

HISTORIC AND DESIGN REVIEW COMMISSION

March 3, 2021

HDRC CASE NO: 2020-196
ADDRESS: ROW near 955 S ALAMO ST
LEGAL DESCRIPTION: NCB 741 BLK 4 LOT SE 111 FT OF 21
ZONING: C-2, H
CITY COUNCIL DIST.: 1
DISTRICT: King William Historic District
LANDMARK: A & E Food Market
APPLICANT: Kevin Bowyer/Modus LLC
OWNER: City of San Antonio
TYPE OF WORK: Installation of a new network wood pole
APPLICATION RECEIVED: April 14, 2020
60-DAY REVIEW: Not applicable due to City Council Emergency Orders
CASE MANAGER: Huy Pham

REQUEST:

The applicant is requesting a Certificate of Appropriateness for approval to install a new wood pole to feature network node equipment, including trenching for electrical power.

APPLICABLE CITATIONS:

Historic Design Guidelines

6. Non-Residential and Mixed Use Streetscapes

A. STREET FURNITURE

- i. *Historic street furniture*—Preserve historic site furnishings, including benches, lighting, tree grates, and other features.
- ii. *New furniture*—Use street furniture such as benches, trash receptors, tree grates, and tables that are simple in design and are compatible with the style and scale of adjacent buildings and outdoor spaces when historic furnishings do not exist.

UDC Sec. 37 - Appendix A. - Right-of-way Network Node Design Manual

b. Design District Aesthetic Requirements.

In addition to the design requirements in Division III of this Manual, the following aesthetic requirements shall apply in Design Districts:

1. New node support poles in districts designated as Design Districts in this Manual shall be placed within ten feet of interior lot lines.
2. In no event shall new node support poles be placed in front of the front façade of primary structures on any property designated as Historic or within fifteen hundred (1500) feet of the brass monument viewshed marker in front of a structure designated by the United Nations as a UNESCO World Heritage site.
3. Network nodes, node support poles, and related equipment shall require camouflage or concealment measures to mitigate the impact or improve the aesthetics of the installation, as determined by the Historic Preservation Officer based on the unique circumstances of the design district or impacted property.
 - A. New network nodes mounted to existing poles shall be low profile and flush mounted to the greatest extent feasible. Network nodes must be painted to match the support pole or structure on which they are mounted.
 - B. The installation of new node support poles is discouraged in Historic Districts, Downtown "D", River Improvement Overlay Districts, Viewshed Protection and Mission Protection Overlay Districts. The Historic Preservation Officer may require concealment of the support pole in the form of aesthetically appropriate street lamps, site elements, district signage, or other stealth methods. The color of any new support pole or concealment solution shall be determined by the Historic Preservation Officer based on site specific conditions.
 - i. New node support poles must generally be located at commercial corners and intersections.
 - ii. New node support poles must be separated from other node support poles or existing poles by a distance of 250 feet.
 - iii. Where a separation requirement cannot be met, network nodes are preferred to be mounted to existing

poles or installed with a stealth method.

- iv. The height of new node support poles should not exceed the established predominant height of other poles and historic site elements located within 500 feet of the proposed installation.
- v. New node support poles must be painted and not exceed 8" in diameter at the widest portion of the pole.

- C. Ground-mounted equipment must be integrated into the overall design of an installation, camouflaged or concealed based on site specific conditions, and positioned to mitigate visual or physical obstructions to nearby historic features as recommended by the Historic Preservation Officer.

c. Decorative Poles.

In accordance with Chapter 284, installation or attachment of wireless communications equipment, including antennas, network nodes, transport facilities, and related equipment is prohibited on all decorative streetlight poles in Design Districts.

(Ord. No. 2017-08-31-0609, § 1, 8-31-17)

FINDINGS:

- a. PURVIEW - The applicant has proposed to install a new wood pole featuring network node equipment on the right-of-way on the north side of the 300 block of Beauregard , between cross streets Madison to the Northwest and S Alamo to the Southeast, closest to the property at 955 S Alamo. The proposed pole is located within the King William Historic District and is surrounded by individual historic landmarks in each direction. Per the Unified Development Code Sec. 37, the network node must be in compliance with Appendix A. Right-of-way network node design manual: Division IV. General Aesthetic Requirements and Division V. Additional Aesthetic Requirements in Design Districts – in addition to the Historic Design Guidelines for Site Elements.
- b. PROJECT DESCRIPTION – The applicant has provided the following project description: “Permit # 355719. XY coordinates are 29.414028, -98.490972. The project site is located at the north side of Beauregard St and S Alamo St intersection. Currently, there is no structure existing at this location; this will be a brand new wood pole. Verizon Wireless proposes to install new wireless radios/antennas on this brand new structure. The scope will consist of the following: install antenna & associated equipment boxes, cabling, the spacing of support elements, and signage. It will also include approximately 55' trench/bore to an existing CPS utility pole to the northwest along Beauregard St for power connection. Based on previous communication with OHP, we are proposing to stealth the antenna equipment as shown in the photo sims.”
- c. LOCATION - The applicant has proposed to install a new wood pole featuring network node equipment on the right-of-way on the north side of the 300 block of Beauregard , between cross streets Madison to the Northwest and S Alamo to the Southeast, closest to the property at 955 S Alamo, at the approximate coordinates (29.414028, -98.490972). The proposed location is at commercial corner, adjacent to Tito’s Mexican Restaurant and across the street from Madhatter’s Tea House & Café and a corner-facing storefront building. Per the Design Manual 3.B.i., new poles must be generally located at commercial corners and intersections. While the proposed pole location does not bisect the view of a historic structure, staff finds that it still bisects a business property and is not punctuated at the commercial intersection or in-between building facades.
- d. SEPARATION – The applicant has proposed to install the new pole within the immediate block as multiple existing utility poles. Per the Design Manual 3.B.ii., new poles must be separated from existing poles by 250 feet. Staff finds that the proposed location is not separated by more than 250 feet.
- e. COLLOCATION – Per the Design Manual 3.B.iii, where a separation requirement cannot be met, new nodes are preferred to be mounted to existing poles or installed with a stealth method. Staff finds that a collocation on existing poles should be explored prior to consideration of a new stealth pole. A letter from the owner-operator of the existing nearby poles and/or an engineer’s letter noting the feasibility of collocation will suffice as a supporting document for this finding.
- f. HEIGHT – The applicant has proposed to install a wood pole including node equipment featuring a total of thirty feet (31’) from grade. Per the Design Manual 3.B.iv., the height of new node support poles should not exceed the established predominant height of other poles and historic site elements located within 500 feet of the proposed installation. Staff finds that the proposed height is subordinate to existing poles within proximity.
- g. DIAMETER – The applicant has proposed to install a pole that is twelve inches (12”) in diameter excluding the meter boxes at the pedestrian level and the antenna cabinets at the top. Per the Design Manual 3.B.v., new poles should not exceed 8 inches (8”) in diameter at the widest portion of the pole. Staff finds that the proposed pole

diameter is wider than the diameter allowed by the design manual.

- h. DESIGN – The applicant has proposed to install a wood pole that features three (3) service cabinets at pedestrian height (fiber demarcation point (NDP), service disconnect, and meter) and three (3) access units (radio cabinets) mounted radially at the top of the pole, capped with a cylindrical antenna. The applicant referenced existing wood utility poles in selecting the pole type in this location. Per the Design Manual 3.B.: *The Historic Preservation Officer may require concealment of the support pole in the form of aesthetically appropriate street lamps, site elements, district signage, or other stealth methods. The color of any new support pole or concealment solution shall be determined by the Historic Preservation Officer based on site specific conditions.* Staff finds that no effort have been made to conceal or relate the proposed new pole to the existing context – except the use of a wood pole and matching equipment color.
- i. TRENCHING – The applicant has proposed to perform approximately 55' of trenching/boring to an existing CPS utility pole to the northwest along Beauregard for power connection. If approved, any disturbance of sidewalk or streetscaping should be restored to the condition prior to installation. The project shall comply with all federal, state, and local laws, rules, and regulations regarding archaeology.\
- j. ARCHAEOLOGY – The project shall comply with all federal, state, and local laws, rules, and regulations regarding archaeology, as applicable

RECOMMENDATION:

Staff does not recommend approval of the new network pole based on findings b through h. While approval may still be issued at the commission's discretion, the following requirements have not been met per the Right-of-way Network Node Design Manual:

- i. COLLOCATION - Documented efforts to explore a nearby collocation have not been submitted.
- ii. SEPARATION – The proposed pole is not separated from existing poles by more than 250 feet.
- iii. DIAMETER – The proposed pole is not less than 8 inches at its widest portion.
- iv. DESIGN – Matching wood material to existing poles does not constitute a stealth aesthetic.

Work within public property is subject to the Texas Antiquities Code. Please coordinate with the City Archaeologists to determine if excavations require an archaeological investigation. The project shall comply with all federal, state, and local laws, rules, and regulations regarding archaeology, as applicable.

Approval from the Historic Design Review Commission does not omit or supersede any additional permissions required by CPS Energy or related permitting City departments.

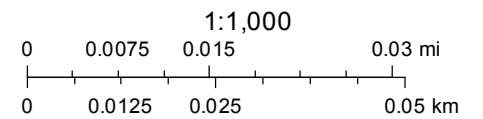
ROW near 955 S Alamo

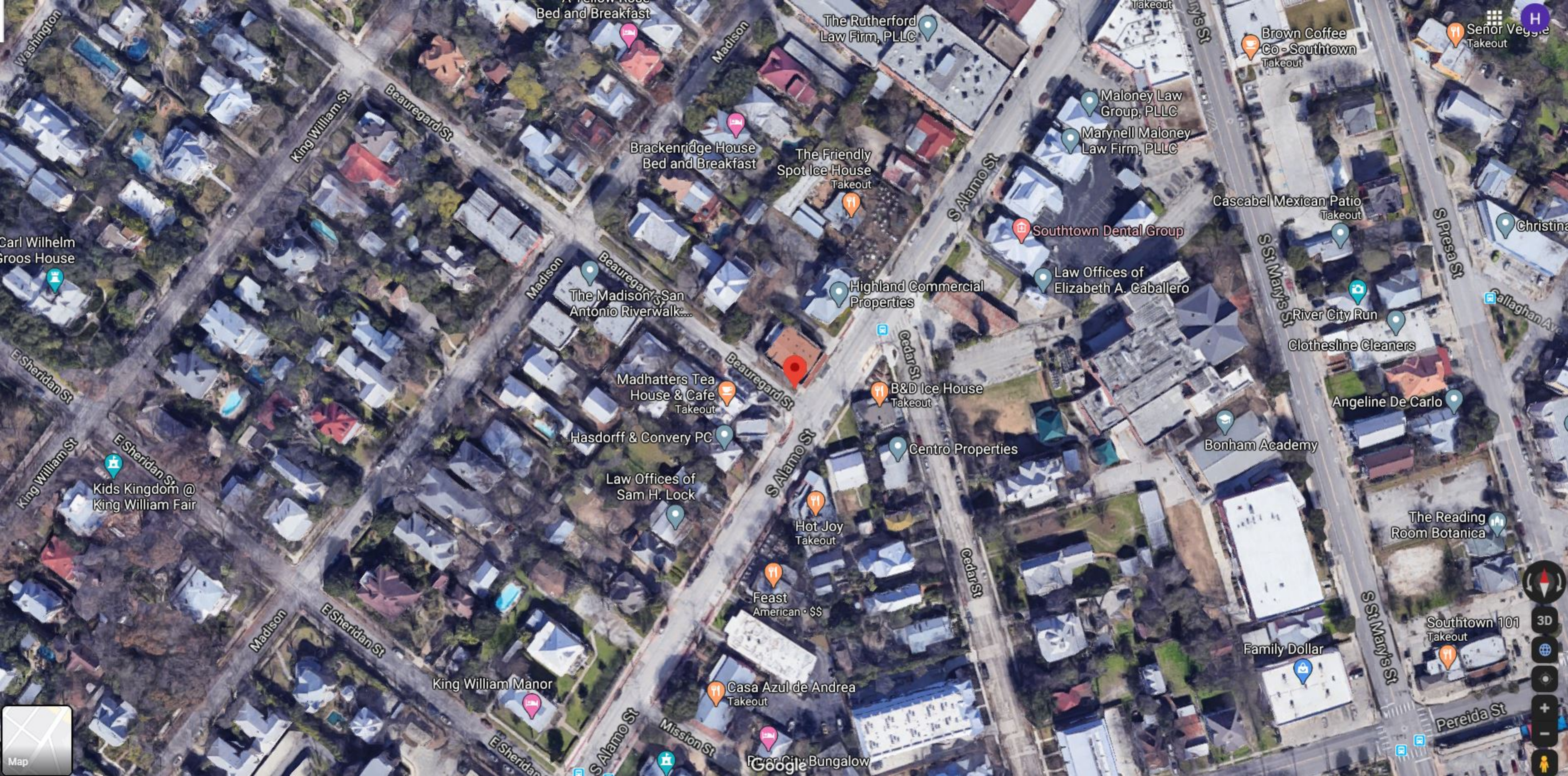


May 22, 2020

drawGraphics_poly

User drawn polygons







Bed and Breakfast

The Madison - San Antonio Riverwalk...

The Friendly Spot Ice House Takeout

Highland Commercial Properties

Tito's Mexican Mexican • \$

Madhatters Tea House & Cafe Takeout

Hasdorff & Convery PC

B&D Ice House Takeout

Law Offices of Sam H. Lock

S Alamo St

Law Office of Luz Martinez-Bernal

Centro Properties

Cedar St

Hot Joy Takeout

Google

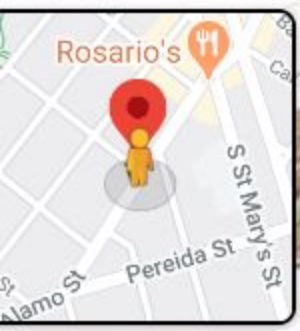




1008 S Alamo St
San Antonio, Texas

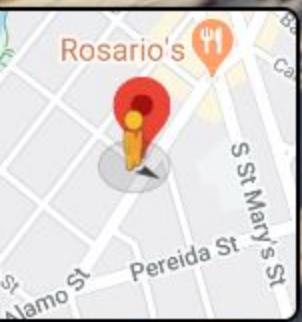
Google

Street View



Navigation controls including a compass, zoom in (+) and zoom out (-) buttons, and directional arrows.

Google



Existing



Proposed



verizon✓

KINGWILLIAM02_SC
955 S. ALAMO ST. SAN ANTONIO, TX 78210
PHOTOSIM PRODUCED ON 4-09-2020



SITE NAME:

PROJECT NUMBER:

LOCATION CODE:

PROJECT ID:

SITE ADDRESS:

KINGWILLIAM02_SC

20181815469

413544

15229969

955 S ALAMO ST

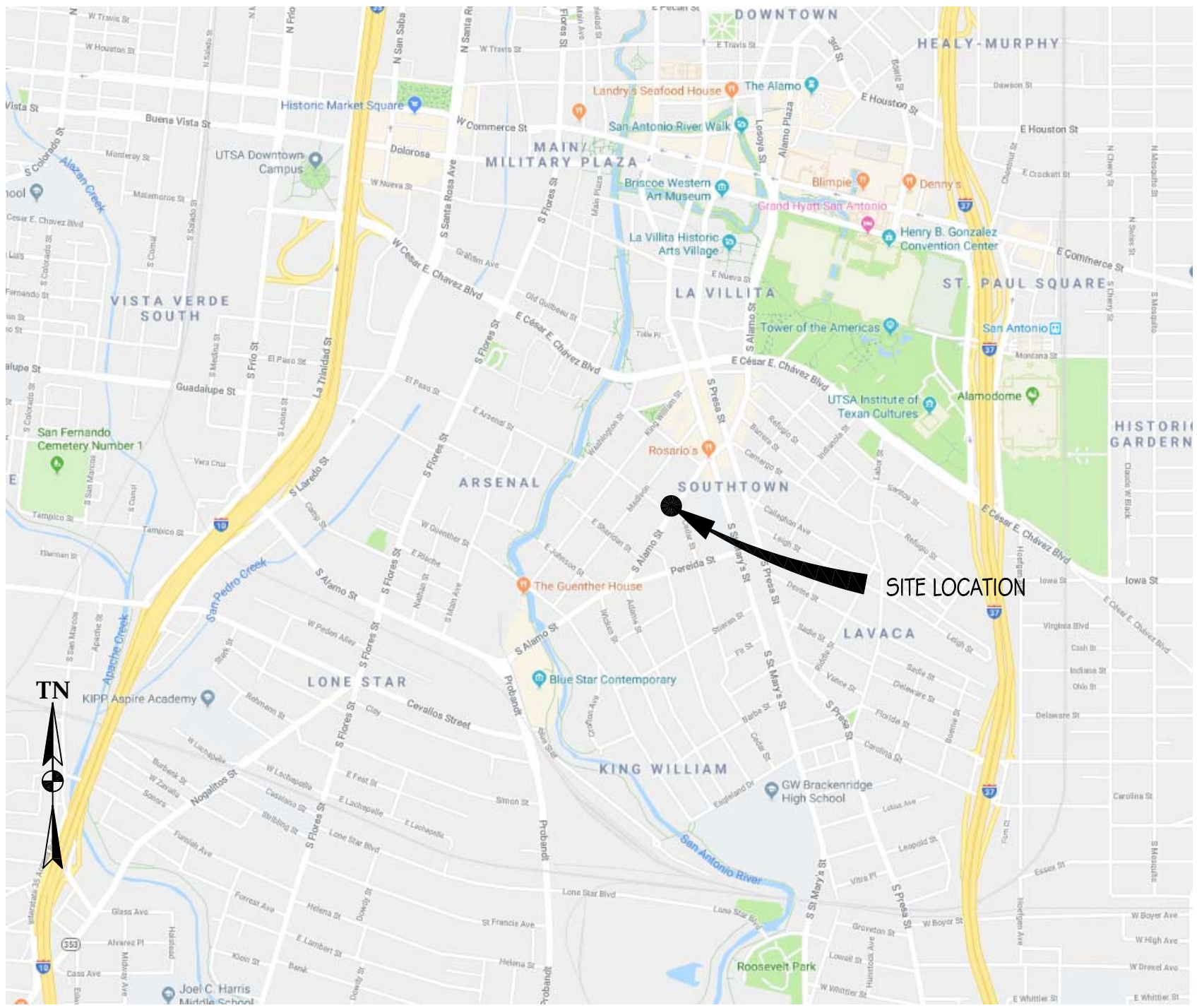


SAN ANTONIO, TX 78210

BEXAR

BRAND NEW VERIZON WOOD POLE

COUNTY:

