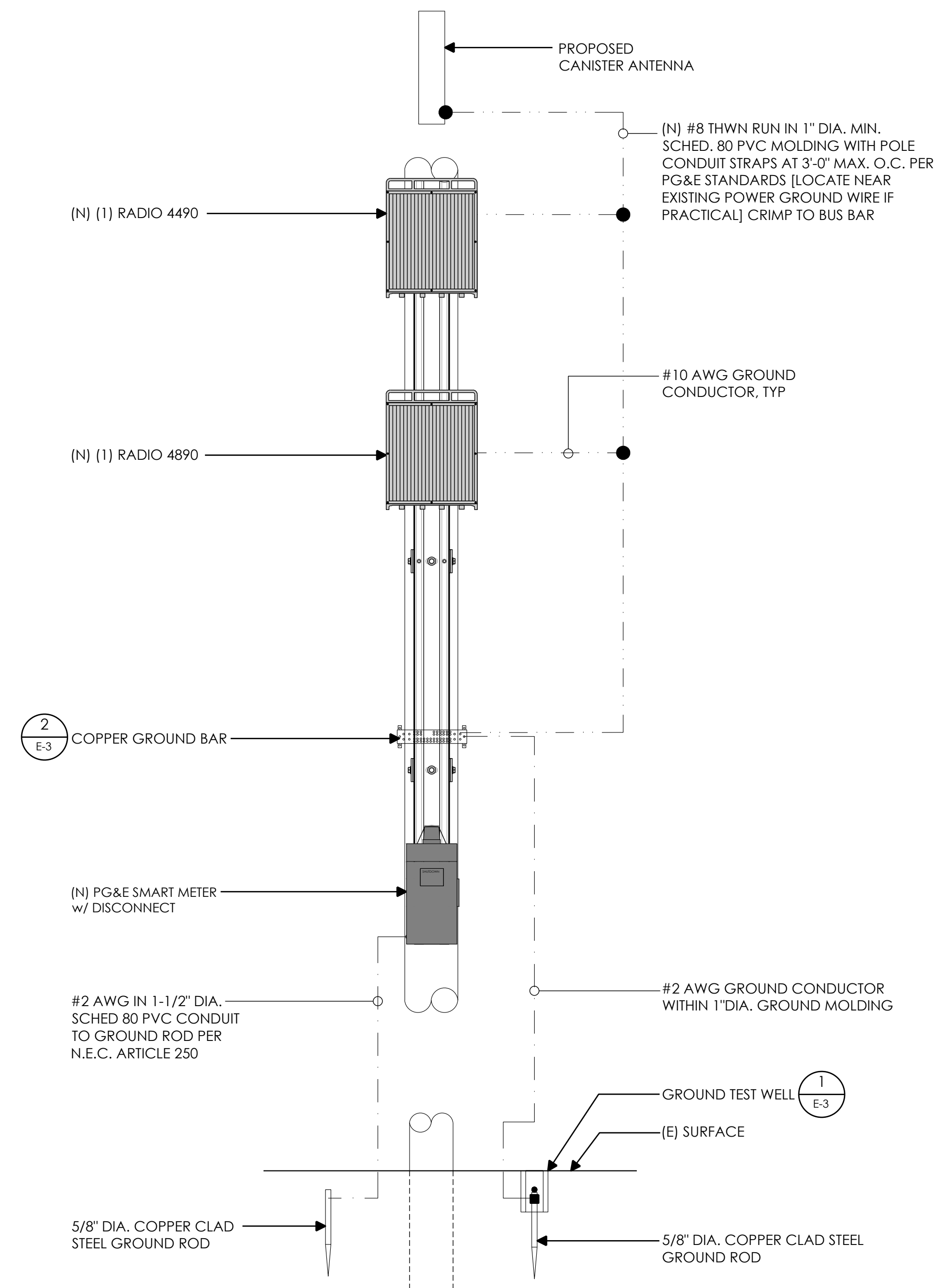


1. GROUND ROD: UL LISTED COPPER CLAD STEEL, MINIMUM 5/8" DIAMETER x 10'-0" LONG. ALL GROUND RODS MAY BE INSTALLED WITH INSPECTION SLEEVES. GROUND RODS SHALL BE DRIVEN TO THE DEPTH OF GROUND CONDUCTOR.

