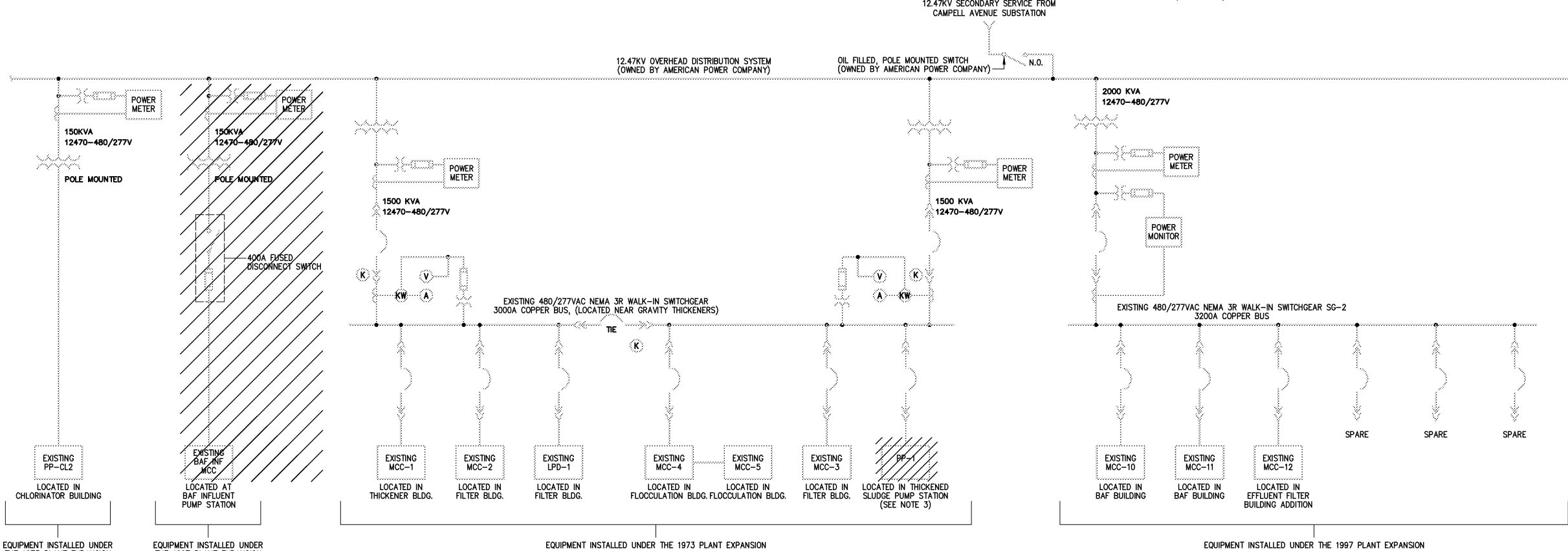


- NOTES:
- 1 THE CONTRACTOR SHALL REMOVE AND RELOCATE THE EXISTING NEMA 3R WALK-IN SWITCHGEAR (SG-3). THIS SWITCHGEAR WILL BE REINSTALLED TO A DIFFERENT LOCATION UNDER A DIFFERENT CONTRACT. THE CONTRACTOR SHALL USE CAUTION NOT TO DAMAGE SG-3 WHILE REMOVING IT FROM IT'S CURRENT LOCATION. THE SWITCHGEAR SHALL BE RELOCATED TO A LOCATION AS DIRECTED BY THE OWNER.
 - 2 ALL UTILITY TRANSFORMERS ARE OWNED BY THE ELECTRIC UTILITY EXCEPT THE 2000KVA 12470-4160/2400VAC TRANSFORMER SUPPLYING THE EXISTING BLOWER NO. 8 VFD. THIS TRANSFORMER IS OWNED BY THE CITY.
 - 3 PP-1 WILL BE REMOVED. THE CONTRACTOR SHALL INSTALL NEW SENSORS AND TRIP UNITS IN THE EXISTING 1600A/225AT CIRCUIT BREAKER TO INCREASE THE TRIP RATING OF THIS CIRCUIT BREAKER TO 1200AT. THE CONTRACTOR SHALL FURNISH AND INSTALL ADDITIONAL LUGS TO THE EXISTING SG-1 TO ACCEPT THE WIRE REQUIRED TO CONNECT THE NEW MCC-17 TO SG-1 AS INDICATED ON DRAWING E722.



MASTER SINGLE LINE DIAGRAM (EXISTING)

DESIGNED	BRL
DRAWN	BRL
CHECKED	
PROJ. ENGR.	RLT
APPROVED	
NO.	

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CITY OF ROANOKE
VIRGINIA
REGIONAL WATER POLLUTION CONTROL PLANT
WET WEATHER IMPROVEMENTS

ELECTRICAL
EXISTING MASTER SINGLE LINE DIAGRAM

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE	JULY 2003
	H & S JOB NUMBER	30788A
	CONTRACT NUMBER	A
	DRAWING NUMBER	E3