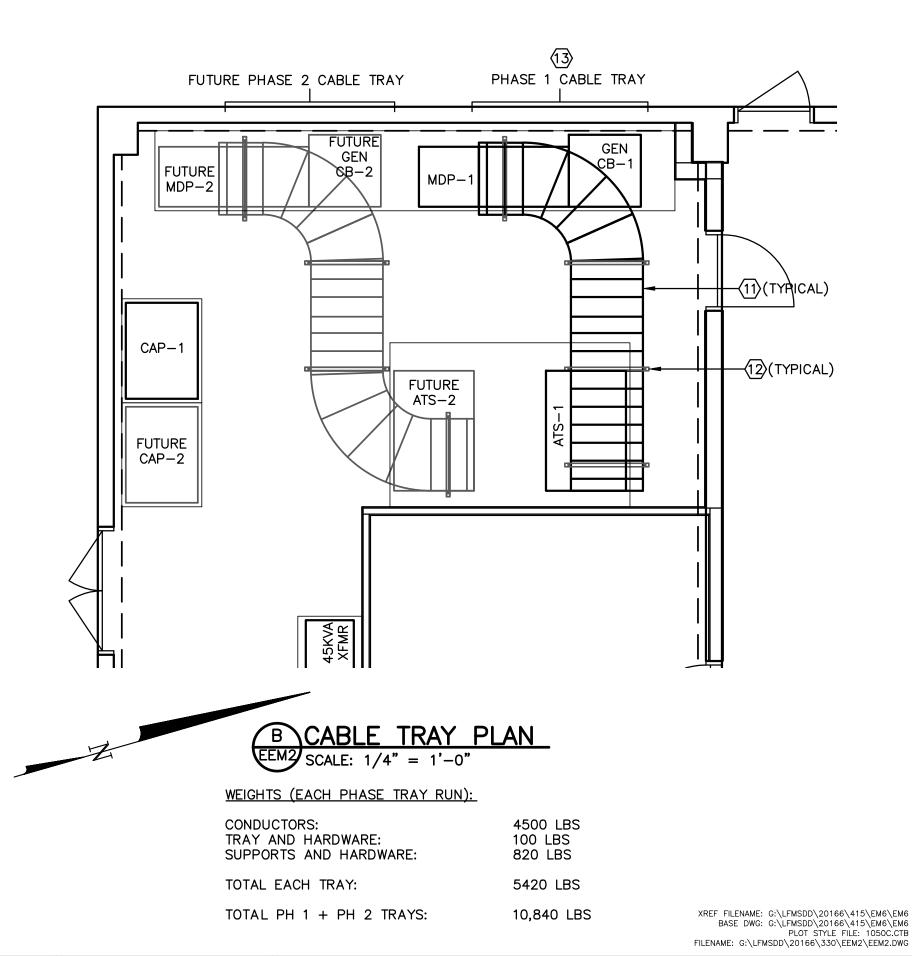
GENERAL NOTES

- A. UNO, WALL MOUNTED ELECTRICAL DEVICES IN VEHICLE BAYS SHALL BE WATERPROOF WITH HINGED COVERS.
- B. SEE SHEETS MEM1 AND MEM2 FOR LOW VOLTAGE CONTROL WIRING REQUIREMENTS.

KEYED NOTES

- PROVIDE INDICATION TO SCADA FOR: NORMAL SOURCE AVAILABLE, ALTERNATE SOURCE AVAILABLE, TRANSFER SWITCH POSITION, GENERATOR RUNNING, AND GENERATOR FAILURE.
- © GENERATOR NO. 1 REMOTE ANNUNCIATOR PANEL AND EMERGENCY STOP PUSHBUTTON. PROVIDE LABELS INDICATING GENERATOR NO. 1.
- EGRESS PATHS FROM EACH END OF 3000A SWITCHBOARDS MDP1 AND FUTURE MDP2 PER NEC 110.26(C)(2).
- EGRESS PATHS FROM EACH END OF 2000A SWITCHBOARDS EDB1 AND FUTURE EDB2 PER NEC 110.26(C)(2).
- 5 PROVIDE 4" HOUSEKEEPING PADS. SEE DETAIL ON CIVIL DRAWINGS.
- 6 PROVIDE CONNECTION TO SCADA.
- PROVIDE WALL MOUNTED BOOST TRANSFORMER FOR AIR COMPRESSOR, 0.75KVA, 10, 24V BOOST.
- MAIN GROUND BAR. SEE FOUNDATION PACKAGE FOR REQUIRED GROUNDING ELECTRODES. PROVIDE SIGN ABOVE GROUND BAR PER NEC 701.9(B) INDICATING THE NORMAL SERVICE AND GENERATOR NO. 1 ARE GROUNDED AT THIS POINT.
- PROVIDE SIGN ON GEN CB PER NEC 701.9(A) INDICATING THE LOCATION OF GENERATOR NO. 1.
- MOUNT EM-L1 SPD BELOW PANEL.
- (11) CABLE TRAY: COOPER B-LINE 26A SERIES OR EQUAL, 36" WIDE, 6" SIDE RAILS, 9" RUNG SPACING, MOUNTED ±13'-6" AFF TO BOTTOM.
- CABLE TRAY SUPPORTS: "TWIN" MOUNT UNISTRUT OR EQUAL 1-5/8", 12 GA., WITH 1/2" ALL-THREAD RODS TO STRUCTURE.
- EXTEND CONDUITS FROM ENCLOSURES VERTICALLY THROUGH CEILING GRID TO CABLE TRAY. ADJUST EXTENT OF TRAY TO PERMIT CABLE RADIUS TO HORIZONTAL ALIGNMENT PER NEC.
- WIRE THIS GFI RECEPTACLE TO AVOID TRIPPING THE DOWNSTREAM DEVICES ON THIS CIRCUIT UPON GROUND FAULT.
- $\overline{(15)}$ INTERLOCK FAN EF-1 WITH TOILET ROOM LIGHT SWITCH.
- PROVIDE CONTROL WIRING CONNECTION BETWEEN CU-1 AND F-1 PER MANUFACTURER'S INSTRUCTIONS.
- PROVIDE WALL MOUNTED BOOST TRANSFORMER FOR WELDER, 1.0 KVA, 1ø, 24V BOOST.



| KEVISIONS | | |
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| ATE | DESCRIPTION | |
| 8/2011 | ISSUED FOR DESIGN TEAM REVIEW MEETING | |
| 3/2011 | ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (EQUIP. MAINT. & STOR. BLDG.) | |
| 9/2012 | ISSUED FOR CONSTRUCTION PER PPRBD BUILDING PERMIT #H93002 (EQUIP. MAINT. & STO. BLDG.) | |
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ELECTRICAL POWER PLAN

HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT

| DRAWN | MAR | |
|----------|----------------------|--|
| DESIGNED | MAR | |
| CHECKED_ | MAR | |
| DATE | OCT 2011 | |
| PROJECT | NO. <u>20166.415</u> | |
| GMS FILE | NO. 2599 | |

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