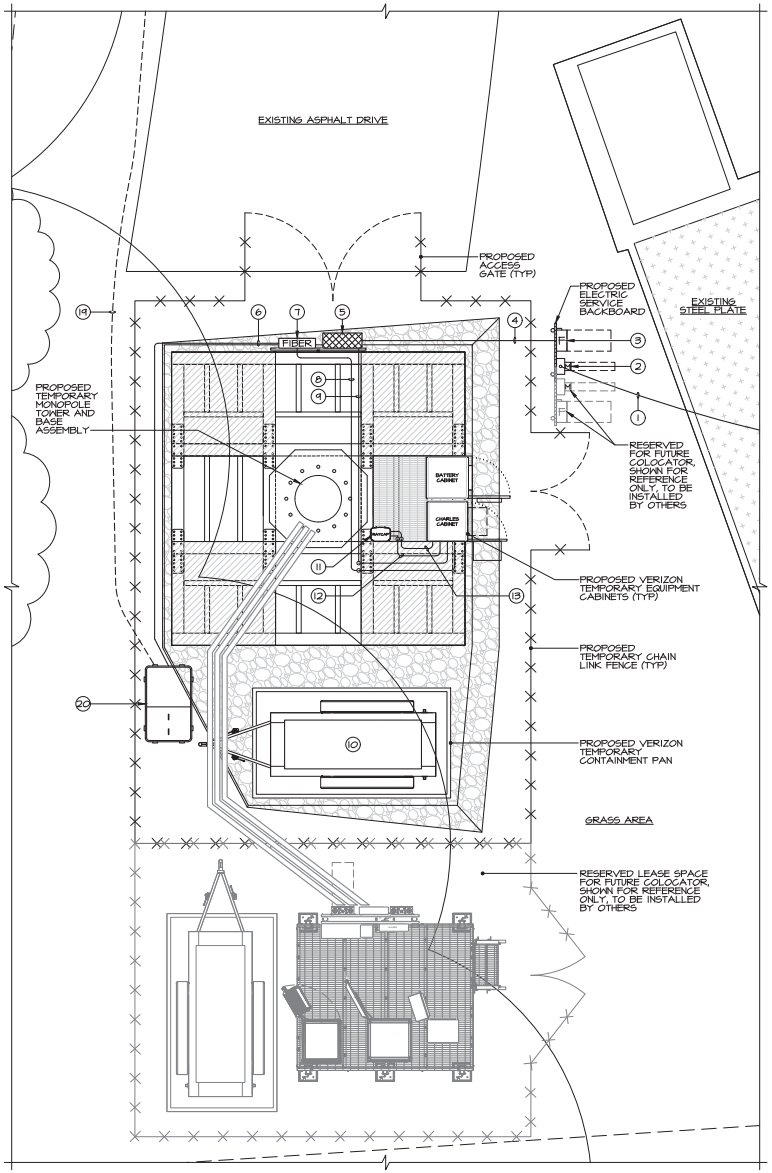


(14)(15)(16)(17)(18) POWER SITE PLAN

SCALE: 1/4" = 1'-0"

NOTE:
THE SITE PLAN IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, AND THE EXACT LOCATION OF THE VERIZON EQUIPMENT SHALL BE COORDINATED WITH FINAL CIVIL DRAWINGS PRIOR TO START OF WORK.