POLE TYPE:

SITE INFORMATION	VICINITY MAP	SITE LOCATION	PROJECT DESCRIPTION
<div><div>POLE OWNER:</div><div>VERIZON WIRELESS</div></div> <div><div>APPLICANT:</div><div>VERIZON WIRELESS 6696 TRI COUNTY PARKWAY, SUITE #100 SCHERTZ, TX 78154</div></div> <div><div>AGENT:</div><div>MODUS, INC 608 E 3RD STREET AUSTIN, TX 78701</div></div> <div><div>PROPERTY ID:</div><div>ADJACENT TO TBD</div></div> <div><div>SITE ADDRESS:</div><div>955 S ALAMO ST SAN ANTONIO, TX 78210</div></div> <div><div>COUNTY:</div><div>BEXAR</div></div> <div><div>LATITUDE:</div><div>29° 24' 50.49" N (29.414027) NAD 83</div></div> <div><div>LONGITUDE:</div><div>98° 29' 27.50" W (-98.490973) NAD 83</div></div> <div><div>GROUND ELEVATION:</div><div>±638' AMSL</div></div> <div><div>ZONING JURISDICTION:</div><div>CITY OF SAN ANTONIO</div></div> <div><div>DESIGN OR SPECIAL DISTRICT:</div><div>KING WILLIAM</div></div>			<div><div>PROJECT DESCRIPTION:</div><div>THIS IS AN UNMANNED WIRELESS TELECOMMUNICATION FACILITY FOR VERIZON WIRELESS CONSISTING OF THE INSTALLATION AND OPERATION OF ANTENNAS AND ASSOCIATED EQUIPMENT ON A (N) WOOD UTILITY POLE IN THE PUBLIC RIGHT OF WAY.</div></div> <div><div>SCOPE OF WORK & SITE COMPLETION CHECKLIST:</div><div><div><div>•</div><div>ANTENNA & ASSOCIATED EQUIPMENT BOXES - INSTALL 5.35 CU FT OF (N) TELECOMMUNICATIONS EQUIPMENT BOXES ON A (N) WOOD UTILITY POLE. EQUIPMENT CONSISTS OF (3) AU UNITS W/ RAP UNITS, (1) CYLINDRICAL ANTENNA, (1) RRH, (1) METER SOCKET, & (1) SERVICE DISCONNECT.</div></div><div><div>•</div><div>CABLING - CABLING TO BE INSTALLED IN A TIDY MANNER WITHOUT EXCESS CABLE LOOPS.</div></div><div><div>•</div><div>SPACING OF SUPPORT ELEMENTS - SUPPORT EQUIPMENT TO BE CLUSTERED AS CLOSE AS TECHNICALLY FEASIBLE ON POLE.</div></div><div><div>•</div><div>SIGNAGE - FCC MANDATED RF WARNING SIGNAGE SHALL FACE OUT TO STREET.</div></div><div><div>•</div><div>UTILITY LINES - PROPOSED UTILITY LINES BETWEEN EXISTING POINT OF CONNECTION & EQUIPMENT TO BE UNDERGROUND.</div></div></div></div>
CODE COMPLIANCE	ADMINISTRATIVE REQUIREMENTS	PROJECT TEAM	DRAWING INDEX
<div>ALL WORK & MATERIALS SHALL BE PERFORMED & 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:</div> <div><div>1.</div><div>2015 INTERNATIONAL BUILDING CODE</div></div> <div><div>2.</div><div>2015 INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS</div></div> <div><div>3.</div><div>2015 INTERNATIONAL MECHANICAL CODE</div></div> <div><div>4.</div><div>2015 INTERNATIONAL PLUMBING CODE</div></div> <div><div>5.</div><div>2015 INTERNATIONAL EXISTING BUILDING CODE</div></div> <div><div>6.</div><div>2015 INTERNATIONAL FUEL GAS CODE</div></div> <div><div>7.</div><div>2015 INTERNATIONAL FIRE CODE</div></div> <div><div>8.</div><div>2015 INTERNATIONAL ENERGY CONSERVATION CODE</div></div> <div><div>9.</div><div>2014 NATIONAL ELECTRIC CODE</div></div> <div><div>10.</div><div>LOCAL ORDINANCES AND AMENDMENTS</div></div> <div><div>11.</div><div>ANSI/EIA-TIA-222-G</div></div> <div>ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS.</div>	<div>CONTRACTOR SHALL VERIFY ALL PLANS & (E) 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. IF USING 11" X 17" PLOT, DRAWINGS WILL BE HALF SCALE.</div> <div><div>At all services & grounding trenches, provide "WARNING" tape at 12" below grade.</div><div><div></div><div><div>CALL</div><div>"CALL BEFORE YOU DIG"</div><div>811/800-227-2600</div><div>NATIONWIDE UNDERGROUND SERVICE ALERT</div></div></div></div>	<div>MODUS PROJECT MANAGER: KEVIN BOWYER MODUS, INC 608 E 3RD STREET AUSTIN, TX 78701 (408) 219-5442 KBOWYER@MODUS-CORP.COM</div> <div>MODUS CONSTRUCTION MANAGER: KRESSTON HAYNES MODUS, INC 608 E 3RD STREET AUSTIN, TX 78701 (209) 938-7251 KHAYNES@MODUS-CORP.COM</div> <div>VERIZON WIRELESS CONSTRUCTION ENGINEER CARLOS RANGEL 6696 TRI COUNTY PARKWAY, SUITE #100 SCHERTZ, TX 78154 (210) 347-4919 CARLOS.RANGEL@VERIZON.COM</div> <div>ARCHITECT/ENGINEER ON RECORD: BRET McCOMB PRECISION DESIGN & DRAFTING INC 11768 ATWOOD ROAD, SUITE #20 AUBURN, CA 95603 (530) 823-6546 BRET@PDND.COM</div>	<div><div>SHEET NO:</div><div>SHEET TITLE</div></div> <div><div>TS-1</div><div>TITLE SHEET</div></div> <div><div>GC-1</div><div>SITE PLAN</div></div> <div><div>GC-2</div><div>ENLARGED SITE PLAN & ANTENNA PLANS</div></div> <div><div>GC-3</div><div>ELEVATIONS</div></div> <div><div>GN-1</div><div>EQUIPMENT DETAILS</div></div> <div><div>GN-2</div><div>CONSTRUCTION DETAILS</div></div> <div><div>E-1</div><div>SINGLE-LINE DIAGRAM & DETAILS</div></div> <div><div>E-2</div><div>ELECTRICAL DIAGRAMS</div></div>



VERIZON WIRELESS
6696 TRI COUNTY PARKWAY, SUITE #100
SCHERTZ, TX 78154



608 E 3RD STREET
AUSTIN, TX 78701

PRECISION DESIGN
& Drafting, INC.

Phone: (530) 823-6546 www.pdnd.com
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SAN ANTONIO, TX 78210

ISSUE STATUS

△	DATE	DESCRIPTION
	07/11/19	CD 90%

DRAWN BY: B. LONGABAUGH

CHECKED BY: T. DICARLO

APPROVED BY: B. McCOMB

DATE: 07/11/19

SHEET TITLE:

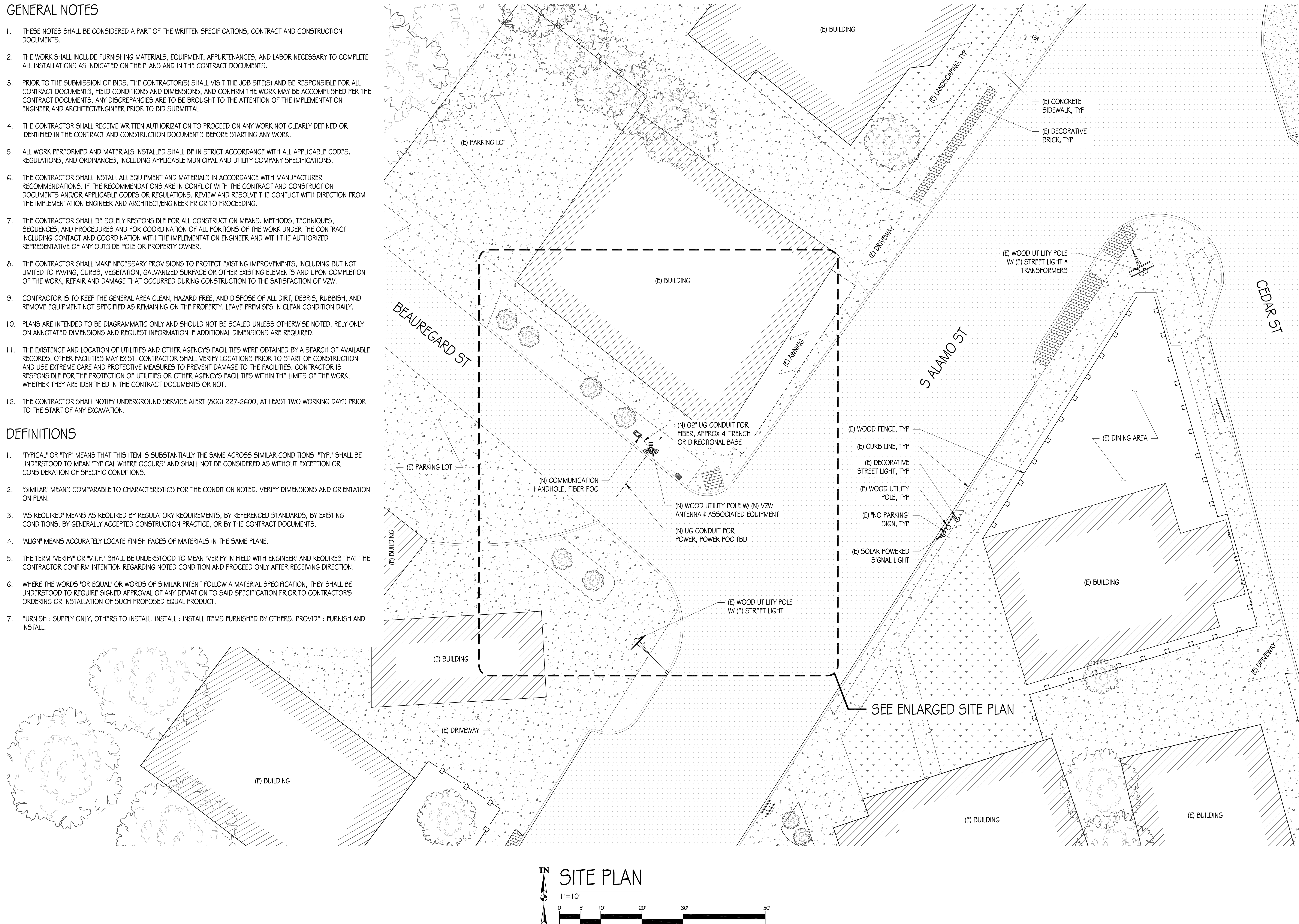
TITLE SHEET

SHEET NUMBER

TS-1

1. THESE NOTES SHALL BE CONSIDERED A PART OF THE WRITTEN SPECIFICATIONS, CONTRACT AND CONSTRUCTION DOCUMENTS.
2. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE PLANS AND IN THE CONTRACT DOCUMENTS.
3. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTOR(S) SHALL VISIT THE JOB SITE(S) AND BE RESPONSIBLE FOR ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS, AND CONFIRM THE WORK MAY BE ACCOMPLISHED PER THE CONTRACT DOCUMENTS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER PRIOR TO BID SUBMITTAL.
4. THE CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED ON ANY WORK NOT CLEARLY DEFINED OR IDENTIFIED IN THE CONTRACT AND CONSTRUCTION DOCUMENTS BEFORE STARTING ANY WORK.
5. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES, INCLUDING APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS.
6. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. IF THE RECOMMENDATIONS ARE IN CONFLICT WITH THE CONTRACT AND CONSTRUCTION DOCUMENTS AND/OR APPLICABLE CODES OR REGULATIONS, REVIEW AND RESOLVE THE CONFLICT WITH DIRECTION FROM THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER PRIOR TO PROCEEDING.
7. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATION OF ALL PORTIONS OF THE WORK UNDER THE CONTRACT INCLUDING CONTACT AND COORDINATION WITH THE IMPLEMENTATION ENGINEER AND WITH THE AUTHORIZED REPRESENTATIVE OF ANY OUTSIDE POLE OR PROPERTY OWNER.
8. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO PAVING, CURBS, VEGETATION, GALVANIZED SURFACE OR OTHER EXISTING ELEMENTS AND UPON COMPLETION OF THE WORK, REPAIR AND DAMAGE THAT OCCURRED DURING CONSTRUCTION TO THE SATISFACTION OF VZW.
9. CONTRACTOR IS TO KEEP THE GENERAL AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH, AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION DAILY.
10. PLANS ARE INTENDED TO BE DIAGRAMMATIC ONLY AND SHOULD NOT BE SCALED UNLESS OTHERWISE NOTED. RELY ONLY ON ANNOTATED DIMENSIONS AND REQUEST INFORMATION IF ADDITIONAL DIMENSIONS ARE REQUIRED.
11. THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO START OF CONSTRUCTION AND USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THE FACILITIES. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF UTILITIES OR OTHER AGENCY'S FACILITIES WITHIN THE LIMITS OF THE WORK, WHETHER THEY ARE IDENTIFIED IN THE CONTRACT DOCUMENTS OR NOT.
12. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (800) 227-2600, AT LEAST TWO WORKING DAYS PRIOR TO THE START OF ANY EXCAVATION.

1. "TYPICAL" OR "TYP" MEANS THAT THIS ITEM IS SUBSTANTIALLY THE SAME ACROSS SIMILAR CONDITIONS. "TYP." SHALL BE UNDERSTOOD TO MEAN "TYPICAL WHERE OCCURS" AND SHALL NOT BE CONSIDERED AS WITHOUT EXCEPTION OR CONSIDERATION OF SPECIFIC CONDITIONS.
2. "SIMILAR" MEANS COMPARABLE TO CHARACTERISTICS FOR THE CONDITION NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLAN.
3. "AS REQUIRED" MEANS AS REQUIRED BY REGULATORY REQUIREMENTS, BY REFERENCED STANDARDS, BY EXISTING CONDITIONS, BY GENERALLY ACCEPTED CONSTRUCTION PRACTICE, OR BY THE CONTRACT DOCUMENTS.
4. "ALIGN" MEANS ACCURATELY LOCATE FINISH FACES OF MATERIALS IN THE SAME PLANE.
5. THE TERM "VERIFY" OR "V.I.F." SHALL BE UNDERSTOOD TO MEAN "VERIFY IN FIELD WITH ENGINEER" AND REQUIRES THAT THE CONTRACTOR CONFIRM INTENTION REGARDING NOTED CONDITION AND PROCEED ONLY AFTER RECEIVING DIRECTION.
6. WHERE THE WORDS "OR EQUAL" OR WORDS OF SIMILAR INTENT FOLLOW A MATERIAL SPECIFICATION, THEY SHALL BE UNDERSTOOD TO REQUIRE SIGNED APPROVAL OF ANY DEVIATION TO SAID SPECIFICATION PRIOR TO CONTRACTOR'S ORDERING OR INSTALLATION OF SUCH PROPOSED EQUAL PRODUCT.
7. FURNISH : SUPPLY ONLY, OTHERS TO INSTALL. INSTALL : INSTALL ITEMS FURNISHED BY OTHERS. PROVIDE : FURNISH AND INSTALL.



