

## GENERAL NOTES

1. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK. THE WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
2. THE ARCHITECT/ENGINEER HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
3. THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE PEPCO REPRESENTATIVE OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK. IN THE EVENT OF DISCREPANCIES, THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED IN WRITING OTHERWISE.
4. THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.
5. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE SUBMISSION OF BIDS OR PERFORMING WORK TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
6. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.
7. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S/VENDOR'S SPECIFICATIONS UNLESS OTHERWISE NOTED OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
8. THE CONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDUMS OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
9. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY, OR LOCAL GOVERNMENT AUTHORITY.
11. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVEMENTS, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
12. THE CONTRACTOR SHALL MAINTAIN THE GENERAL WORK AREA AS CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. PREMISES SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
13. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
14. THE CONTRACTOR SHALL NOTIFY THE PEPCO REPRESENTATIVE WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT UNTIL CONFLICT IS RESOLVED BY THE PEPCO REPRESENTATIVE.
15. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.
16. THE CONTRACTOR SHALL SUBMIT SHOP DRAWING FOR ALL EQUIPMENT/MATERIALS AS DIRECTED IN THESE DRAWINGS. SHOP DRAWINGS SHALL BE SUBMITTED FOR ARCHITECTURAL FINISHES, HARDWARE, ETC.; STRUCTURAL COMPONENTS; AND SERVICE EQUIPMENT ETC.

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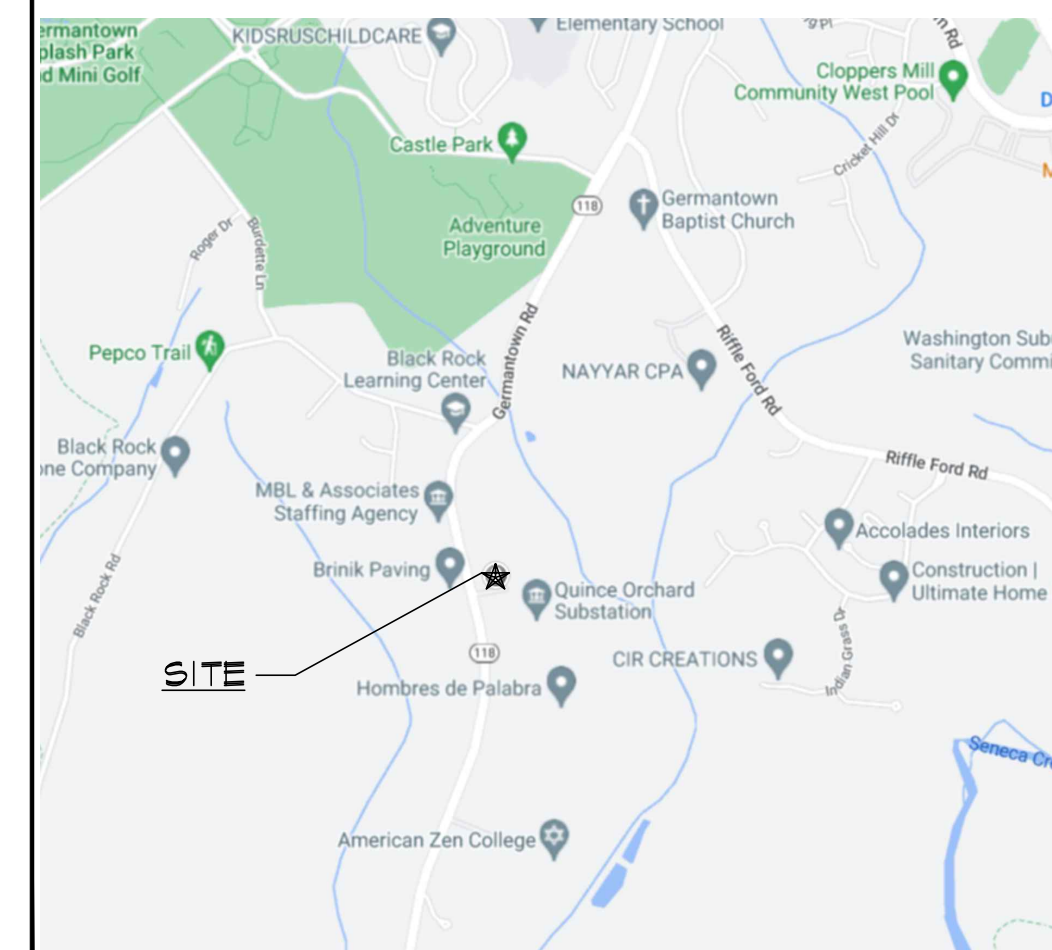
## CODE ANALYSIS

APPLICABLE BUILDING CODE:	IBC 2018
USE GROUP:	UTILITY (U)
CONSTRUCTION TYPE:	5B NONCOMBUSTIBLE/

## APPROVAL BLOCK

BUILDING OWNER	DATE
ENGINEERING	DATE
OPERATIONS	DATE
CONSTRUCTION	DATE

## VICINITY PLAN



## PROJECT DESCRIPTION

THE PROPOSED FACILITIES WILL CONSIST OF ONE (1) TEMPORARY BALLASTED MONOPOLE INSTALLED ALONG A TEMPORARY GRAVEL BASE. PEPCO WIRELESS WILL INSTALL ONE (1) WHIP ANTENNA AT A BASE ELEVATION OF 150'-0" ABOVE GRADE LEVEL AND ONE (1) WHIP ANTENNA AT A BASE ELEVATION OF 140'-0" ABOVE GRADE LEVEL. PEPCO WILL INSTALL (2) 1 1/8" DIAMETER COAX CABLES FROM THE EXISTING EQUIPMENT BUILDING IN THE ADJACENT SUBSTATION TO THE TEMPORARY MONOPOLE LOCATION USING AN EXISTING DUCT BANK AND ABOVE GRADE SLEEPERS.