## DRAWING NOTES

1. PROPOSED OVERHEAD TEMPORARY ELECTRIC SERVICE (120/240V, 1Ø, 3W) BY UTILITY COMPANY FROM EXISTING UTILITY POLE #181429-850440 TO PROPOSED WEATHERHEAD MOUNTED HIGH TO BACKBOARD SUPPORT POST. WEATHERHEAD PROVIDED AND INSTALLED BY CONTRACTOR PER UTILITY COMPANY STANDARDS. REFER TO DETAILS, SHEET E-6 FOR ADDITIONAL INFORMATION AND UTILITY ROUTING SITE PLAN, SHEET E-8 FOR CONTINUATION.
2. CONTRACTOR FURNISHED AND INSTALLED WEATHERPROOF, 120/240V, 1Ø, 3W, 200A METER CAN MOUNTED ON NEW ELECTRIC SERVICE BACKBOARD ABOVE TROUGH. NEW METER GLOBE PROVIDED AND INSTALLED BY UTILITY COMPANY. PROVIDE PHENOLIC NAMEPLATE READING "VERIZON TEMPORARY EQUIPMENT".
3. PROVIDE AND INSTALL WEATHERPROOF, 240V SERVICE ENTRANCE RATED, 2P 200A SERVICE DISCONNECT SWITCH WITH TWO (2) 200A CLASS RK1 FUSES MOUNTED ON ELECTRIC SERVICE BACKBOARD ABOVE TROUGH. PROVIDE PHENOLIC NAMEPLATE READING "VERIZON TEMPORARY EQUIPMENT". COORDINATE A.I.C. RATING WITH UTILITY COMPANY PRIOR TO ORDERING.
4. EXTEND 3#4/0 + #4 GRD ALUMINUM SER CABLE IN 3" PVC CONDUIT ABOVE GRADE FROM PROPOSED SERVICE DISCONNECT SWITCH TO VERIZON INTERSECT PANEL. COORDINATE EXACT ROUTING AND CONDUIT SUPPORT METHOD WITH VERIZON REPRESENTATIVE IN THE FIELD.
5. VERIZON PROVIDED, CONTRACTOR INSTALLED WEATHERPROOF 120/240 VOLT, 1Ø, 3W, 200 AMP MCB INTEGRATED LOAD CENTER PANEL WITH INTEGRATED AUTOMATIC TRANSFER SWITCH AND SURGE PROTECTION. MOUNT PANEL ON PROPOSED VERIZON EQUIPMENT BACKBOARD. REFER TO PANEL SCHEDULE AND SPECIFICATIONS, SHEET E-1 FOR ADDITIONAL INFORMATION. COORDINATE ALL REQUIREMENTS WITH VERIZON REPRESENTATIVE PRIOR TO ORDERING. ALL CONDUITS FROM INTERSECT PANEL MUST ENTER/EXIT THROUGH SIDE, REAR OR BOTTOM. CONDUIT INSTALLATION MUST INCLUDE MYERS HUB AND ALL NECESSARY FITTINGS, SEALANTS, ETC. TO MAINTAIN NEMA RATING OF ENCLOSURE. WHEN DRILLING INTO INTERSECT PANEL, ATS MUST BE COVERED TO AVOID METALLIC SHAVINGS DROPPING INTO ATS CONTACTS. PANELBOARD SHALL BE EQUIPPED WITH A COVER THAT HAS A CLASP THAT ALLOWS FOR THE INSTALLATION OF A PAD LOCK. PANELBOARD SHALL NOT BE EQUIPPED WITH KEY LOCK COVER.
6. EXTEND ONE (1) - 3" PVC CONDUIT ABOVE GRADE FROM PROPOSED FIBER HANDHOLE TO PROPOSED HOFFMAN BOX MOUNTED ON EQUIPMENT BACKBOARD FOR EXTENSION OF TEMPORARY FIBER. CONDUIT SHALL EXTEND OUT OF HANDHOLE BELOW GRADE AND TRANSITION TO ABOVE GRADE. COORDINATE EXACT ROUTING AND CONDUIT SUPPORT METHOD WITH VERIZON REPRESENTATIVE IN THE FIELD.
7. PROVIDE AND INSTALL 24"X24"X10" WEATHERPROOF HOFFMAN BOX (PART #A24R2410HCR) FOR EXTENSION OF FIBER. CONTRACTOR SHALL UTILIZE FOUR (4) COLLAR STUDS WITH-IN BOX AND MOUNT 3/4" PLYWOOD BACKBOARD FOR MOUNTING OF TELCO EQUIPMENT. PLYWOOD SHALL NOT BE SCREWED INTO METAL ENCLOSURE OF BOX. HOFFMAN BOX SHALL BE LOCKABLE WITH A LATCH TO ACCEPT A LOCK. PROVIDE PHENOLIC NAMEPLATE READING "VERIZON FIBER" ON FRONT COVER OF BOX.
8. EXTEND ONE (1) - 3" SEALTIGHT CONDUIT FROM PROPOSED HOFFMAN BOX TO PROPOSED CHARLES CABINET MOUNTED ON EQUIPMENT SUPPORTS FOR EXTENSION OF FIBER. CONDUIT SHALL ENTER CHARLES CABINET UTILIZING FACTORY KNOCK-OUTS. NO PVC CONDUIT SHALL BE PERMITTED.