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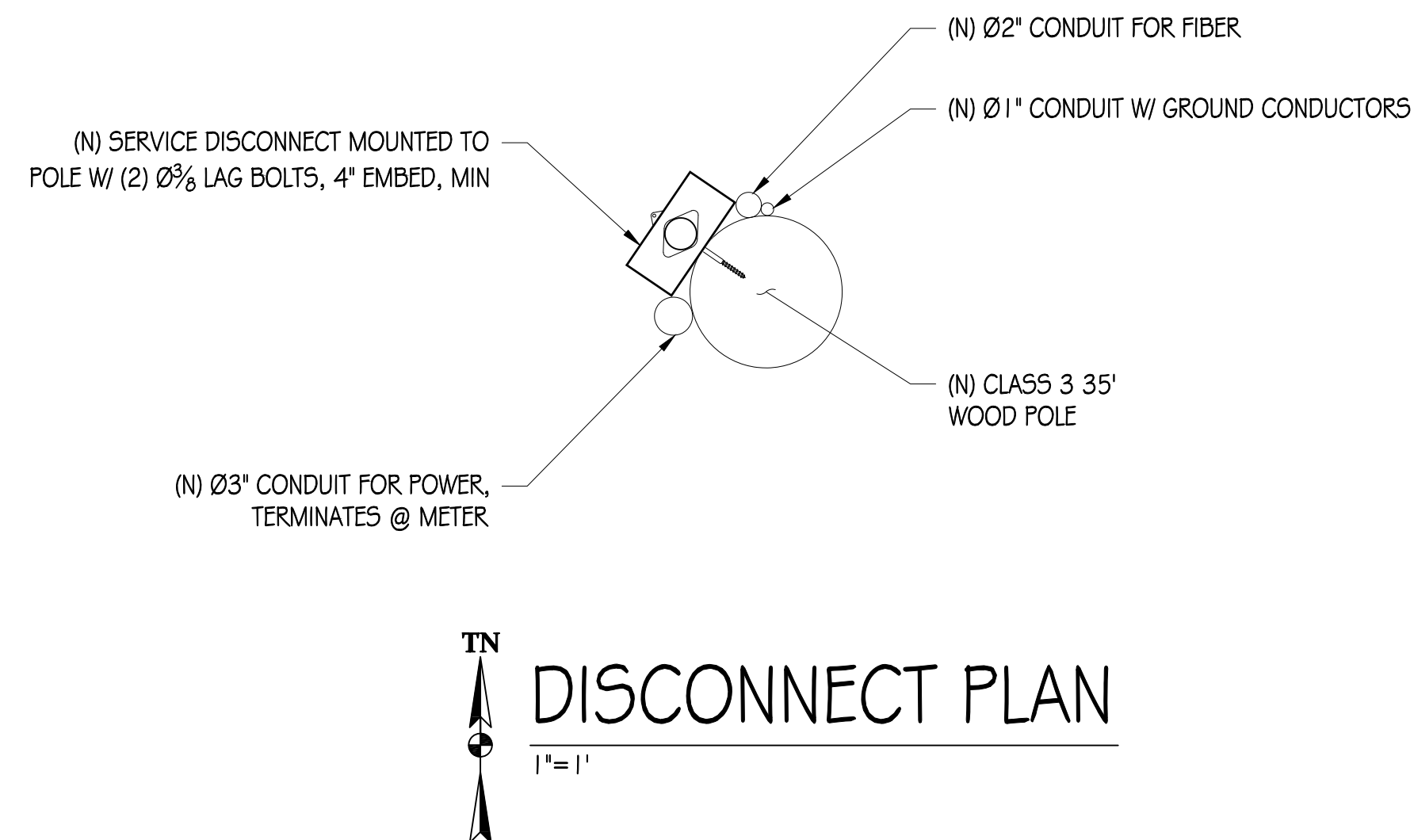
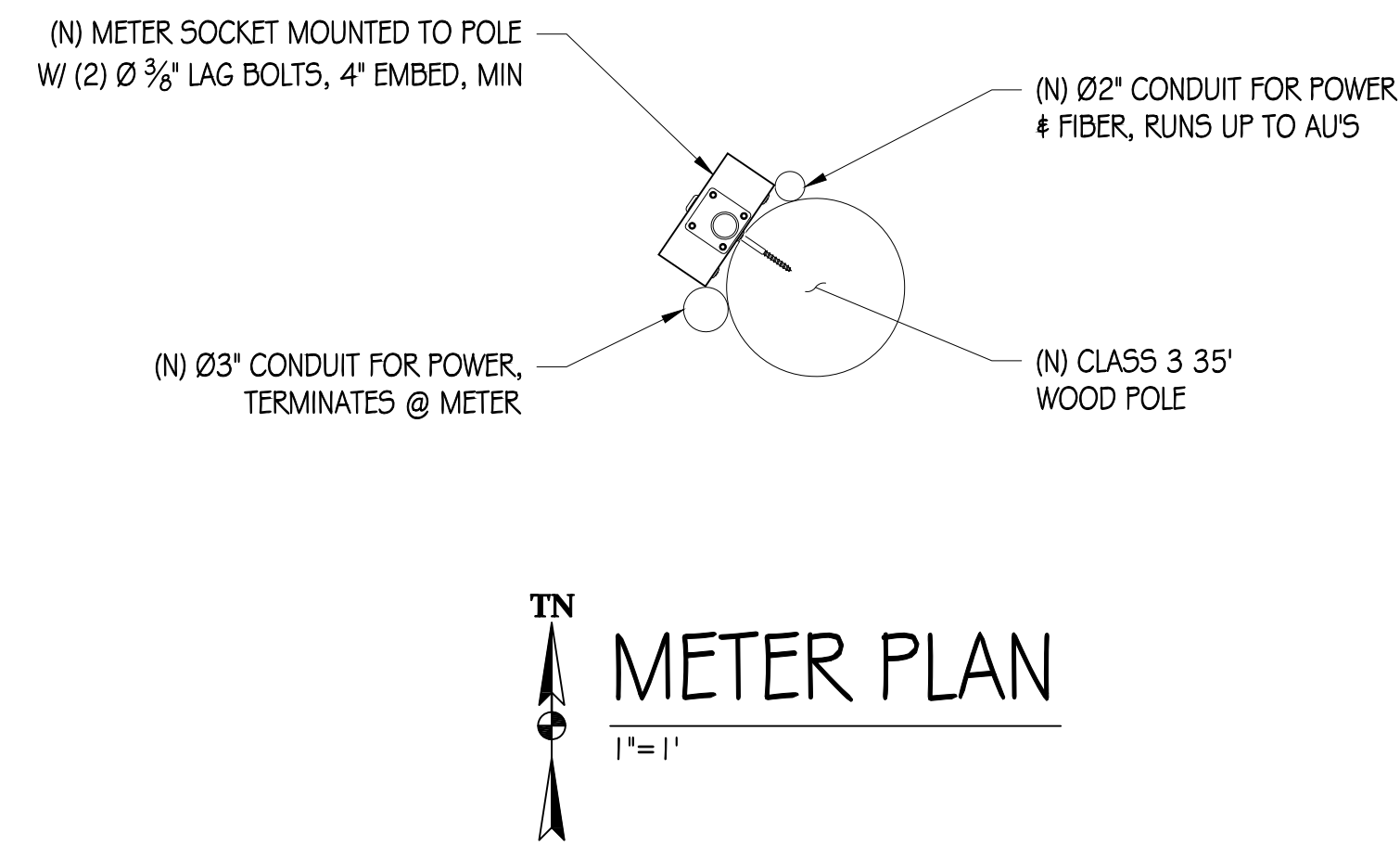
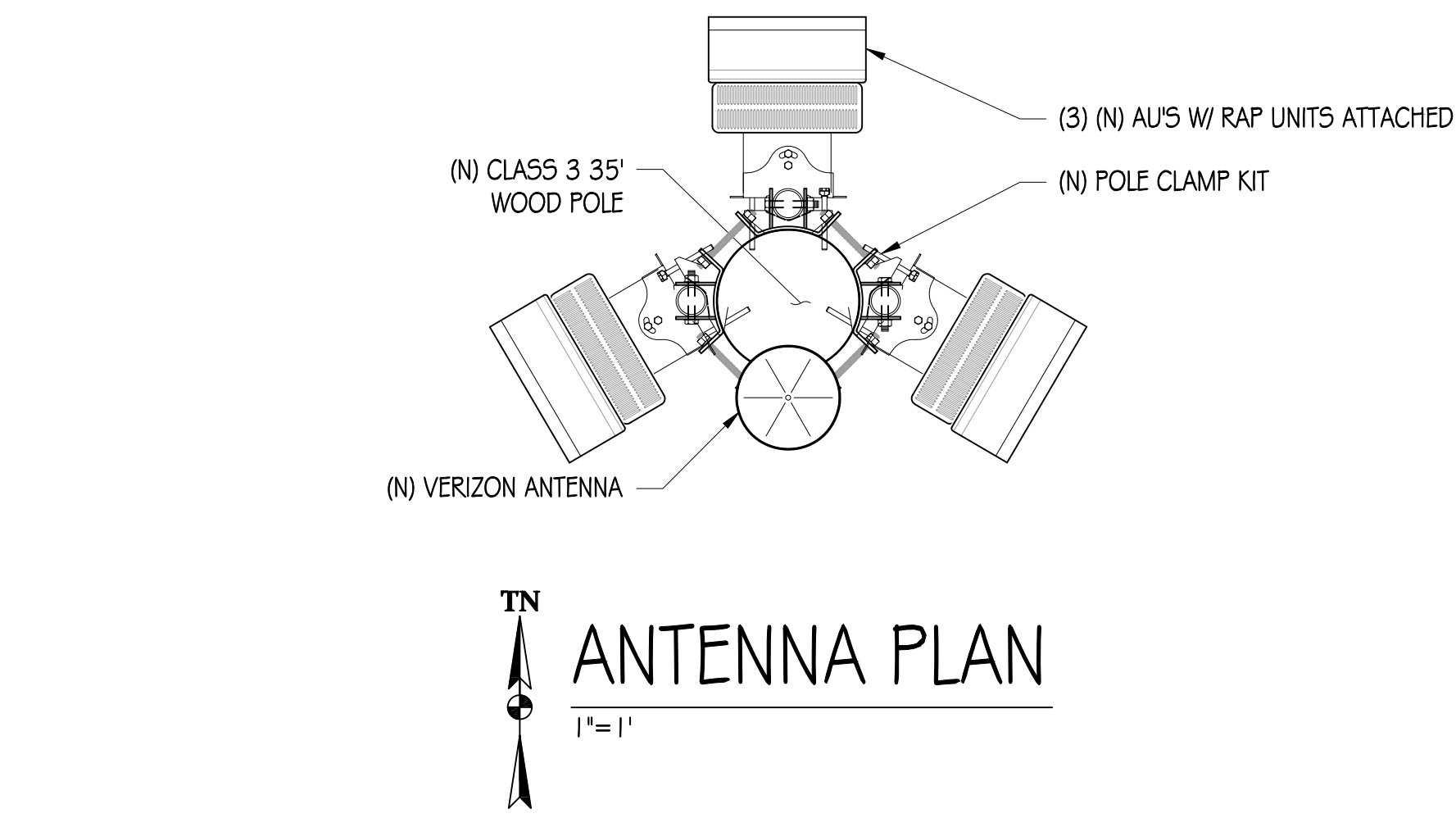
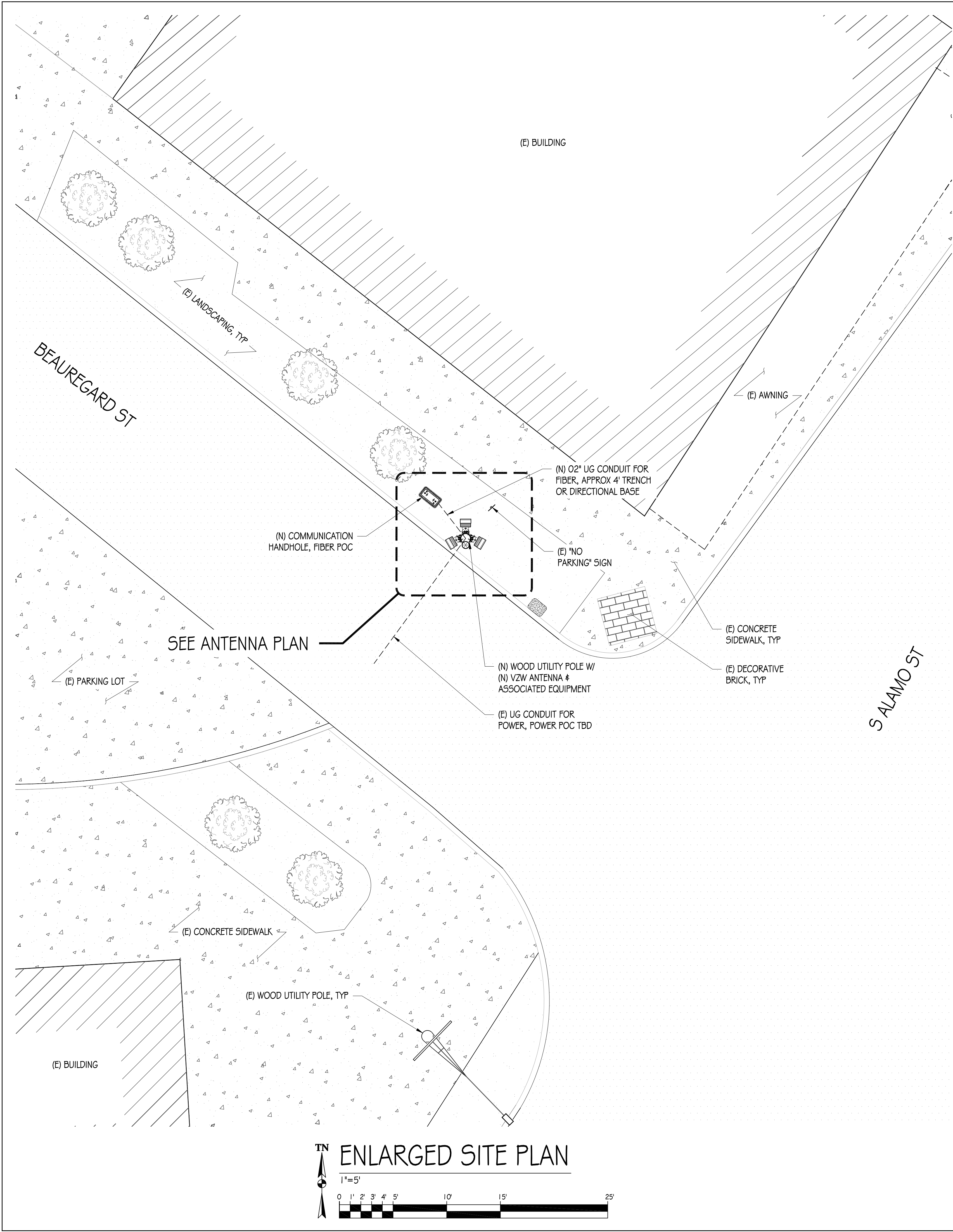
955 S ALAMO ST
SAN ANTONIO, TX 78210

△	DATE	DESCRIPTION
	07/11/19	CD 90%

SHEET TITLE:

SHEET NUMBER

GC-1



verizon

VERIZON WIRELESS
6696 TRI COUNTY PARKWAY, SUITE #100
SCHERTZ, TX 78701



608 E 3RD STREET
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CHECKED BY: T. DICARLO

APPROVED BY: B. McCOMB

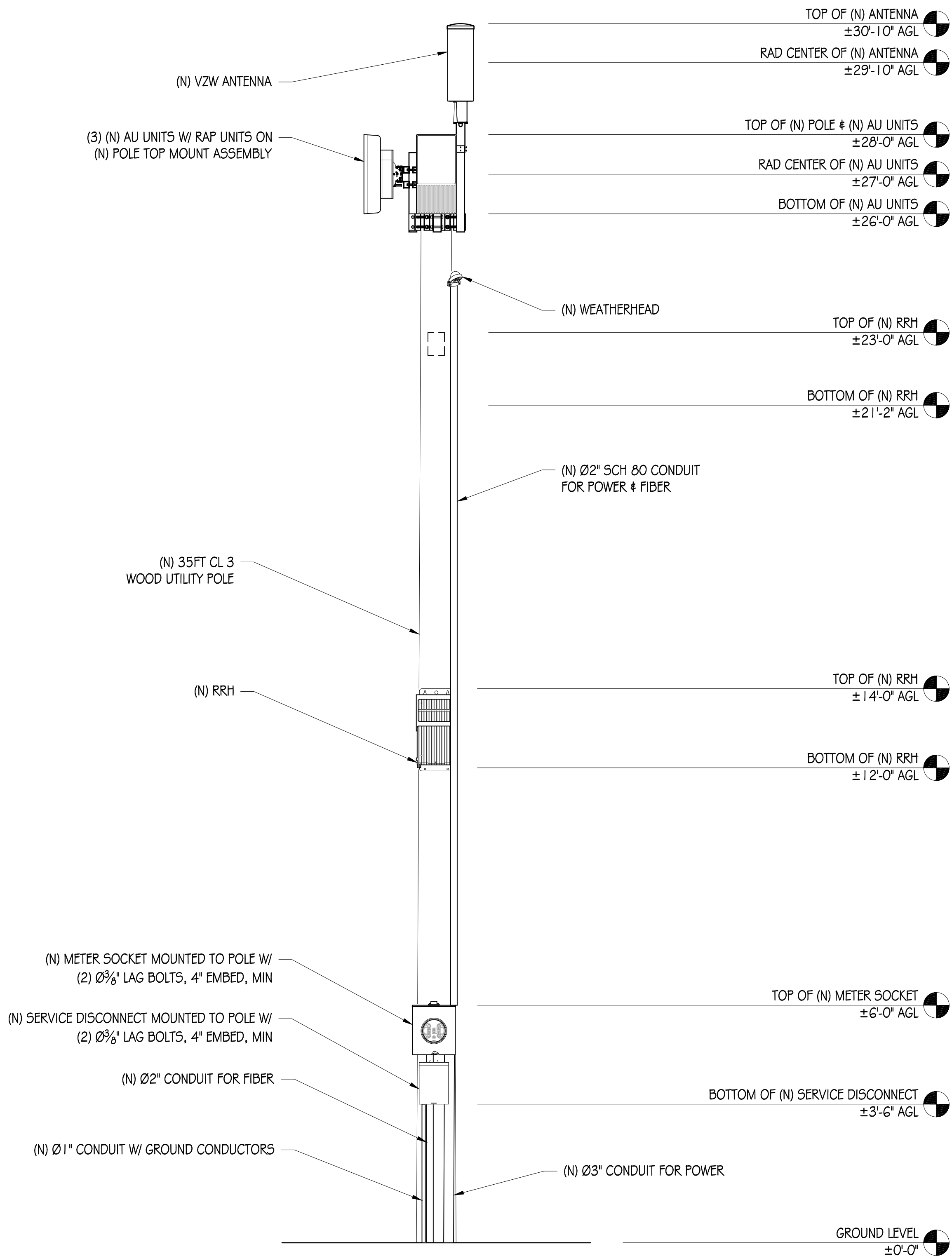
DATE: 07/11/19

SHEET TITLE:

ENLARGED SITE PLAN
& ANTENNA PLANS

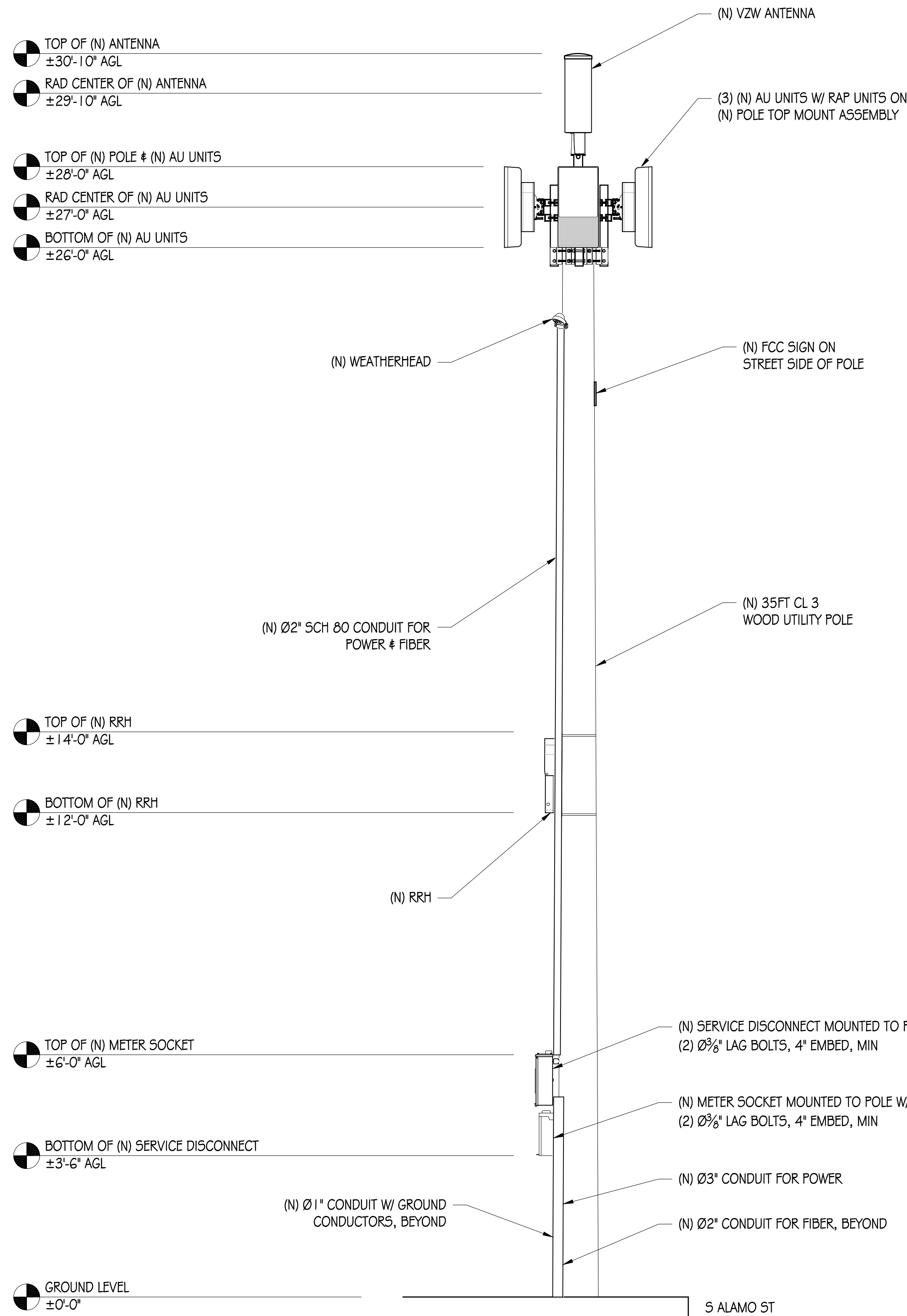
SHEET NUMBER

GC-2



NEW NORTHWEST ELEVATION

1/2"= 1'-0"



NEW SOUTHWEST ELEVATION

1/2"= 1'-0"

verizon

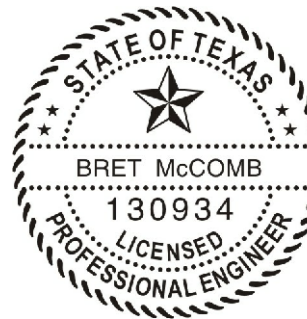
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6696 TRI COUNTY PARKWAY, SUITE # 100
SCHERTZ, TX 78154



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955 S ALAMO ST
SAN ANTONIO, TX 78210

ISSUE STATUS

△	DATE	DESCRIPTION
	07/11/19	CD 90%

DRAWN BY: B. LONGABAUGH

CHECKED BY: T. DICARLO

APPROVED BY: B. McCOMB

DATE: 07/11/19

SHEET TITLE:

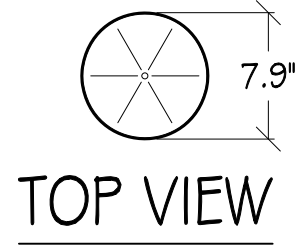
ELEVATIONS

SHEET NUMBER

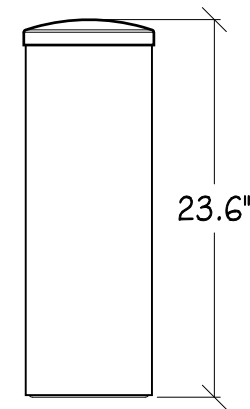
GC-3

COMMSCOPE VVSSP-3605-F

WIND AREA: 2.03 SQ FT
VOLUME: 0.67 CU FT
WEIGHT: 15.4 LBS
DIMENSIONS: Ø7.9" X 23.6" TALL
RF CONNECTORS: (10) 4.3-10 FEMALE



TOP VIEW

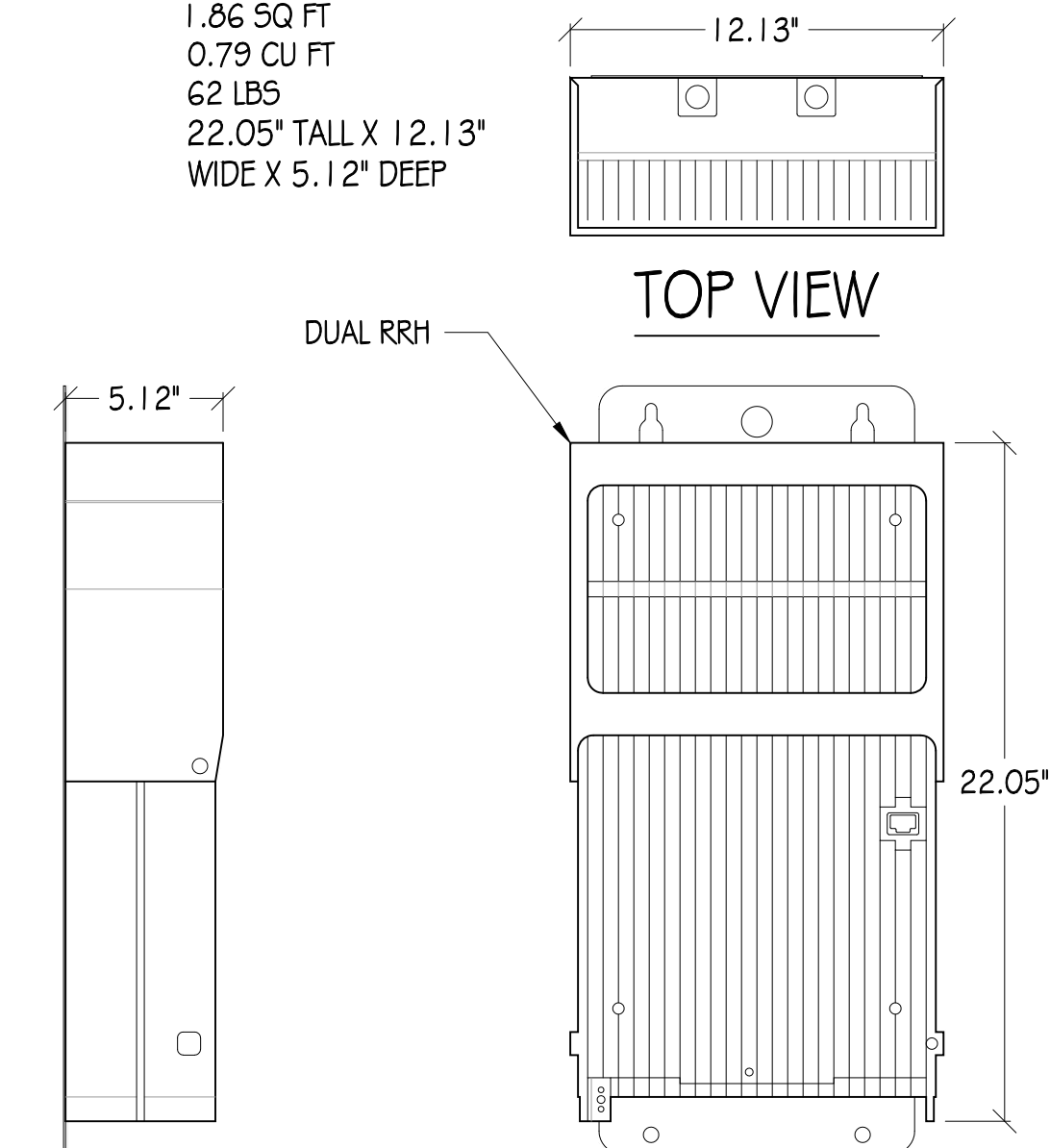


FRONT VIEW

1 ANTENNA DETAIL
1"=1'

NOKIA DUAL RRH

WIND AREA: 1.86 SQ FT
VOLUME: 0.79 CU FT
WEIGHT: 62 LBS
DIMENSIONS: 22.05" TALL X 12.13" WIDE X 5.12" DEEP



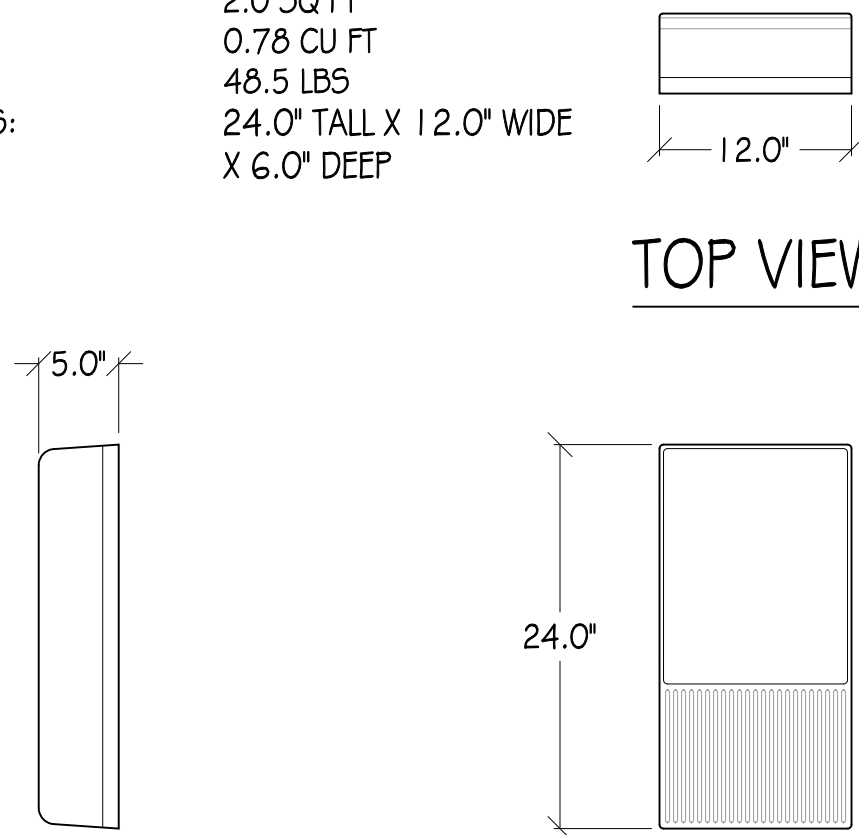
SIDE VIEW

FRONT VIEW

2 DUAL RRH DETAIL
1"=6"

NOKIA AU UNIT

WIND AREA: 2.0 SQ FT
VOLUME: 0.78 CU FT
WEIGHT: 48.5 LBS
DIMENSIONS: 24.0" TALL X 12.0" WIDE X 6.0" DEEP



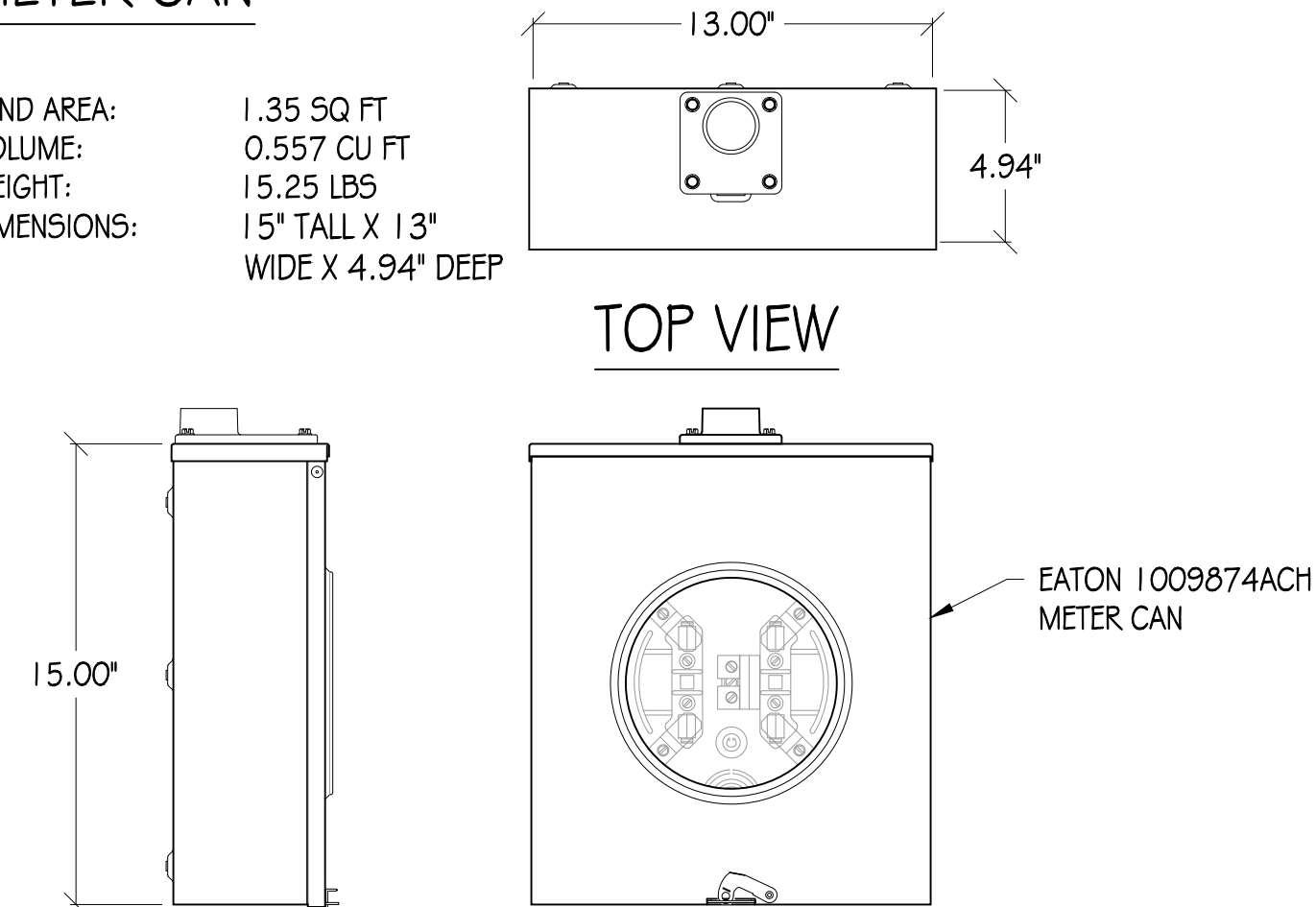
SIDE VIEW

FRONT VIEW

3 AU UNIT DETAIL
1"=1'

METER CAN

WIND AREA: 1.35 SQ FT
VOLUME: 0.557 CU FT
WEIGHT: 15.25 LBS
DIMENSIONS: 15" TALL X 13" WIDE X 4.94" DEEP



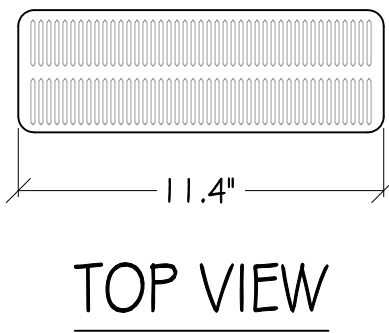
SIDE VIEW

FRONT VIEW

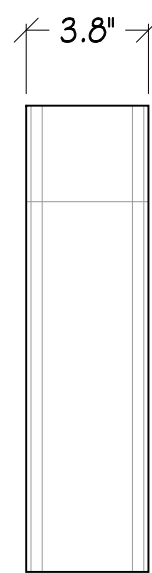
4 METER DETAIL
1"=6"

NOKIA RAP UNIT

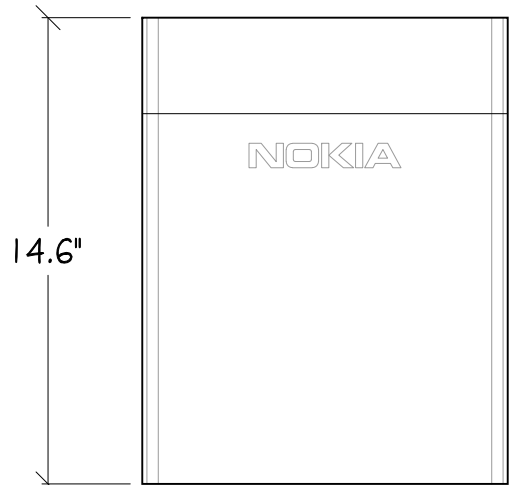
WIND AREA: 1.16 SQ FT
VOLUME: 0.366 CU FT
WEIGHT: 19.8 LBS
DIMENSIONS: 14.6" TALL X 11.4" WIDE X 3.8" DEEP



TOP VIEW



SIDE VIEW

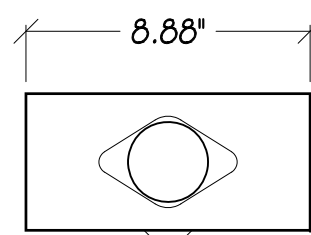


FRONT VIEW

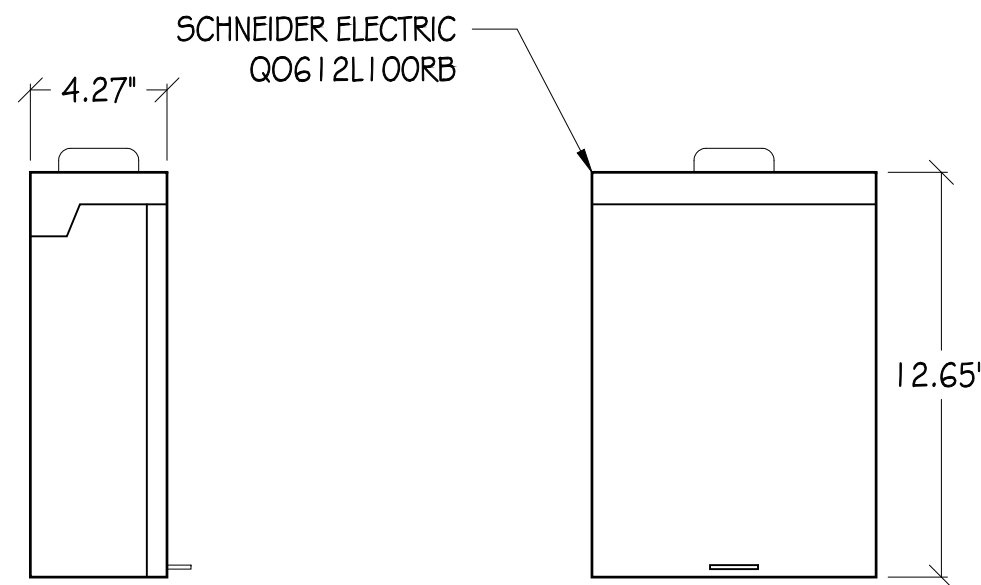
5 RAP UNIT DETAIL
1"=6"