## DIRECTIONS TO SITE

- FROM 101 9TH STREET NW, WASHINGTON, DC 20068:
1. GET ON I-395 S
  2. HEAD SOUTH ON 9TH ST NW TOWARD G PL NW
  3. CONTINUE ONTO 9TH ST EXPY
  4. USE THE RIGHT LANE TO TAKE THE INTERSTATE 395 RAMP TO RICHMOND
  5. MERGE ONTO I-395 S
  6. USE THE RIGHT LANE TO STAY ON I-395 S
  7. TAKE EXIT 106 FOR GEORGE WASH MEM PKWY TOWARD MEMORIAL BRIDGE
  8. MERGE ONTO GEORGE WASHINGTON MEM PKWY
  9. TAKE THE EXIT ONTO I-445 N TOWARD MARYLAND
  10. USE THE LEFT 3 LANES TO TURN SLIGHTLY LEFT ONTO I-270 SPUR N (SIGNS FOR I-270)
  11. CONTINUE ONTO I-270 N
  12. TAKE EXIT 15B TO MERGE ONTO MD-118 S/GERMANTOWN RD TOWARD GERMANTOWN
  13. MERGE ONTO MD-118 S/GERMANTOWN RD DESTINATION WILL BE ON THE LEFT



### PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 37728, EXPIRATION DATE: 10/16/24.

pepco holdings  
AN EXELON COMPANY  
QUINCE ORCHARD TEMP (VZA: DARNESTOWN TEMP)  
17101 GERMANTOWN ROAD  
GERMANTOWN, MD 20874 (MONTGOMERY COUNTY)

### REVISIONS:

NO.	DESCRIPTION	DATE

PERMIT DWGS: 10/16/24

DESIGNED BY: JT

DRAWN BY: AJL

PROJECT NO.: 19981.038

DATE: 10/07/2024

SCALE: AS NOTED

TITLE:

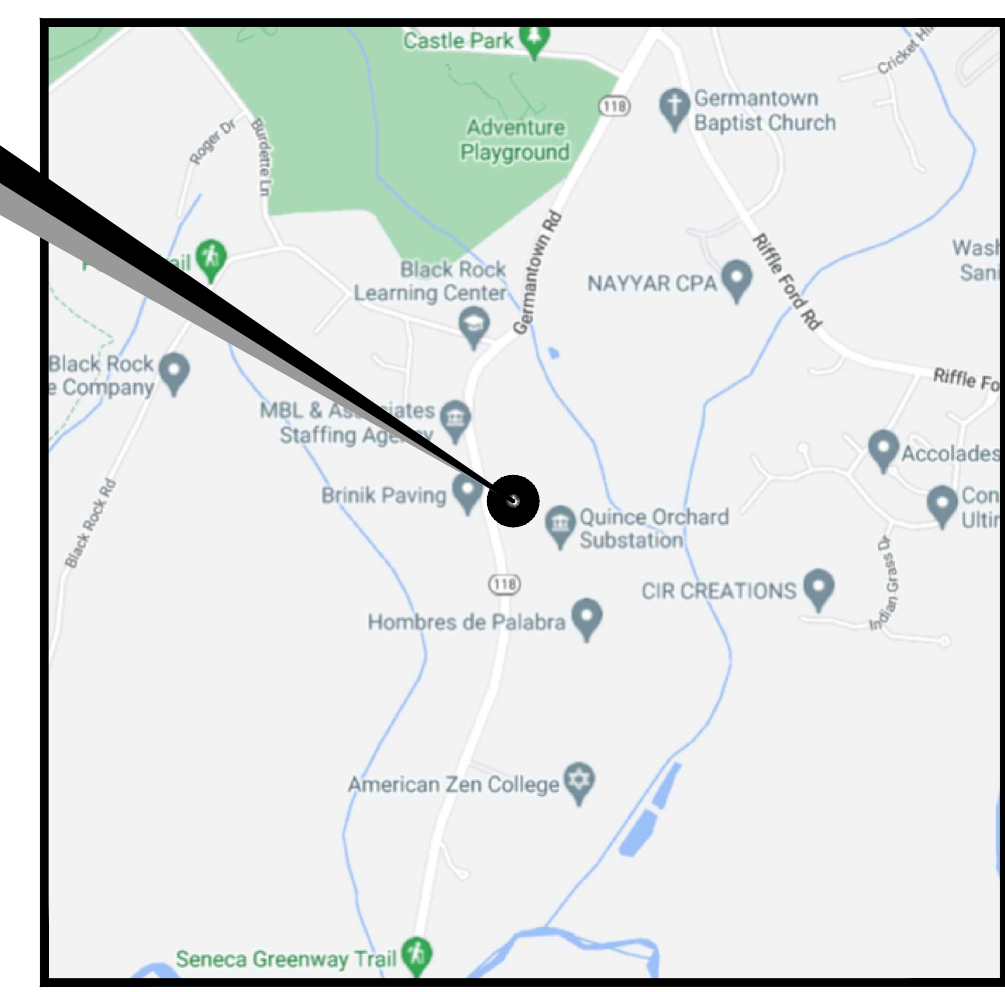
Cover Sheet

SHEET:

