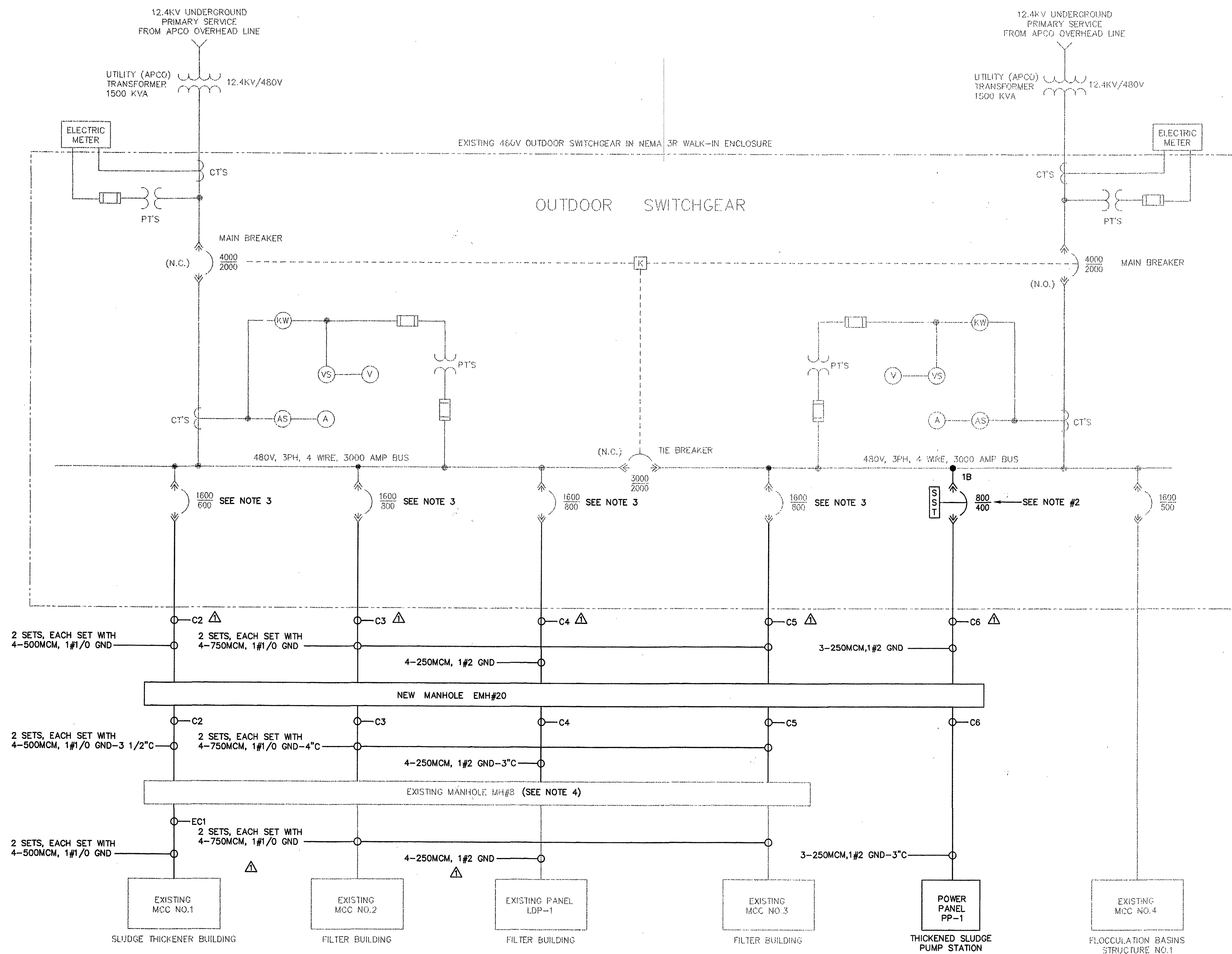




480V OUTDOOR SWITCHGEAR - ONE LINE DIAGRAM

- NOTES:
1. CONTRACTOR SHALL UTILIZE SPACE IN EXISTING SWITCHGEAR (EQUIP SPACE AS REQUIRED) AND INSTALL A NEW CIRCUIT BREAKER FOR FEEDER TO THICKENED SLUDGE PUMP STATION.
 2. EQUIP NEW 800 AMP FRAME BREAKER WITH A 225 AMP PLUG. NEW BREAKER TO HAVE AN INTERRUPTING RATING OF 200 KA RMS SYMM.
 3. ADJUST SETTINGS OF EXISTING BREAKER TO MATCH AMPACITY OF NEW FEEDER.
 4. REPLACE EXISTING FEEDERS FOR LDP-1, MCC#2, MCC#3 FROM EXISTING MH#8 TO FILTER BUILDING.

AUX. COMP.		MAIN BREAKER 4000 AMP FRAME	MCC NO. 2	SPACE	SPACE	SPACE	MAIN BREAKER 4000 AMP FRAME	AUX. COMP.
SPACE		LDP-1	SPACE	MCC NO. 4	SPACE	SPACE	SPACE	

FRONT VIEW

MODIFICATIONS TO EXISTING 480V OUTDOOR SWITCHGEAR
N.T.S.

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REVISIONS			
NO.	BY	DATE	REMARKS
1	ARB	JAN. 2000	RECORD DRAWING

DES. GJM/TK
DWN. GJM
CKD. TK



CITY OF ROANOKE, VIRGINIA
WATER POLLUTION
CONTROL PLANT
UPGRADE AND EXPANSION

ELECTRICAL
EXISTING OUTDOOR SWITCHGEAR
ONE LINE DIAGRAM
SCALE: NONE

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DATE MAY 1997
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