LOAD CENTER

WIND AREA: 0.780 SQ FT
VOLUME: 0.278 CU FT
WEIGHT: 9.68 LBS
DIMENSIONS: 12.65" TALL X 8.88" WIDE X 4.27" DEEP



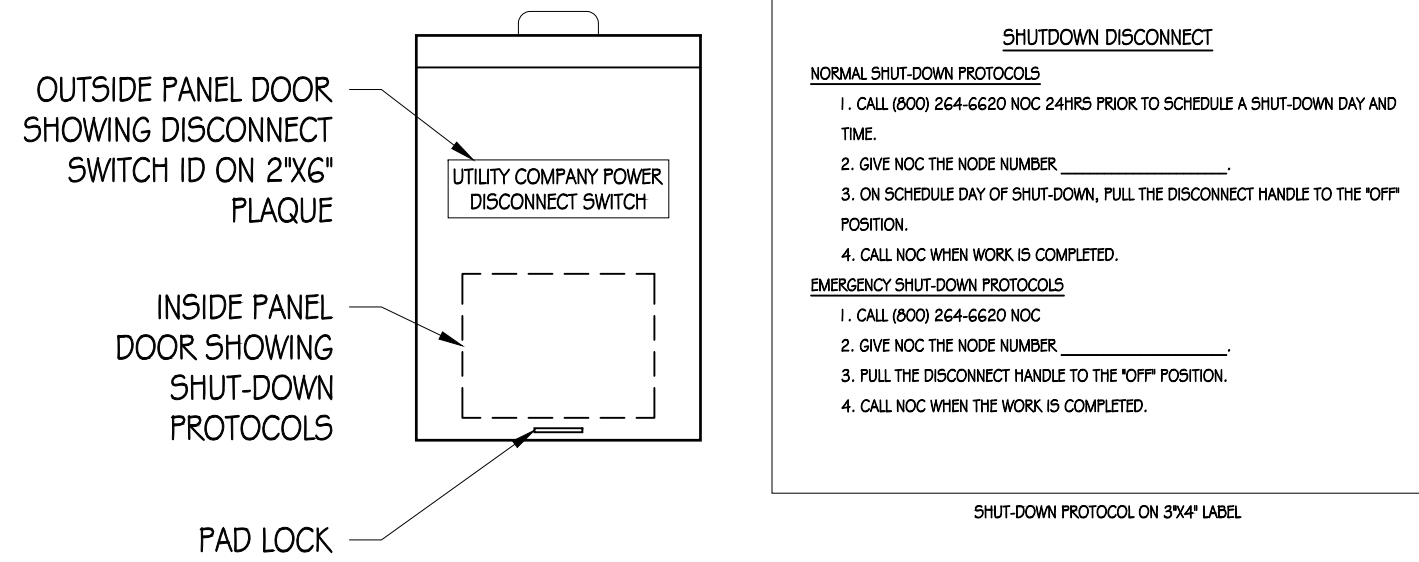
TOP VIEW



SIDE VIEW

FRONT VIEW

6 LOAD CENTER/AC DISCONNECT
1"=6"



7 DISCONNECT SIGNAGE
1"=6"

NOTES:
1. SITE ID WILL BE SWITCH #, SITE # & SITE NAME
2. SIGN PROVIDED BY GC MOUNTED TO OUTSIDE OF SERVICE DISCONNECT

NOTES:

1. (N) VINYL SIGN TO BE PROVIDED BY VERIZON WIRELESS AND BE PLACED ON THE POLE 3' BELOW ANTENNA LEVEL. COLOR TO BE DETERMINED PRIOR TO INSTALL.



8 FCC SIGN
NTS

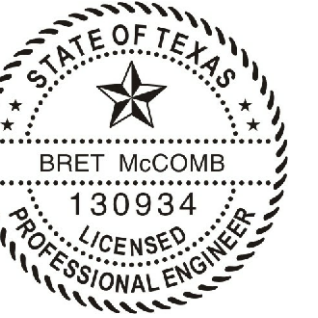
verizon

VERIZON WIRELESS
6696 TRI COUNTY PARKWAY, SUITE # 100
SCHERTZ, TX 78154



608 E 3RD STREET
AUSTIN, TX 78701

PRECISION DESIGN
& DRAFTING, INC.
Phone: (530) 823-6546 www.pddnd.com
11768 Alwood Rd, Suite 20 Auburn, CA 95603



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SHEET TITLE:

EQUIPMENT
DETAILS

SHEET NUMBER

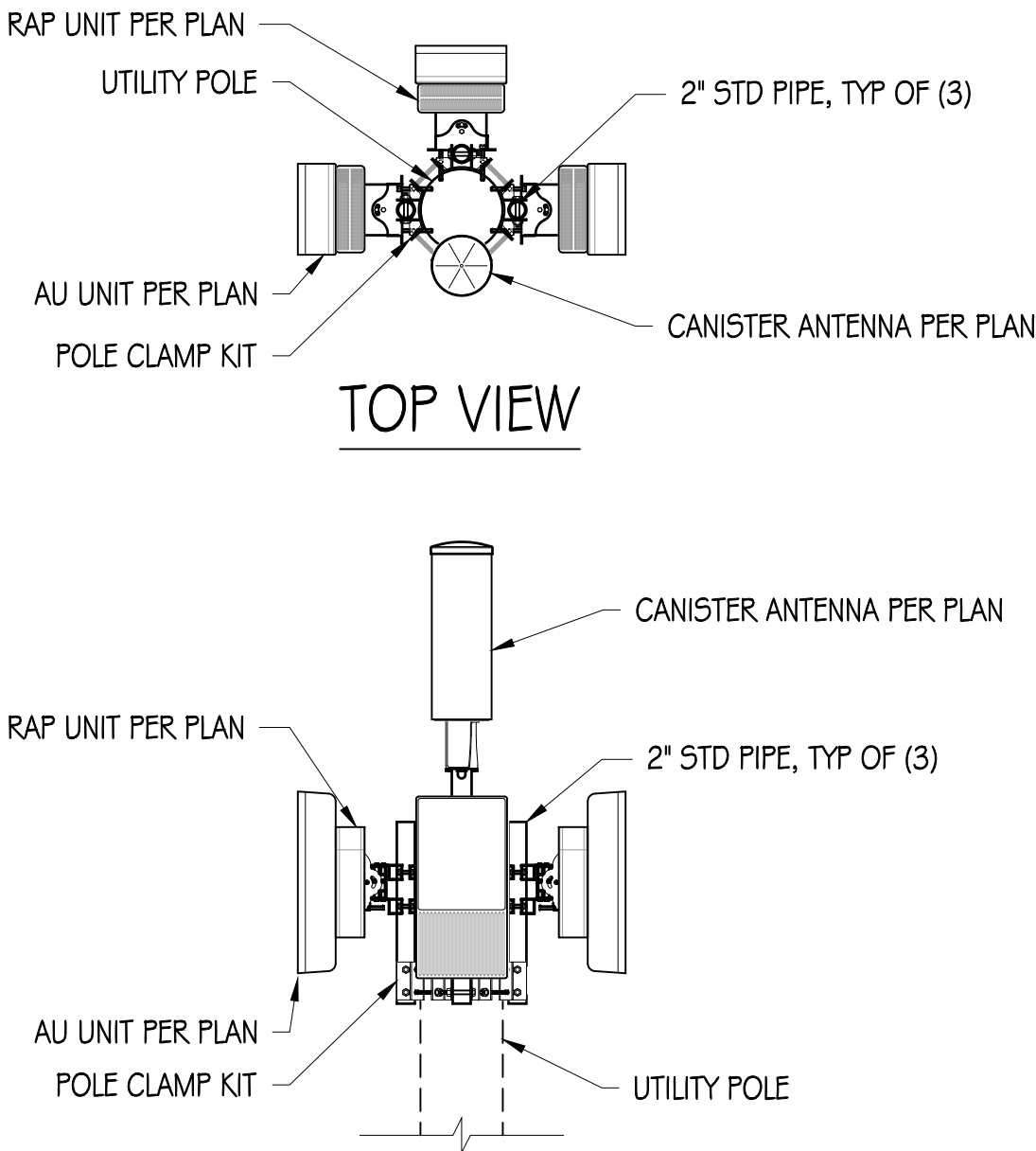
GN-1

CONCRETE NOTES

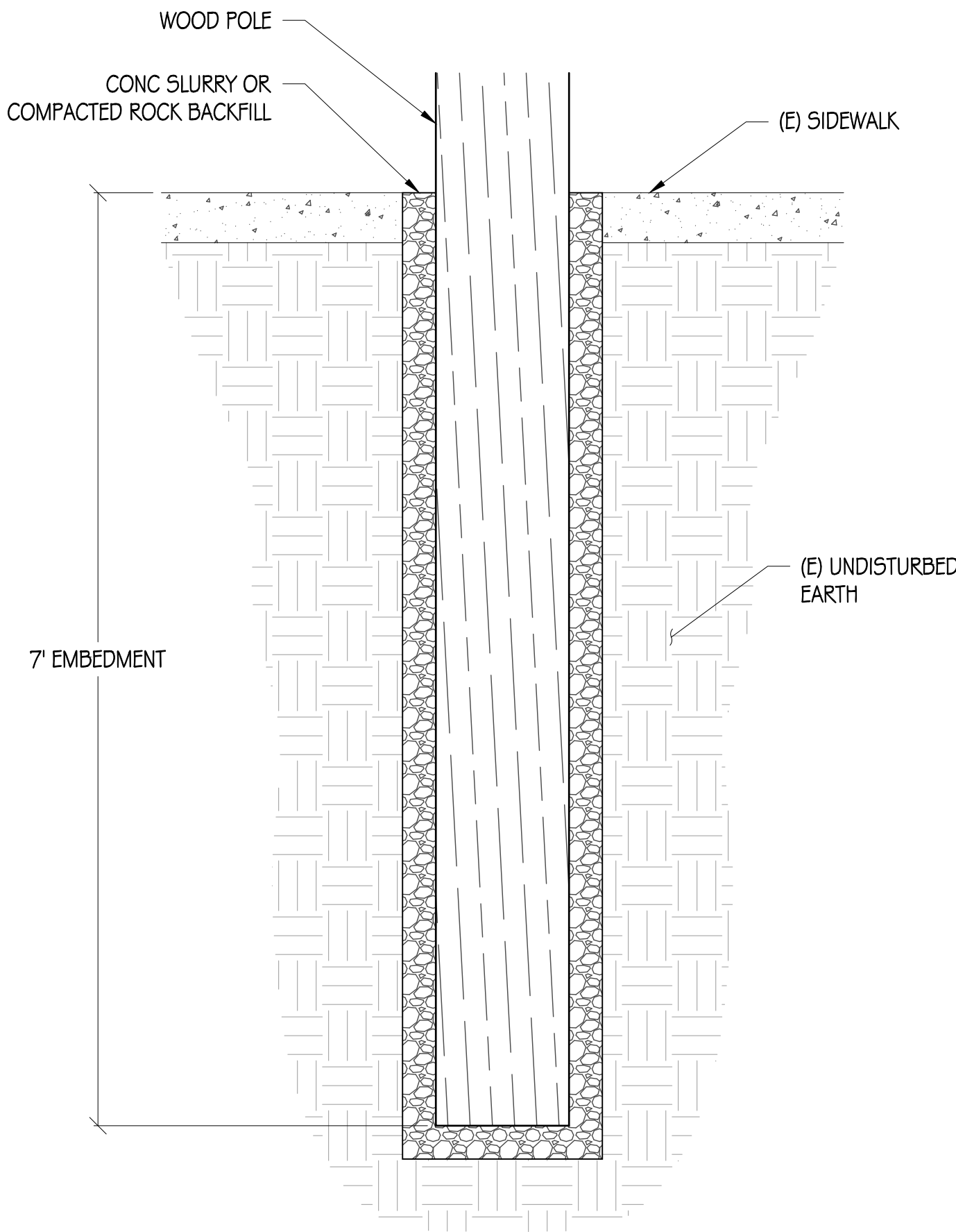
1. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 318-14.
2. CONTRACTOR SHALL VERIFY SITE CONDITIONS & ALL DIMENSIONS PRIOR TO STARTING WORK. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES.
3. CEMENT SHALL CONFORM TO ASTM C150, TYPE II.
4. CONCRETE AGGREGATES SHALL CONFORM TO ASTM C33.
5. ALL CONCRETE SHALL BE A 5 SACK MIX WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
6. ALL REINFORCING STEEL SHALL BE GRADE 60 AND CONFORM TO ASTM A615 UNLESS OTHERWISE NOTED. SEE PLAN FOR SIZE AND PLACEMENT.
7. MINIMUM LAP SPLICE SHALL BE 40 BAR DIAMETERS UNLESS OTHERWISE NOTED.
8. MINIMUM BEND DIAMETER SHALL BE 6 BAR DIAMETERS UNLESS OTHERWISE NOTED.
9. MINIMUM REINFORCING COVERAGE IS 2" UNLESS OTHERWISE NOTED.
10. CONCRETE SHALL BE PLACED AGAINST FIRM UNDISTURBED SOIL AT DEPTH SHOWN.
11. BOTTOM OF ALL FOOTING TRENCHES SHALL BE CLEAN AND LEVEL.
12. ALL BOLTS & THREADED RODS SHALL BE ASTM F1554 GR 36, MINIMUM, UNLESS OTHERWISE NOTED; NEW, & WITHOUT SIGNIFICANT RUST. TOP 2 FEET & HARDWARE TO BE GALVANIZED PER ASTM A123.
13. A 1/2" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE UNLESS OTHERWISE NOTED.

SIDEWALK GENERAL NOTES

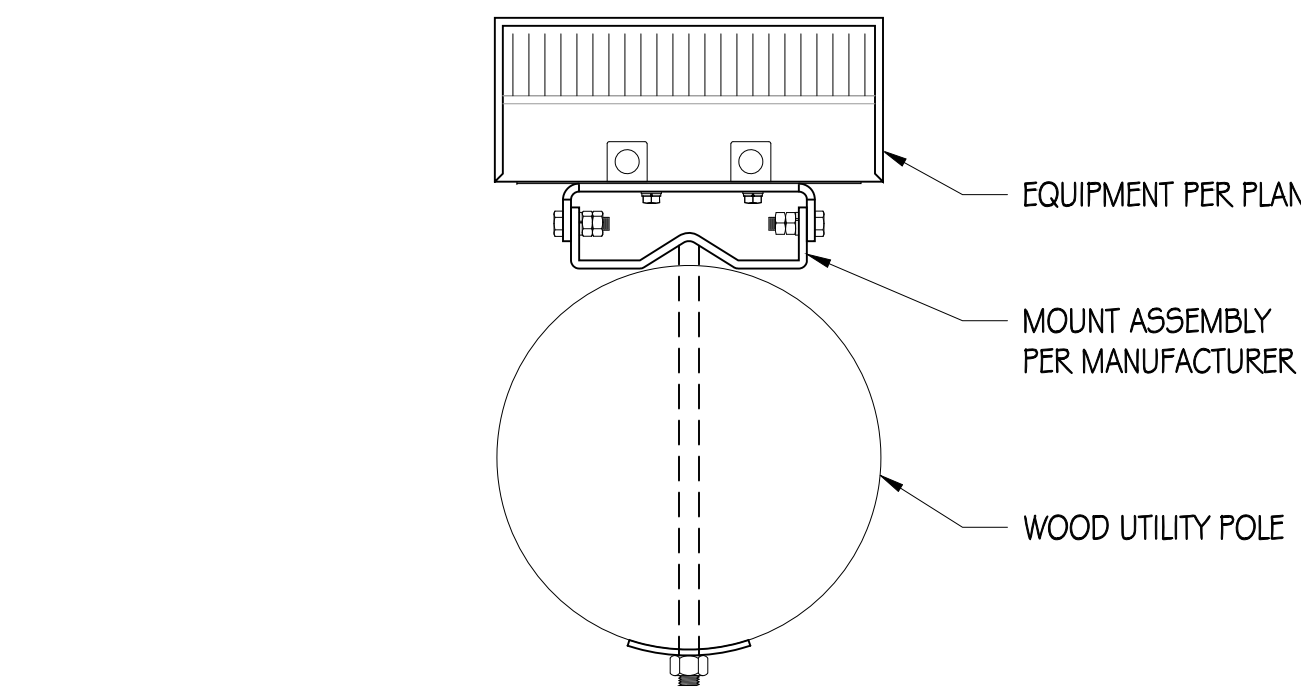
1. SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% RELATIVE COMPACTION.
2. WHERE UNSUITABLE SUBGRADE MATERIAL IS ENCOUNTERED, REMEDIAL WORK SHALL BE DONE UNDER THE DIRECTION OF THE CITY ENGINEER, INCLUDES BUT IS NOT LIMITED TO, REMOVING UNSUITABLE MATERIAL AND PLACING A LAYER OF CLASS II AGGREGATE BASE UNDER THE INSTALLATION.
3. UNDERCUT SUBGRADE FOR GUTTER OR SIDEWALK SHALL BE FILLED WITH APPROVED GRANULAR MATERIAL.
4. SAWCUTS MUST BE FULL DEPTH.
5. NEW WORK SHALL MATCH EXISTING SCORE AND COLOR.
6. SUBGRADE SHALL BE THOROUGHLY WETTED IMMEDIATELY PRIOR TO PLACING CONCRETE.
7. CONCRETE SHALL BE CLASS B-5 SACK MIX WITH 3/4 INCH MAXIMUM AGGREGATE.
8. CONCRETE SHALL HAVE A SLUMP OF NOT MORE THAN 4 INCHES.
9. NO ADMIXTURES SHALL BE USED WITHOUT THE PERMISSION OF THE CITY ENGINEER.
10. 1/2" THICK EXPANSION JOINTS SHALL BE PLACED ON BOTH SIDES OF DRIVEWAY APPROACHES, CURB, GUTTER, AND SIDEWALK RETURN POINTS AND AT 20' ON CENTER.
11. WEAKENED PLANE JOINTS AT LEAST 1/2" DEEP SHALL BE PLACED AT THE CENTER OF DRIVEWAYS AND 20' ON CENTER.
12. 1/4" DEEP SCORE MARKS SHALL BE PLACED AS DESCRIBED IN THE STANDARD SPECIFICATIONS OR AS DIRECTED BY CITY ENGINEER.
13. NO CONCRETE SHALL BE PLACED UNTIL THE CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE HAS INSPECTED AND APPROVED FORMS OF SUBGRADE.
14. ALL EXPOSED EDGES SHALL BE ROUNDED WITH 1/2" RADIUS TOOL.
15. ALL SURFACES SHALL BE BROOM FINISHED UNLESS OTHERWISE NOTED.
16. CURBS, SIDEWALKS AND DRIVEWAY APPROACHES SHALL BE BACKFILLED WITHIN 7 DAYS AFTER PLACING CONCRETE. THIS SHALL INCLUDE ANY REQUIRED AC PATCHWORK.
17. FORM FACES SHALL NOT VARY FROM THE DIMENSIONS SHOWN BY MORE THAN .02 FEET. FORMS SHALL MEET GRADE.
18. UNLESS OTHERWISE SPECIFIED ON THE APPROVED PLANS, CONCRETE SHALL BE CURED BY MEANS OF THE IMPERVIOUS MEMBRANE METHOD.
19. A MINIMUM OF 6" OF ASPHALT SHALL BE REMOVED ALONG THE GUTTER LIP FOR THE INSTALLATION OF FORMS. FOR CURB AND GUTTER INSTALLATIONS AC SHALL BE BROUGHT TO FINISH GRADE OF FORMS AND TRANSITIONED AS REQUIRED BY THE CITY ENGINEER.
20. ALL FACE ANGLE INSTALLATIONS IN RETURNS SHALL MATCH EXISTING RADIUS OF CURB.