CS-1



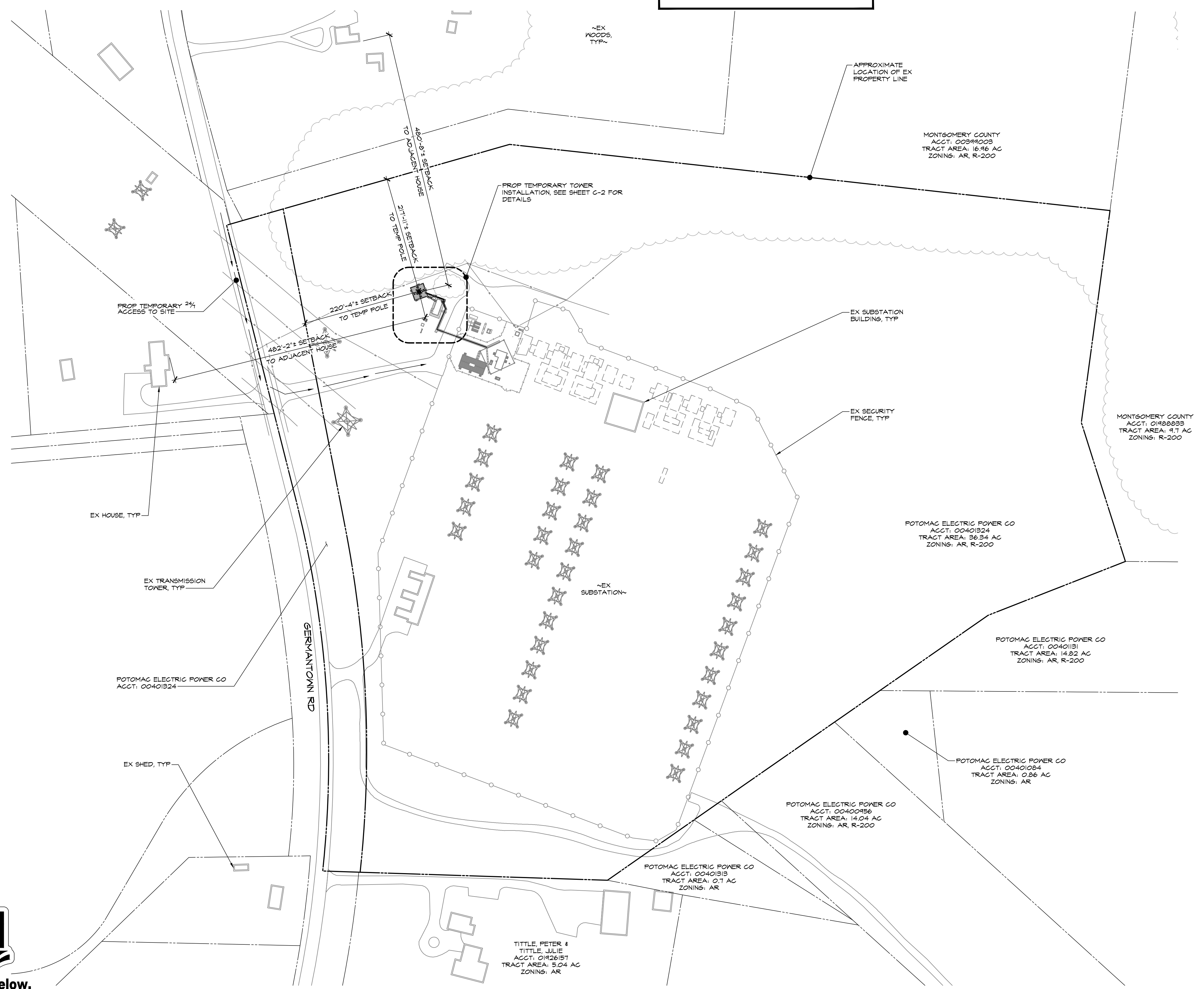
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**MRA**  
**MORRIS & RITCHIE ASSOCIATES, INC.**  
 Civil / Structural Engineers  
 1320-B East Joppa Rd, Suite 400K  
 Towson, Maryland 21286  
 410-821-1600  
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STATE OF MARYLAND  
**JACOB TORONEY**  
 PROFESSIONAL ENGINEER  
 No. 37728  
 10/16/24

