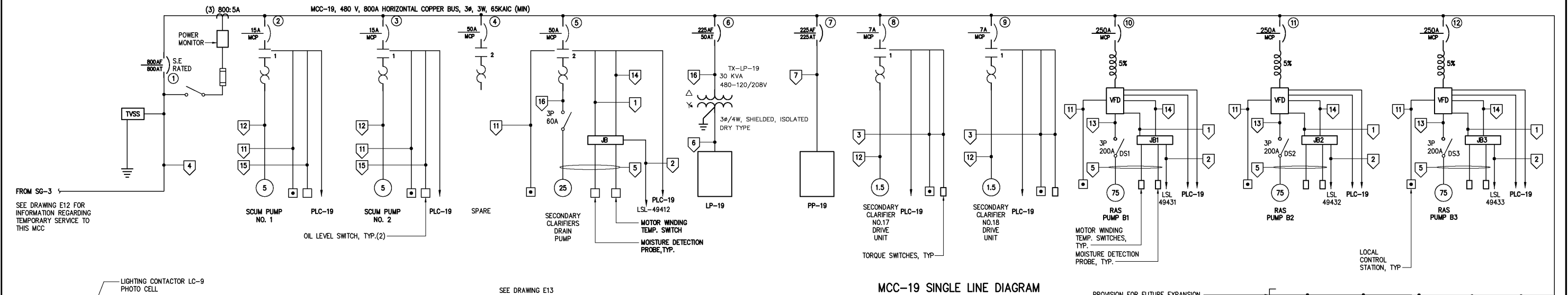
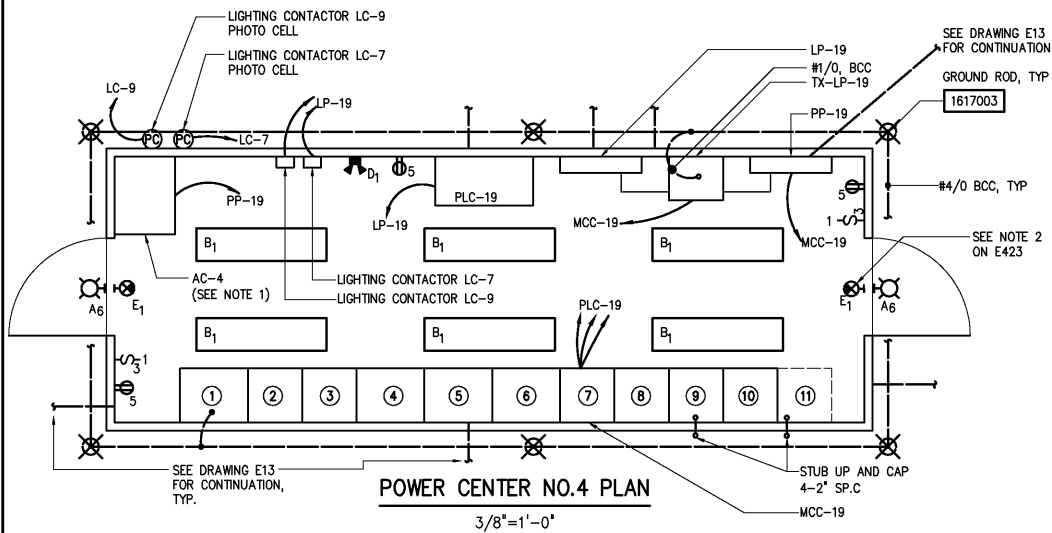


NOTES:  
1 POWER CENTER NO.4 SHALL BE FURNISHED WITH HEATING AND AIR CONDITIONING UNIT(S), LIGHTS, AND RECEPTACLES AS SPECIFIED IN SPECIFICATION SECTION 16482. THE CONTRACTOR SHALL COORDINATE THE POWER REQUIREMENTS FOR THESE DEVICES AND WIRE THEM TO THE APPROPRIATE PANELBOARD(S) (IF DIFFERENT FROM THE PANELBOARD SHOWN ON THIS DRAWING) IF THEY ARE NOT PRE-WIRED AT THE FACTORY PRIOR TO SHIPPING.



MCC-19 SINGLE LINE DIAGRAM



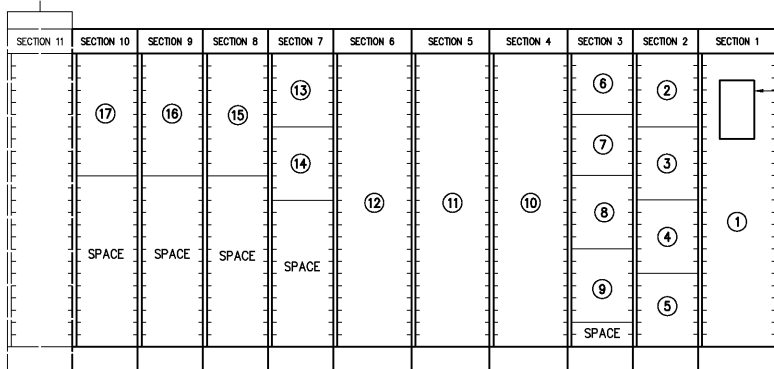
POWER CENTER NO.4 PLAN

3/8"=1'-0"

CONDUIT AND WIRE LEGEND  
(NUMBERS REFERENCE THIS SHEET ONLY)

