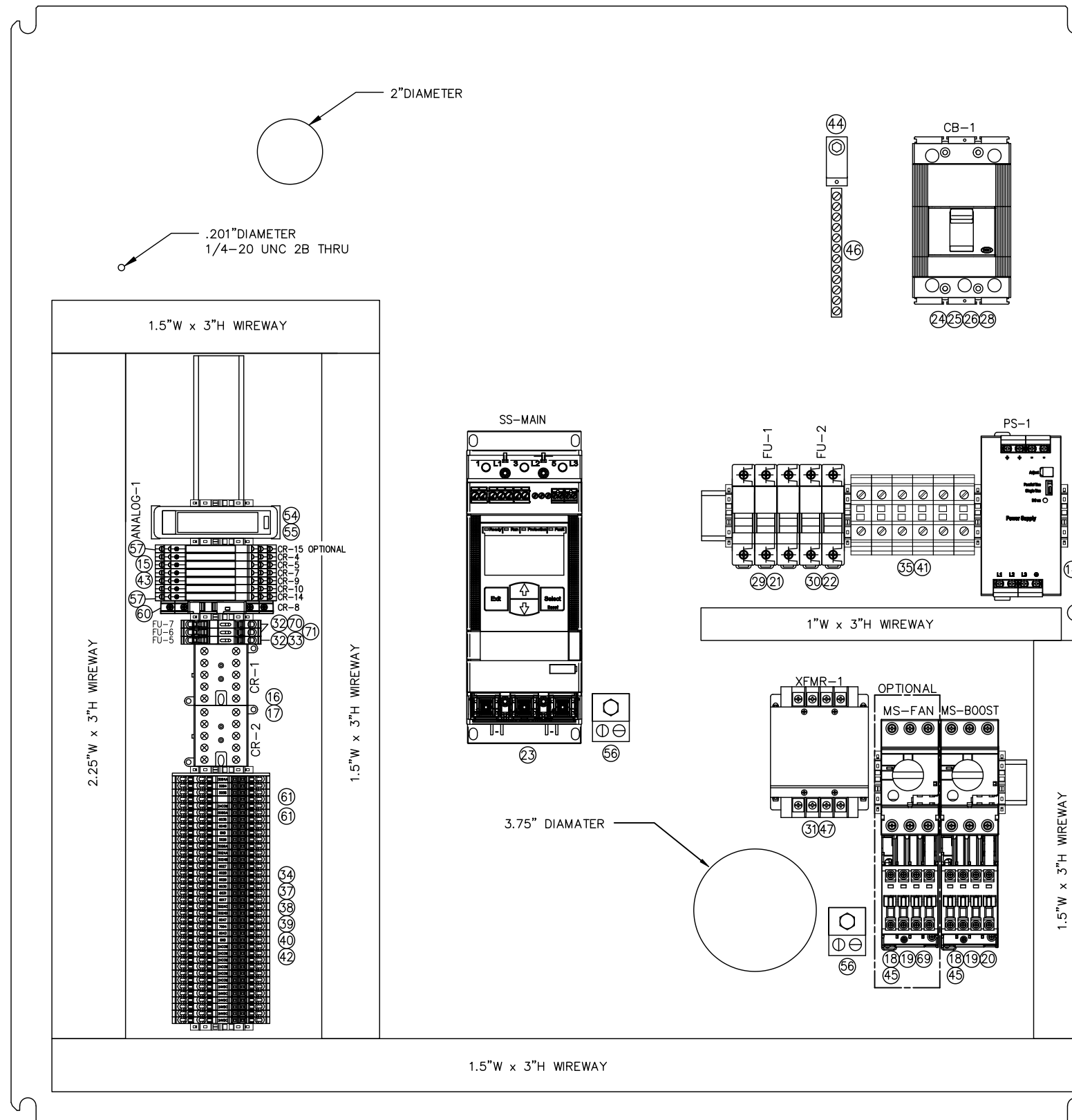


ASSEMBLED IN UL CERTIFIED 508A PANEL SHOP

UNLESS OTHERWISE SPECIFIED IN THIS DOCUMENT,
PARTS MUST BE COMPLIANT WITH THE HYPERTHERM
ENVIRONMENTAL SPECIFICATION PN 048266

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	-TOLERANCES- UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES ANGULAR: MACH ± 1 BEND ± 1 ONE PLACE DECIMAL ± .05 TWO PLACE DECIMAL ± .015 THREE PLACE DECIMAL ± .005 BREAK AND DEBURR ALL EDGES .015 MAX	<table border="1"> <tr> <th>NAME</th> <th>DATE</th> <th>MATERIAL</th> </tr> <tr> <td>DRAWN: SMM</td> <td>04-06-18</td> <td></td> </tr> <tr> <td>CHECKED: XXX</td> <td></td> <td>HARDNESS</td> </tr> <tr> <td>ENG APPR: XXX</td> <td></td> <td>WEIGHT</td> </tr> </table>	NAME	DATE	MATERIAL	DRAWN: SMM	04-06-18		CHECKED: XXX		HARDNESS	ENG APPR: XXX		WEIGHT	<table border="1"> <tr> <th>SHEET</th> <th>SCALE:</th> <th>FINISH</th> </tr> <tr> <td>1 OF 7</td> <td>1:1</td> <td></td> </tr> </table>	SHEET	SCALE:	FINISH	1 OF 7	1:1		<table border="1"> <tr> <th>SIZE</th> <th>DWG. NO.</th> <th>REV</th> </tr> <tr> <td>B</td> <td>1-17203</td> <td>E</td> </tr> </table>	SIZE	DWG. NO.	REV	B	1-17203
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	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS CONSIDERED PROPRIETARY AND MAY NOT BE USED FOR MANUFACTURING OR FABRICATION PURPOSES WITHOUT PERMISSION FROM HYPERTHERM, INC.	-TOLERANCES- UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES ANGULAR: MACH ± .1 BEND ± 1 ONE PLACE DECIMAL ± .05 TWO PLACE DECIMAL ± .015 THREE PLACE DECIMAL ± .005 BREAK AND DEBURR ALL EDGES .015 MAX	NAME SMM	DATE 04-06-18	MATERIAL	SHEET 2 OF 7	SCALE: 1:1
		CHECKED XXX		HARDNESS	SIZE B	DWG. NO. 1-17203	REV E

