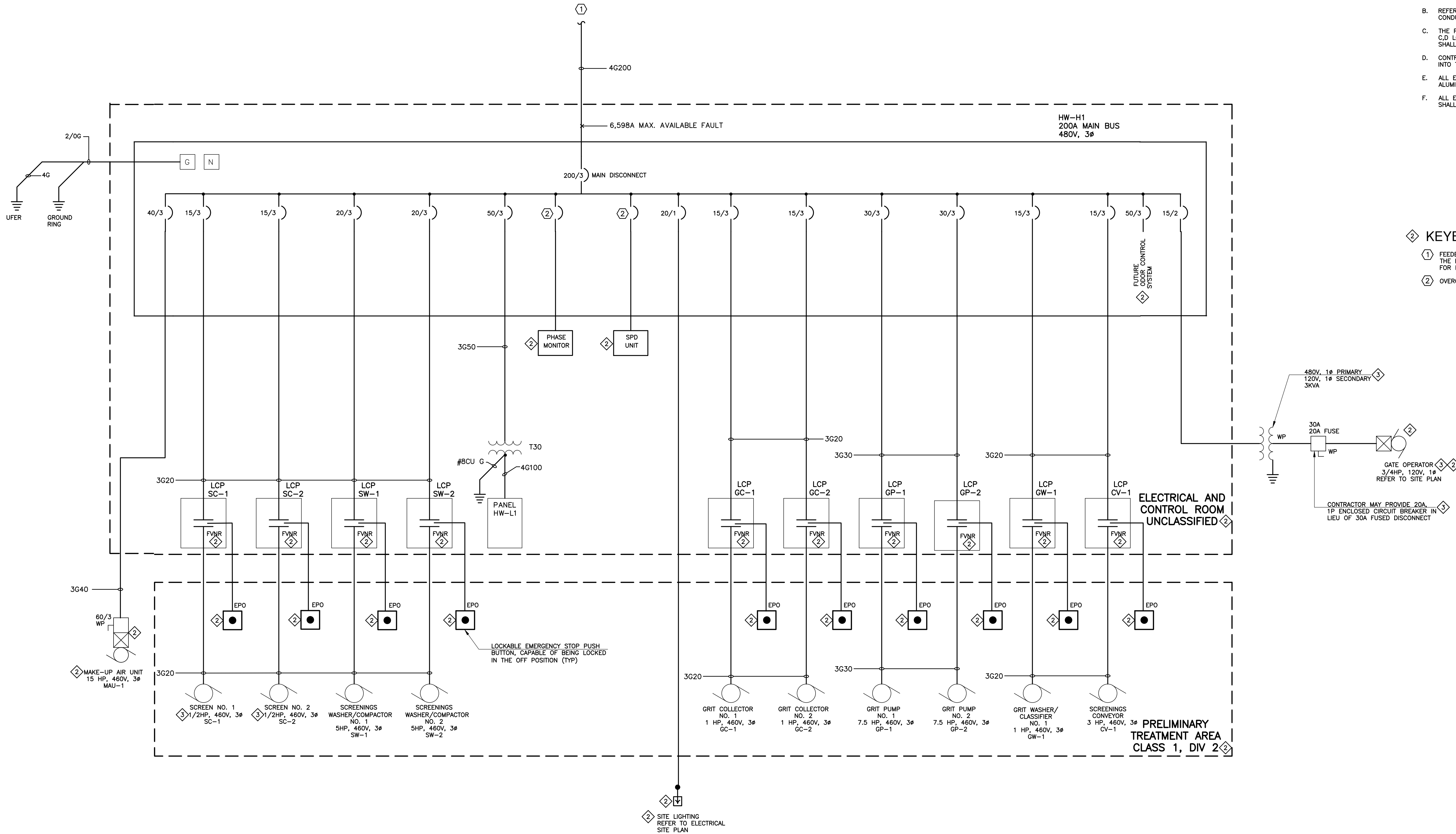


GENERAL NOTES

- 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.
- C. THE PRELIMINARY TREATMENT AREA IS A CLASS 1, DIVISION 2, GROUP C,D LOCATION. ALL ELECTRICAL EQUIPMENT AND WIRING METHODS SHALL MEET NEC CHAPTER 5 REQUIREMENTS.
- D. CONTRACTOR SHALL PROVIDE SEAL FITTINGS ON ALL CONDUIT RUNS INTO THE PRELIMINARY TREATMENT AREA.
- E. ALL EXPOSED CONDUIT IN PRELIMINARY TREATMENT AREA SHALL BE ALUMINUM OR PVC COATED GALVANIZED RIGID METAL CONDUIT.
- F. ALL EXPOSED CONDUIT IN THE ELECTRICAL AND CONTROL ROOM SHALL BE GRC OR ALUMINUM.

KEYED NOTES

- 1 FEEDER FROM SWITCHBOARD EDB-1 IN ELECTRICAL EQUIPMENT ROOM OF THE EQUIPMENT MAINTENANCE AND STORAGE BUILDING. SEE SHEET ED-1 FOR FACILITY ONE-LINE DIAGRAM.
- 2 OVERCURRENT AND CONDUCTORS AS RECOMMENDED BY MANUFACTURER.



1 HEADWORKS BUILDING ELECTRICAL ONE-LINE DIAGRAM  
EHW-1 SCALE: NONE

REVISIONS		
NO.	DATE	DESCRIPTION
1	02/26/2010	ISSUED FOR ELECTRICAL SUBCONTRACTOR SELECTION
2	05/17/2011	ISSUED FOR PREPARATION OF CMO
3	06/20/2011	ISSUED FOR BUILDING PERMIT SUBMITTAL TO PPRBD (HEADWORKS BUILDING)
4	08/05/2011	ISSUED FOR CONSTRUCTION PER PPRBD BUILDING PERMIT #68510 (HEADWORKS BLDG)

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

DRAWN GLY  
DESIGNED AFS  
CHECKED MR  
DATE 2010  
PROJECT NO. 20166.330  
GMS FILE NO. 2599

GMS, INC.  
CONSULTING ENGINEERS  
611 N. WEBER, SUITE 300  
COLORADO SPRINGS, COLORADO 80903

SHEET  
EHW-1  
OF  
—

XREF FILENAME: G:\  
BASE DWG: G\  
PLOT STYLE FILE: 10502.ctb  
FILENAME: \G:\LFMS00\20166\330\EHW1\EHW1.dwg