REV	DESCRIPTION	DRAWN / APPROVED	DATE
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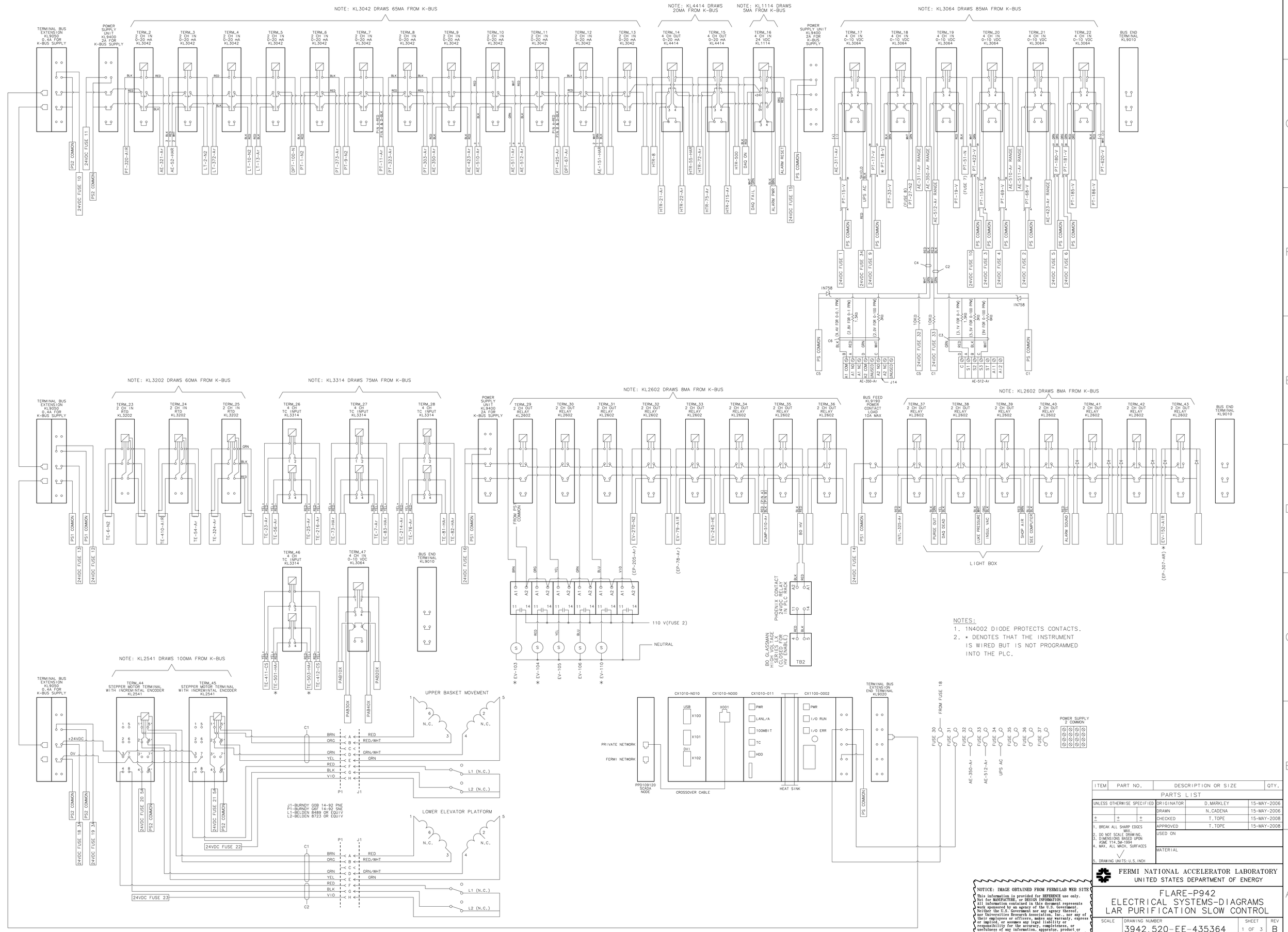
		T.TOPE	17-DEC-2008
B	MISC. CHANGES MADE.	J.CATALANELLO	07-MAY-2009
		T.TOPE	09-MAR-2010



NOTES:
1. 1N4002 DIODE PROTECTS CONTACTS.
2. * DENOTES THAT THE INSTRUMENT IS WIRED BUT IS NOT PROGRAMMED INTO THE PLC.