ITEM	QTY.	MANUFACTURER	DESCRIPTION	PART NO.	HYPERTHERM PART NO.
1	1	RITTAL	ENCLOSURE	WM363612NC	1-17047
2	1	HORNER ELECTRIC	PLC/OPERTOR INTERFACE	HE-XC1E4	1-15005
3	1	BANNER	STACK LIGHT	K50LGRYP	1-17436
4	1	ABB	CONTROL POWER ON LIGHT OPERATOR, MOMENTARY, EXTENED, WHITE	MP3-11W	1-14076
5	1	ABB	HOLDER AND CONTACT BLOCK, 1 N.O.	MCBH-101	1-17001
6	1	ABB	LED, 24VDC, WHITE	KA2-2025	1-14055
7	1	IDEC	REMOTE/LOCAL SELECTOR SWITCH OPERATOR, KEYED	HW1K-2A	1-14039
8	1	IDEC	HOLDER AND CONTACT BLOCK, 1 N.O., 1 N.C.	HW-CBF11	1-14040
9	1	ABB	E-STOP OPERATOR, MAINTAINED, TWIST TO RELEASE	MPMT3-10R	1-14077
10	1	ABB	HOLDER AND CONTACT BLOCK, 2 N.C.	MCBH-02	1-14078
11	1	ABB	REMOTE ACTIVE INDICATOR LIGHT, 24VDC, LED, BLUE	CL2-502L	1-14079
12	1	HYPERTHERM	PLC/OPERATOR INTERFACE MOUNTING PLATE	HYPERTHERM	1-14654
13	1	HYPERTHERM	HYPERTHERM OPERATOR FACEPLATE	HYPERTHERM	1-16889
14	1	PULS	POWER SUPPLY, 10 AMP, 24VDC	CT10.241	1-17037
15	5	PHOENIX CONTACT	SOLID STATE RELAY, 24VDC COIL, SPDT	2966634	1-14030
16	2	ABB	MINI CONTACTOR, 24VDC COIL, 4 POLE N.O.	BC6-30-10-01	1-14081
17	2	ABB	SURGE SUPPRESSOR	RV-BC6/60	1-14090
18	1	ABB	CONTACTOR MATING CONNECTOR	BEA16-4	1-15046
19	1	ABB	CONTACTOR, 24VDC COIL, 3 POLE 1 N.O. AUX.	AF09Z-30-10-21	1-15045
20	1	ABB	MANUAL MOTOR PROTECTOR	MS132-1.0	1-16022
21	*4	FERRAZ	FUSE, 600V, TIME DELAY, 6 AMP, CLASS CC	ATQR6	1-14096
22	*3	FERRAZ	FUSE, 600V, TIME DELAY, .3 AMP, CLASS CC	ATQR3/10	1-17318
23	1	ABB	SOFT STARTER	PSE105-600-70	1-16502
24	1	ABB	CIRCUIT BREAKER, 3 POLE, 80 AMP	XT1NQ3080AAA000XXX	1-17017
25	1	ABB	DISCONNECT KEY LOCKOUT KIT	KXTARHLOPCL	1-17319
26	1	ABB	ROTARY HANDLE MECHANISM	KXTBRHEBFP	1-17320
27	1	ABB	ROTARY HANDLE	OHB65J10B	1-17325
28	1	ABB	SHAFT	EXP10X500	1-17321
29	1	ABB	FUSE HOLDER, 3 POLE, CLASS CC, LIGHTED	E93/30CCS	1-17332
30	1	ABB	FUSE HOLDER, 2 POLE, CLASS CC, LIGHTED	E92/30CCS	1-17026
31	1	SOLA/HD	TRANSFORMER 460/230V-120V, 50VA	E050	1-17048
32	3	PHOENIX CONTACT	FUSE HOLDER, 1 POLE, 24VDC LIGHTED, 1 1/4 x 1/4 FUSE	3038765	1-14095
33	*2	FERRAZ	FUSE, 250V 2 AMP, FAST ACTING, CERAMIC 1 1/4 x 1/4	GAB-2	1-14098
34	35	PHOENIX CONTACT	TERMINAL BLOCK, PT2.5-TWIN	3209549	1-14100
35	6	PHOENIX CONTACT	TERMINAL BLOCK, SCREW, UT 35	3044225	1-17042
36	N/A				
37	1	PHOENIX CONTACT	TERMINAL BLOCK, END PLATE	3030488	1-14102
38	11	PHOENIX CONTACT	TERMINAL BLOCK, END BARRIER 5.2MM	3022276	1-18405
39	2	PHOENIX CONTACT	TERMINAL BLOCK JUMPER, 10 POSITION	3030213	1-14103
40	2	PHOENIX CONTACT	TERMINAL BLOCK JUMPER, 2 POSITION	3030161	1-14037
41	3	PHOENIX CONTACT	TERMINAL BLOCK, JUMPER, 2 POSITION 16mm	3005963	1-17040
42	2	PHOENIX CONTACT	TERMINAL BLOCK, PT2.5-TWIN-PE	3209565	1-14101
43	1/2	PHOENIX CONTACT	SOLID STATE RELAY JUMPER, 20 POSITION	2966692	1-14105
44	1	T&B-BLACKBURN	GROUND LUG	ADR21	1-17051
45	1	ABB	POWER FEED TERMINAL	S1-M3-25	1-17006
46	1	SIEMENS	10 HOLE GROUND BAR	GB10	1-14109
47	1	SOLA/HD	TRANSFORMER TERMINAL COVERS	IP20	1-17049
48	1	PHOENIX CONTACT	RJ45 ADAPTOR	1689064	1-17033
49	1	PHOENIX CONTACT	RJ45 FRAME	1689844	1-17034
50	1	PHOENIX CONTACT	FRAME CAP	1652606	1-17032
51	1	BELKIN	CAT 5E ETHERNET CABLE, 7FT.	A3L791-07-BLU-M	1-17023
52	6	HAMMOND	HOLE PLUG, STEEL, 22mm PUSHBUTTON	HP22	1-17030
53	1	HAMMOND	HOLE PLUG, STEEL, 1.25"	HP125	1-17028
54	1	HORNER ELECTRIC	ANALOG INPUT MODULE, 4 CHANNEL	HE359ADC107	1-17031
55	1	HORNER ELECTRIC	PLC TO SMARTMOD INTERFACE CABLE	TPCCBL	1-14112
56	2	T&B-BLACKBURN	DOUBLE GROUND LUG	ADR11-21	1-17050
57	1	PHOENIX CONTACT	RELAY, 24VDC COIL, 1 PDT	2966171	1-17388
58	N/A				
59	1	RITTAL	PRINT POCKET	2514.000	1-17045