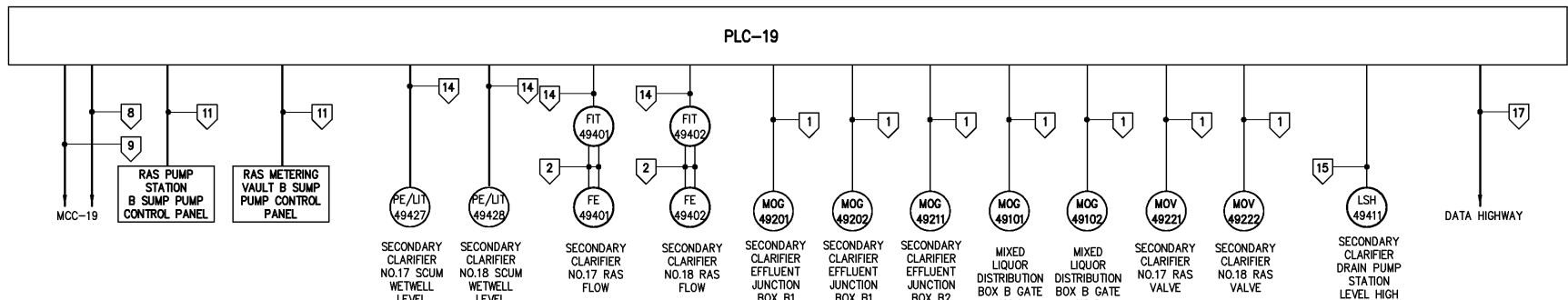
NO.	DESCRIPTION
1	12#14, #14G, 3/4"C
2	CABLE BY INSTRUMENT SUPPLIER, 3/4"C
3	8#14, #14G, 1"C
4	3(3#350kcmil, #3/0G, 3"C)
5	CABLE BY PUMP SUPPLIER
6	4#2, #6G, 2"C
7	3#350kcmil, #4G, 3"C
8	14-TPS, #14G, 2"C, 1-2" S.P.C.
9	70#14, #14G, 2"C
10	CABLE BY PUMP SUPPLIER, 1"C
11	6#14, #14G, 3/4"C
12	5#12, 4#14, #12G, 1"C
13	3#1/0, #4G, 2"C
14	2-TPS, #14G, 1"C
15	4#14, #14G, 3/4"C
16	3#6, #6G, 1"C
17	CABLE BY INSTRUMENTATION SUBCONTRACTOR 2"C

FUTURE SECTION

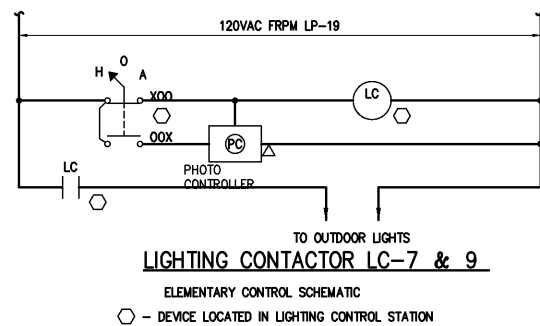


MCC-19 ELEVATION

NO SCALE

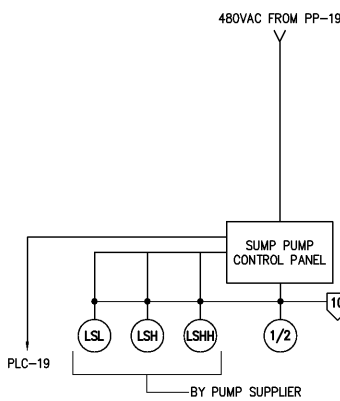


PLC-19 CONTROL ONE LINE DIAGRAM



LIGHTING CONTACTOR LC-7 & 9

○ - DEVICE LOCATED IN LIGHTING CONTROL STATION



RAS PUMP STATION B AND RAS METERING VAULT SUMP PUMP CONTROL PANEL WIRING DIAGRAM

				DESIGNED	BRL
				DRAWN	BRL
				CHECKED	
3	ADVICE/IDUALL 1	APRIL 2004	RLT	PROJ. ENGR.	H & S
2	CONSTRUCTION	MAR 2004	RLT		
1	REGULATORY APPROVAL	NOV 2003	RLT		
NO.	ISSUED FOR	DATE	BY	APPROVED	

THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY ROBERT S. DIFIORE, SEAL NO. 22769

RECORD DRAWING

THIS DRAWING HAS BEEN MODIFIED TO REFLECT FIELD CHANGES REPORTED BY THE CONTRACTOR OR ANOTHER PARTY, BUT NOT VERIFIED BY THE CERTIFYING ENGINEER. THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY GERALD J. RATASKY, 026535. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

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CITY OF ROANOKE  
VIRGINIA

REGIONAL WATER POLLUTION CONTROL PLANT  
PROCESS TRAIN IMPROVEMENTS

RAS PUMP STATION B  
ELECTRICAL

SINGLE LINE DIAGRAM, CONTROL ONE LINE  
DIAGRAM, ELEVATION AND POWER CENTER NO.4 PLAN

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE	MARCH 2004
	H & S JOB NUMBER	30788B
	CONTRACT NUMBER	B
	DRAWING NUMBER	E491