ITEM	PART NO.	DESCRIPTION OR SIZE	QTY.

PARTS LIST

UNLESS OTHERWISE SPECIFIED	ORIGINATOR	D.MARKLEY	15-MAY-2006
	DRAWN	N.CADENA	15-MAY-2006
± ± ±	CHECKED	T.TOPE	15-MAY-2008
1. BREAK ALL SHARP EDGES MAX.	APPROVED	T.TOPE	15-MAY-2008
2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994 4. MAX. ALL MACH. SURFACES	USED ON		
5. DRAWING UNITS: U.S. INCH	MATERIAL		

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UNITED STATES DEPARTMENT OF ENERGY

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FLARE-P942
ELECTRICAL SYSTEMS-DIAGRAMS
LAR PURIFICATION SLOW CONTROL

SCALE	DRAWING NUMBER	SHEET	REV
	3942.520-EE-435364	1 OF 3	B

CREATED WITH : Ideas12NXSeries GROUP: PPD/MECHANICAL DEPARTMENT

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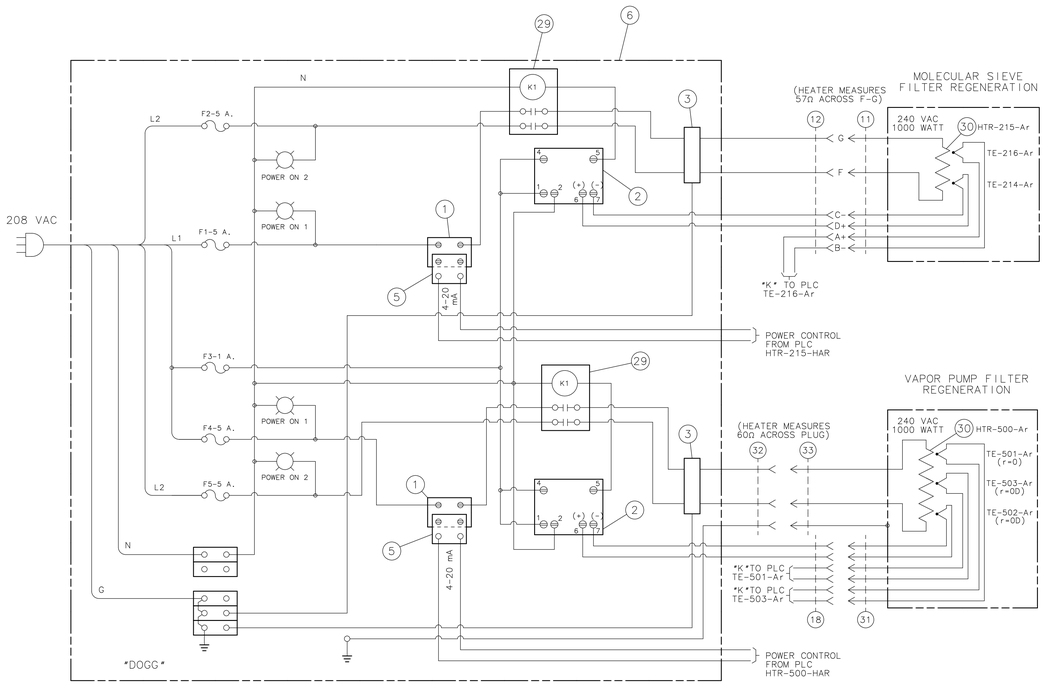