60	1	CRYDOM	SOLID STATE RELAY, 24VDC	DR06D06	1-17024
61	2	VISHAY	FLYBACK DIODE	UG4D-E3/54	1-17085
62	1	T & B	CABLE GLAND, 1/2NPT	CC-NPT-12-G	1-17052
63	1	T & B	CABLE GLAND LOCKNUT, 1/2 NPT	LN-501	1-17317
64	1	TURCK	JUNCTION BOX, CUSTOM VBM 80	U2-31197	1-17125
65	1	BANNER	STACKLIGHT BASE	SA-E12M30	1-17146
66	1	BANNER	STACKLIGHT STAND-OFF PIPE	SOP-E12-300A	1-17147
67	1	BANNER	STACKLIGHT PIPE ADAPTOR	SA-M30TE12	1-17323
68	1	KINGSTON	SD MEMORY CARD, 32GB	MBLY10G2/32GB	1-17355
69	1	HAMMOND	HOLE PLUG, STEEL, 2"	HP200	1-17029
70	*3	FERRAZ	FUSE, 250V 4AMP, TIME DELAY, CERAMIC 1 1/4 X 1/4	GSA-4	1-18406
71	1	PHOENIX CONTACT	TERMINAL BLOCK JUMPER, 3 POSITION 8.2mm PITCH	3030297	1-18423