3. EXTERIOR UNIT BONDS: METALLIC OBJECTS SHALL BE BONDED TO THE EXTERIOR GROUND ROD.

5. OUTDOOR EQUIPMENT SHALL BE RATED NEMA 3R AND/OR UL LISTED FOR WET ENVIRONMENT.

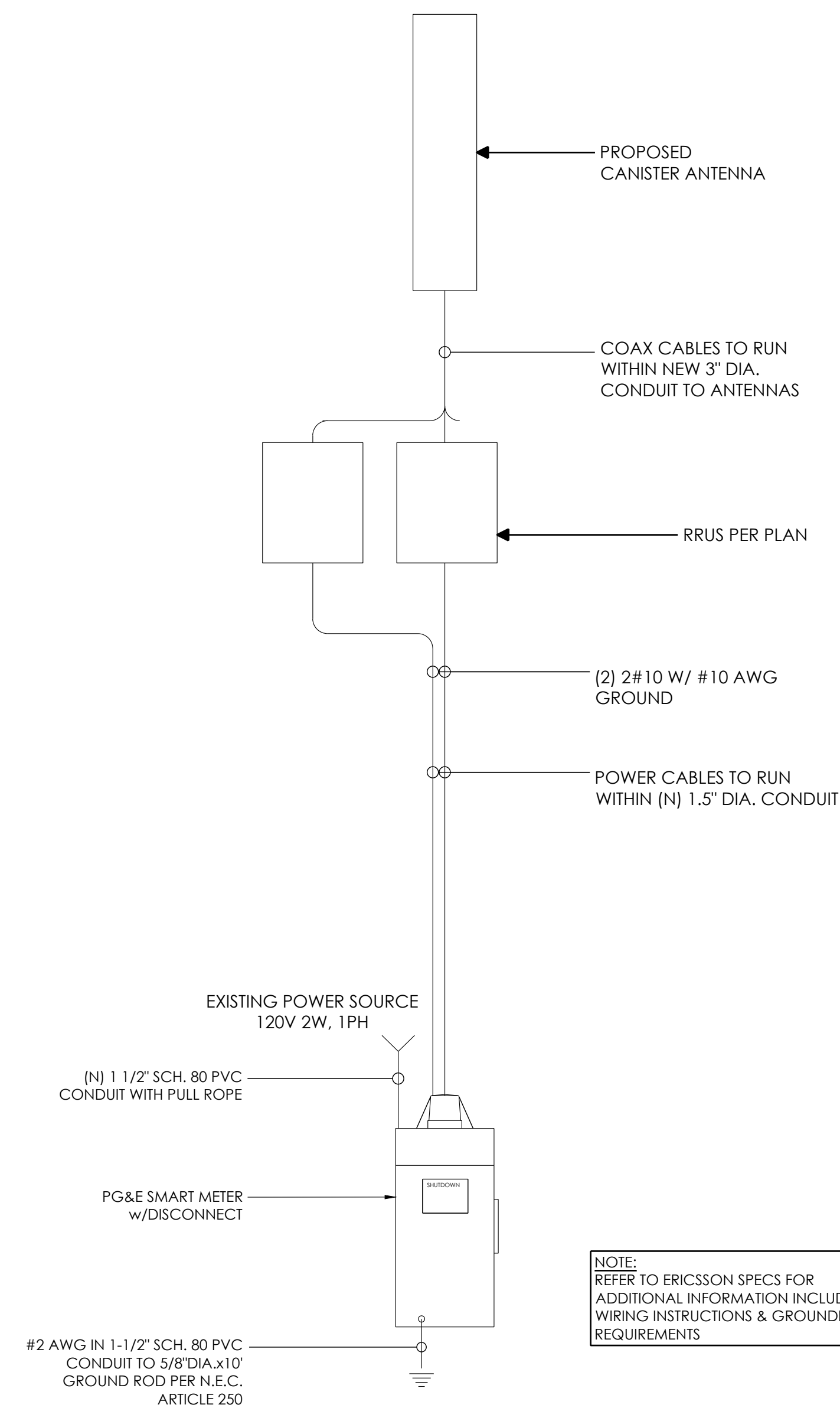
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING THE GROUNDING SYSTEM AND ENSURING A 5 OHM OR LESS GROUNDING PATH. ADDITIONAL GROUND RODS AND/OR CHEMICAL ROD SYSTEM SHALL BE USED TO ACHIEVE THIS REQUIREMENT IF THE GIVEN DESIGN CANNOT BE MADE TO ACHIEVE THIS REQUIREMENT.