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- SITE NOTES:**
1. APPLICANT: PEPCO HOLDINGS INC, 101 9TH STREET NW, WASHINGTON, DC 20068-0001 (202) 872-2000
  2. PROPERTY OWNER: POTOMAC ELECTRIC POWER CO, C/O CORP TAX DEPT, 91E 5617, 101 9TH ST NW, WASHINGTON, DC 20068-0001
  3. SITE DATA: PARCEL ID: 00401324, TRACT AREA: 36.3400 ACRES, DISTRICT: 06, ADDRESS: GERMANTOWN RD, GERMANTOWN, MD 20874, EXISTING USE: SUBSTATION, TELECOMMUNICATIONS
  4. ZONING: AR (AGRICULTURAL RESERVE), R-200 (RESIDENTIAL - 200 ZONE)
  5. HORIZONTAL AND VERTICAL CONTROL SHOWN HEREON IS BASED ON SATELLITE IMAGERY PROGRAMS AND INFORMATION PROVIDED BY PEPCO. LATITUDE: 39.15785 (N81° 08' 16.62"), GROUND ELEVATION: 874.0' AMSL (AVG.), LONGITUDE: -77.243664 (W77° 14' 37.41")
  6. TOTAL DISTURBED AREA = 750 SF±
  7. THE PROPOSED FACILITIES WILL CONSIST OF ONE (1) TEMPORARY BALLASTED MONOPOLE INSTALLED ALONG A TEMPORARY GRAVEL BASE. PEPCO WIRELESS WILL INSTALL ONE (1) WHP ANTENNA AT A BASE ELEVATION OF 150'-0" ABOVE GRADE LEVEL, AND ONE (1) WHP ANTENNA AT A BASE ELEVATION OF 140'-0" ABOVE GRADE LEVEL. PEPCO WILL INSTALL (2) 1/2" DIAMETER COAX CABLES FROM THE EXISTING EQUIPMENT BUILDING IN THE ADJACENT SUBSTATION TO THE TEMPORARY MONOPOLE LOCATION USING AN EXISTING DUCT BANK AND ABOVE GRADE SLEEPERS.
  8. THE STRUCTURE WILL NOT SUPPORT LIGHTS OR SIGNS UNLESS REQUIRED FOR AIRCRAFT WARNING OR OTHER SAFETY RECORDS.
  9. THE APPLICANT WILL PROVIDE A CERTIFICATION FROM A REGISTERED ENGINEER THAT THE STRUCTURE WILL MEET THE APPLICABLE DESIGN STANDARDS FOR WIND LOADS PER THE REQUIREMENTS OF THE TELECOMMUNICATIONS INDUSTRY ASSOCIATION.
  10. IF THE ANTENNAS ARE NO LONGER USED FOR TELECOMMUNICATIONS PURPOSES FOR A CONTINUOUS PERIOD OF ONE (1) YEAR, THEY SHALL BE REMOVED BY THE ANTENNA OWNER AT OWNER'S EXPENSE.
  11. NO WATER OR SANITARY UTILITIES ARE REQUIRED FOR THE OPERATION OF THIS FACILITY.
  12. STORMWATER MANAGEMENT NOTE: NO STORMWATER MANAGEMENT IS REQUIRED FOR THIS SITE.
  13. BOUNDARY SHOWN PER COUNTY RECORDS.
  14. THIS PLAN PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. PLAN IS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.
  15. ALL DETAILS SHOWN ARE "STANDARD" OR "TYPICAL" FOR REFERENCE ONLY. FOR ACTUAL DETAILS, SEE ARCHITECTURAL, STRUCTURAL OR CONSTRUCTION PLANS BY OTHERS.
  16. STRUCTURAL ANALYSIS/DESIGN TO BE PERFORMED BY OTHERS AT CLIENT AND/OR OWNER'S DISCRETION PRIOR TO COMMENCEMENT OF ANY WORK.
  17. THE TEMPORARY COMMUNICATION FACILITY SHALL BE UNMANNED, WITH INFREQUENT VISITS (FOUR OR FEWER PER YEAR) BY MAINTENANCE PERSONNEL, AND WITH ACCESS AND PARKING FOR NO MORE THAN ONE VEHICLE. THE PROPOSED FACILITY IS NOT FOR HUMAN HABITATION AND THEREFORE HANDICAP ACCESS IS NOT REQUIRED.
  18. THE PROPOSED COMMUNICATIONS ANTENNAS AND RELATED MOUNTING DEVICES DO NOT EXCEED TWELVE (12) FEET IN TOTAL HEIGHT.
- GENERAL NOTES:**
1. CONTRACTOR SHALL NOTIFY "MISS UTILITY" (811) 48 HOURS PRIOR TO DOING ANY EXCAVATION IN THIS AREA. CONTRACTOR SHALL CONTACT A SUBSURFACE UTILITY LOCATOR FOR LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL VERIFY EXISTING UTILITY LOCATIONS BY TEST PIT AS NECESSARY. LOCATION OF UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND FOR PLANNING PURPOSES ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. DAMAGE TO UTILITIES OR PROPERTY OF OTHER BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED TO PRECONSTRUCTION CONDITIONS BY THE CONTRACTOR.
  2. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND ORDINANCES THE LATEST EDITION THEREOF.
  3. ANY PERMITS WHICH MUST BE OBTAINED SHALL BE THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS FOR THIS PROJECT FROM ALL APPLICABLE GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
  4. CONTRACTOR SHALL COORDINATE ALL UTILITY CONNECTIONS WITH APPROPRIATE UTILITY OWNERS.
  5. THESE PLANS ARE NOT FOR RECORDATION OR CONVEYANCE.
  6. EXISTING PAVEMENT AND OTHER SURFACES DISTURBED BY CONTRACTOR (WHICH ARE NOT TO BE REMOVED) SHALL BE REPAIRED TO PRECONSTRUCTION CONDITIONS BY THE CONTRACTOR.

pepco holdings  
 AN EXELON COMPANY  
 QUINCE ORCHARD TEMP (VZA: DARNESTOWN TEMP)  
 17101 GERMANTOWN ROAD  
 GERMANTOWN, MD 20874 (MONTGOMERY COUNTY)

REVISIONS:

NO.	DESCRIPTION	DATE

PERMIT DWGS 10/16/24  
 DESIGNED BY: JT  
 DRAWN BY: A.J.L.  
 PROJECT NO: 19981.038  
 DATE: 10/07/2024  
 SCALE: AS NOTED

TITLE:  
**Site Plan**

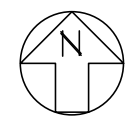
SHEET:  
**C-1**



Know what's below.  
 Call before you dig.