SHIP ONE LOOSE AS SPARE

SHIP ONE LOOSE AS SPARE


SHIP ONE LOOSE AS SPARE

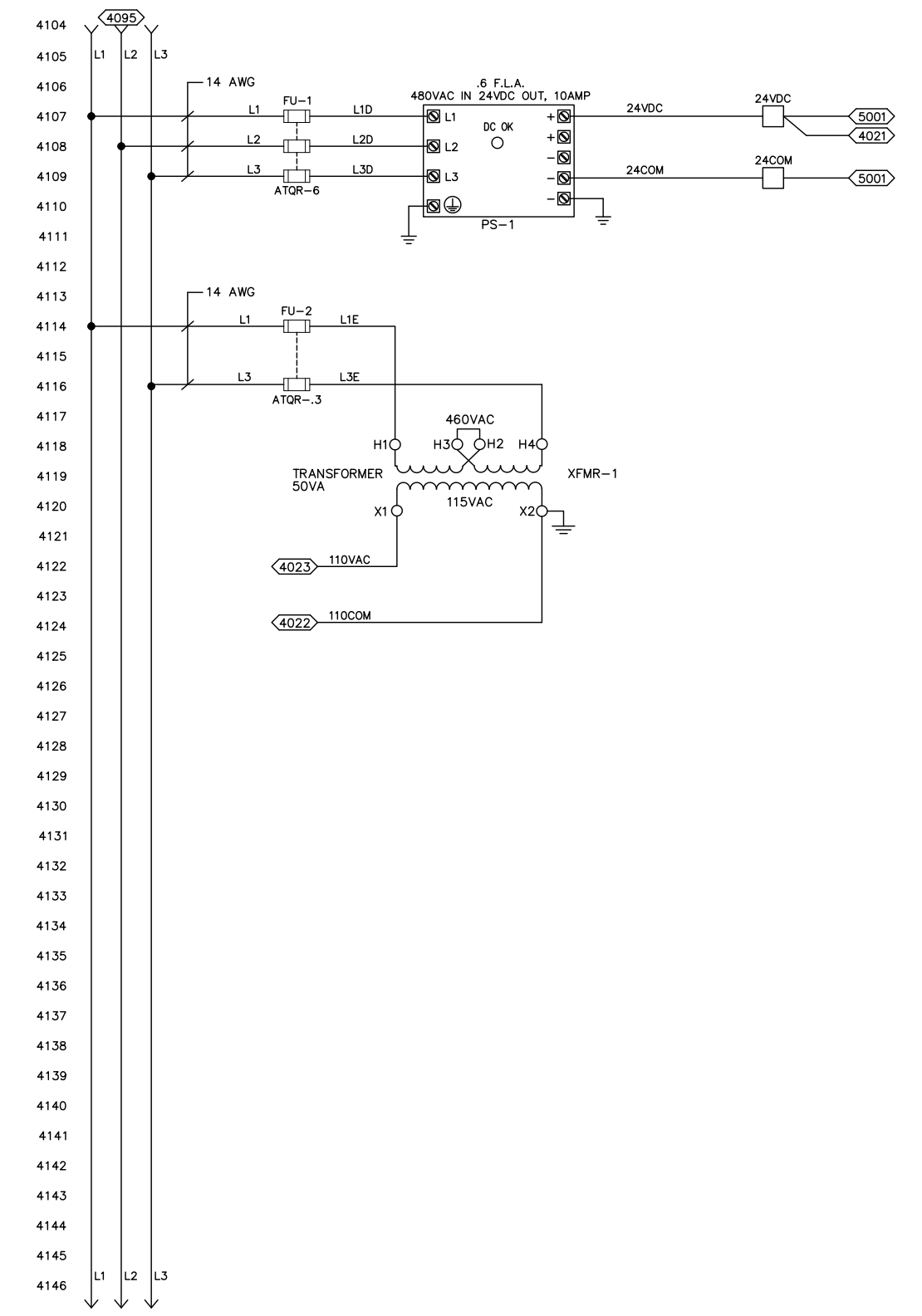
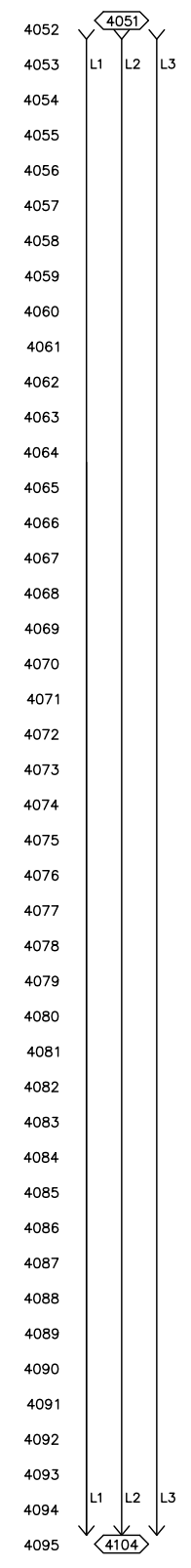
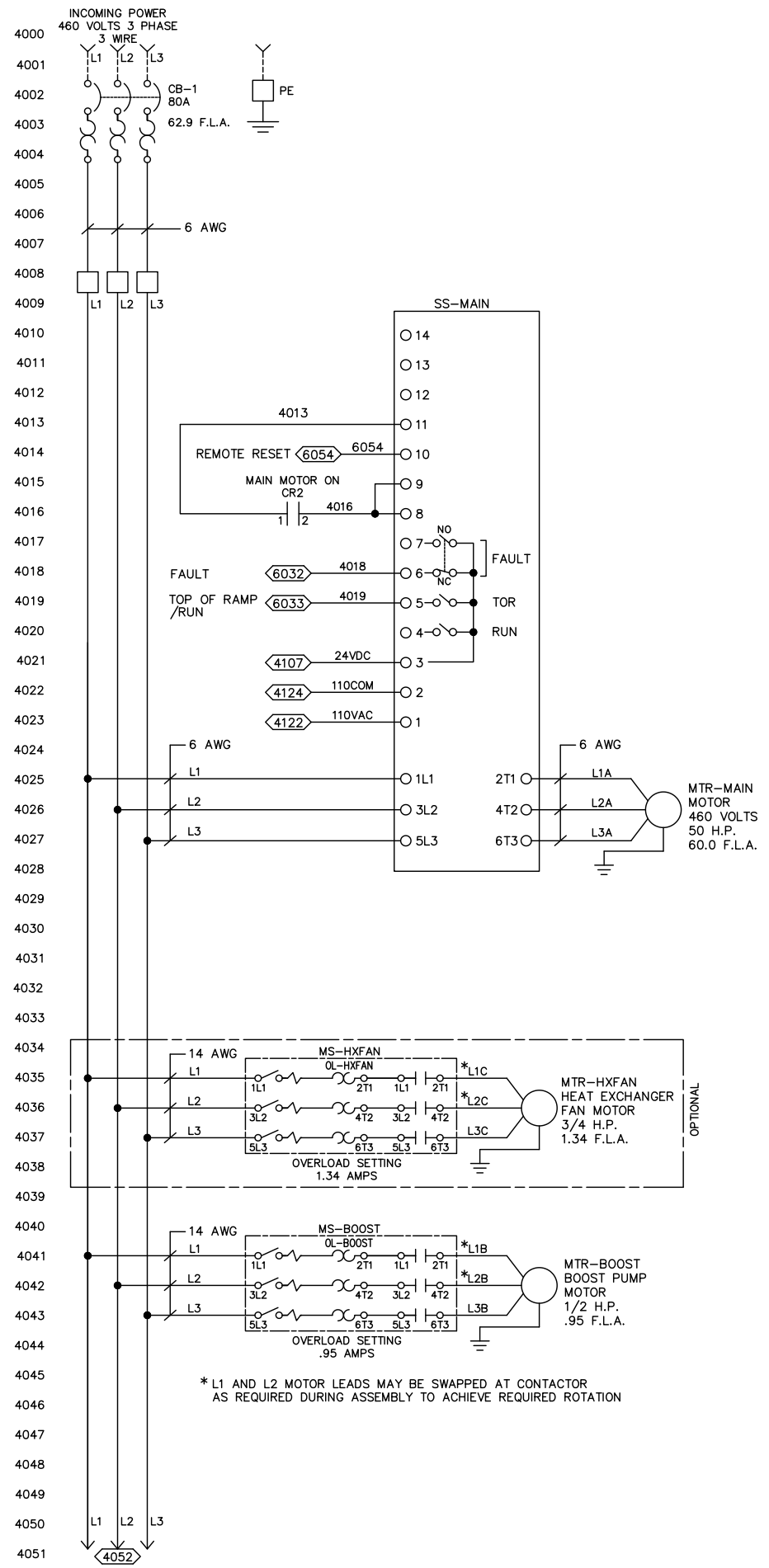
AIR COOLED HEAT EXCHANGER OPTION

