

U6 PROVIDE 2"4 AND 1 1/2" CONDUITS FROM EXISTING POWER POLE LOCATION AND FROM SITE SIGN, RESPECTIVELY, INTO TELECOM CLOSET 144A.

U7 PROVIDE 1 1/2" CONDUIT TO TELECOM CLOSET 144A FOR SIGNAL COMMUNICATIONS CABLING.

U8 PROVIDE 2" CONDUIT FROM EXISTING POWER POLE LOCATION INTO TELECOM CLOSET 144A FOR VERIZON CABLING.

U15 PROVIDE 2"4 CONDUITS FOR FUTURE CABLE FROM ELECTRICAL HANDOLE ON SITE TO ELECTRICAL SERVICE ROOM 167A. STUB CONDUITS UP INTO PANEL 11DP.

U17 BIDA. SUBSTITUTE 2" PROVIDE A SINGLE 2" CONDUIT WITH PULL WIRE FOR FUTURE SOLAR CABLE TO EACH CANOPY. SHOW THE TERMINAL POINT OF THE SOLAR CABLE ROOM 167A ON EAST WALL AT LOCATION RESERVED FOR FUTURE SOLAR EQUIPMENT. AT CANOPY, STUB CONDUIT UP AND CAP AT INTER LEG OF CANOPY SUPPORT.

U18 BIDA. ALTERNATE 2: PROVIDE CANOPY LIGHTING AND POWER CIRCUIT SHOWN. REMOVE P4 FIXTURE SHOWN IN WORK AREA OF CANOPY AT INTER LEG OF CANOPY SUPPORT.

U20 PROVIDE 2" CONDUIT STUB-OUT FOR FUTURE BUS CHARGING AND TERMINATE IN HANDOLE ON SITE.

U21 PROVIDE 2" CONDUIT FROM HANDOLE AND STUB UP INTO PANEL 11PS FOR FUTURE ELECTRICAL VEHICLE PARKING.

U25 PROVIDE CONNECTION TO DUPLEX RECEPTACLE AND LIGHTS SERVING STORAGE SHEED. #42 SHED TO SHED EXTERIOR.

U26 MOUNT DUPLEX RECEPTACLE TO UNISTRUT BARS ON FENCE INTERIOR. CIRCUIT TO BE 2-24, #3 IN 3/4" CONDUIT.

U27 PROVIDE 1 1/4" CONDUIT BETWEEN TELECOM CLOSET 144A AND TELECOM HANDOLE SHOWN FOR FUTURE DATA FOR PORTABLES.

U28 PROVIDE 2"4 #10 GND IN 1 1/2" CONDUIT TO NEW SITE SIGNAGE FROM PANEL 11PS IN HP ROOM 117A. REFER TO FLOOR PLANS, AREA A FOR HP ROOM LOCATION. COORDINATE INSTALLATION WITH SIGNAGE MANUFACTURER PRIOR TO CONDUIT/BURIAL CIRCUT BURIAL. REFER TO ARCHITECTURAL SITE PLAN AND SITE DEVELOPMENT PLANS FOR SIGNAGE LOCATION AND INSTALLATION.

U34 PROVIDE SECONDARY CONDUITS FROM GENERATOR TO ELECTRICAL SERVICE ROOM 167A. REFER TO ONE-LINE DIAGRAM FOR SIZE AND QUANTITIES.

U35 PROVIDE SECONDARY DUCT/BANK BETWEEN TRANSFORMER AND ELECTRICAL SERVICE ROOM 167A. REFER TO ONE-LINE DIAGRAM FOR SIZE AND QUANTITIES. REFER TO STRUCTURAL DETAILS AND COORDINATE WITH STRUCTURAL ENGINEER PRIOR TO FINAL INSTALLATION.

U36 MULTIPLE STORM WATER MANAGEMENT PONDS AND STRUCTURES EXISTING IN PARKING AREAS. AVOID ROUTING SECONDARY CONDUITS THROUGH THESE AREAS. REFER TO CIVIL PLANS PRIOR TO SECONDARY ROUTING TO COORDINATE.