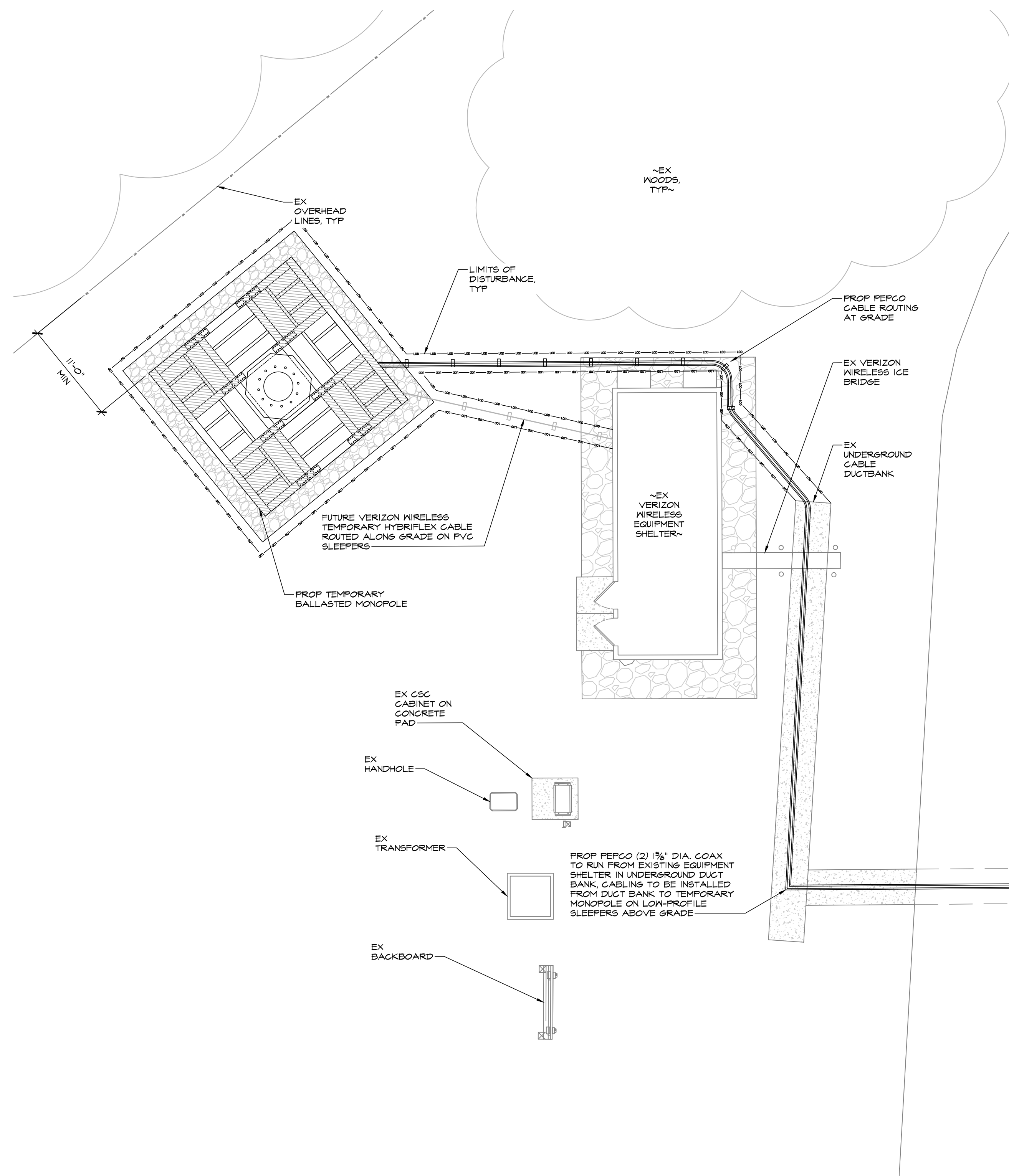
PROTECT YOURSELF, GIVE THREE WORKING DAYS NOTICE  
 THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THERE TO APPURTENANT.