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18	1	ABB	CONTACTOR MATING CONNECTOR	BEA16-4	1-15046
19	1	ABB	CONTACTOR, 24VDC COIL, 3 POLE 1 N.O. AUX.	AF09Z-30-10-21	1-15045
69	1	ABB	MANUAL MOTOR PROTECTOR	MS132-1.6	1-16023
45	1	ABB	POWER FEED TERMINAL	S1-M3-25	1-17006
57	1	PHOENIX CONTACT	RELAY, 24VDC COIL, 1 PDT	2966171	1-17388

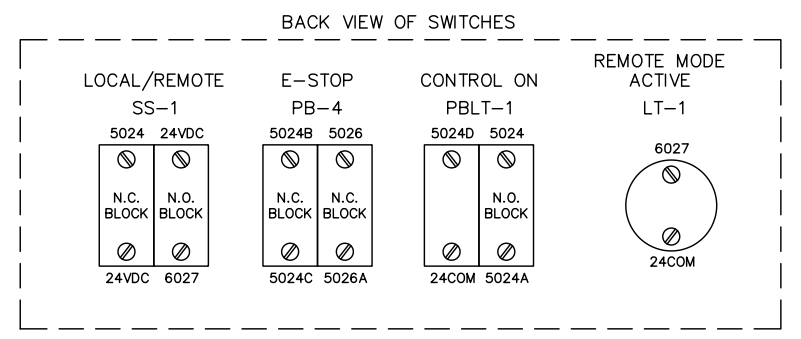
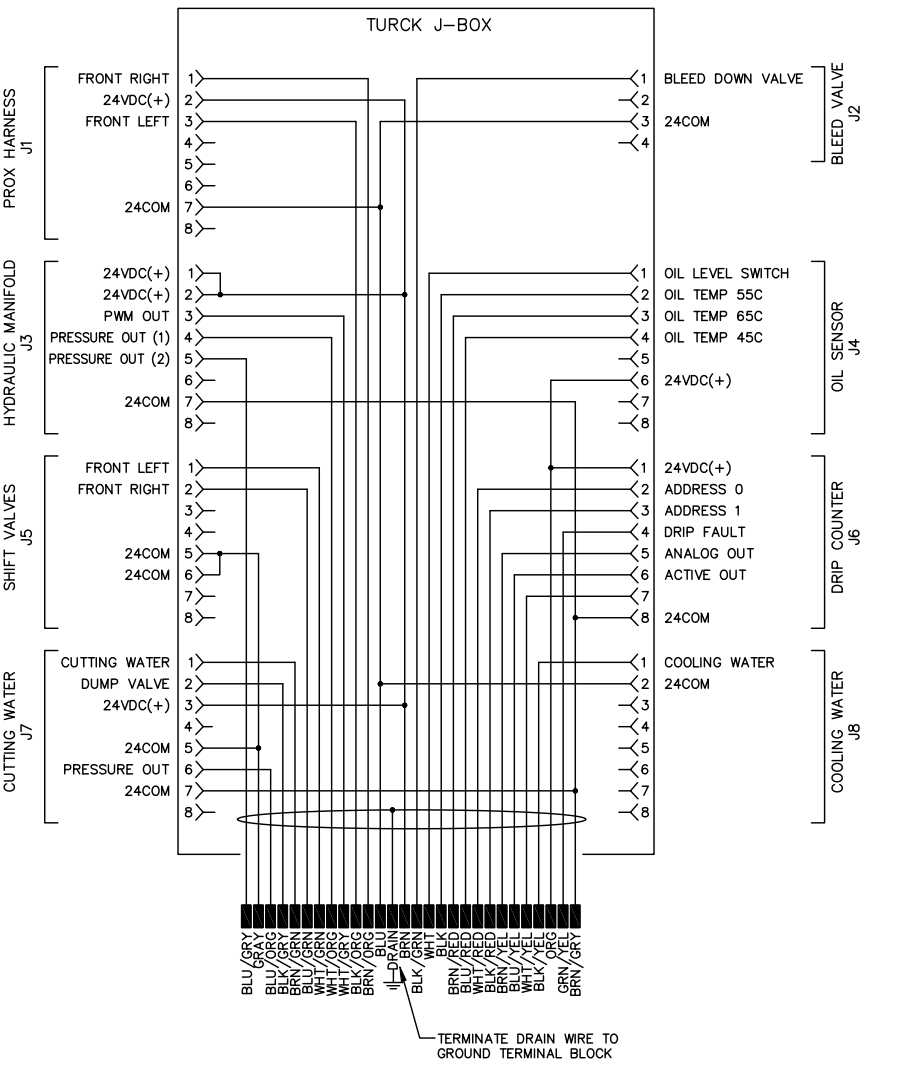
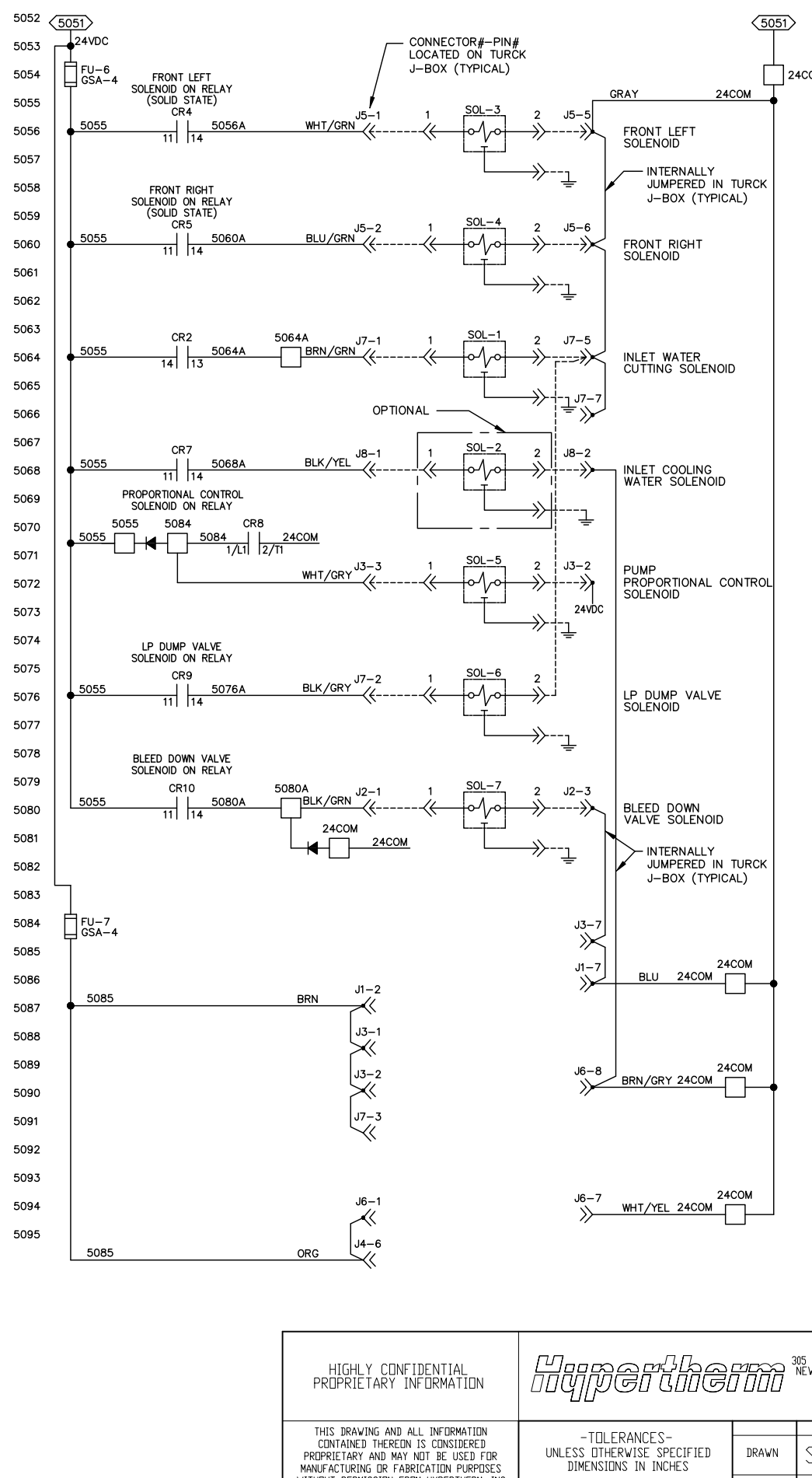
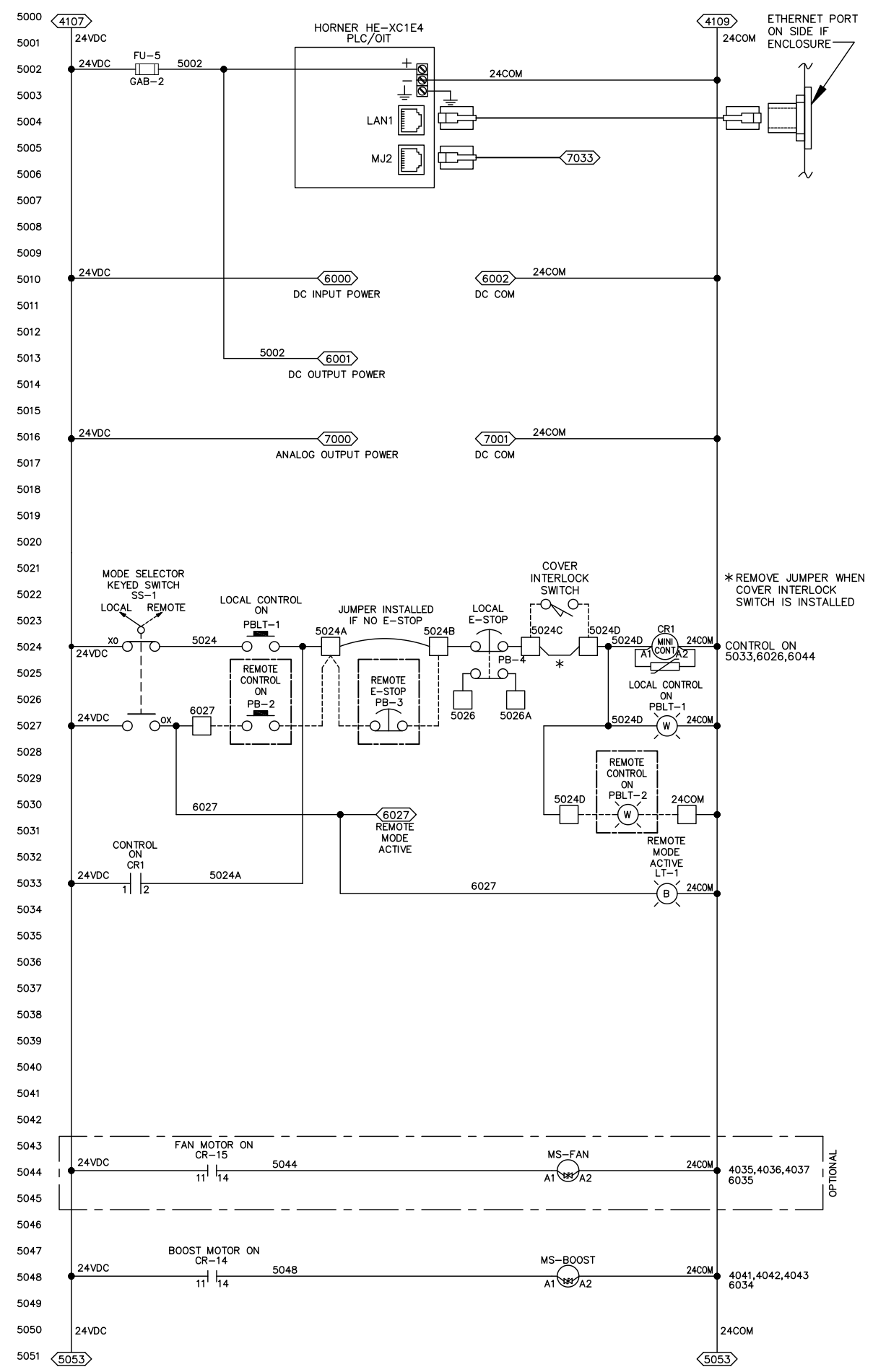
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* QUANTITIES OF FUSES LISTED INCLUDE SPARES