## GROUNDING SCHEMATIC

|   |
|---|
| 2 |
|---|

## ONE-LINE DIAGRAM



**NOTE:**  
REFER TO ERICSSON SPECS FOR  
ADDITIONAL INFORMATION INCLUDING  
WIRING INSTRUCTIONS & GROUNDING  
REQUIREMENTS



AT&T  
5005 EXECUTIVE PARKWAY  
SAN RAMON, CA  
94583



1355 WINDWARD CONCOURSE,  
SUITES 410  
ALPHARETTA, GA  
30005

|              |     |
|--------------|-----|
| DRAWN BY:    | JLV |
| CHECKED BY:  | TDL |
| APPROVED BY: | CW  |

[illegible]

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

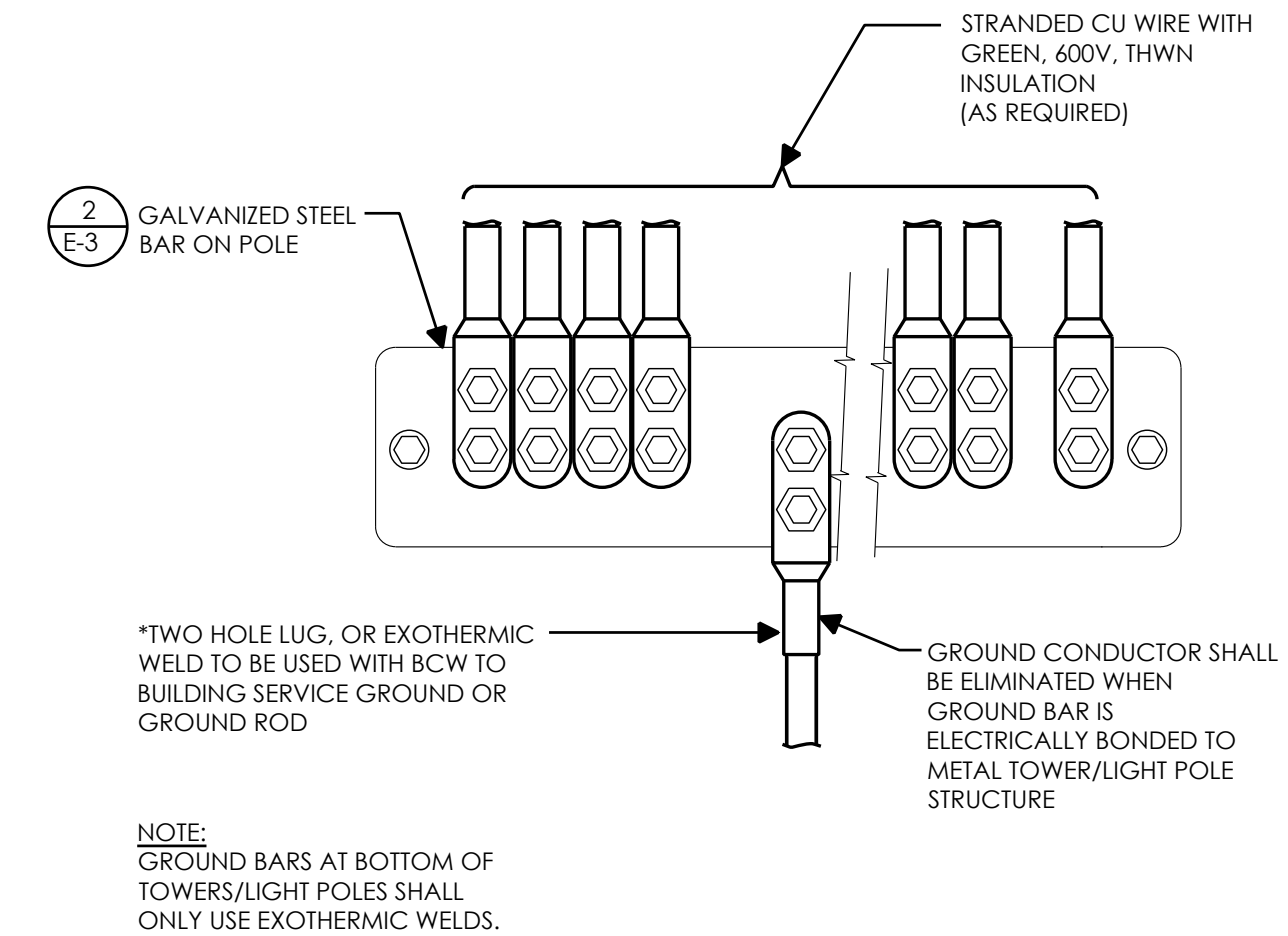
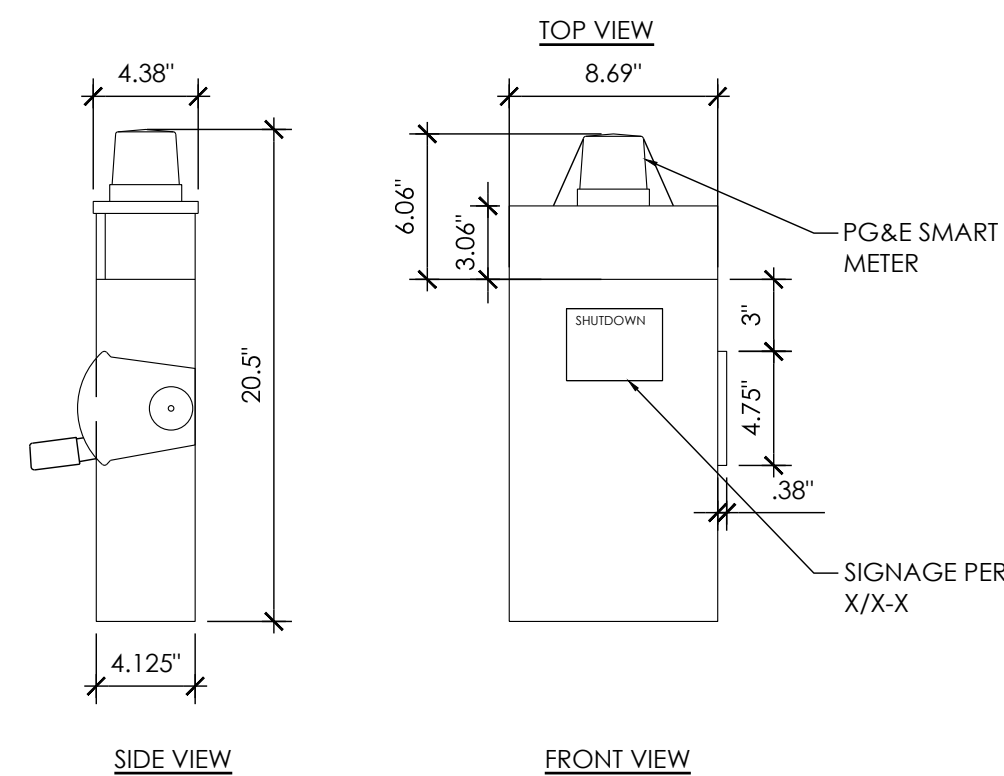
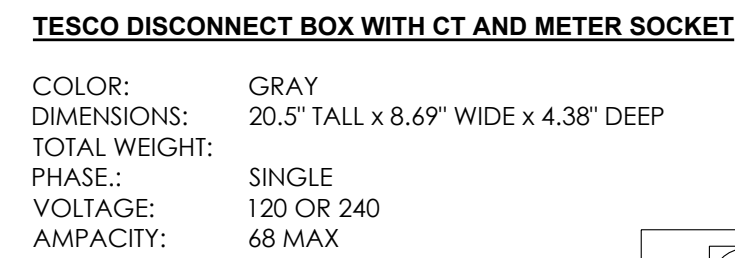
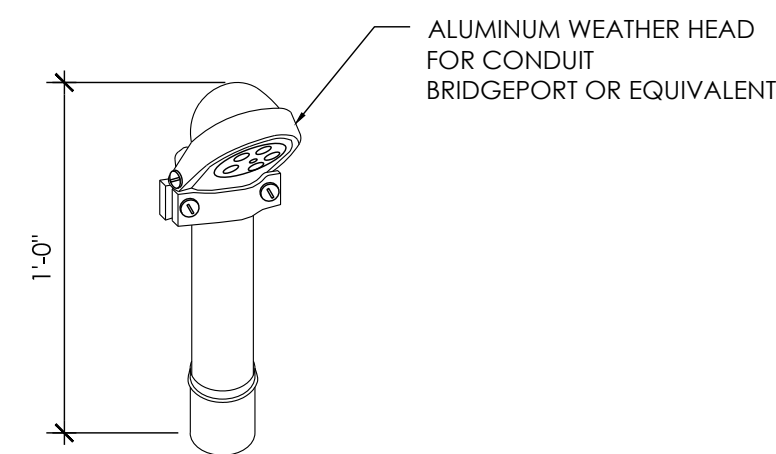
**CRAN\_RSFR\_PEBBL\_002**  
(NEAR) 1063 WRANGLERS  
TRAIL ROAD  
PEBBLE BEACH, CA 93953

