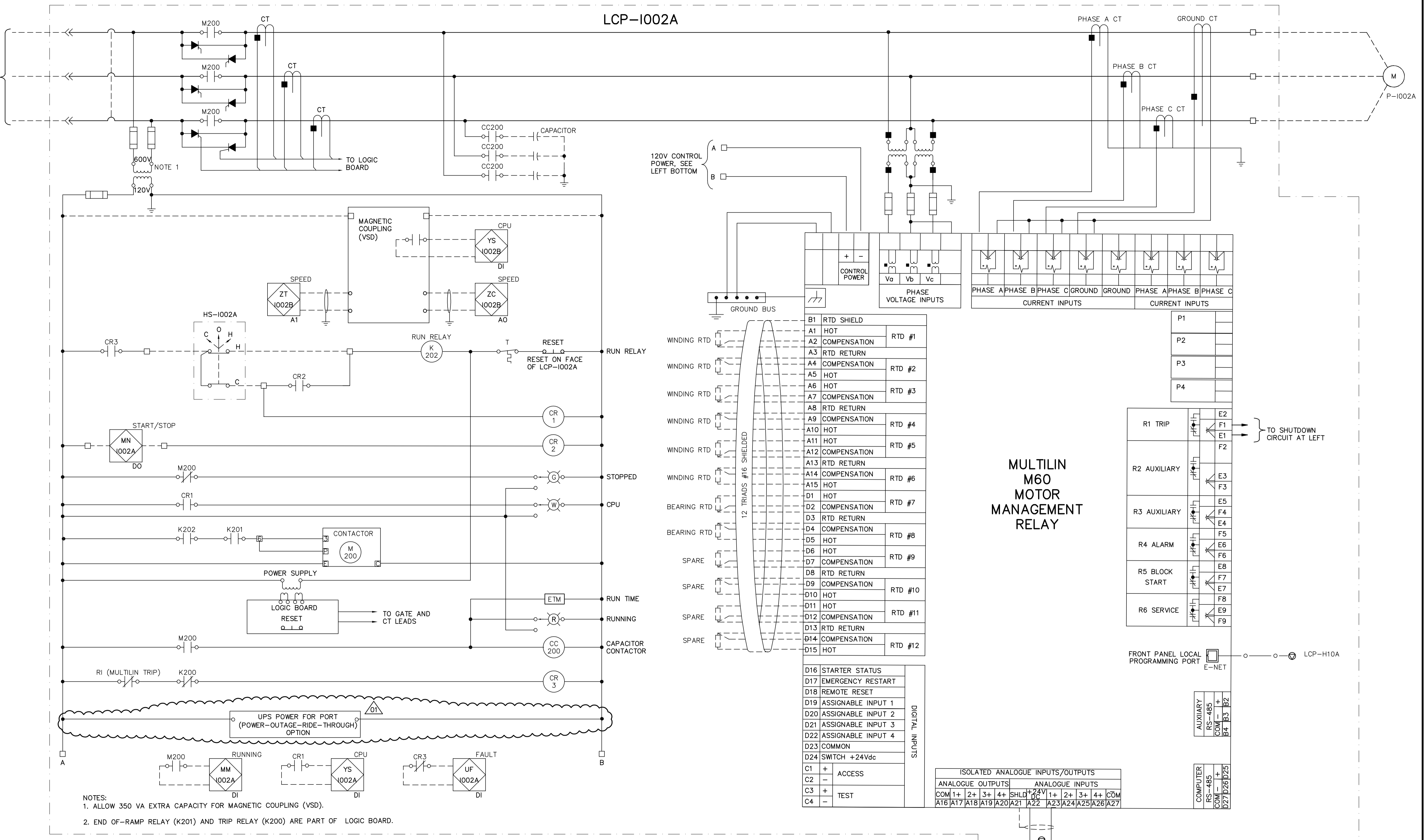
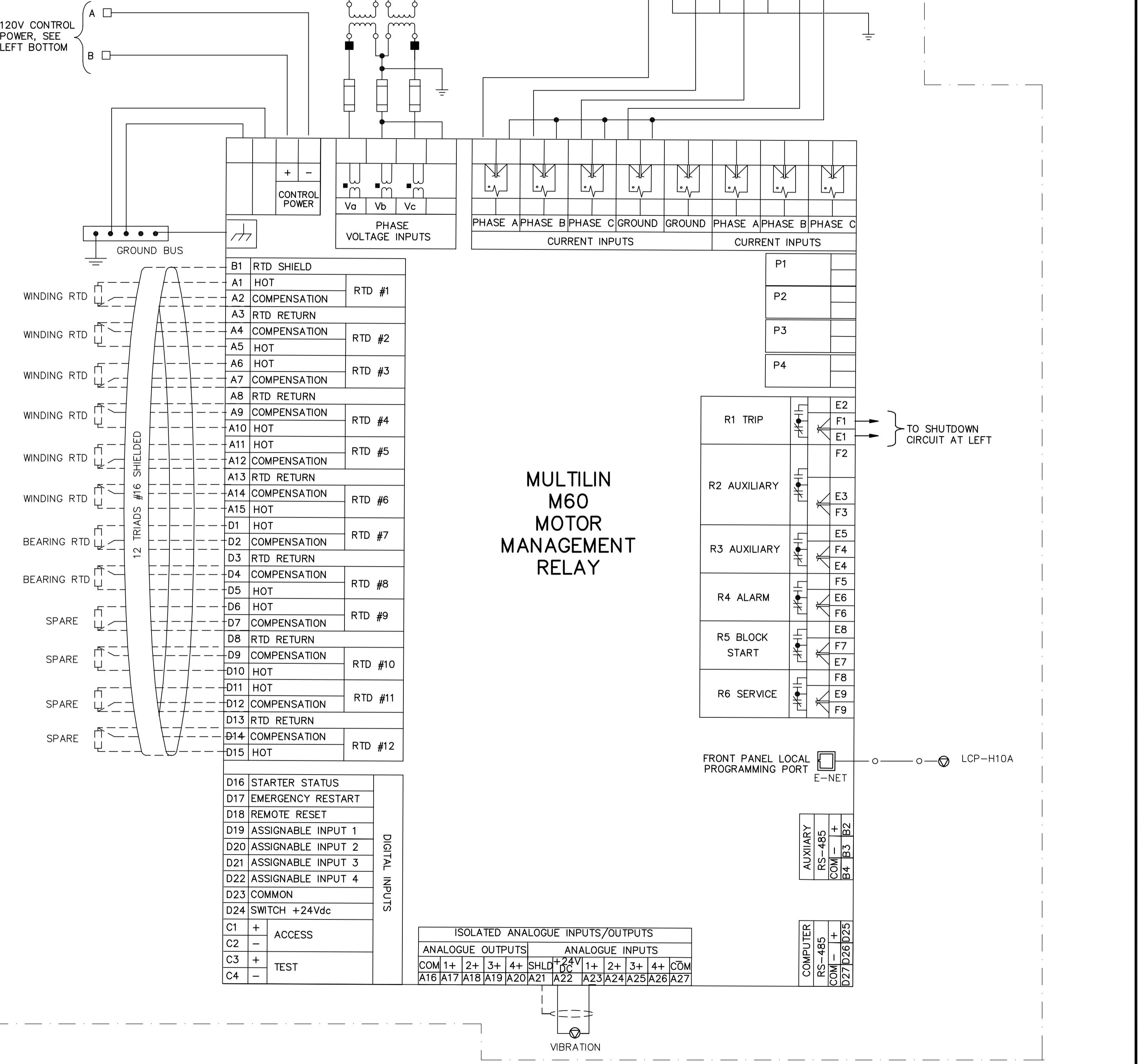