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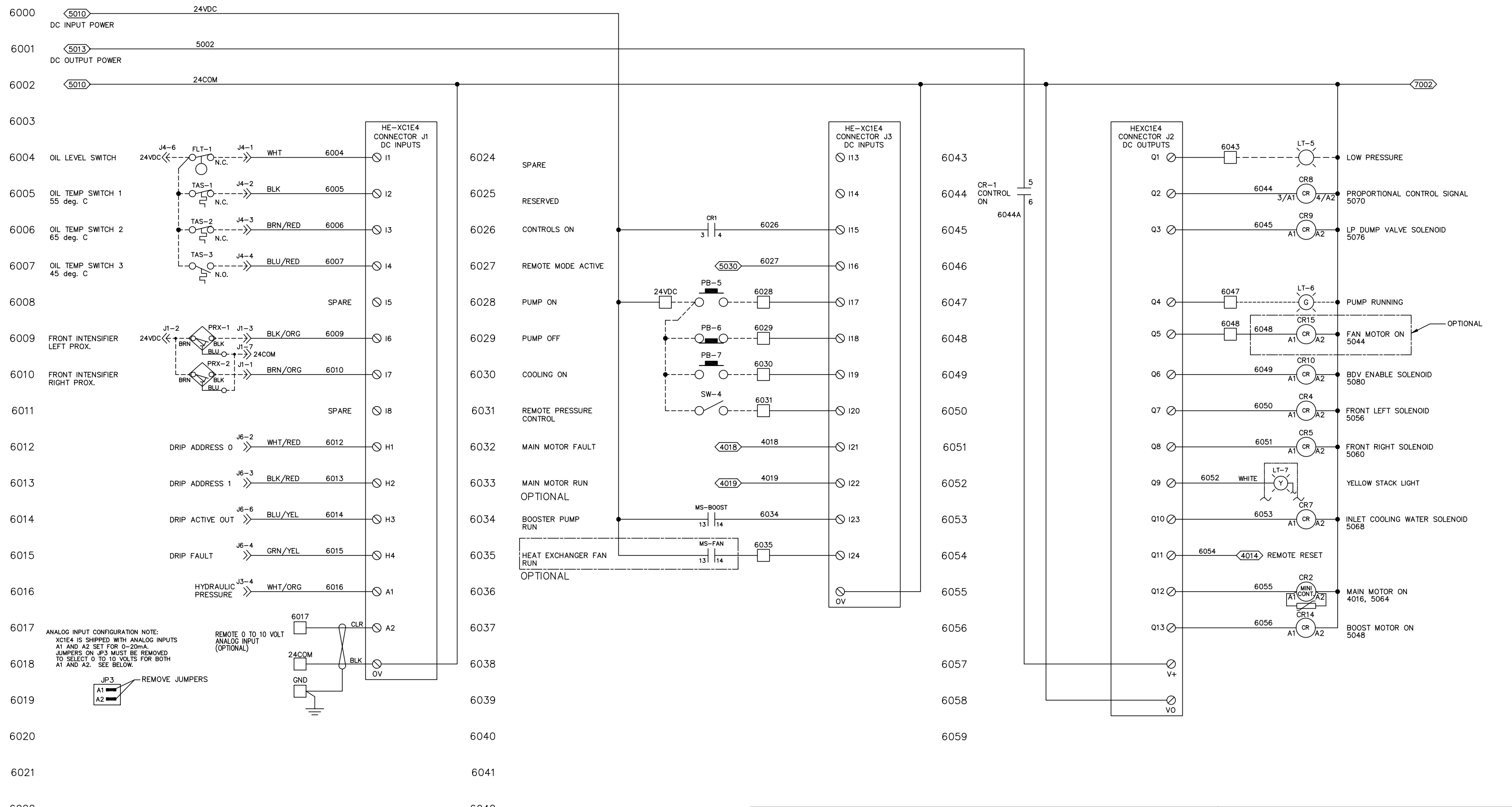


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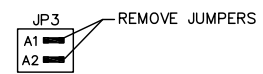
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TITLE: HyPrecision P-50S 460V 60HZ SS 24VDC CONTROL WIRING