U37 (2) HANDHOLES, (1) DEDICATED FOR VERIZON & (1) DEDICATED FOR COMCAST/DI. EACH SHALL HAVE (2) 4" PVC SCHEDULE 40 CONDUITS TO THE MDF. HANDHOLES SHALL BE LOCATED NEAR THE UTILITY POLE WITH SERVICE PROVIDER PRESENT.

U39 NEW UTILITY TRANSFORMER. COORDINATE WITH PEPCO UTILITY COMPANY FOR EXACT LOCATION. SEE "PEPCO (POTOMAC ELECTRIC POWER COMPANY) COMPANY UTILITY EQUIPMENT CLEARANCES ON DRAWING U003. PROVIDE A CONCRETE PAD FOR UTILITY TRANSFORMER. REFER TO UTILITY COMPANY'S BUILDING MANUAL FOR EXACT REQUIREMENTS FOR PAD AND TO SHEET E0-200.

U40 REFER TO DETAIL ON SHEET E0-200 FOR TRANSFORMER PAD AND GROUNDING REQUIREMENTS.

U41 REFER TO STRUCTURAL BUILDING DRAWINGS FOR FOOTER LOCATIONS. WHEN ROUTING BELOW SLAB DUCTBANKS, CONTRACTOR SHALL AVOID FOOTERS AND ZONE OF INFLUENCE AS OUTLINED ON STRUCTURAL DRAWINGS.

U42 PROVIDE POWER TO GENERATOR BATTERY CHARGER

U43 PROVIDE POWER TO GENERATOR HEATER

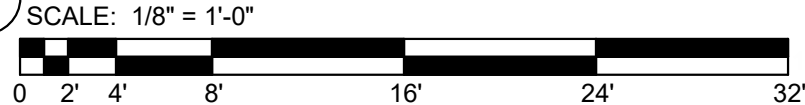
U44 PROVIDE 2" - 1" CONDUITS TO BUILDING FOR GENERATOR CONTROL WIRING

U45 PROVIDE FLAGPOLE DIRECTIONAL LIGHTS ON OPPOSITE SIDES OF FLAGPOLE. MOUNT ON STANCHION ON CONCRETE BASE.

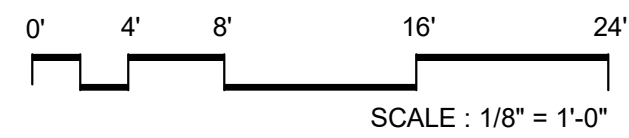
U46 INSTALL 4" 4-WAY CONDUITS AT PAD LOCATION FROM PRIMARY COMPARTMENT AND STUB OUT 5' 5" BEYOND TRANSFORMER. THEN ROUTE 4" 2-WAY CONDUITS PER PRIMARY TRENCHING DETAIL ON SHEET E0-103 TO SPLICE BOX SHOWN ON SHEET.

U48 EXISTING POWER AND FIBER OPTIC FEED TO SITE SIGN TO BE INTERRUPTED BY SITEWORK IN EARLY PHASES OF CONSTRUCTION. CONTRACTOR SHALL REFEED SITE SIGN AT THE BEGINNING OF CONSTRUCTION WITH NEW FIBER OPTIC CABLE. OPTIC CABLE SHALL BE ASSIGNED TO BUILDING FOR POWER CONDUITS AND ONE BUILDING STRAND SINGLE MODE FIBER CABLE FOR COMMUNICATIONS. NEW TEMPORARY PATH SHALL AVOID THE FOOTPRINT OF THE NEW BUILDING. LATER IN CONSTRUCTION, THIS SITE SIGN WILL BE RELOCATED TO THE EAST OF THE EXISTING VEHICLE TRAIL. SEE DETAIL NOTE U02.

U49 PROVIDE 1/2" CONDUIT WITH ONE 8 STRAND MULTIMODE OPTIC CABLE TO FEED SITE SIGN. TERMINATE CONDUIT IN TELECOM CLOSET 101H.



PEPCO
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[illegible]

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Landscape:
n/a

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AV & Acoustical Consultant:
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PROJECT TITLE:
**NEELSVILLE
MIDDLE SCHOOL**
11700 NEELSVILLE CHURCH RD.
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DRAWING TITLE:
SITE ELECTRICAL
NEW WORK PLAN

EU-103

FEBRUARY 25, 2022