### ONE-LINE DIAGRAM & GROUNDING SCHEMATIC

E-2

|   |
|---|
| 1 |
|---|





AT&T  
5005 EXECUTIVE PARKWAY  
SAN RAMON, CA  
94583



1355 WINDWARD CONCOURSE,  
SUITES 410  
ALPHARETTA, GA  
30005

|              |     |
|--------------|-----|
| DRAWN BY:    | JLV |
| CHECKED BY:  | TDL |
| APPROVED BY: | CW  |

[illegible]

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

**CRAN\_RSFR\_PEBBL\_002**  
(NEAR) 1063 WRANGLERS  
TRAIL ROAD  
PEBBLE BEACH, CA 93953

ELECTRICAL DETAILS

E-3

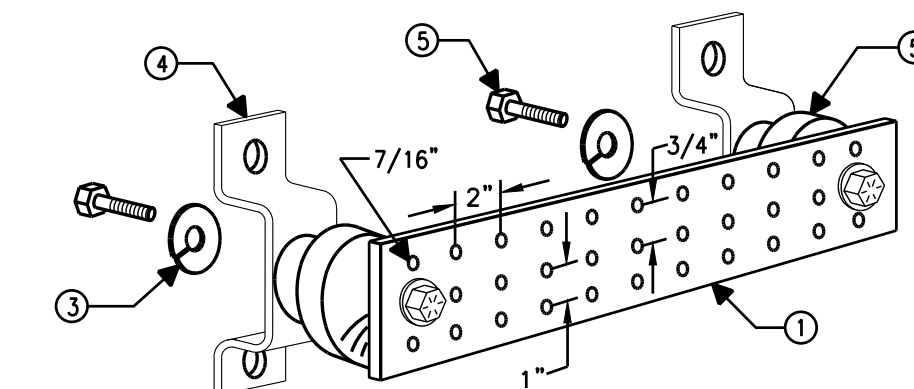
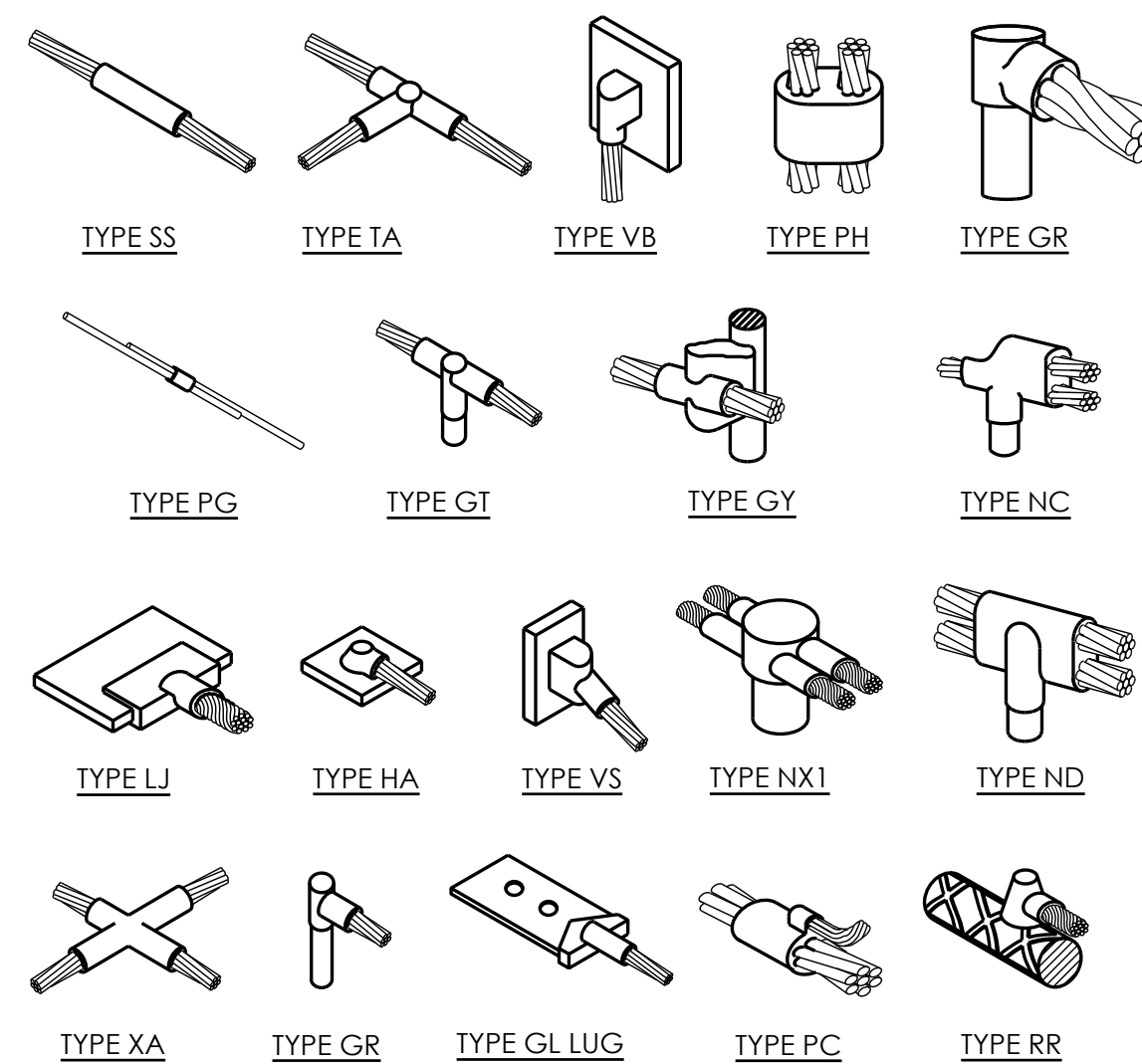
NOT USED