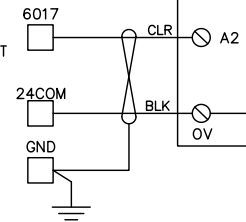
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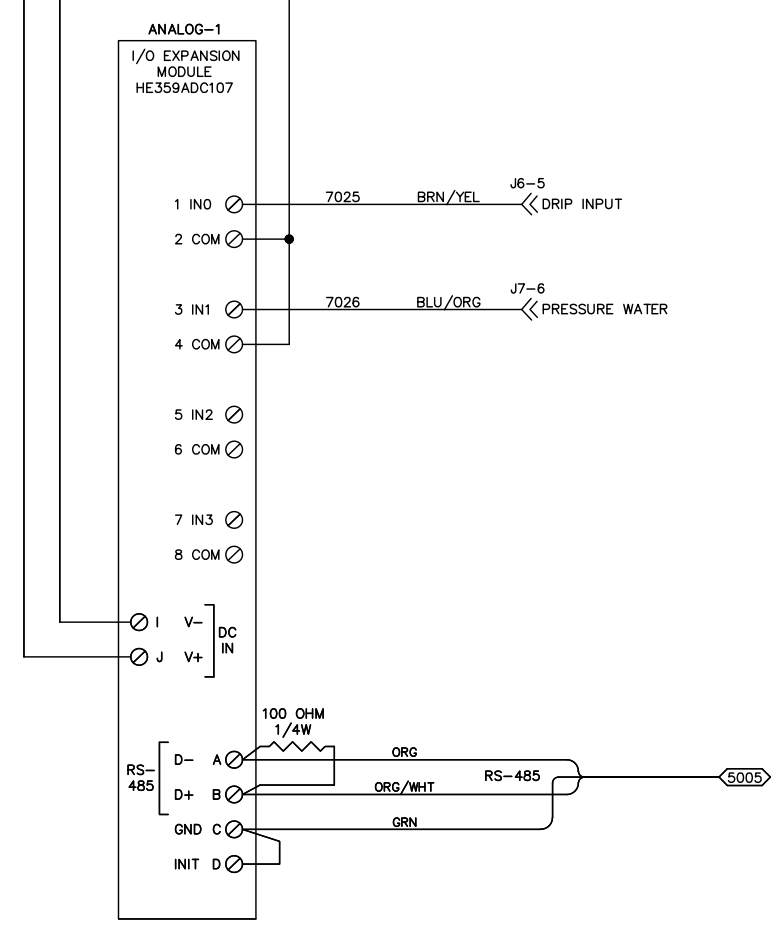
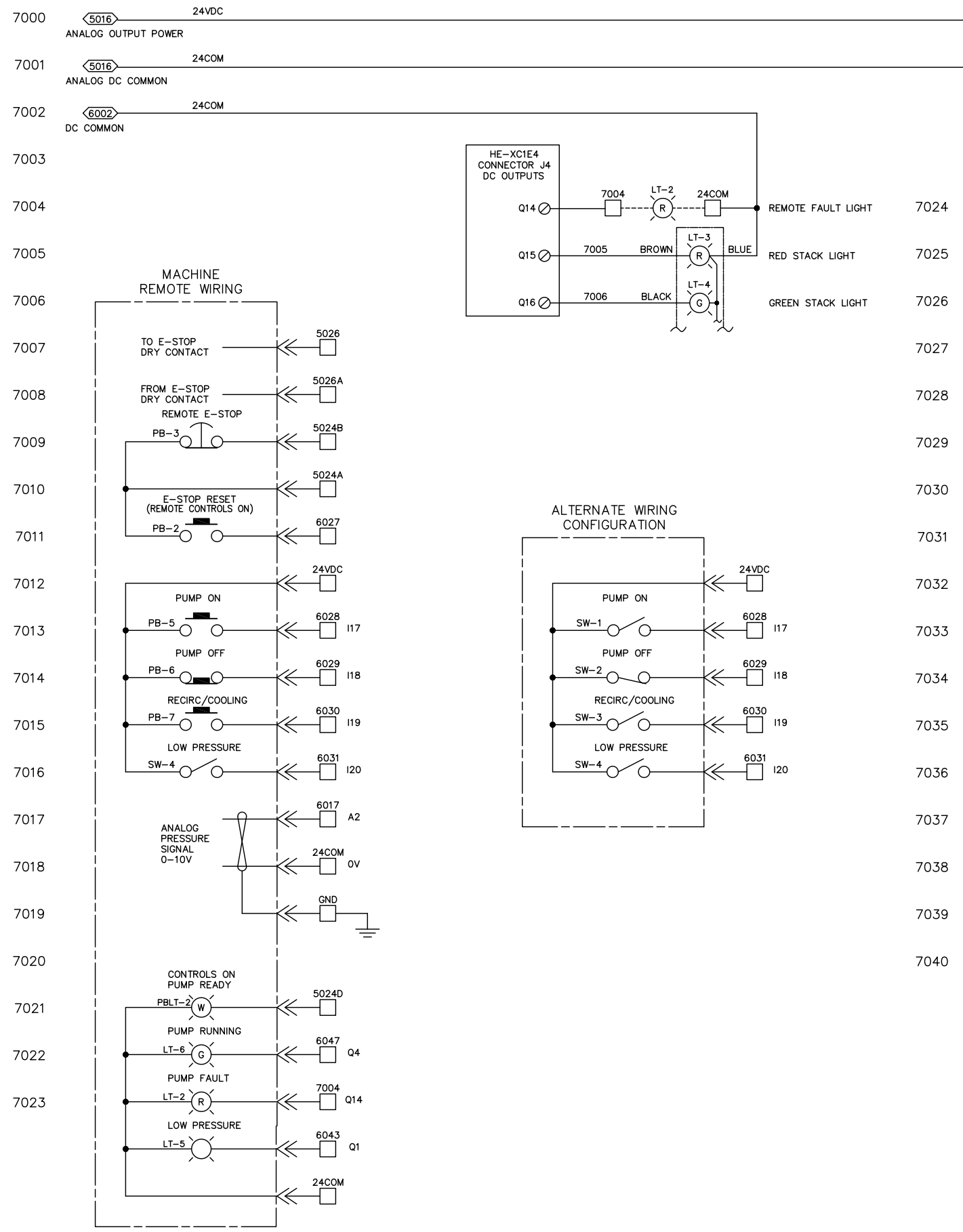
ANALOG INPUT CONFIGURATION NOTE:
 XC1E4 IS SHIPPED WITH ANALOG INPUTS
 A1 AND A2 SET FOR 0-20mA
 JUMPERS ON JP3 MUST BE REMOVED
 TO SELECT 0 TO 10 VOLTS FOR BOTH
 A1 AND A2. SEE BELOW.



REMOTE 0 TO 10 VOLT
 ANALOG INPUT
 (OPTIONAL)



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