



- GENERAL NOTES**
- A. ALL CIRCUIT BREAKERS/DISCONNECT SWITCHES ARE 3 POLE, UNO.
  - B. REFER TO FEEDER SCHEDULE ON SHEET ED-1 FOR CONDUCTOR AND CONDUIT SIZES FOR INDICATED FEEDER TYPES.
- KEYED NOTES**
- ① OVERCURRENT AND CONDUCTORS AS RECOMMENDED BY MANUFACTURER.
  - ② FEEDER FROM MAIN DISTRIBUTION PANEL MDP-1 IN THE ELECTRICAL ROOM OF THE EQUIPMENT MAINTENANCE AND STORAGE BUILDING. SEE SHEET ED-1 FOR THE FACILITY ONE-LINE DIAGRAM.
  - ③ FEEDER FROM STANDBY GENERATOR NO. 2. SEE SHEET ED-1 FOR THE FACILITY ONE-LINE DIAGRAM.
  - ④ PROVIDE MCC WITH HEAVY-DUTY RATED DRIVES, AND PROVIDE EXTRA FAN COOLING IN DRIVES.
  - ⑤ STARTING DEVICE PER PUMP MANUFACTURER.
  - ⑥ DO NOT PROVIDE SPACE FOR RECYCLE PUMP VFD'S. THESE FUTURE PUMPS ARE SHOWN FOR ESTIMATING ONLY. THESE UNITS WILL BE PART OF A FUTURE MCC ADDITION. REFER TO MCC SCHEDULE ON SHEET ES-1 FOR NOTES REGARDING FUTURE UNITS AND UNIT SPACE REQUIREMENTS.

REVISIONS		
NO.	DATE	DESCRIPTION
1	01/25/2012	ISSUED FOR PD BUILDING VALUE ENGINEERING REVIEW AND COMMENTS
2	04/18/2012	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (PUMPING AND DISINFECTION BLDG)
3	05/21/2012	ISSUED FOR CONSTRUCTION PER PPRBD BLDG PERMIT #8893 (PUMP AND DISINFECTION BLDG)

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**ELECTRICAL ONE-LINE DIAGRAM**  
**PUMPING AND DISINFECTION BUILDING**  
 HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY  
 LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT

DRAWN: SKC/MAM DESIGNED: MR CHECKED: MR DATE: 2011 PROJECT NO.: 20166.330 GMS FILE NO.: 2599	<b>GMS, INC.</b> CONSULTING ENGINEERS 611 N. WEBER, SUITE 300 COLORADO SPRINGS, COLORADO 80903	SHEET <b>EPD-1</b> OF -
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**1 ELECTRICAL ONE-LINE DIAGRAM**  
 EPD-1 SCALE: NONE

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