|    |             |
|----|-------------|
| 12 | WEATHERHEAD |
|----|-------------|

|   |            |
|---|------------|
| 9 | DISCONNECT |
|---|------------|

|   |                    |
|---|--------------------|
| 6 | GROUND WIRE TO BAR |
|---|--------------------|

3



NOTES:

1. COPPER GROUND BAR, HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION. (ACTUAL GROUND BAR SIZE WILL VARY BASED ON NUMBER OF GROUND CONNECTIONS)
2. INSULATORS, NEWTON INSTRUMENT CAT. NO. 3061-4 OR APPROVED EQUAL
3. 5/8" LOCK WASHERS, NEWTON INSTRUMENT CO., CAT. NO. 3015-8 OR APPROVED EQUAL
4. WALL MOUNTING BRACKET, NEWTON INSTRUMENT CO., CAT NO. A-6056 OR APPROVED EQUAL
5. 5/8-11 X 1" HHCS BOLTS, NEWTON INSTRUMENT CO., CAT NO. 3012-1 OR APPROVED EQUAL
6. INSULATORS SHALL BE ELIMINATED WHEN BONDING DIRECTLY TO TOWER/MONOPINE STRUCTURE. CONNECTION TO TOWER/MONOPINE STRUCTURE SHALL BE PER MANUFACTURERS RECOMMENDATIONS.
7. VALMONT TINMG212U-K (OR EQUIVALENT) 1/4"x2"x12"

