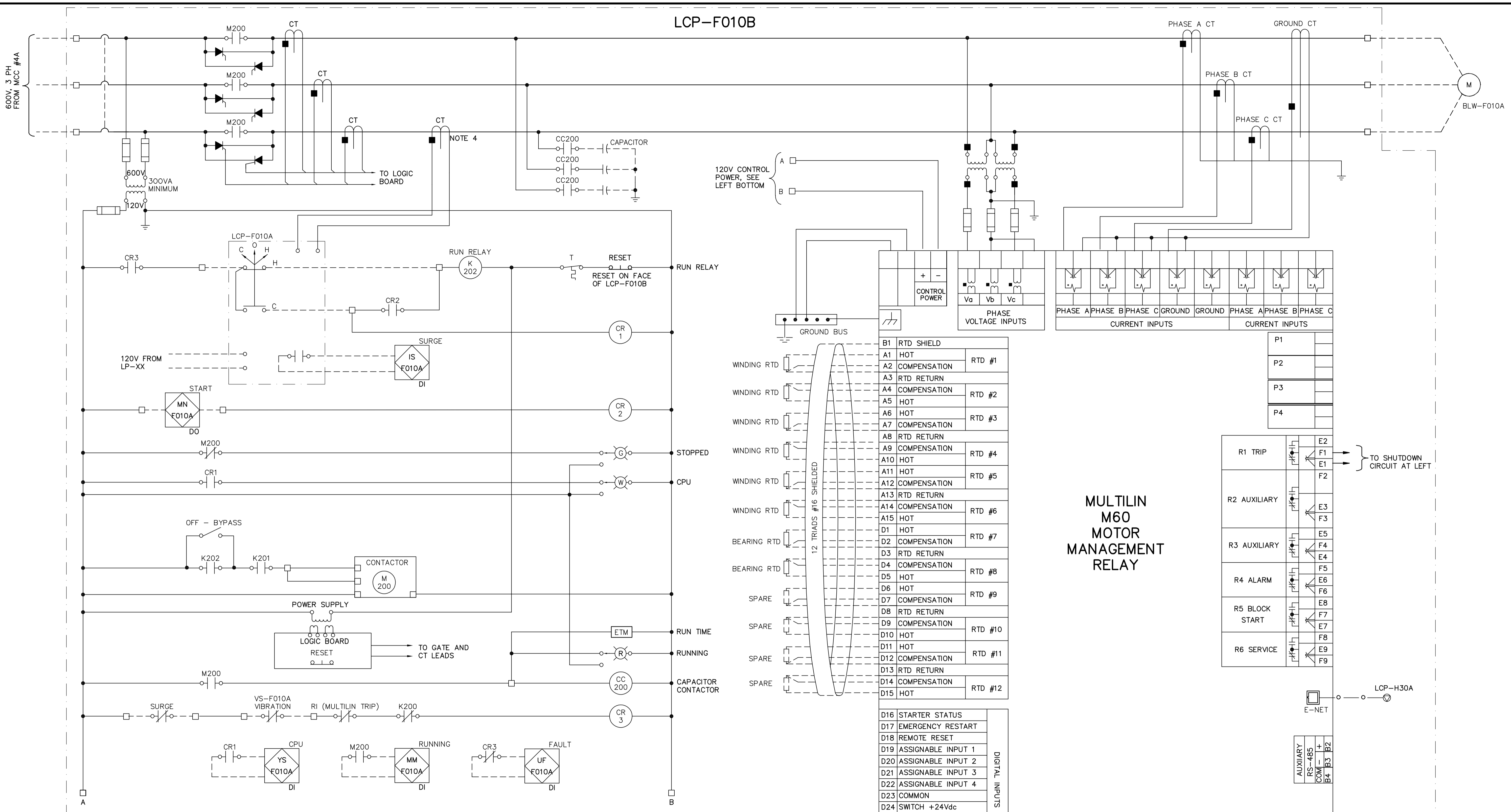


LCP-F010B



- NOTES:
1. END OF-RAMP RELAY (K201) AND TRIP RELAY (K200) ARE PART OF LOGIC BOARD.
 2. LP-F010A - SUPPLIED BY BLOWER SUPPLIER
 3. REFER TO P&ID AND SPECIFICATION FOR ADDITIONAL WIRING BETWEEN MANUFACTURER SUPPLIED FIELD DEVICES AND LP-H31.
 4. CT SUPPLIED BY BLOWER SUPPLIER, INSTALLED IN THE MCC.

FILTER AIR SCOUR BLOWER 1 (BLW-F010A)

120V CONTROL POWER, SEE LEFT BOTTOM

MULTILIN M60 MOTOR MANAGEMENT RELAY

CONTROL POWER	+	-													
PHASE VOLTAGE INPUTS	Va	Vb	Vc												
CURRENT INPUTS	PHASE A	PHASE B	PHASE C	GROUND	GROUND	PHASE A	PHASE B	PHASE C							
WINDING RTD	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15
WINDING RTD	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15
BEARING RTD	12 TRIADS #16 SHIELDED														
BEARING RTD	12 TRIADS #16 SHIELDED														
SPARE	12 TRIADS #16 SHIELDED														
SPARE	12 TRIADS #16 SHIELDED														
SPARE	12 TRIADS #16 SHIELDED														
SPARE	12 TRIADS #16 SHIELDED														

B1	RTD SHIELD	
A1	HOT	RTD #1
A2	COMPENSATION	
A3	RTD RETURN	
A4	COMPENSATION	RTD #2
A5	HOT	
A6	HOT	RTD #3
A7	COMPENSATION	
A8	RTD RETURN	
A9	COMPENSATION	RTD #4
A10	HOT	
A11	HOT	RTD #5
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	-	TEST
C3	+	TEST
C4	-	TEST

ISOLATED ANALOGUE INPUTS/OUTPUTS	
ANALOGUE OUTPUTS	ANALOGUE INPUTS
COM 1+ 2+ 3+ 4+ SHLD +24V	COM 1+ 2+ 3+ 4+ COM
A16 A17 A18 A19 A20 A21	A22 A23 A24 A25 A26 A27

AUXILIARY	RS-485	COM 1+	B2
COM 1+	B4	B3	B2

COMPUTER	RS-485	COM 1+	D27/D26/D25
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TO SHUTDOWN CIRCUIT AT LEFT

LCP-H30A

E-NET

<p>Certificate of Authorization CH2M HILL Canada Ltd. No. 1441 Expiry: April 30, 2006</p>	<p>Frederickson Cooper ARCHITECTS</p>	<p>A 100 International Ltd. Company</p>	ENGINEER'S SEAL ORIGINAL SIGNED BY L.D. LLEWELLYN 2006/03/29	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p>
			DESIGNED BY: JT CHECKED BY: ND DRAWN BY: KJ APPROVED BY: AHL SCALE: NTS RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI DATE: 2005/11/08	
B.M. ELEV.			CONSULTANT DRAWING NO. WB-E0559	CITY FILE NUMBER SHEET OF CITY DRAWING NUMBER 1-0601B-H-E0559-001-000