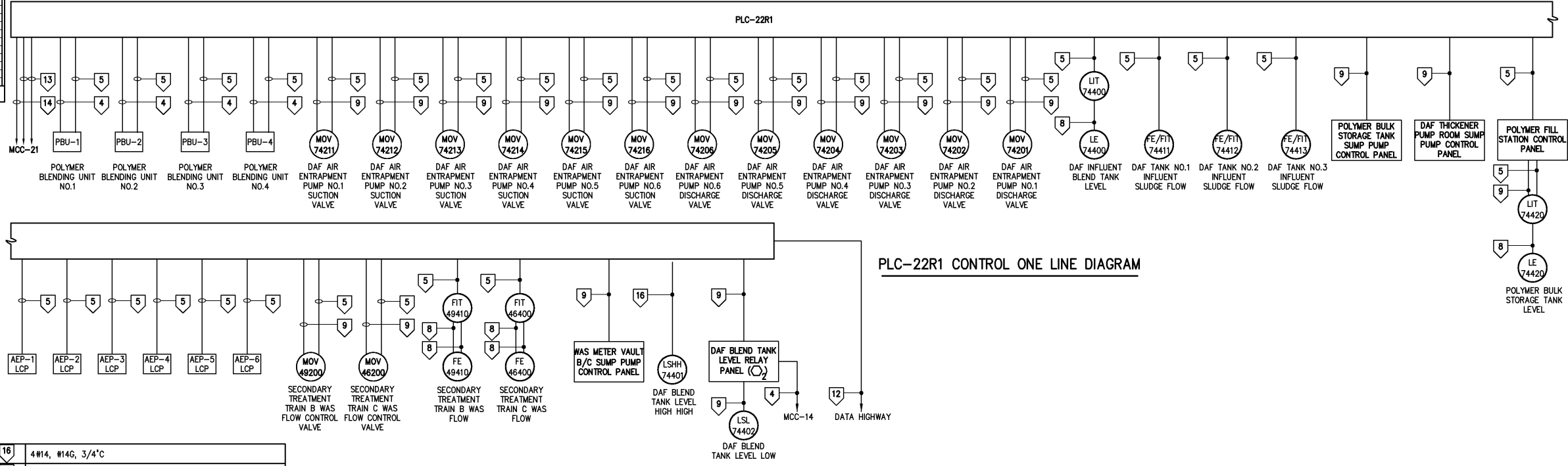


MCC-21 SINGLE LINE DIAGRAM

SECTION 8	SECTION 7	SECTION 6	SECTION 5	SECTION 4	SECTION 3	SECTION 2	SECTION 1
SPACE	22	18 19	9	6	4	2	POWER MONITOR
SPACE	23	20 21	10	7			
SPACE	24	12 13	11	8	5	3	
SPACE		14 15					
		16 17					

MCC-21 ELEVATION

CONDUIT AND WIRE LEGEND	
(NUMBERS REFERENCE THIS SHEET ONLY)	
NO.	DESCRIPTION
1	5#12, 4#14, #12G, 1" C
2	3#6, 4#14, 2#12, #8G, 1" C
3	8#14, 2#12, #12GND, 3/4" C
4	10#14, #14G, 1" C
5	2-TPS, #14G, 1" C
6	3(3#350kcmil, #3/DG, 3" C)
7	CABLE BY PUMP SUPPLIER, 3/4" C
8	CABLE BY SUPPLIER, 3/4" C
9	6#14, #14G, 3/4" C
10	3#250kcmil, #4G, 3" C
11	3#12, #12G, 3/4" C
12	CABLE BY INSTRUMENTATION SUBCONTRACTOR, 2" C
13	70#14, #14G, 2" C
14	14-TPS, 2" C, 1-2" SP.C.
15	2#4, #8G, 1" C



PLC-22R1 CONTROL ONE LINE DIAGRAM

DESIGNED: BRL DRAWN: BRL CHECKED: PROJ. ENGR: DAN	THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY ROBERT S. DIFIORE, SEAL NO. 22769 THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY RONALD L. TAYLOR, SEAL NO. 024649	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. GERALD J. RATASKY, 026535. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.	Hazen and Sawyer Environmental Engineers & Scientists 4011 WestChase Blvd, Raleigh, North Carolina 27607	CITY OF ROANOKE VIRGINIA REGIONAL WATER POLLUTION CONTROL PLANT PROCESS TRAIN IMPROVEMENTS	DAF THICKENER BUILDING MODIFICATIONS ELECTRICAL SINGLE LINE DIAGRAMS AND ELEVATION	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: E743
--	--	---	--	---	--	---