**SITE PLAN**  
 SCALE: 1" = 100'-0"

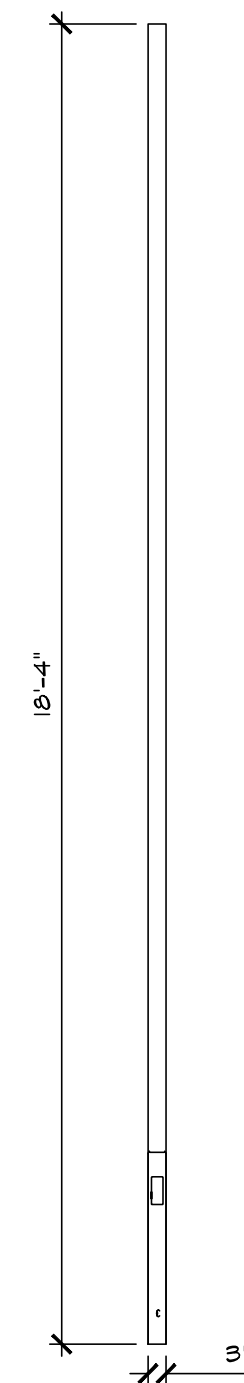




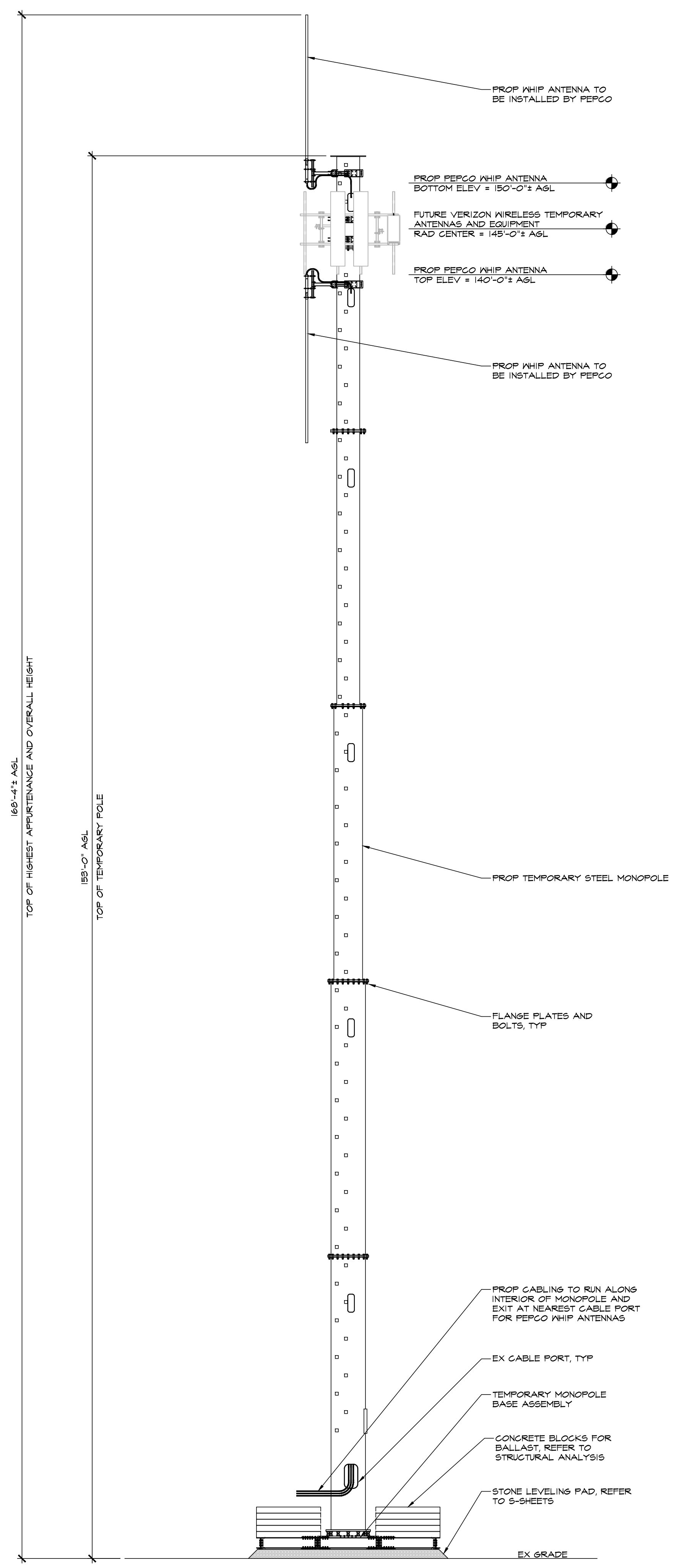
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**ENLARGED COMPOUND LAYOUT**  
SCALE: 1/8" = 1'-0"



**PEPSCO ANTENNA DETAILS**  
NOT TO SCALE



**TEMPORARY MONOPOLE ELEVATION**  
SCALE: 1/8" = 1'-0"

**MRA**  
**MORRIS & RITCHIE ASSOCIATES, INC.**  
Civil/Structural Engineers  
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Towson, Maryland 21286  
410-821-1600  
410-821-1748 Fax



PROFESSIONAL CERTIFICATION  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 37728, EXPIRATION DATE: 10/16/24.

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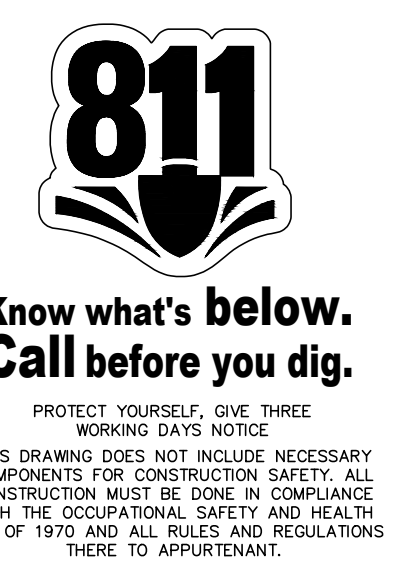
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DESIGNED BY: JT  
DRAWN BY: A.J.L.  
PROJECT NO: 19981.038  
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SCALE: AS NOTED

