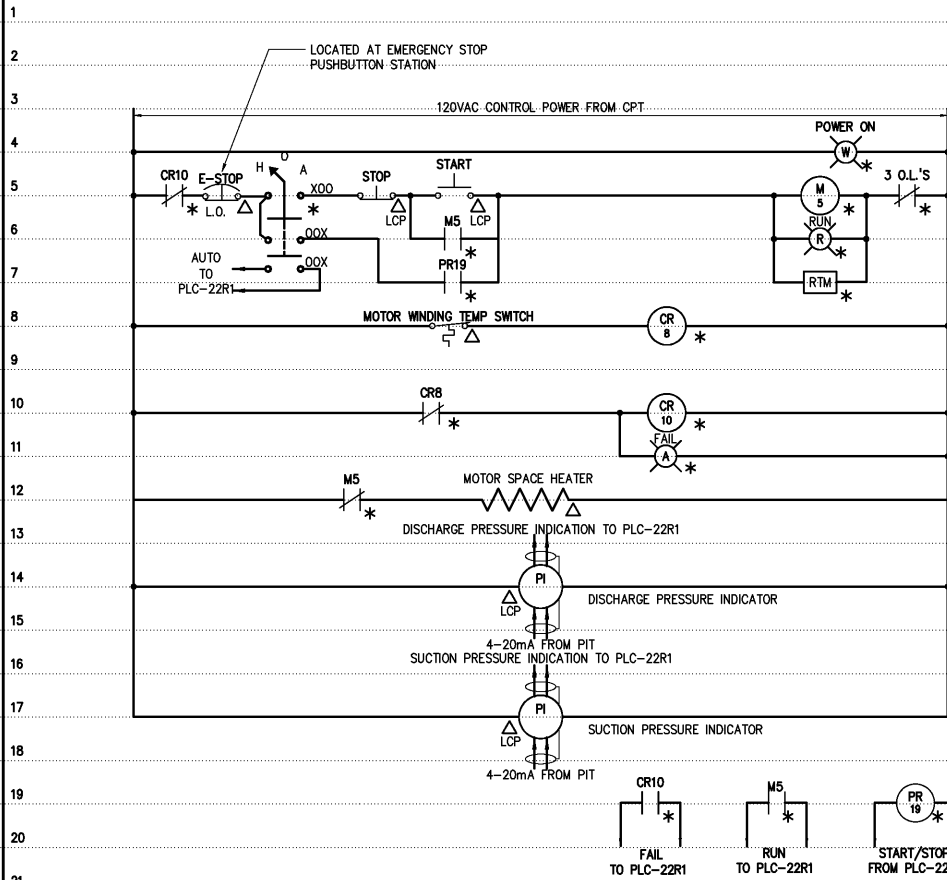
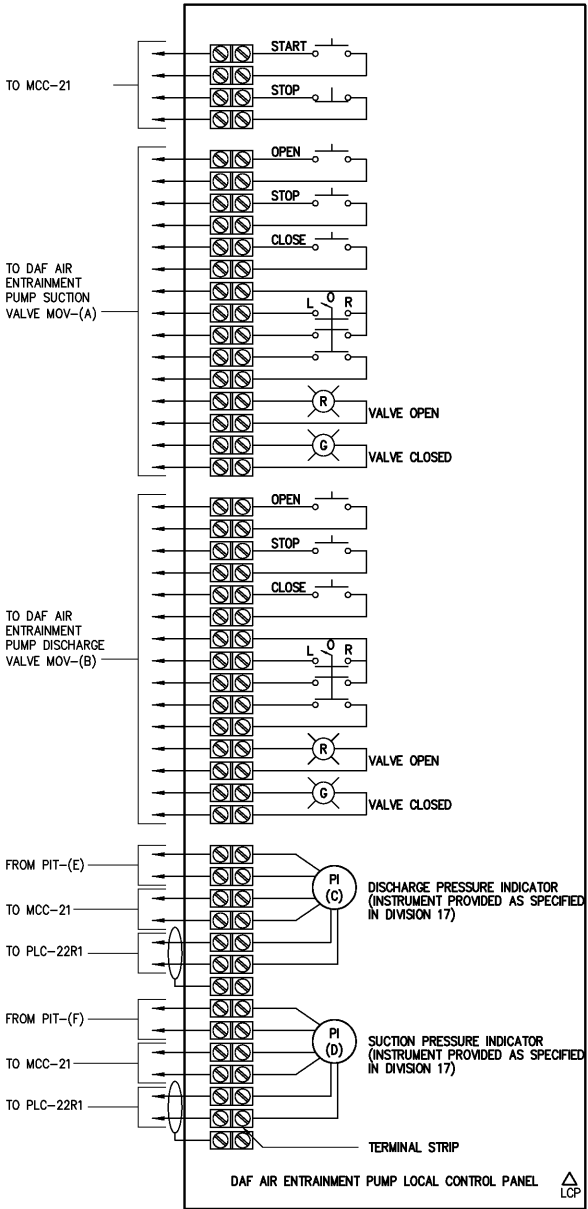


NOTES:

1 THE LOCAL CONTROL STATION FOR THE AIR ENTRAINMENT PUMPS NO.1 – NO.6 SHALL CONTAIN THE START/STOP PUSHBUTTONS, SUCTION AND DISCHARGE PRESSURE INDICATORS, AND THE VALVE OPEN/CLOSE PUSHBUTTONS AS INDICATED ON THE DRAWINGS. REFERENCE SPECIFICATION 17950 – FUNCTIONAL CONTROL DESCRIPTIONS FOR ADDITIONAL INFORMATION.



AIR ENTRAINMENT PUMPS NO. 1 – NO. 6
ELEMENTARY CONTROL SCHEMATIC (SEE NOTE 1)



AEP LOCAL CONTROL PANEL	MOV-(A)	MOV-(B)	PI-(C)	PI-(D)	PIT-(E)	PIT-(F)
AEP-1 LCP	MOV-74211	MOV-74201	PI-74431	PI-74441	PIT-74431	PIT-74441
AEP-2 LCP	MOV-74212	MOV-74202	PI-74432	PI-74442	PIT-74432	PIT-74442
AEP-3 LCP	MOV-74213	MOV-74203	PI-74433	PI-74443	PIT-74433	PIT-74443
AEP-4 LCP	MOV-74214	MOV-74204	PI-74434	PI-74444	PIT-74434	PIT-74444
AEP-5 LCP	MOV-74215	MOV-74205	PI-74435	PI-74445	PIT-74435	PIT-74445
AEP-6 LCP	MOV-74216	MOV-74206	PI-74436	PI-74446	PIT-74436	PIT-74446

AIR ENTRAINMENT PUMP LOCAL CONTROL PANEL NO. 1 – NO. 6
WIRING DIAGRAM

DESIGNED	BRL
DRAWN	BRL
CHECKED	
PROJ. ENGR.	H & S
APPROVED	

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CITY OF ROANOKE
VIRGINIA

REGIONAL WATER POLLUTION CONTROL PLANT
PROCESS TRAIN IMPROVEMENTS

DAF THICKENER BUILDING MODIFICATIONS
ELECTRICAL
ELEMENTARY CONTROL SCHEMATIC AND
WIRING DIAGRAM

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 E745