



1 PUMPING AND DISINFECTION BUILDING ELECTRICAL LIGHTING PLAN
EPD-6 SCALE: SCALE: 1/4" = 1'-0"

GENERAL NOTES

- A. LIGHTNING PROTECTION SYSTEM SHOWN FOR GENERAL INFORMATION ONLY. STRUCTURE TO BE PROVIDED WITH LIGHTNING PROTECTION SYSTEM DESIGNED AND INSTALLED IN ACCORDANCE WITH SPECIFICATION SECTION 13100, NFPA 780 AND UL STANDARD 96A. SEE SHEET EPD-3 FOR ADDITIONAL GROUNDING SYSTEM INFORMATION.
- B. REFER TO SHEET ES-2 FOR MASTER LUMINAIRE SCHEDULE

KEYED NOTES

- 1 MOUNT FIXTURES MINIMUM 12" OFF WALL WITH BRACKETS TO AVOID OBSTRUCTION WITH PIPING AND EQUIPMENT DIRECTLY BELOW FIXTURES.
- 2/2 EXTERIOR BREAK GLASS EMERGENCY SHUT-OFF IN WEATHERPROOF ENCLOSURE FOR EXHAUST FAN CIRCUIT. SEE MPD-1. CONNECT CIRCUIT WIRING FOR LIGHT FIXTURES AHEAD OF SHUT-OFF.
- 3 EXTERIOR LIGHTS CONTROLLED BY MANUAL SWITCH AND PHOTOCELL. PHOTOCELL ALLOWS EXTERIOR LIGHTS TO OPERATE BETWEEN DUSK AND DAWN ONLY.
- 2/4 MOUNT FIXTURES MINIMUM 18" OFF WALL WITH BRACKETS TO AVOID OBSTRUCTION WITH PIPING AND EQUIPMENT DIRECTLY BELOW FIXTURES.
- 2/5 MOUNT FIXTURES MINIMUM 30" OFF WALL WITH BRACKETS TO AVOID OBSTRUCTION WITH ELECTRICAL EQUIPMENT DIRECTLY BELOW FIXTURES.
- 2/6 SPDT SWITCH IN WEATHERPROOF ENCLOSURE FOR HYPOCHLORITE ROOM FAN SPEED CONTROL. POSITION 1 RUNS FAN AT LOW SPEED. POSITION 2 RUNS FAN AT HIGH SPEED. SEE FAN MANUFACTURER'S WIRING DIAGRAMS. PROVIDE LABEL TO READ "HYPOCHLORITE ROOM FAN SPEED CONTROL" AND TO INDICATE "LOW" AND "HIGH" SWITCH POSITIONS.
- 2/7 OUTDOOR FLASHING RED ALARM LIGHT MOUNTED ABOVE DOOR. POWER FROM RTU-2 SCADA CABINET. CONNECT TO EPO SWITCH.
- 2/8 MANUAL EMERGENCY ALARM PUSHBUTTON SWITCH (EPO) IN WEATHERPROOF ENCLOSURE AND HINGED COVER. CONNECT TO ENERGIZE ALARM LIGHT AND CONNECT TO RTU-2 TO SIGNAL ALARM CONDITION. PROVIDE LABEL "HYPOCHLORITE ROOM EMERGENCY ALARM".
- 2/9 SWITCH IN WEATHERPROOF ENCLOSURE FOR HYPOCHLORITE ROOM LIGHTS. PROVIDE LABEL TO READ "HYPOCHLORITE ROOM LIGHTS".

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BASE DWG: G:\
PLOT STYLE FILE: 1000c.ctb
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REVISIONS		
NO.	DATE	DESCRIPTION
1	01/25/2012	ISSUED FOR PD BUILDING VALUE ENGINEERING REVIEW AND COMMENTS
2	04/23/2012	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (PUMPING AND DISINFECTION BLDG)
3	05/21/2012	ISSUED FOR CONSTRUCTION PER PPRBD BLDG PERMIT #98993 (PUMP AND DISINFECTION BLDG)

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ELECTRICAL LIGHTING PLAN
PUMPING AND DISINFECTION BUILDING
HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY
LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT

DRAWN MAR
DESIGNED MAR
CHECKED MAR
DATE 12/22/2011
PROJECT NO. 20166.330
GMS FILE NO. 2599

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SHEET
EPD-6
OF
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