9. EXTEND FOUR (4) SEALTIGHT CONDUITS FROM PROPOSED INTERSECT PANEL "PP1" TO PROPOSED CHARLES CABINET MOUNTED ON EQUIPMENT SUPPORTS FOR EXTENSION OF RECTIFIER AND RECEPTACLE WIRING. REFER TO POWER RISER, SHEET E-3 FOR ADDITIONAL INFORMATION.
10. VERIZON PROVIDED, CONTRACTOR INSTALLED 120/240V, 1Ø, 3W TEMPORARY PORTABLE STAND-BY 50 KW DIESEL GENERATOR MOUNTED ON TRAILER.
11. PROVIDE AND INSTALL RAYCAP MAIN DISTRIBUTION BOX WITH TWELVE (12) OVP MOUNTED ON BALLAST FRAMING.
12. CONTRACTOR SHALL EXTEND THREE (3) 2" SEALTIGHT CONDUITS FROM SIDE OF CHARLES CABINET TO BOTTOM OF RAYCAP FOR EXTENSION OF RAYCAP #6AWG DC CONDUCTORS. CONDUIT SHALL ENTER THROUGH SIDE OF CHARLES CABINET UTILIZING FACTORY KNOCK-OUTS WHERE FEASIBLE. REFER TO SHEET E-3 FOR ADDITIONAL INFORMATION.
13. CONTRACTOR SHALL EXTEND ONE (1) 2" SEALTIGHT CONDUIT FROM SIDE OF CHARLES CABINET TO BOTTOM OF RAYCAP FOR EXTENSION OF RAYCAP ALARMS AND FIBER. CONDUIT SHALL ENTER THROUGH SIDE OF CHARLES CABINET UTILIZING FACTORY KNOCK-OUTS WHERE FEASIBLE.
14. ALL CONDUITS ABOVE GRADE SHALL BE SCHEDULE 40 GREY PVC OR SEALTIGHT. ALL SEALTIGHT CONNECTORS SHALL BE METALLIC.
15. ALL METALLIC ITEMS (UNISTRUT, POSTS, HARDWARE, ETC.) SHALL BE GALVANIZED STEEL.
16. CONDUIT ROUTING IS DIAGRAMMATIC, EXACT CONDUIT ROUTE SHALL BE COORDINATED WITH VERIZON REPRESENTATIVE IN THE FIELD.
17. REFER TO DRAWING PREPARED BY MRA FOR SITE PLAN.
18. THE SPECIFIED OPTIONAL STAND-BY GENERATOR IS NOT A SEPARATELY DERIVED SYSTEM. THE CONTRACTOR SHALL VERIFY THAT THE AUTOMATIC TRANSFER SWITCH DOES NOT SWITCH THE NEUTRAL CONDUCTOR. IF THE MANUFACTURER INSTALLED A MAIN BONDING JUMPER IN THE GENERATOR, THE CONTRACTOR SHALL DISCONNECT AND REMOVE THE JUMPER TO PREVENT VIOLATING NEC ARTICLE 250.6, OBJECTIONABLE CURRENT OVER GROUNDING CONDUCTORS.
19. EXTEND ONE (1) - 4" SCHEDULE 40 PVC CONDUIT FROM PROPOSED FIBER HANDHOLE AT COMPOUND TO PROPOSED FIBER HANDHOLE AT GEORGIA AVENUE (APPROXIMATELY 325 L.F.). COORDINATE EXACT ROUTING AND TERMINATION POINT WITH VERIZON REPRESENTATIVE IN THE FIELD PRIOR TO START OF WORK. PROVIDE NYLON PULL ROPE AND ENDCAPS. VERIZON LANDLINE SHALL PROVIDE AND INSTALL INNERDUCTS AS REQUIRED. REFER TO UTILITY ROUTING SITE PLAN, SHEET E-8 FOR ADDITIONAL INFORMATION. COORDINATE UTILITY SOURCE TO BE USED FOR EXTENSION OF PROPOSED INCOMING TELCO SERVICE WITH UTILITY COMPANY PRIOR TO START OF WORK.
20. PROPOSED FIBER HANDHOLE FOR EXTENSION OF FIBER. COORDINATE EXACT LOCATION, SIZE, COVER RATING, AND REQUIREMENTS WITH VERIZON REPRESENTATIVE AND UTILITY COMPANY PRIOR TO START OF WORK.

0 1 2 3 4 8 12

SCALE: 1/4"=1'-0"

TEI
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410-692-5816
www.tel-eng.com

01/10/2025

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, TIMOTHY SHIDT, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21585, EXPIRATION DATE: MAY 8, 2025.

verizon
WOODSIDE TEMP REL-0
CORNER OF I-495 & SR97, SILVER SPRING, MONTGOMERY COUNTY, MARYLAND 20910

REVISIONS:

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| | COUNTY COMMENTS | 01/10/25 |
| | OZAH COMMENTS | 11/12/24 |

LAST REV.:
PROJECT NO: 24087B
DATE: NOV. 12, 2024
SCALE: AS NOTED
TITLE: POWER SITE PLAN AND NOTES
SHEET: E-2

TEI#24087B

Exhibit 15
OZAH Case No: CU 25-05