TITLE:  
**Site Details**

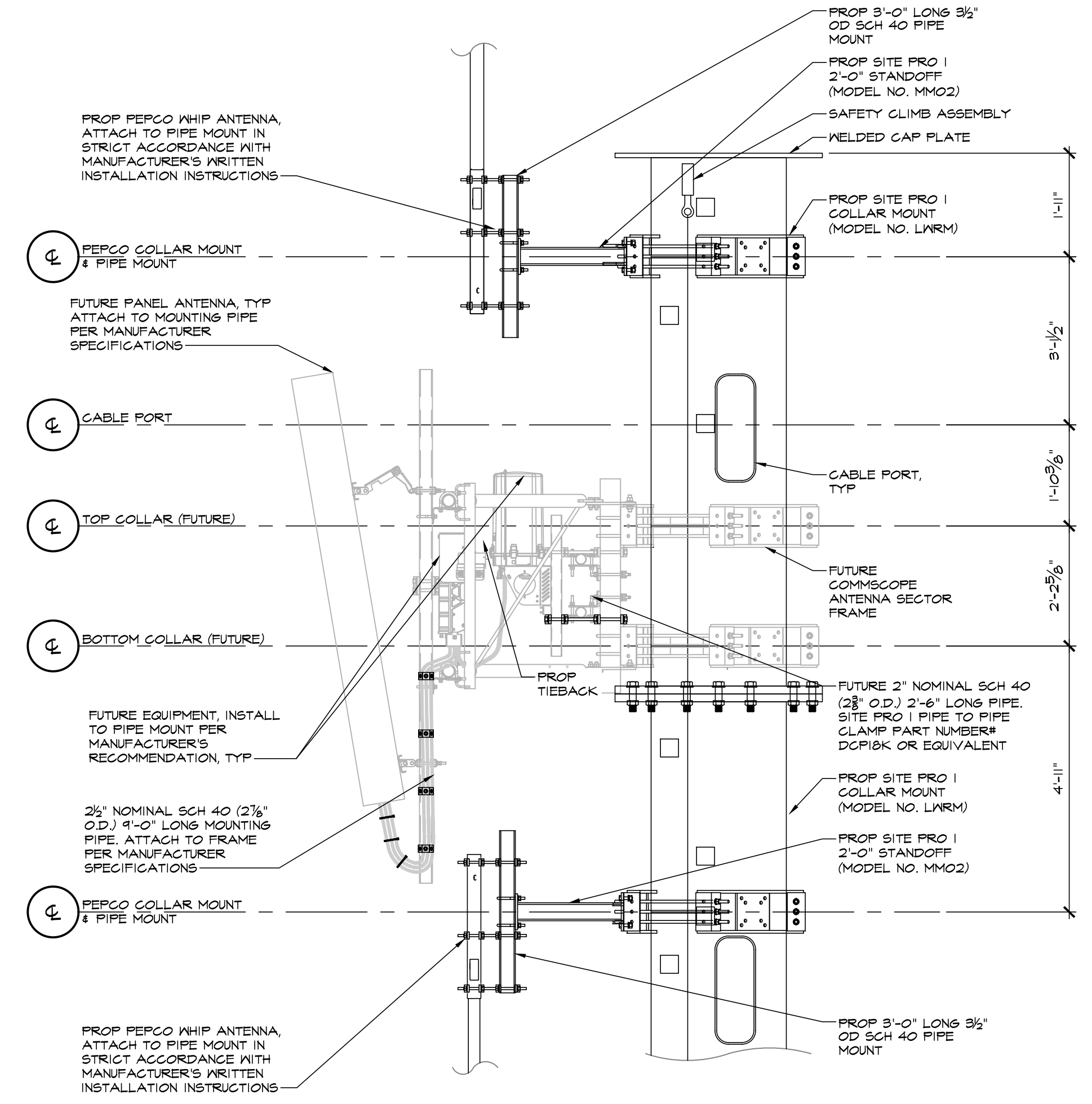
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**C-2**











**2 TYPICAL ANTENNA MOUNT SIDE ELEVATION**  
SCALE: 1/2" = 1'-0"

NOTES:  
1. CABLING SHOWN FOR ILLUSTRATION PURPOSES ONLY  
2. REFER TO ANTENNA REAR ELEVATION FOR MOUNT, PIPE, AND EQUIPMENT LOCATION ALONG MOUNT

**STRUCTURAL NOTES:**

**BUILDING CODES**

A. ALL CONSTRUCTION SHALL CONFORM WITH THE 2018 INTERNATIONAL BUILDING CODE (IBC 2018) AND ALL SUBSEQUENT SUPPLEMENTS.

B. IN ADDITION, ALL CONSTRUCTION SHALL CONFORM WITH THE GOVERNING LOCAL BUILDING CODE.

**DESIGN LOADS**

A. TEMPORARY MONOPOLE CAN SUPPORT THE APPURTENANCES LISTED IN THE TEMPORARY MONOPOLE ANALYSIS REPORT BY MORRIS & RITCHIE ASSOCIATES, JOB NO. 19981.039.

B. PROPOSED MOUNT HAS BEEN DESIGNED TO SUPPORT THE APPURTENANCES LISTED IN THE ANTENNA MOUNT ANALYSIS REPORT BY MORRIS & RITCHIE ASSOCIATES, JOB NO. 19981.039, DATED OCTOBER 9, 2024.

C. WIND LOAD DESIGN CRITERIA

BASIC WIND SPEED (NO ICE):	V <sub>ult</sub> = 112 MPH
BASIC WIND SPEED (WITH ICE):	V <sub>ult</sub> = 40 MPH
DESIGN RADIAL ICE THICKNESS:	1" (ICE THICKNESS INCREASES WITH HEIGHT)

EXPOSURE CATEGORY: C  
RISK CATEGORY: II  
TOPOGRAPHIC CATEGORY: I

D. SEISMIC LOADINGS: DOES NOT CONTROL

**MISCELLANEOUS**

A. SHOP DRAWINGS FOR ALL STRUCTURAL ELEMENTS SHOWN ON THE CONTRACT DOCUMENTS MUST BE SUBMITTED BY THE CONTRACTOR OR OWNER FOR REVIEW BY THE ENGINEER. IF THE CONTRACTOR OR OWNER FAILS TO SUBMIT THE SHOP DRAWINGS, THE ENGINEER WILL NOT BE RESPONSIBLE FOR STRUCTURAL CERTIFICATION AND DESIGN OF THE PROJECT. THE SHOP DRAWINGS SHALL INDICATE ANY DEVIATIONS OR OMISSIONS FROM THE CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR SHALL REVIEW ALL SHOP DRAWINGS PRIOR TO SUBMISSION AND MAKE ALL CORRECTIONS DEEMED NECESSARY.

B. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS SHOWN ON THE CONTRACT DRAWINGS BEFORE PROCEEDING WITH CONSTRUCTION. ALL DISCREPANCIES AND OMISSIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

C. THE CONTRACTOR SHALL NOT SUBMIT REPRODUCTIONS OF THE STRUCTURAL CONTRACT DOCUMENTS AS SHOP DRAWINGS.

D. SCALES SHOWN ON THE STRUCTURAL CONTRACT DRAWINGS ARE FOR GENERAL INFORMATION ONLY. DIMENSIONAL INFORMATION SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS.