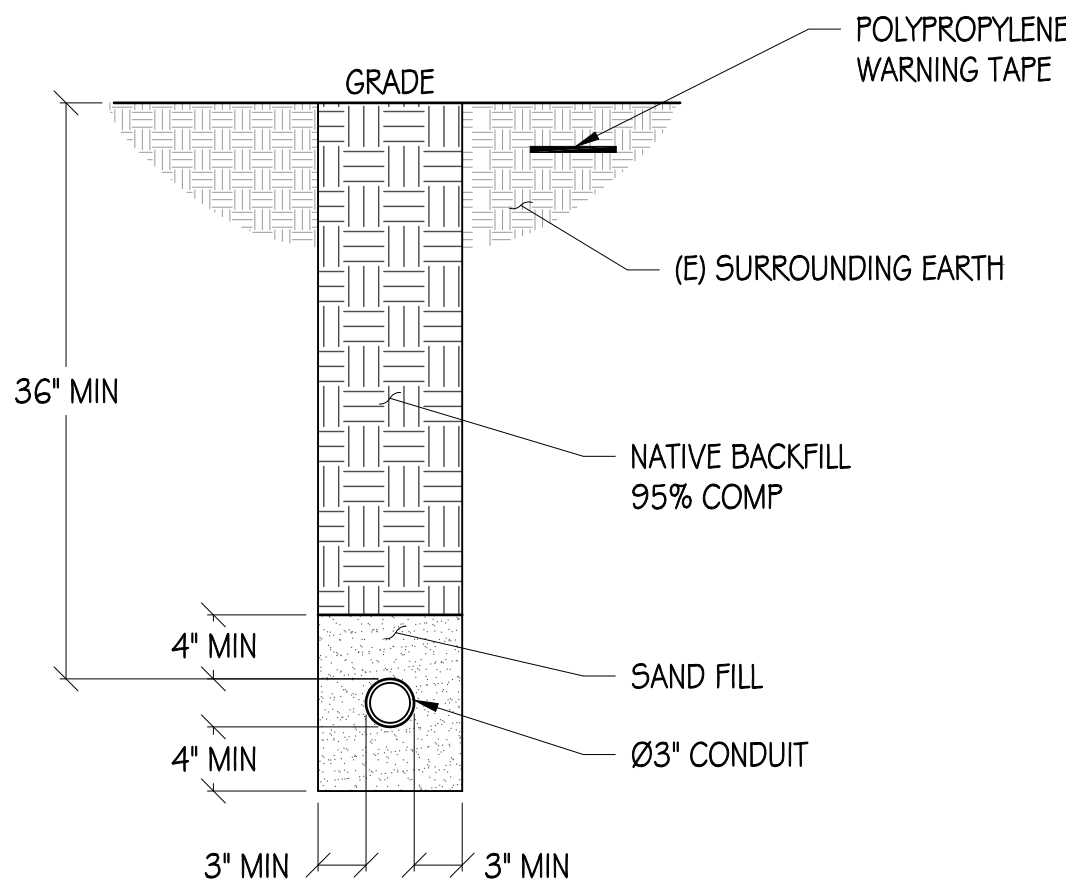
1 1/2"= 1'-0"



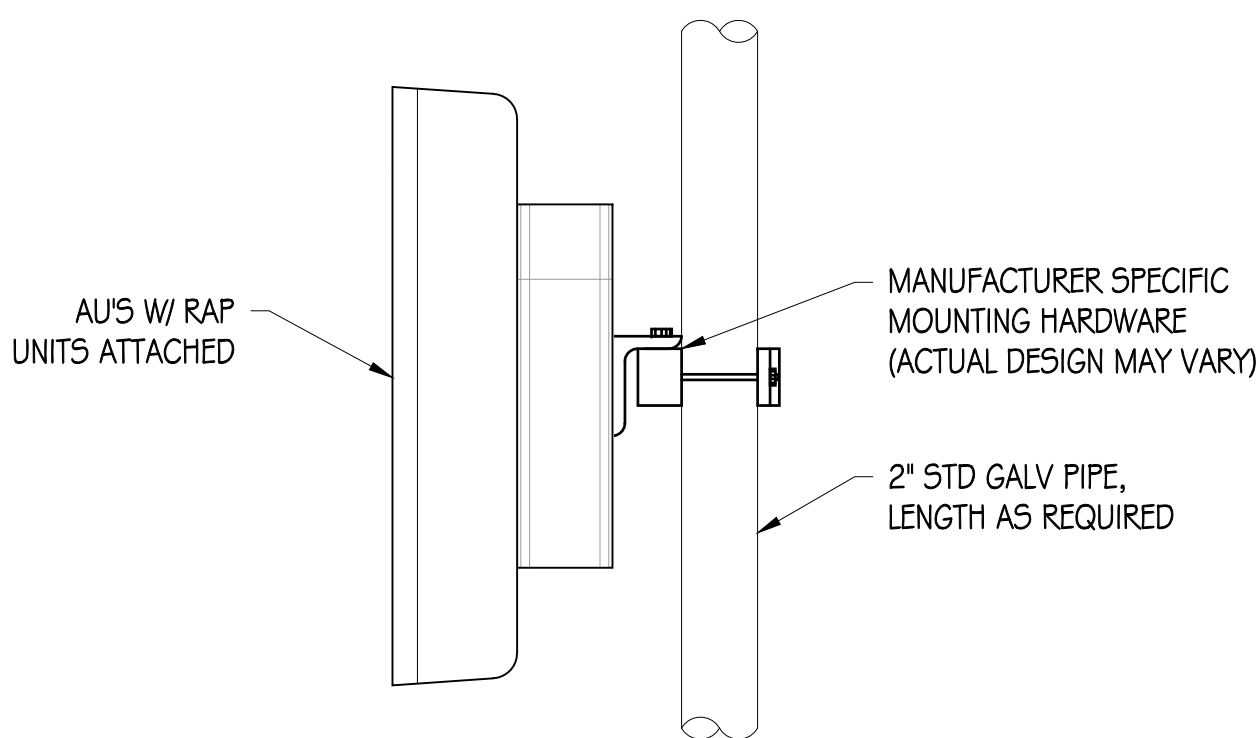
4 1"= 1'



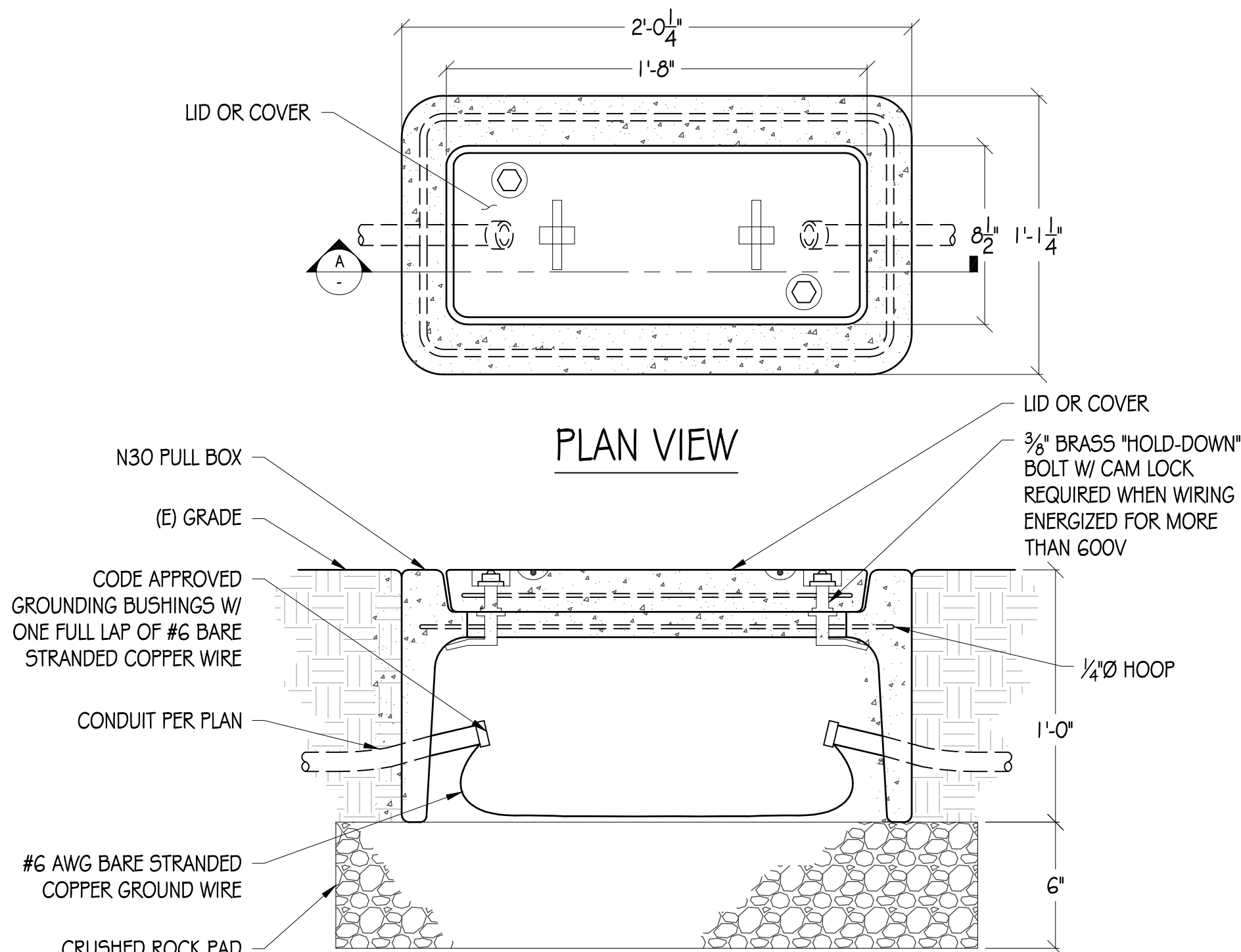
2 NTS



5 1"= 1'



3 NTS



6 1"= 6"



VERIZON WIRELESS
6696 TRI COUNTY PARKWAY, SUITE #100
SCHERTZ, TX 78154



608 E 3RD STREET
AUSTIN, TX 78701

PRECISION DESIGN
& Drafting, INC.
Phone: (530) 823-6546 www.pddid.com
11768 Alwood Rd, Suite 20 Auburn, CA 95603

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CHECKED BY: T. DICARLO

APPROVED BY: B. McCOMB

DATE: 07/11/19

SHEET TITLE:

CONSTRUCTION
DETAILS

SHEET NUMBER

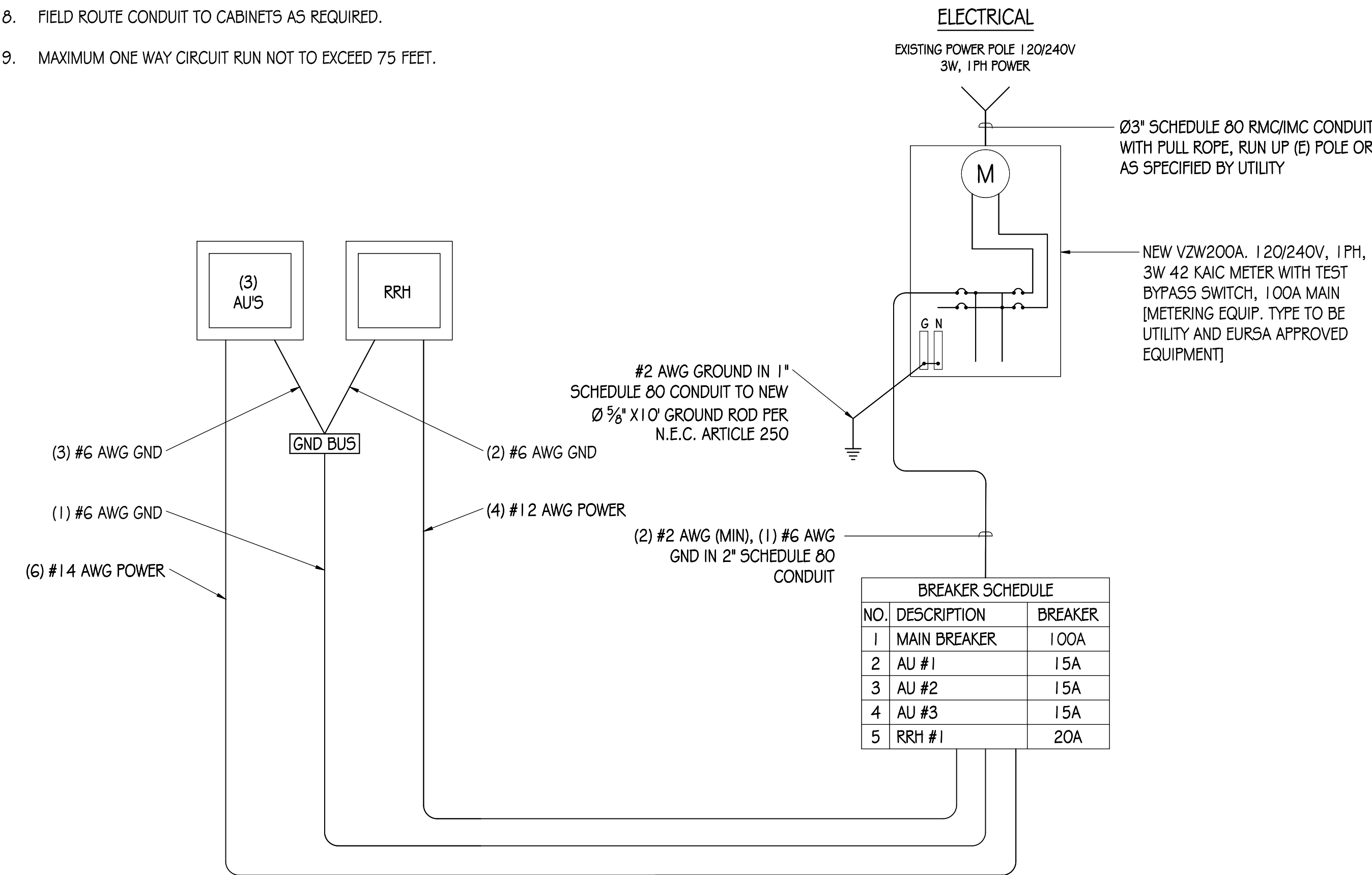
GN-2

GENERAL ELECTRICAL NOTES:

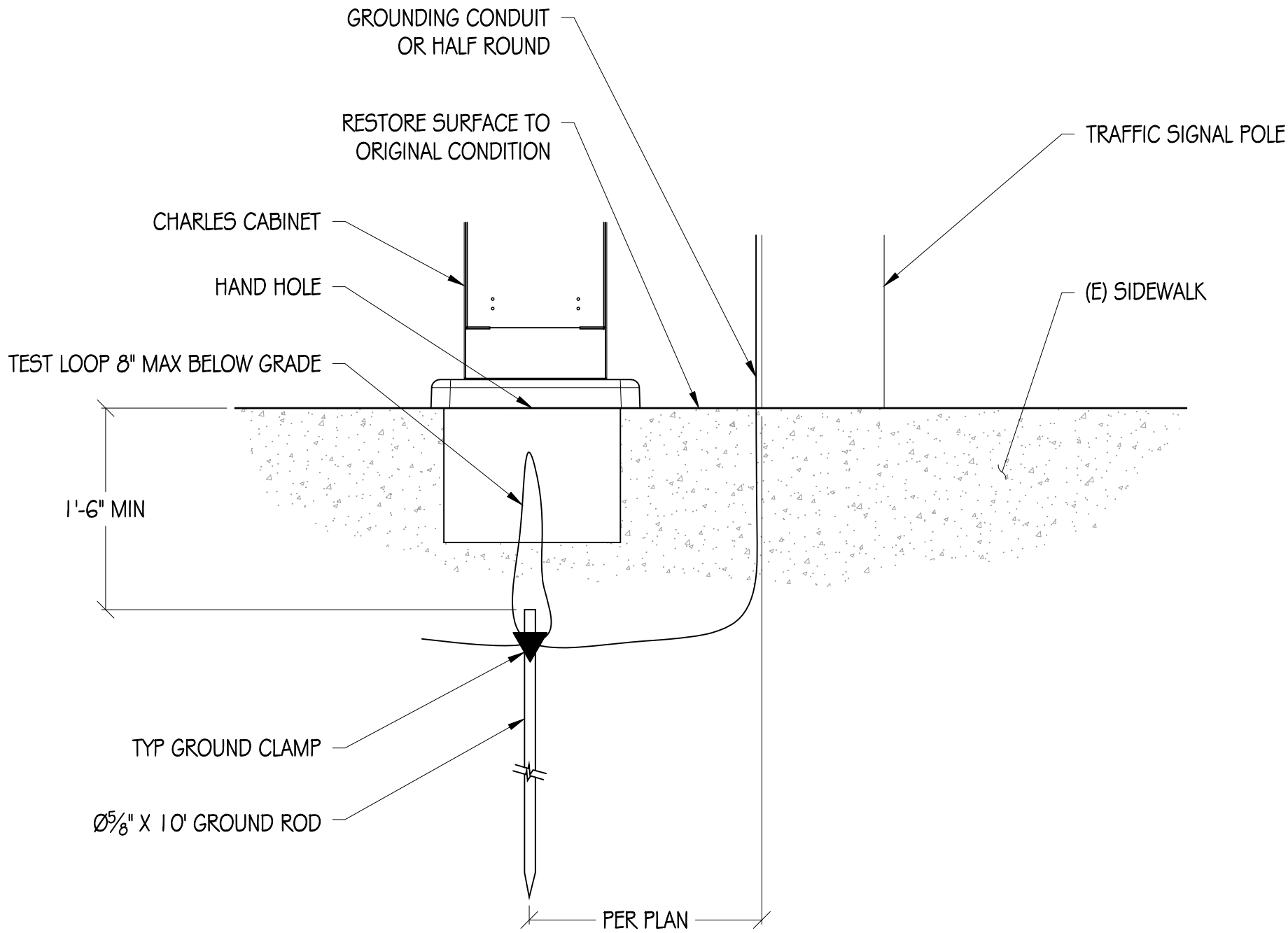
1. PROVIDE ALL ELECTRICAL WORK & MATERIALS AS SHOWN ON THE DWGS, AS CALLED FOR HEREIN, & AS IS NECESSARY TO FURNISH A COMPLETE INSTALLATION.
2. THE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT ADOPTED TEXAS ELECTRICAL CODE, ALL OTHER APPLICABLE CODES AND ORDINANCES & THE REQUIREMENTS OF THE FIRE MARSHALL. ALL EQUIPMENT & WIRING SHALL BEAR THE APPROVAL STAMP OF UNDERWRITERS LABORATORY (UL) OR AN APPROVED TESTING LABORATORY, PAYMENT FOR ALL INSPECTION FEES AND PERMITS ARE PART OF THIS CONTRACT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY AND GOOD CONDITION OF ALL MATERIALS & EQUIPMENT FOR THE ENTIRE INSTALLATION & UNIT COMPLETION OF WORK, ERECT & MAINTAIN APPROVED & SUITABLE BARRIERS, PROTECTIVE DEVICES & WARNING SIGNS, BE FULLY RESPONSIBLE FOR ANY LOSS OR INJURY TO PERSONS OR PROPERTY RESULTING FROM NEGLIGENCE AND/OR ENFORCEMENT OF ALL SAFETY PRECAUTIONS & WARNINGS.
4. COORDINATE THE ELECTRICAL INSTALLATION WITH ALL OTHER TRADES.
5. ALL SAW CUTTING, TRENCHING, BACK FILLING & PATCHING SHALL BE PART OF THIS CONTRACT.
6. FINALIZE ALL ELECTRICAL SERVICE ARRANGEMENTS, INCLUDING VERIFICATION OF LOCATIONS, DETAILS, COORDINATION OF THE INSTALLATION & PAYMENT OF ACCRUED CHARGES WITH LOCAL POWER COMPANY, VERIFY LOCATION FOR FACILITIES & DETAILS WITH POWER UTILITY, IN ADDITION TO THE REQUIREMENTS SHOWN IN THE CONTRACT DOCUMENTS, WORK SHALL COMPLY WITH CONSTRUCTION STANDARDS & SERVICE REQUIREMENTS OF THE RESPECTIVE UTILITIES, INCLUDING ANY SUPPLEMENTAL DWGS ISSUED & SHALL BE SUBJECT TO APPROVAL OF THESE UTILITIES.
7. ALL WIRING SHALL BE COPPER. INSULATION FOR BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE "THWN" CONDUCTORS LARGER AND #6 AWG MAY BE TYPE "THWN" OR "TWN".
8. PROVIDE CONDUIT SEALS FOR ALL CONDUITS PENETRATING WEATHERPROOFING OR WEATHERPROOF ENCLOSURE ENVELOPE. MASTIC SEAL ALL CONDUIT OPENING PENETRATIONS COMPLETELY WATERTIGHT.
9. UNLESS SHOWN OTHERWISE, FUSED DISCONNECT SWITCHES SHALL BE PROVIDED WITH LOW-PEAK, SIDAUL ELEMENT FUSES SIZED TO EQUIPMENT NAMEPLATE FUSE CURRENT RATING. MOTOR STARTERS SHALL BE PROVIDED WITH SIMILARLY SIZED FUSIBLE ELEMENTS, SWITCHES AND OTHER OUTDOOR EQUIPMENT SHALL BE RATED NEMA 3R AND/OR UL LISTED FOR WET ENVIRONMENT.
10. 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.

POWER AND TELCO NOTES:

1. POWER AND TELCO POINTS OF CONNECTION AND ANY EASEMENTS ARE PRELIMINARY AND SUBJECT TO CHANGE BY THE UTILITY COMPANIES.
2. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY FOR FINAL AND EXACT WORK/MATERIALS REQUIREMENTS AND CONSTRUCT TO UTILITY ENGINEERING PLANS AND SPECIFICATIONS ONLY WHERE APPLICABLE PER PROJECT SCOPE OF WORK.
3. CONTRACTOR SHALL FURNISH AND INSTALL CONDUIT, PULL WIRES, CABLE PULL BOXES, CONCRETE ENCASEMENT OF CONDUIT, TRANSFORMER PAD, BARRIERS, POLE RISER TRENCHING, BACK FILL, AND UTILITY FEES, AND INCLUDE REQUIREMENTS IN SCOPE.
4. CONTRACTOR SHALL LABEL ALL MAIN DISCONNECT SWITCHES AS REQUIRED BY CODE.
5. CONTRACTOR SHALL PROVIDE METER WITH DIST. PANEL AND BREAKERS FOR POWER TO THE BTS UNITS AND THE BTS/ UTILITY CABINET.
6. ALL SERVICE EQUIPMENT AND INSTALLATIONS SHALL COMPLY WITH THE N.E.C. AND UTILITY COMPANY AND LOCAL CODE REQUIREMENTS.
7. CONTRACTOR SHALL PROVIDE ELECTRICAL SERVICE ENTRANCE EQUIPMENT WITH FAULT CURRENT RATINGS GREATER THAN THE AVAILABLE FAULT CURRENT FROM THE POWER UTILITY.
8. FIELD ROUTE CONDUIT TO CABINETS AS REQUIRED.
9. MAXIMUM ONE WAY CIRCUIT RUN NOT TO EXCEED 75 FEET.



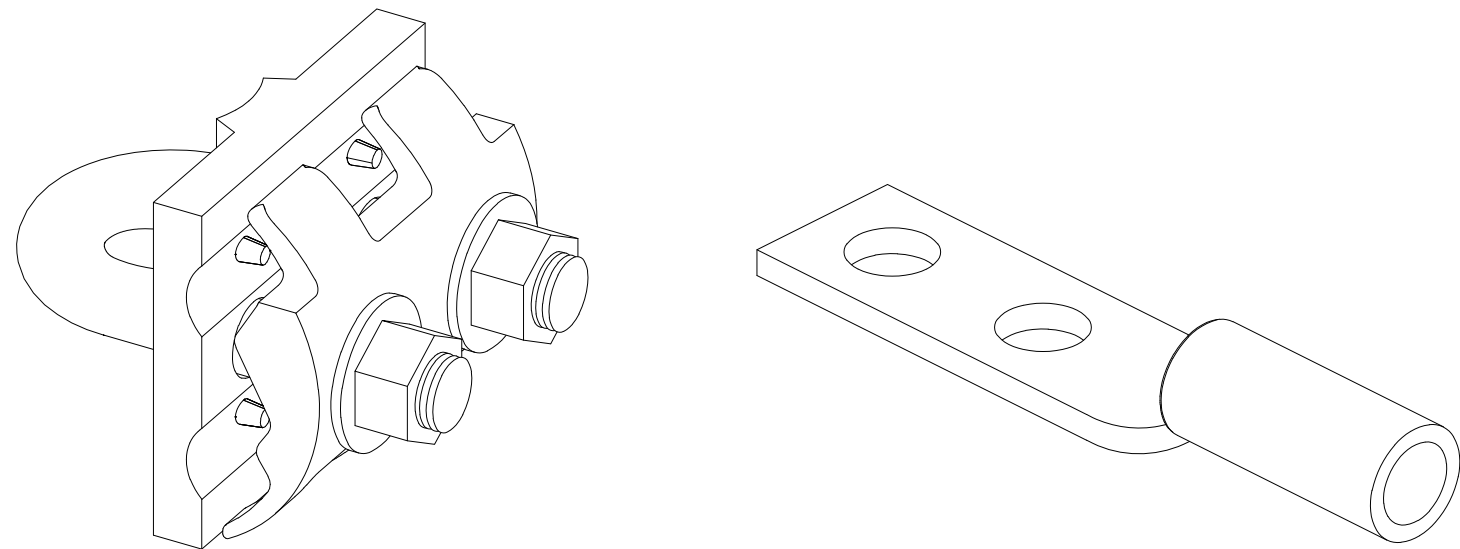
SINGLE-LINE DIAGRAM



NOTES:

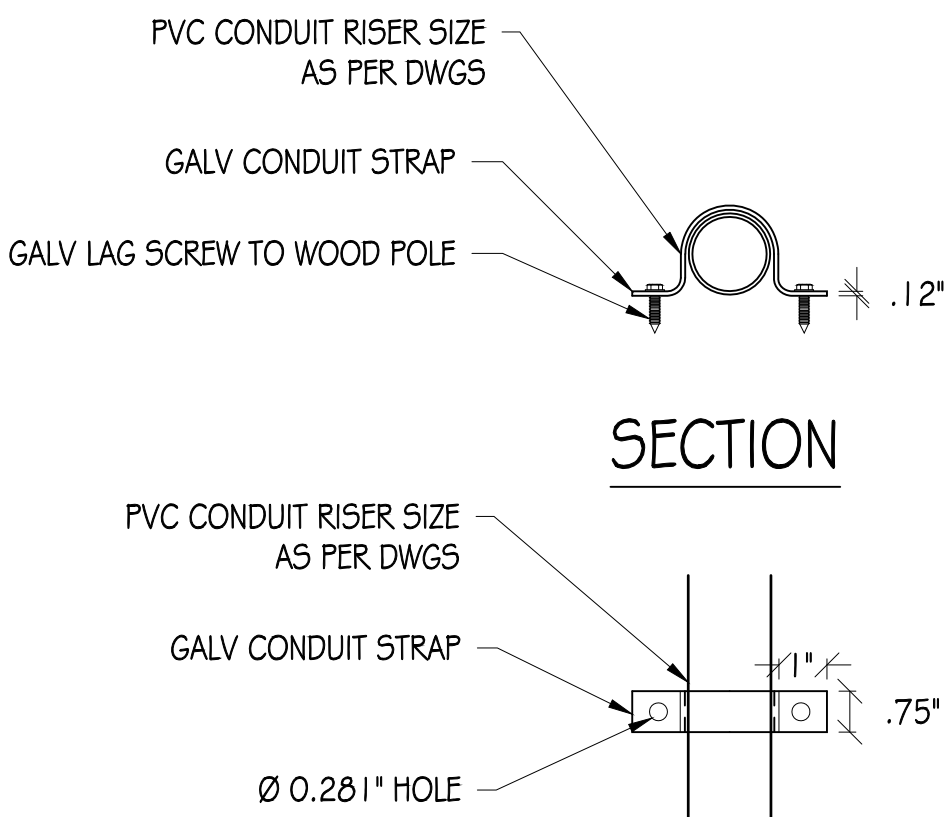
1. IF GROUND ROD IS INSTALLED ON SIDEWALK AREA, CORE DRILL SIDEWALK PRIOR TO INSTALLING INSPECTION WELL
2. EXPOSED CONCRETE TO HAVE BROOM FINISH

1 POLE GROUNDING DETAIL
NTS

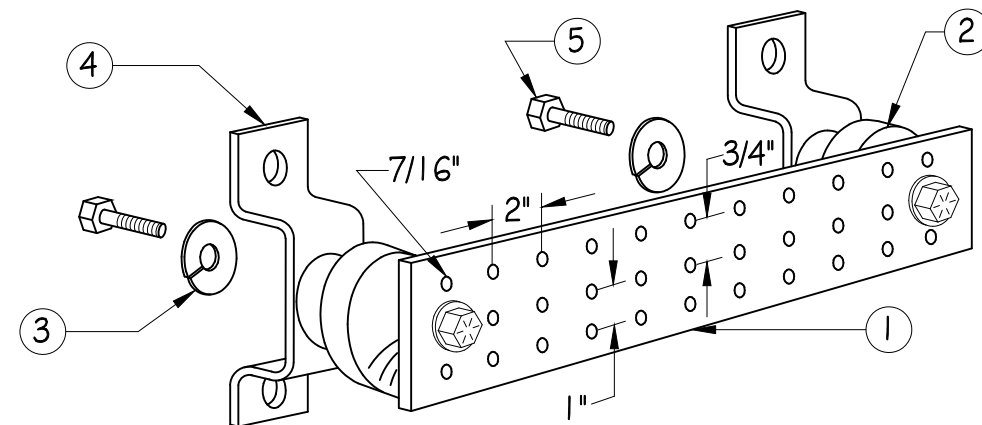


GROUND ROD WIRE CLAMP 2-HOLE LB GROUND LUG

2 TYP MECHANICAL CONNECTIONS
NTS



3 CONDUIT RISER DETAIL
NTS



NOTES:

1. GALVANIZED STEEL 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.

4 GROUND BAR DETAIL
NTS



VERIZON WIRELESS
6696 TRI COUNTY PARKWAY, SUITE #100
SCHERTZ, TX 78154

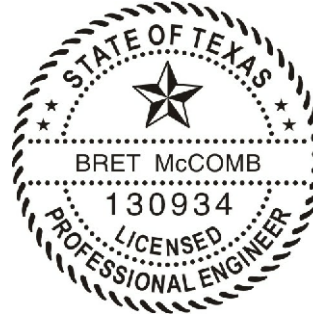


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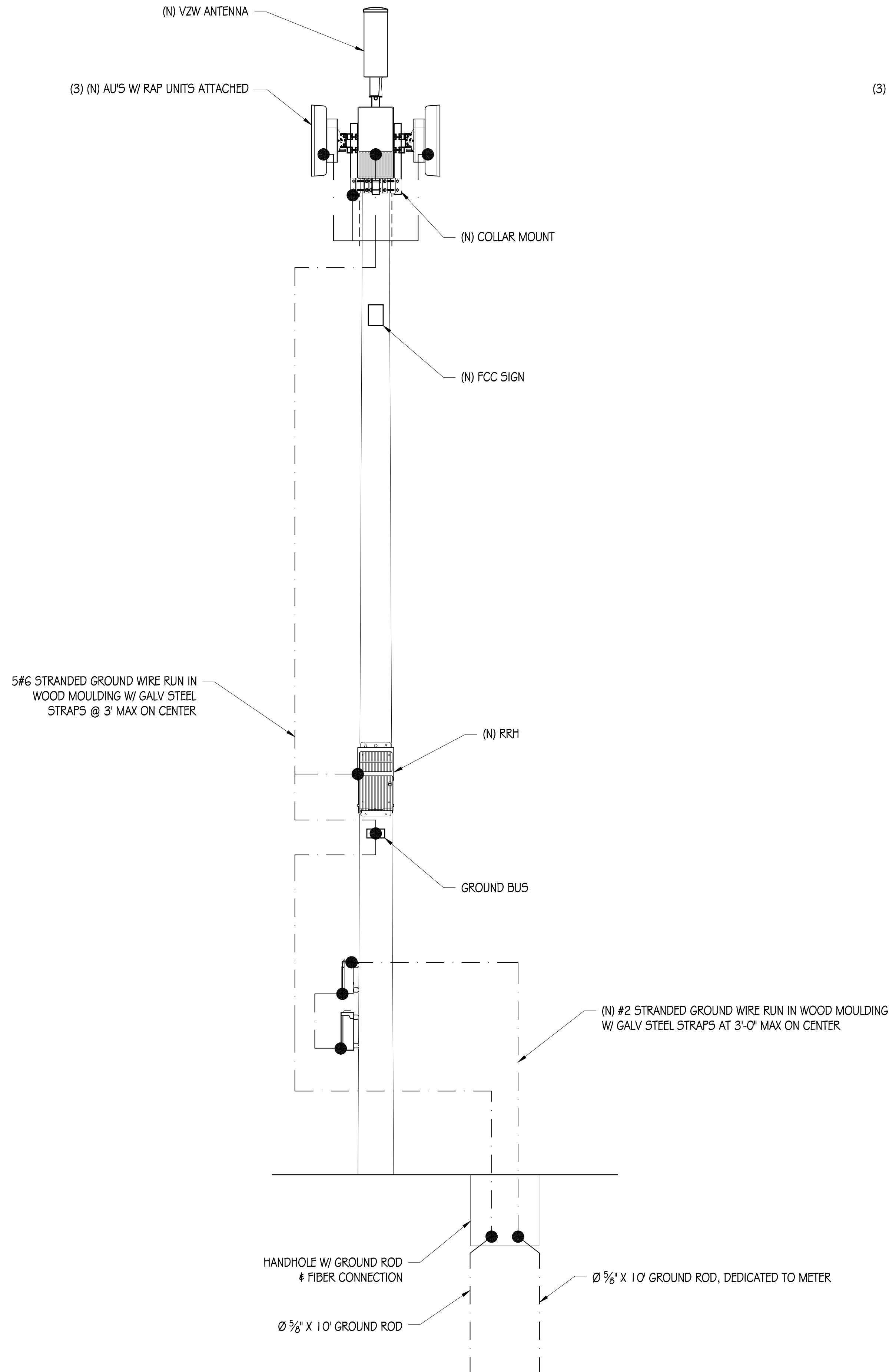
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APPROVED BY:	B. McCOMB
DATE:	07/11/19