NOT USED

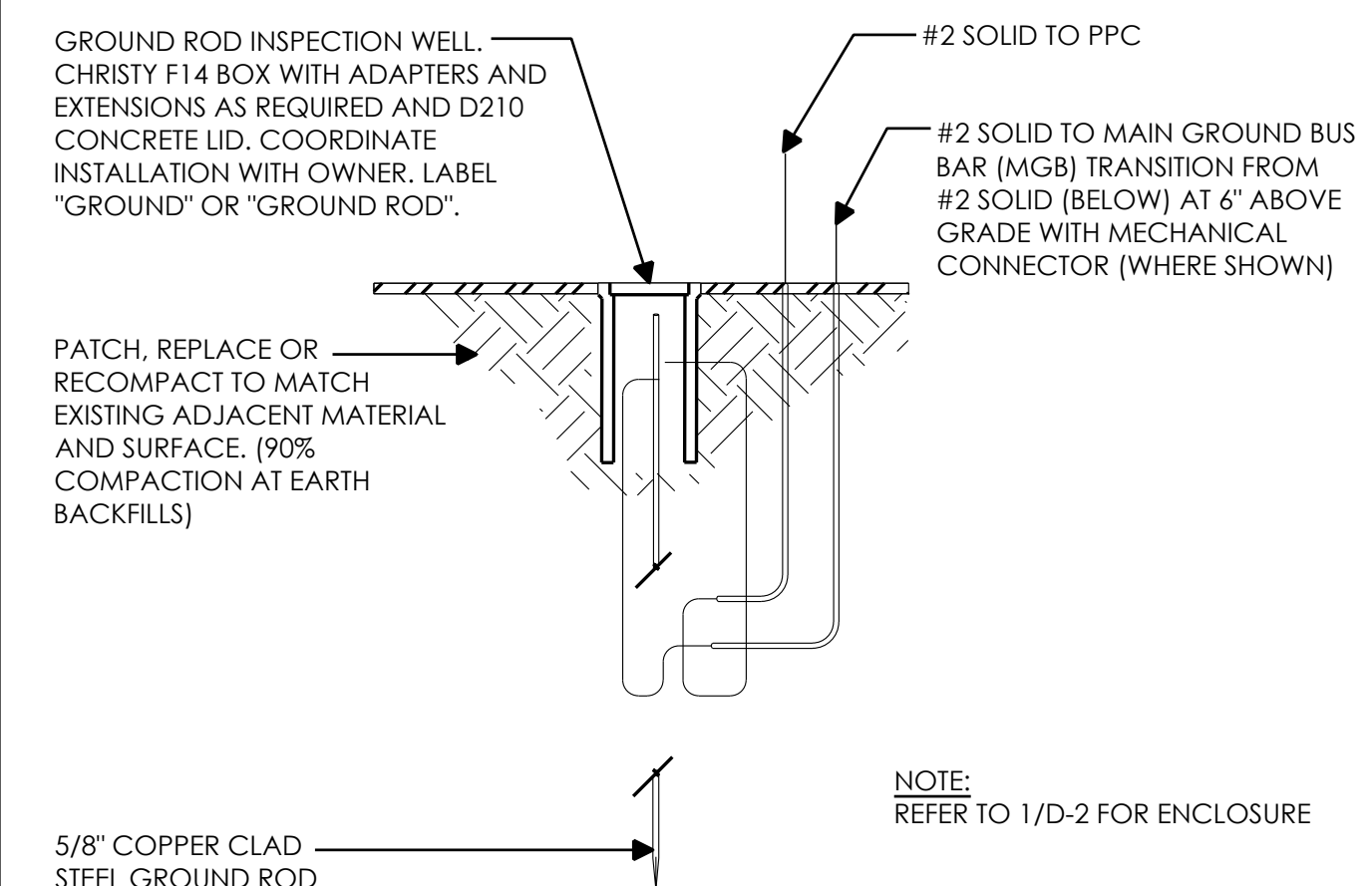
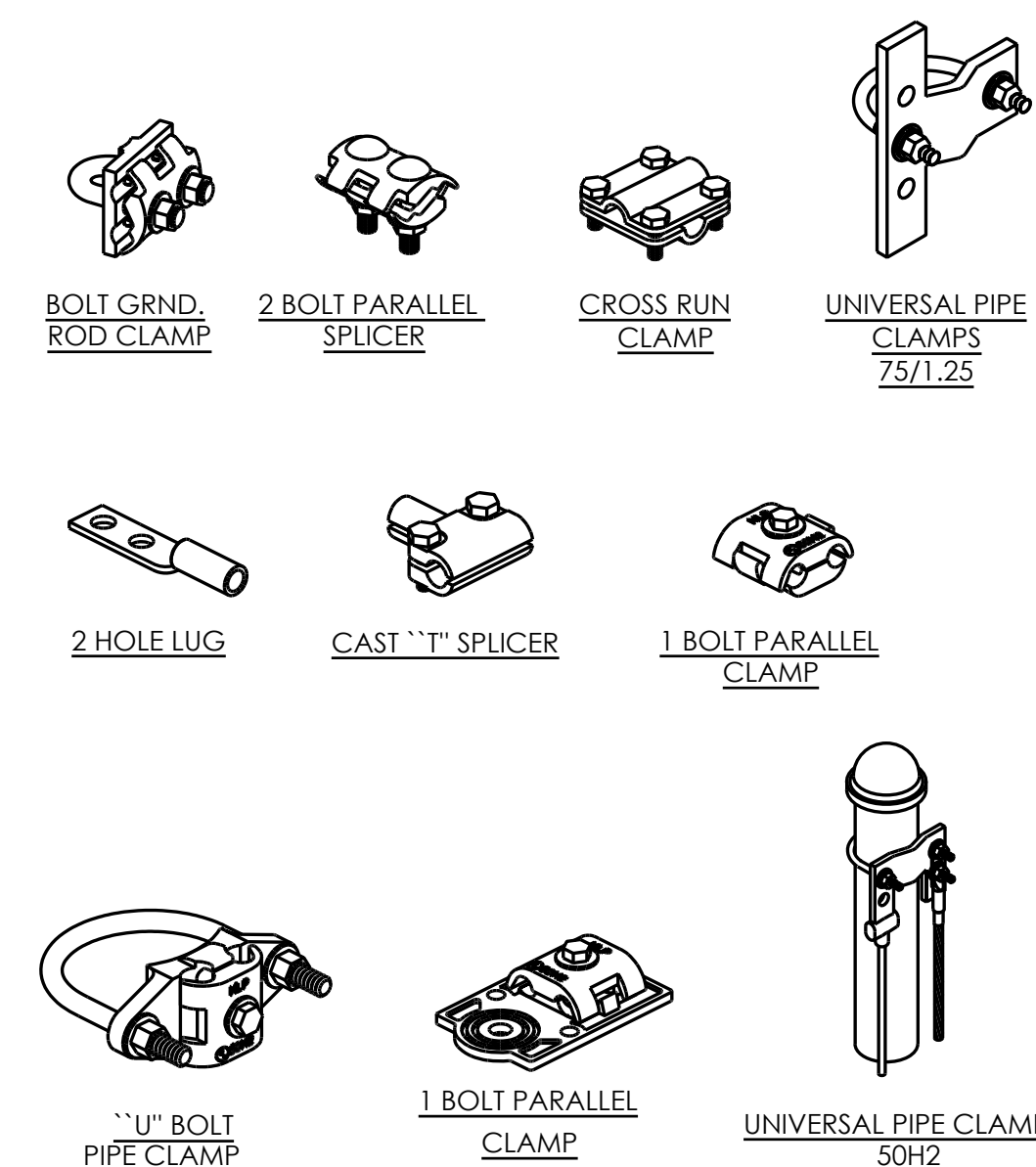
|    |          |
|----|----------|
| 11 | NOT USED |
|----|----------|