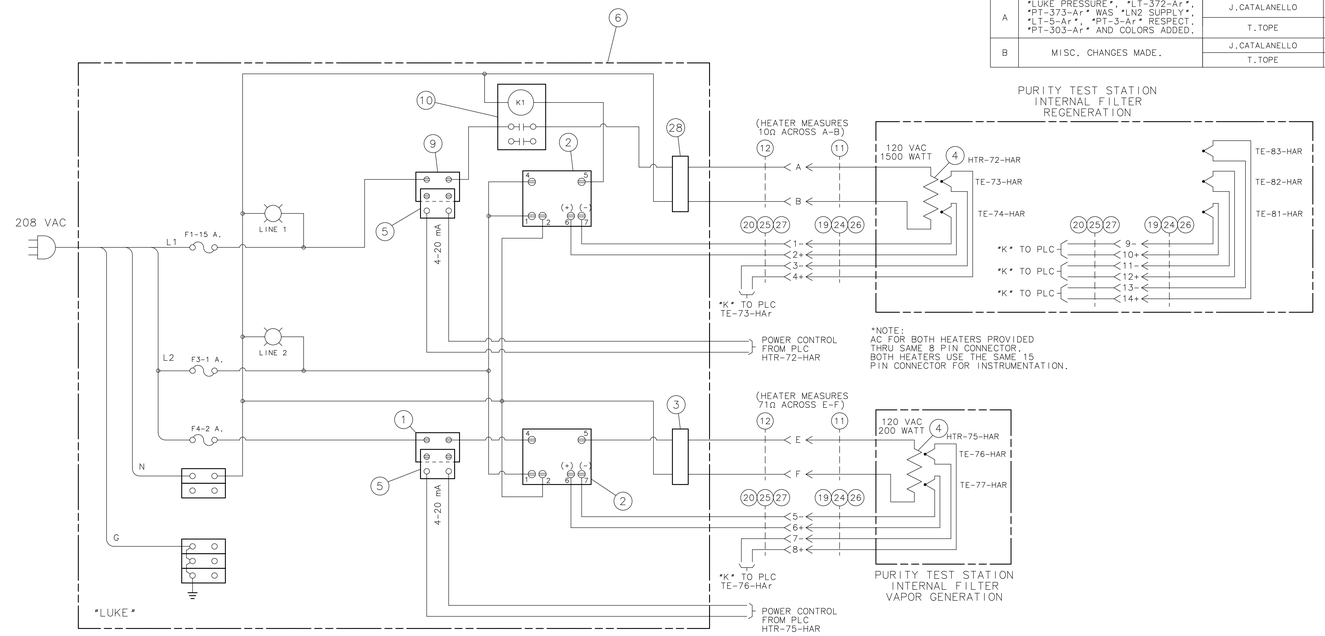

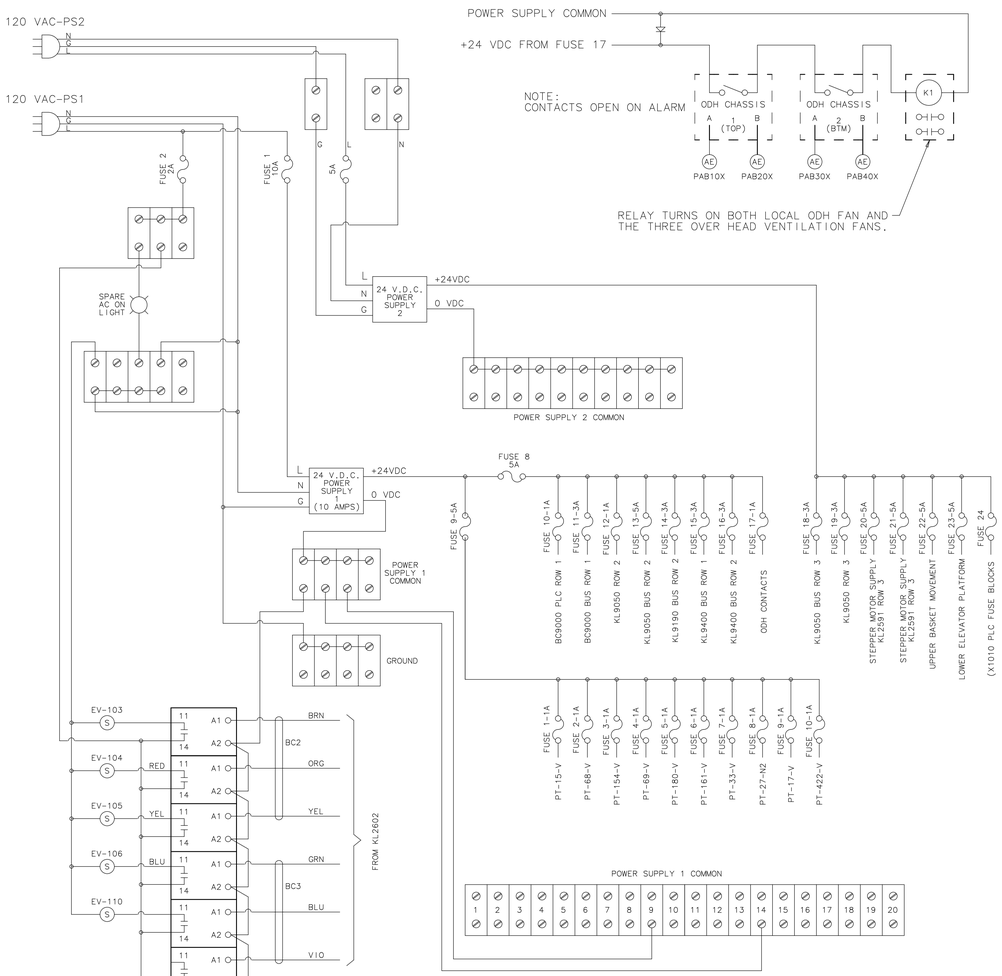

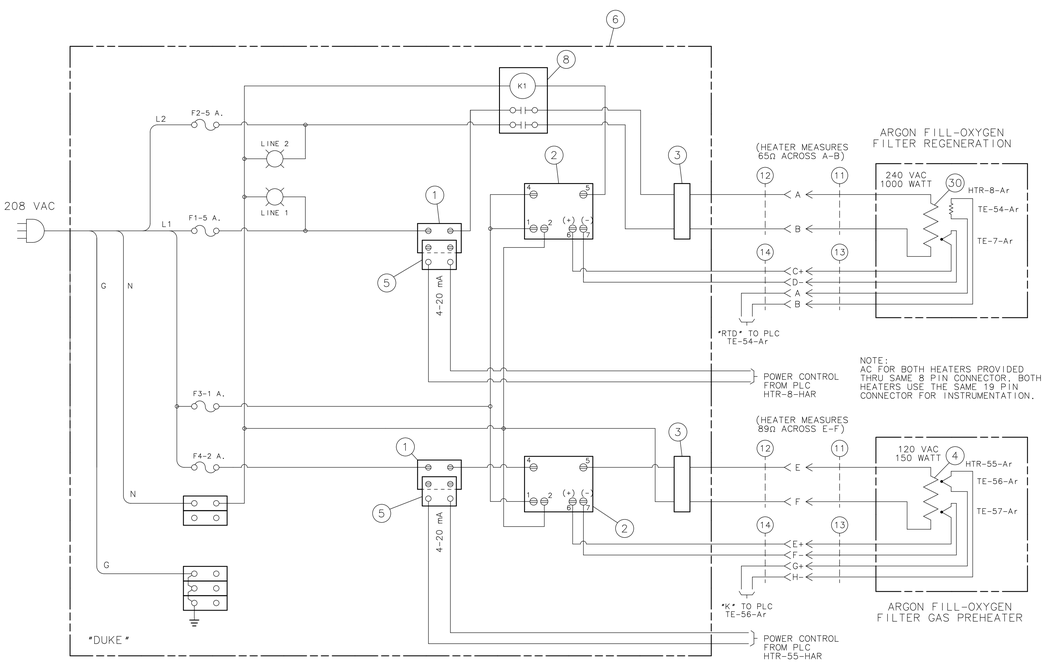

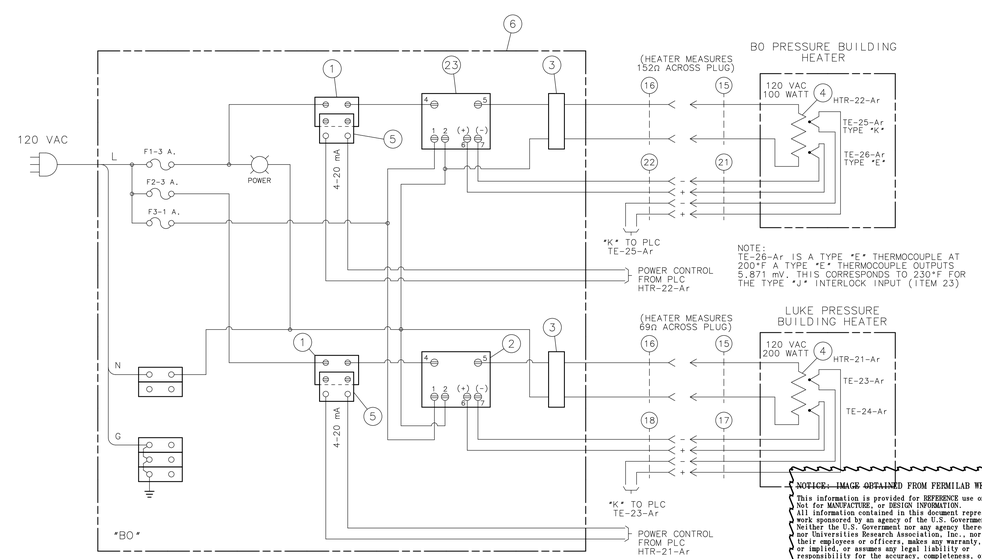