SHEET TITLE:

SINGLE-LINE DIAGRAM
& DETAILS

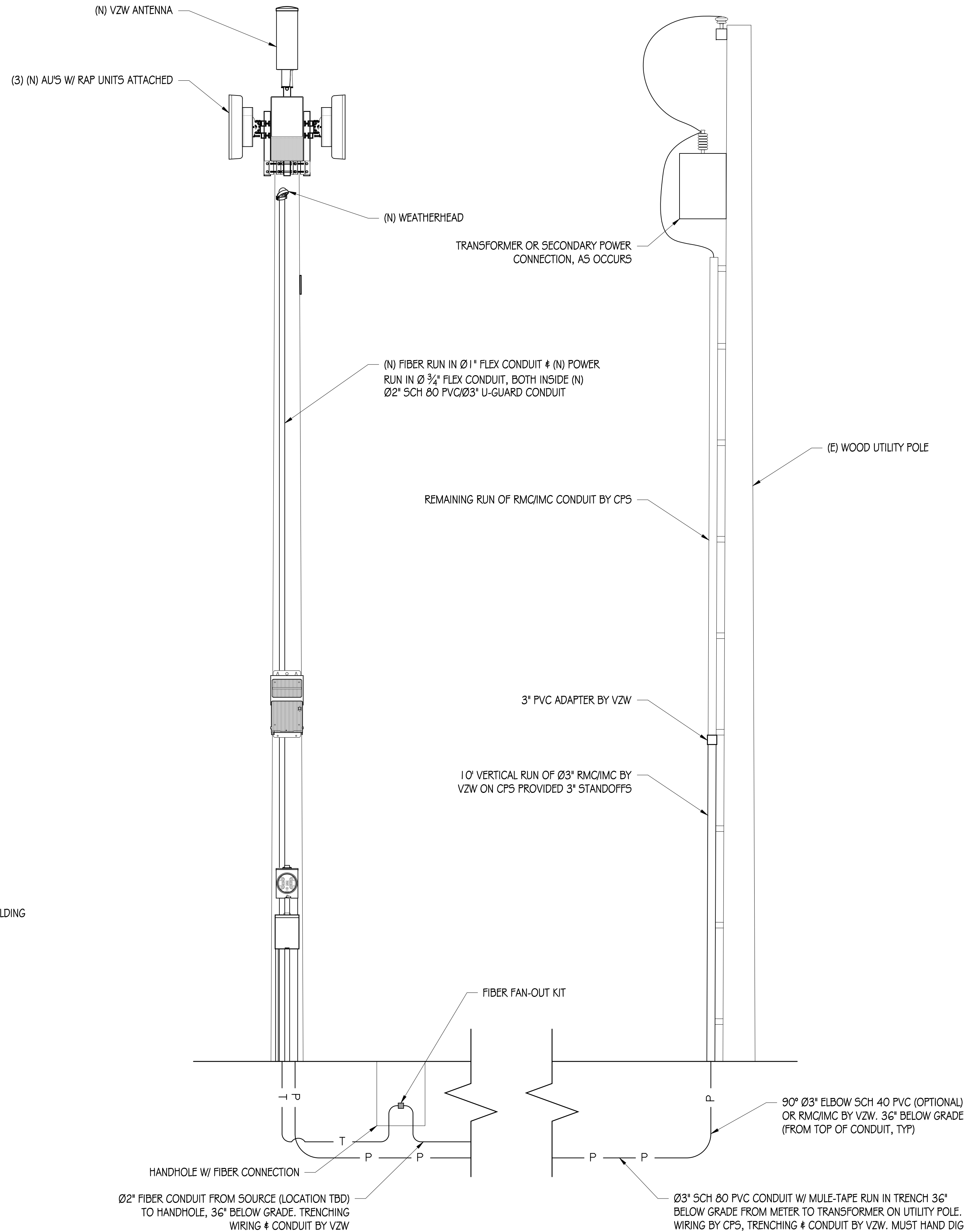
SHEET NUMBER

E-1



POLE GROUNDING DIAGRAM

NTS



POWER CONNECTION DIAGRAM

NTS



VERIZON WIRELESS
6696 TRI COUNTY PARKWAY, SUITE # 100
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DATE: 07/11/19

SHEET TITLE:

ELECTRICAL
DIAGRAMS

SHEET NUMBER

E-2

HDRC HEARING

Verizon Wireless

San Antonio, TX
February 17, 2021

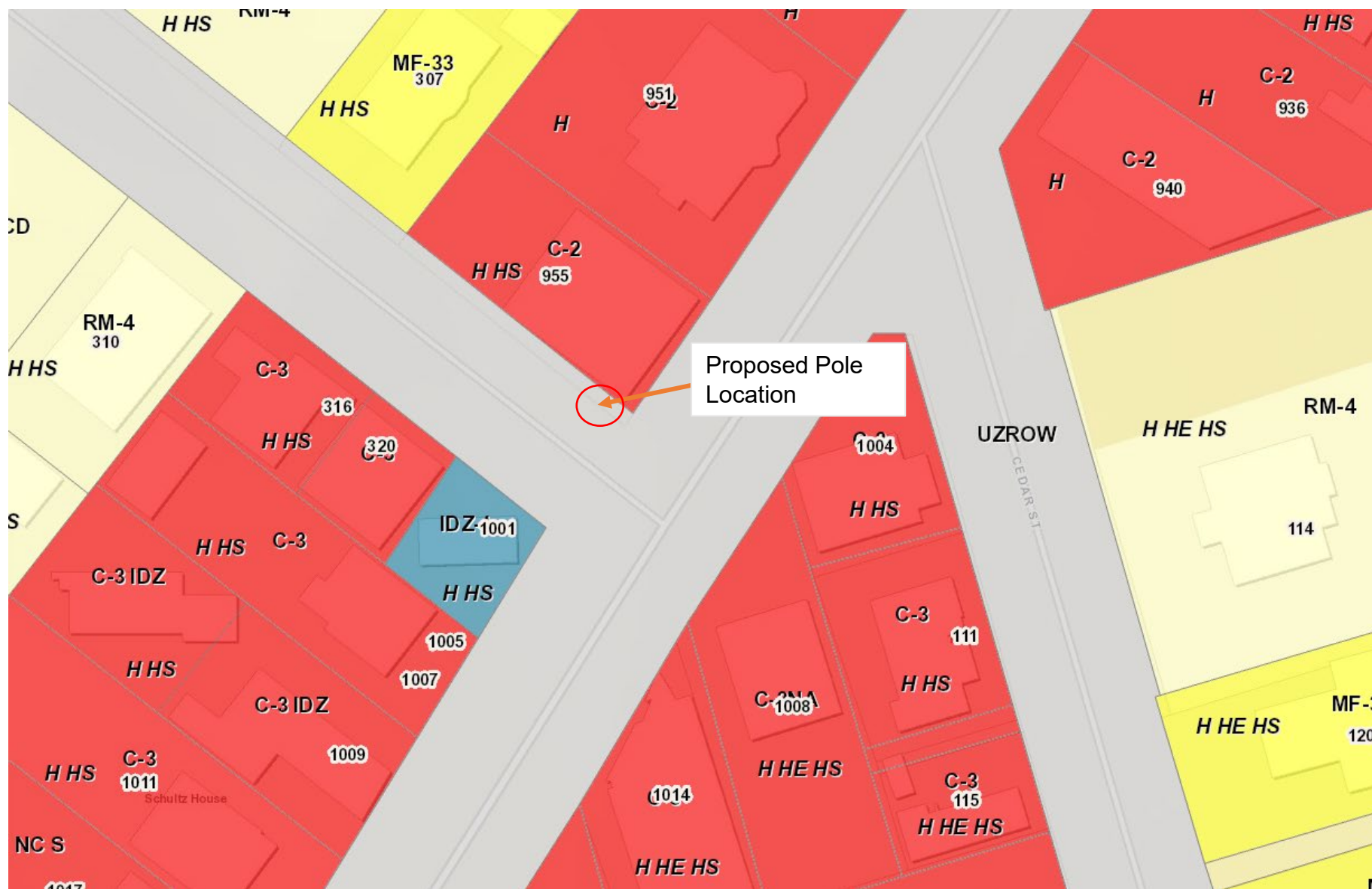
METHODOLOGY FOR SITE SELECTION

Once a significant coverage/capacity gap is determined, Verizon Wireless seeks to identify a site that will provide a solution through the “least intrusive means” based upon Verizon Wireless’s experience with designing similar facilities and working within local regulations.

In addition to seeking the “least intrusive” alternative, sites proposed by Verizon Wireless must be feasible. In this regard, Verizon Wireless reviews the topography, radio frequency propagation, elevation, height, available electrical and telephone utilities, access, and other critical factors. Wherever feasible, Verizon Wireless seeks to identify collocation opportunities on existing structures within the ROW that allow placement of wireless facilities with minimal impacts.

VERIZON SITE ID: KINGWILLIAM02_SC
SMALL CELL PERMIT: 355719
ADDRESS: 329 BEAUREGARD RD
COORDINATES: 29.414036 -98.490978
SMALL CELL DESIGN: Verizon Brand New Wood Pole
SPECIAL DISTRICT: King William
HISTORIC SITE: HS-0287





EXISTING PHOTOS (NW CORNER OF BEAUREGARD AND S ALAMO ST INTERSECTION)



LOOKING W AT SUBJECT SITE



LOOKING N AT SUBJECT SITE



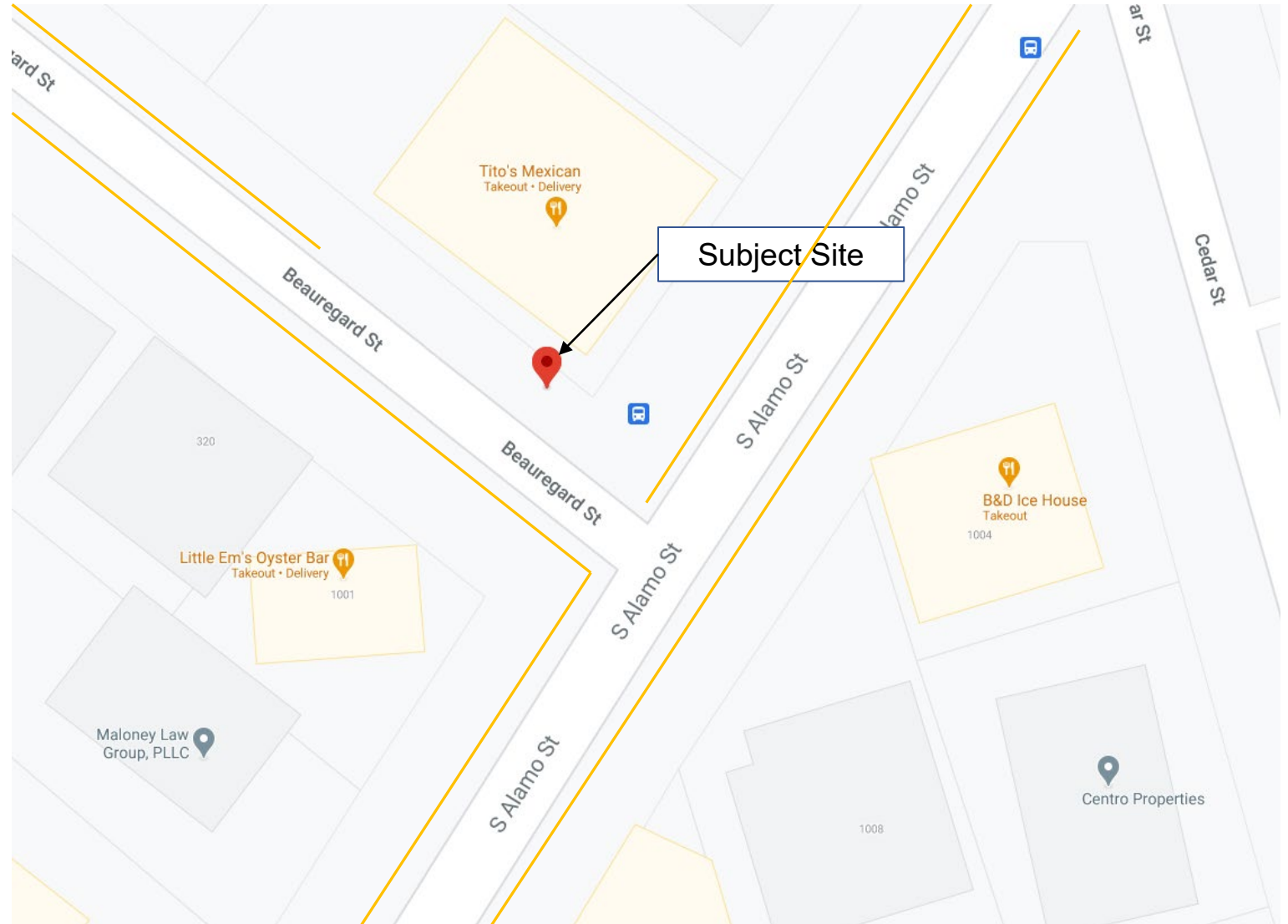
LOOKING NE AT SUBJECT SITE

Photo Simulation



ALTERNATIVES ANALYSIS

Existing CPS wood utility poles – not viable due to the pole having transformers, air switches or other CPS equipment on them that CPS does not allow (see next page)



ALTERNATIVES ANALYSIS

No existing viable vertical assets. All nearby CPS poles are not viable colocation candidates since they are either transformer poles or have risers on them which CPS doesn't allow



CPS Energy
Pole Attachment Standards

Attachment did not meet the clearance requirements set forth in the Standards at the time of installation or modification, or may create a potential to disrupt or impair CPS Energy Facilities or endanger the general safety of people or facilities.

- a) Steel Poles. CPS Energy will consider requests by an Attaching Entity to access existing distribution steel Poles.
 - (i) Steel Poles. Attachments must be firmly secured with clamps and/or stainless steel banding. The drilling of any additional holes into steel Poles or associated equipment is prohibited. The only exception permitted is the use of a self-tapping set screw for grounding of equipment on steel Poles. Regarding Wireless Installations, a Wireless Provider may request access to a steel Pole or Overhead Streetlight Pole provided the components of the Wireless Installation are secured with clamps. All Riser cables necessary to connect the components of the Wireless Installation must be installed outside the steel Pole using a U-Guard, provided the structural integrity of the Pole is maintained.
- b) Distribution Poles with Overhead Street Lights. Subject to these Standards, CPS Energy will provide access to Overhead Streetlights for the purpose of accommodating Wireless Installations, provided that such installations do not interfere with the maintenance and operation of the Overhead Streetlights.
- c) Transmission Structures. CPS Energy's transmission poles, towers, or other structures are outside of the scope of these Standards and the Pole Attachment, Wireless Installation Agreement, or Banner Attachment Agreement. No Attachments, Wireless Installations, or Banner Attachments are permitted on CPS Energy transmission poles, towers, or other structures regardless of the presence of distribution under-build facilities.
- d) Poles with Distribution Equipment Installed. Wireless Installations are prohibited on any CPS Energy Pole that has electric distribution equipment installed on them such as, but not limited to: transformers, capacitors, reclosers, sectionalizers, voltage-regulators, voltage-regulator racks, primary metering, etc.



CPS Energy
Pole Attachment Standards

Wireless Equipment Cabinet to confirm that the structure is suitable for the installation. Wireless Equipment Cabinets may not be installed on:

1. Junction Poles (a Pole where the CPS Energy primary electric distribution line runs in three or more directions);
2. Poles that are 60 feet or greater in size;
3. Transmission poles;
4. Poles with a Wireless Equipment Cabinet or Banner Attachment already installed by another Attaching Entity;
5. Poles with cabinets containing controls such as fire alarm, police signal, or traffic signals;
6. Poles with capacitor controls, regulator controls, recloser controls, air switch operating handles, or an existing three-phase overhead transformer bank;
7. Poles with single-phase transformers that are not accessible to mechanized equipment (i.e., a bucket truck); and
8. Poles with underground electric or communication Riser conduits;
9. Poles not accessible to mechanized equipment (i.e., a bucket truck).
10. Pole structures used for guying purposes only and with no electric distribution equipment or wires.

RESPONSES TO STAFF FINDINGS

- COLLOCATION - Documented efforts to explore a nearby collocation have not been submitted.
 - RESPONSE: See previous two slides. There are no viable existing collocatable poles in the immediate area where Verizon's radio frequency engineer has noted a need for coverage/data capacity improvements
- SEPARATION – The proposed pole is not separated from existing poles by more than 250 feet.
 - RESPONSE: Although Verizon is aware that it is under OHP's discretion to not allow new network node poles if they are within 250' ft of an existing utility structure, OHP has allowed Verizon and other carriers to install new network node support poles within 250' of existing structures in the past
- DIAMETER – The proposed pole is not less than 8 inches at its widest portion.
 - RESPONSE: Unfortunately, having installing Verizon's equipment on poles that are less than 8" in diameter would not be technologically feasible, as the poles would not be able to structurally handle the load of the equipment. The proposed pole to be installed would have a diameter of 11.6". The existing CPS wood utility poles in the vicinity have diameters of 15.6", so the proposed Verizon pole would have less of a diameter than pole in the area.
- DESIGN – Matching wood material to existing poles does not constitute a stealth aesthetic.
 - RESPONSE: Verizon is proposing to have all the proposed equipment on the pole to match the color of the wood pole. There are no other current ways to stealth the proposed equipment without adding a large amount of bulk/dimension to the design. The proposed design has been approved in other historic districts locations on past HDRC agendas.