**EXISTING STRUCTURE**

A. ALL EXISTING PLANS, DETAILS, DIMENSIONS, AND ELEVATIONS INDICATE EXISTING CONDITIONS AS KNOWN. THE EXISTING INFORMATION SHOWN IS NOT INTENDED TO BE "AS BUILT" AND THE ACTUAL CONSTRUCTION MAY DIFFER FROM THAT SHOWN. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING DIMENSIONS AND ELEVATIONS PRIOR TO STARTING CONSTRUCTION. MINOR VARIATIONS CAN BE EXPECTED AND ANY REQUIRED DEVIATION FROM THE CONTRACT DOCUMENTS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.

B. THE CONTRACTOR SHALL LOCATE ALL UTILITIES IN THE AREA OF CONSTRUCTION AND PREVENT DAMAGE TO THEM. SHOULD DAMAGE OCCUR TO ANY UTILITIES, THE CONTRACTOR IS REQUIRED TO REPAIR THE DAMAGE TO THE SATISFACTION OF THE OWNER AT HIS OWN EXPENSE.

C. THE CONTRACTOR SHALL MONITOR THE EXISTING STRUCTURE DURING CONSTRUCTION. IMMEDIATELY NOTIFY THE ENGINEER OF AREAS EXHIBITING DISTRESS OR FAILURE.

D. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE AND CONDITION OF ALL EXISTING FRAMING. SHOULD THE SIZE OR CONDITION OF THE EXISTING FRAMING DIFFER FROM THAT SHOWN ON THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.

**STRUCTURAL AND MISCELLANEOUS STEEL**

A. ALL STEEL CONSTRUCTION SHALL CONFORM TO THE NINTH EDITION OF THE AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS: ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN" AND THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES".

B. ALL MISCELLANEOUS STEEL (ANGLES, PLATES, ETC.) SHALL CONFORM TO ASTM A 36 HAVING A MINIMUM YIELD STRENGTH OF F<sub>y</sub> = 36,000 PSI.

C. ALL STRUCTURAL STEEL PIPE SHALL CONFORM TO ASTM A 53 GRADE "B", HAVING A MINIMUM YIELD STRENGTH OF F<sub>y</sub> = 35,000 PSI.

D. ALL CONNECTIONS TO EXISTING STEEL FRAMING SHALL BE FIELD BOLTED UNLESS OTHERWISE INDICATED. THE CONTRACTOR MAY SUBSTITUTE WELDED CONNECTIONS PROVIDED THE EXISTING STEEL IS TESTED TO DETERMINE STRENGTH AND CHEMICAL PROPERTIES. TEST METHODS AND RESULTS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO ANY FIELD WELDING TO EXISTING STEEL.

E. THE CONTRACTOR SHALL NOT SPLICE OR CUT OPENINGS IN STEEL MEMBERS NOT SHOWN ON CONTRACT DRAWINGS WITHOUT THE PERMISSION OF THE STRUCTURAL ENGINEER.

F. AN INDEPENDENT INSPECTION AGENCY SHALL INSPECT ALL STRUCTURAL STEEL AND VERIFY THAT IT CONFORMS TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. FIELD INSPECTION REPORTS SHALL BE SUBMITTED TO THE ENGINEER WITHIN 5 DAYS OF THE INSPECTION. THE CONTRACTOR SHALL NOTIFY THE INSPECTION AGENCY OF ALL PHASES OF STEEL CONSTRUCTION AND WELDING.

G. STEEL MEMBERS, FABRICATIONS AND ASSEMBLIES INDICATED TO BE GALVANIZED SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A 123 AFTER FABRICATION. ALL EXPOSED STEEL MEMBERS SHALL BE HOT DIPPED GALVANIZED.

H. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS INDICATING THE SIZES, EXTENT, AND LOCATION OF ALL STRUCTURAL AND MISCELLANEOUS STEEL FRAMING INCLUDING ALL CONNECTIONS, FASTENERS, AND BEARINGS.

**POST-INSTALLATION INSPECTION**

A. A POST-INSTALLATION INSPECTION REPORT IS REQUIRED AND SHALL BE INCLUDED IN THE CONTRACTOR'S BID. A POST-INSTALLATION INSPECTION IS A VISUAL INSPECTION OF TOWER INSTALLATIONS AND A REVIEW OF CONSTRUCTION INSPECTIONS AND OTHER REPORTS TO ENSURE THE INSTALLATION WAS CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, NAMELY THE INSTALLATION DRAWINGS.

B. THE POST-INSTALLATION INSPECTION REPORT SHALL BE COMPLETED BY A PROFESSIONAL ENGINEER LICENSED IN THE JURISDICTION IN WHICH THE PROJECT IS LOCATED.

C. THE INTENT OF THE POST-INSTALLATION INSPECTION REPORT IS TO CONFIRM INSTALLATION AND CONFIGURATION AND WORKMANSHIP ONLY AND IS NOT A REVIEW OF THE INSTALLATION DESIGN ITSELF.

D. TO ENSURE THAT THE REQUIREMENTS OF THE POST-INSTALLATION INSPECTION REPORT ARE MET, IT IS VITAL THAT THE CONTRACTOR AND POST-INSTALLATION INSPECTOR BEGIN COMMUNICATING AND COORDINATING AS SOON AS A PO IS RECEIVED.

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STATE OF MARYLAND  
JACOB TORNEY  
PROFESSIONAL ENGINEER  
No. 37728  
10/16/24

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**REVISIONS:**

NO.	DESCRIPTION	DATE

DESIGNED BY: JT  
DRAWN BY: A.J.L.  
PROJECT NO: 19981.039  
DATE: 10/07/2024  
SCALE: AS NOTED

**Structural Details & Notes**

SHEET:  
**S-2**