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SCALE	DRAWING NUMBER	SHEET	REV
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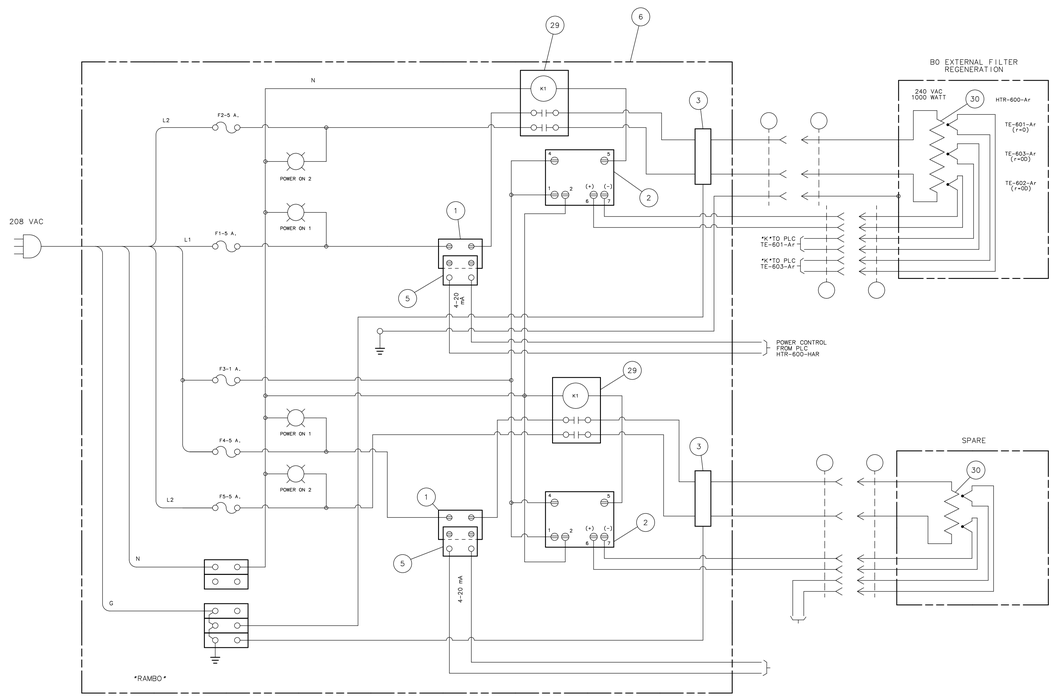

NOTE:

ITEMS 2 & 23 MUST BE PHYSICALLY RESET ANY TIME THE ASSOCIATED INTERLOCK THERMOCOUPLE IS DISCONNECTED.