LCP-1002A



- NOTES:
1. ALLOW 350 VA EXTRA CAPACITY FOR MAGNETIC COUPLING (VSD).
 2. END OF-RAMP RELAY (K201) AND TRIP RELAY (K200) ARE PART OF LOGIC BOARD.

RAW WATER SUPPLY PUMP 2 (P-1002A)



MULTILIN M60 MOTOR MANAGEMENT RELAY

B1	RTD SHIELD	
A1	HOT	RTD #1
A2	COMPENSATION	
A3	RTD RETURN	
A4	COMPENSATION	RTD #2
A5	HOT	
A6	HOT	
A7	COMPENSATION	RTD #3
A8	RTD RETURN	
A9	COMPENSATION	
A10	HOT	RTD #4
A11	HOT	
A12	COMPENSATION	
A13	RTD RETURN	
A14	COMPENSATION	RTD #6
A15	HOT	
D1	HOT	RTD #7
D2	COMPENSATION	
D3	RTD RETURN	
D4	COMPENSATION	RTD #8
D5	HOT	
D6	HOT	RTD #9
D7	COMPENSATION	
D8	RTD RETURN	
D9	COMPENSATION	RTD #10
D10	HOT	
D11	HOT	RTD #11
D12	COMPENSATION	
D13	RTD RETURN	
D14	COMPENSATION	RTD #12
D15	HOT	

D16	STARTER STATUS	
D17	EMERGENCY RESTART	
D18	REMOTE RESET	
D19	ASSIGNABLE INPUT 1	
D20	ASSIGNABLE INPUT 2	
D21	ASSIGNABLE INPUT 3	
D22	ASSIGNABLE INPUT 4	
D23	COMMON	
D24	SWITCH +24Vdc	
C1	+	ACCESS
C2	-	
C3	+	TEST
C4	-	

ANALOGUE OUTPUTS		ANALOGUE INPUTS	
COM 1+	2+	3+	4+
A16	A17	A18	A19
A20	A21	A22	A23
A24	A25	A26	A27

P1		E2
P2		F1
P3		E1
P4		F2
R1 TRIP		F3
R2 AUXILIARY		E3
R3 AUXILIARY		E5
R4 ALARM		F4
R5 BLOCK START		E4
R6 SERVICE		F5
		F6
		E8
		F7
		E7
		F8
		E9
		F9

FRONT PANEL LOCAL PROGRAMMING PORT E-NET LCP-H10A

VIBRATION

<p>Certificate of Authorization CH2M HILL Canada Ltd. No. 1441 Expiry: April 30, 2007</p>	<p>B.M. ELEV.</p> <table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																	<p>Frederickson Cooper ARCHITECTS</p>	<p>A Terra International Ltd. Company</p>	ENGINEER'S SEAL	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p>
DESIGNED BY JT	CHECKED BY ND	ORIGINAL SIGNED BY L.D. LLEWELLYN																			
DRAWN BY KJ	APPROVED BY AHL	2006/03/29																			
SCALE: NTS	RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI	CONSULTANT DRAWING NO. WB-E0546																			
01 742-2005 ADDENDUM 3 06/05/05 LL	00 ISSUED FOR TENDER 06/03/29 LL	DATE 2005/11/08	DATE 2006/03/29	WATER TREATMENT PLANT MAIN BUILDING MECHANICAL AND ELECTRICAL	CITY FILE NUMBER																
NO. REVISIONS	DATE BY	DATE	DATE	ELECTRICAL CONTROL DIAGRAM	SHEET OF																
					CITY DRAWING NUMBER 1-0601B-H-E0546-001-01D																