|   |                            |
|---|----------------------------|
| 8 | EXOTHERMIC WELD CONNECTION |
|---|----------------------------|

|   |            |
|---|------------|
| 5 | GROUND BAR |
|---|------------|

2

| <b><u>Electrical Load Calculations @ 120V</u></b> |                |                |             |
|---|----------------|----------------|-------------|
| <b>Radio</b>                                      | <b>Wattage</b> | <b>1.25*VA</b> | <b>Amps</b> |
| 4490  | 480            | 600.0          | 5.0         |
| 4890  | 480            | 600.0          | 5.0         |
|   |                | 0.0            | 0.0         |
|   |                | 0.0            | 0.0         |
|   |                | 0.0            | 0.0         |
| <b>Totals</b>                                     |                | 1200.0         | 10.0        |
| <b>Disconnect / Meter: 68 Amps</b>                |                |                |             |
| <b>Total Load: 14.7%</b>                          |                |                |             |



NOT USED

|    |                              |
|----|------------------------------|
| 10 | ELECTRICAL LOAD CALCULATIONS |
|----|------------------------------|

|   |                       |
|---|-----------------------|
| 7 | MECHANICAL CONNECTION |
|---|-----------------------|

|   |                  |
|---|------------------|
| 4 | GROUND TEST WELL |
|---|------------------|

1