ITEM	PART NO.	DESCRIPTION OR SIZE	QTY.
33	COM'L	NEMA 6-20P PLUG 250V 20 AMPERE	1
32	COM'L	NEMA 6-20R RECEPTACLE 250V 20 AMPERE	1
31	COM'L	FEMALE THERMOCOUPLE CONNECTOR OMEGA P/N OSTW-K-F	3
30	COM'L	ULTRA HIGH TEMPERATURE HEATING TAPE OMEGA P/N STH-052-120	3
29	COM'L	POTTER AND BRUMFIELD PRD-7AYO-120	2
28	COM'L	RFI FILTER NEWARK P/N 52K4261	1
27	COM'L	ALOMEGA MALE THERMOCOUPLE PINS OMEGA P/N SMTC-AL-P (-)	6
26	COM'L	ALOMEGA FEMALE THERMOCOUPLE PINS OMEGA P/N SMTC-AL-S (-)	6
25	COM'L	CHROMEGA MALE THERMOCOUPLE PINS OMEGA P/N SMTC-CH-P (+)	6
24	COM'L	CHROMEGA FEMALE THERMOCOUPLE PINS OMEGA P/N SMTC-CH-S (+)	6
23	COM'L	OMEGA LIMIT CONTROLLER P/N CN3261-JC	1
22	COM'L	MALE THERMOCOUPLE CONNECTOR OMEGA P/N OSTW-E-M	2
21	COM'L	THERMOCOUPLE SNAP IN PANEL JACK OMEGA P/N SPJ-E-F	2
20	COM'L	15 PIN D CONNECTOR (MALE) OMEGA P/N SMTC-15MP	1
19	COM'L	15 PIN D CONNECTOR (FEMALE) OMEGA P/N SMTC-15MP	1
18	COM'L	MALE THERMOCOUPLE CONNECTOR OMEGA P/N OSTW-K-M	7
17	COM'L	THERMOCOUPLE SNAP IN PANEL JACK OMEGA P/N SPJ-K-F	4
16	COM'L	TWIST-LOCK VALISE CONNECTOR BODY (FEMALE) P/N HBL 7593V	2
15	COM'L	TWIST-LOCK VALISE PLUG (MALE) P/N HBL 7594V	1
14	COM'L	19 PIN CONNECTOR (FEMALE) AMPHENOL P/N MS3126F14-19S	1
13	COM'L	19 PIN CONNECTOR (MALE) DETORONICS P/N DT02H-14-19PN	1
12	COM'L	8 PIN CONNECTOR (FEMALE) AMPHENOL P/N MS3126F16-85	3
11	COM'L	8 PIN CONNECTOR (MALE) SEALTRON P/N 97814-8113-16-8P-SP-A3	3
10	COM'L	MAGNETIC CONTACTOR OMEGA #MCI-2-30-120	1
9	COM'L	SOLID STATE RELAY DC INPUT,25 A. AC OUTPUT OMEGA #SSR3300C10	1
8	COM'L	MAGNETIC CONTACTOR OMEGA #MCI-2-30-240	3
7	COM'L	OMEGA RTD ALARM LIMIT MODULE PART #DRG-AR-RTD	0
6	COM'L	HAMMOND ENCLOSURE 16"x16"x7" STOCK # 91F2192	4
5	COM'L	OMEGA PCM1 MODULE	8
4	COM'L	WATLOW HEATER	8
3	COM'L	RFI FILTER-CII TECHNOLOGY NEWARK #81F4557	7
2	COM'L	OMEGA LIMIT CONTROLLER #CN3261-KF	7
1	COM'L	SOLID STATE RELAY DC INPUT,10 A. AC OUTPUT OMEGA #SSR3300C10	7

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