

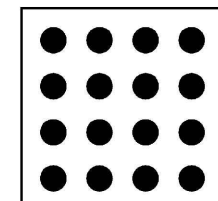
GENERAL NOTES:

- A. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR FIELD OBSERVATION. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN DETAIL, OR DIMENSION, DETERMINE EXISTING CONDITIONS AND VERIFY THE INFORMATION WITH THE CITY OF CHICAGO. IF ANY CONDITIONS ARE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS SHOWN, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE WRITING AND AVOID DELAY BEFORE PROCEEDING WITH THE WORK.
- B. GENERAL LOCATIONS OF UNDERGROUND UTILITIES ARE NOT TO BE ASSUMED TO BE ACCURATE OR COMPLETE. PRIOR TO EXCAVATING FIELD CONDITIONS, THE CONTRACTOR SHALL OBTAIN ALL NECESSARY AS-BUILT AS WELL AS TYPICAL LAYER, PIPE AND CABLE LOCATIONS.
- C. SHOULD DISCREPANCIES BE DISCOVERED BETWEEN THE DRAWINGS AND FIELD CONDITIONS, THE CONTRACTOR SHALL STOP WORK IMMEDIATELY AND AVOID DELAY BEFORE PROCEEDING WITH THE WORK.
- D. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL REQUIREMENTS WITHIN THE CONSTRUCTION AREA.
- E. NOTIFY "MISS UTILITY (800-557-7777) AT LEAST FIVE (5) WORKING DAYS PRIOR TO STARTING SITE WORK.
- F. FOR PARALLEL RUNS, MAINTAINED 5' CLEARANCE BETWEEN PEPCO UTILITY DUCTBANKS AND OTHER UNDERGROUND BUILDING ELECTRICAL SYSTEMS (GENERATOR, FUEL, LIGHTING) WITH PEPCO.
- G. COORDINATE CROSSINGS OF UNDERGROUND BUILDING ELECTRICAL SYSTEMS (GENERATOR, FUEL, LIGHTING) WITH PEPCO.
- H. PROVIDE UNDERGROUND CONDUITS IN CONCRETE-ENCASED DUCTBANK UNDER EXISTING SIDEWALKS AND DRIVEWAYS AND UNDER PAVEMENT, LIGHTLY-BURIED CONDUITS UNDER SIDEWALKS AND UNPAVED SURFACES.
- I. FOR LIGHTING CIRCUITS, PROVIDE 2" x 8" HORIZONTAL IN "UNDERGROUND CONDUITS" UNLESS OTHERWISE NOTED, AND CONNECT TO LIGHT POLES NEEDED.
- J. WHERE HANDLES ARE INDICATED ON SITE PLAN, PROVIDE ELECTRICAL HANDLES, UNLESS OTHERWISE NOTED TO BE A COMMUNICATIONS HANDLINE.
- K. COORDINATE ROUTING OF UNDERGROUND CONDUITS WITH LOCATIONS OF PROPOSED TREES AND SHRUBS SHOWN ON LANDSCAPE PLANS. DO NOT RUN UNDERGROUND CONDUITS WITHIN CRITICAL ROOT ZONE OF PROPOSED TREES.

SPECIFIC NOTES:

- 1 CONNECTION POINT FOR COMMUNICATIONS SERVICES. COORDINATE EXACT LOCATION OF EXISTING TO REMAIN COMMUNICATIONS HANDHOLES WITH SERVICE PROVIDERS PRIOR TO STARTING SITEWORK.
- 2 PROVIDE COMMUNICATIONS HANDHOLE.
- 3 PROPOSED LOCATION OF UTILITY TRANSFORMER.
- 4 LINE OF TRANSFORMER.
- 5 15-KVA COMBUSTION ENCASED DUCTANK FOR UTILITY SECONDARY SERVICE CONDUCTORS.
- 6 REFER TO POWER RACK DRAWING ON SHEET E601 FOR ADDITIONAL INFORMATION.
- 7 GENERATOR DOCKING STATION. REFER TO POWER RACK DRAWING ON SHEET E601 FOR ADDITIONAL INFORMATION.
- 8 ENCLOSED CIRCUIT BREAKER. REFER TO POWER RACK DRAWING ON SHEET E601 FOR ADDITIONAL INFORMATION.
- 9 COMBUSTION ENCASED GENERATOR DUCTANK. REFER TO DETAIL T/3505 FOR ADDITIONAL INFORMATION.
- 10 RUN EXTERIOR LIGHTING CIRCUITS THROUGH CONTACTOR C1. CONTROLLED VIA TIME CLOCK. TIME SWITCH T1 LOCATED ADJACENT TO LIGHTING PANEL, I.L.C. ELEC C115. LABEL: "FOR POWER TO FUTURE PV CANOPY".
- 11 PROPOSED LOCATION OF FUTURE STRUCTURAL FOUNDATION FOR FUTURE PV CANOPY (TYPICAL).
- 12 PROVIDE TWO (2) 4" UNDERGROUND DUCTS FROM HANDHOLE AND STUBBED INTO GEN ELEC C115. LABEL: "FOR POWER TO FUTURE PV CANOPY".
- 13 PROVIDE ONE (1) 4" UNDERGROUND COMMUNICATIONS CONDUIT FOR FUTURE PV CANOPY. LABEL: "FOR COMMUNICATIONS TO FUTURE PV CANOPY".
- 14 PROVIDE TWO (2) 2" UNDERGROUND COMMUNICATIONS CONDUITS. LABEL ONE (1) CONDUIT "FOR COMMUNICATIONS TO FUTURE VEHICLE CHARGING STATIONS". LABEL ONE (1) CONDUIT "FOR COMMUNICATIONS TO FUTURE FUTURE PV CANOPY".
- 15 PROVIDE ONE (1) 4" UNDERGROUND DUCT FROM HANDHOLE AND STUBBED INTO GEN ELEC C115. LABEL: "FOR POWER TO FUTURE VEHICLE CHARGING STATIONS".
- 16 PROVIDE ONE (1) 4" UNDERGROUND COMMUNICATIONS CONDUIT FOR SCHOOL. LABEL: "FOR COMMUNICATIONS TO SCHOOL".
- 17 PROVIDE TWO (2) 20-30-40 ENCLOSURE SIZES IN SEVENTH/THIRTEEN ENCLOSURES AND MOUNT ADJACENT TO SCHOOL SIGN. COORDINATE EXACT LOCATION OF ENCLOSED SWITCHES WITH SCHOOL SIGN MANUFACTURER. MAKE CONNECTIONS TO SCHOOL SIGN MANUFACTURER FOR COMPLETE INSTALLATION.
- 18 PROVIDE THREE (3) 2" UNDERGROUND COMMUNICATIONS CONDUITS. LABEL ONE (1) CONDUIT "FOR COMMUNICATIONS TO FUTURE VEHICLE CHARGING STATIONS". LABEL ONE (1) CONDUIT "FOR COMMUNICATIONS TO FUTURE FUTURE PV CANOPY". LABEL ONE (1) CONDUIT "FOR COMMUNICATIONS TO SCHOOL SIGN".
- 19 PROVIDE ONE (1) 2" COMMUNICATIONS CONDUIT FOR FUTURE MODULAR CLASSROOMS. LABEL: "FOR COMMUNICATIONS TO FUTURE MODULAR CLASSROOMS".
- 20 PROVIDE ONE (1) 2" FIRE ALARM CONDUIT FOR FUTURE MODULAR CLASSROOMS. LABEL "FOR FIRE ALARM TO FUTURE MODULAR CLASSROOMS".
- 21 PROVIDE TWO (2) 4" CONDUITS FOR FUTURE MODULAR CLASSROOMS. LABEL "FOR FUTURE MODULAR CLASSROOMS".
- 22 GENERATOR BACK HEATER. 8001-2091-330.
- 23 GENERATOR ACCESSORIES. 130X.
- 24 PROVIDE CONNECTIONS PER MANUFACTURER'S REQUIREMENTS.

MTFA
architecture



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NOT FOR CONSTRUCTION

PROJECT #

DATE: _____ ISSUE: _____

02/15/24	DESIGN DEVELOPMENT
07/25/24	95% CD SUBMISSION
08/30/24	BID SET



Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the state of Maryland, License No. 33986, Expiration date: 01-16-2025.

JPA Project No.: 7821-23

DRAWN: ANH CHECKED: BMM

SCALE: AS INDICATED

SHEET TITLE:
SITE PLAN - ELECTRICAL

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