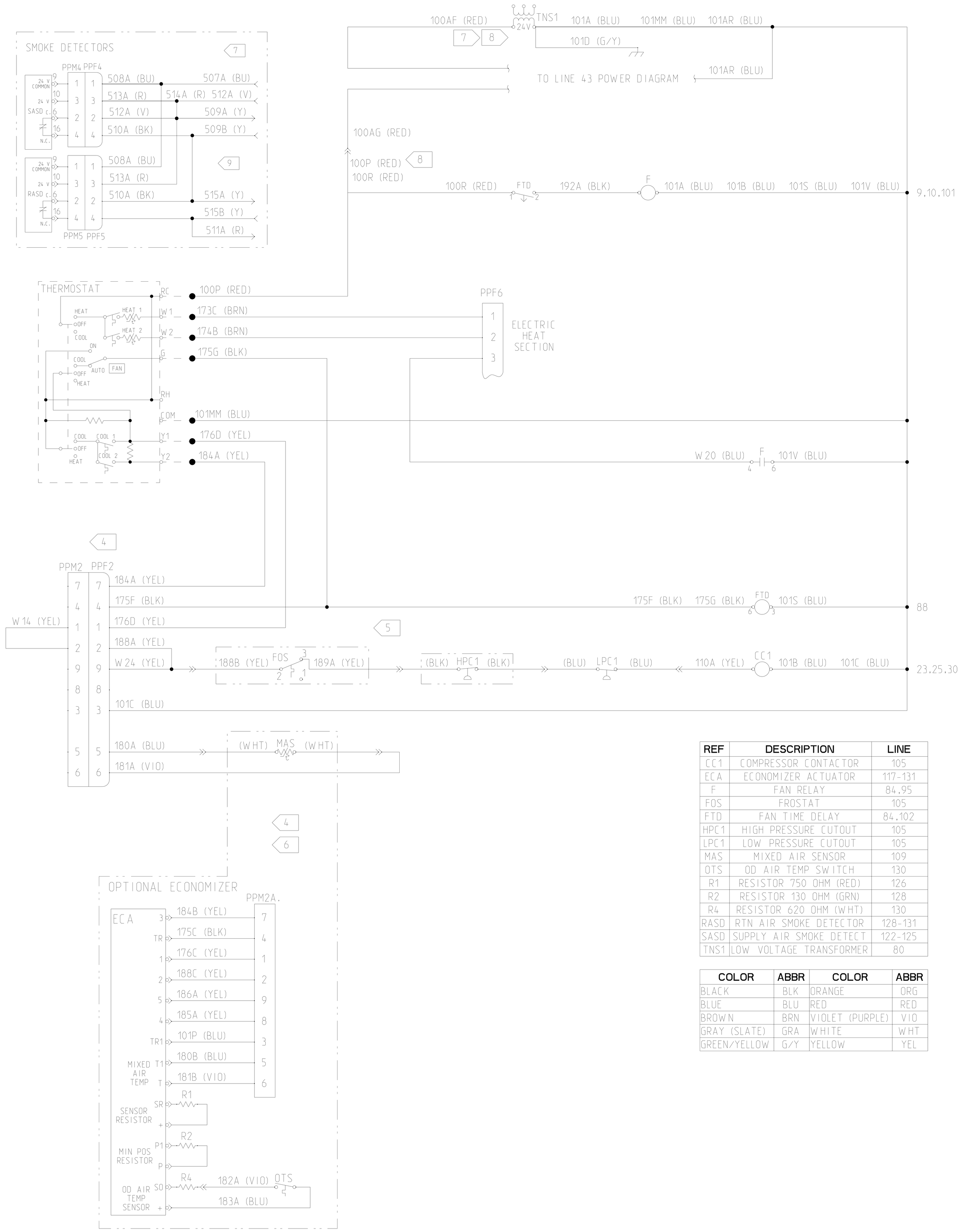

REF	DESCRIPTION	LINE
CC1	COMPRESSOR CONTACTOR	105
ECA	ECONOMIZER ACTUATOR	117-131
F	FAN RELAY	84,95
FOS	FROSTAT	105
FTD	FAN TIME DELAY	84,102
HPC1	HIGH PRESSURE CUTOUT	105
LPC1	LOW PRESSURE CUTOUT	105
MAS	MIXED AIR SENSOR	109
OTS	OD AIR TEMP SWITCH	130
R1	RESISTOR 750 OHM (RED)	126
R2	RESISTOR 130 OHM (GRN)	128
R4	RESISTOR 620 OHM (WHT)	130
RASD	RTN AIR SMOKE DETECTOR	128-131
SASD	SUPPLY AIR SMOKE DETECT	122-125
TNS1	LOW VOLTAGE TRANSFORMER	80

COLOR	ABBR	COLOR	ABBR
BLACK	BLK	ORANGE	ORG
BLUE	BLU	RED	RED
BROWN	BRN	VIOLET (PURPLE)	VIO
GRAY (SLATE)	GRA	WHITE	WHT
GREEN/YELLOW	G/Y	YELLOW	YEL

1. UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25° C (77° F) AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY WITH ALL UTILITIES TURNED OFF AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.

2. DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS.

3. NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT.

4. WHEN INSTALLING OPTIONAL ECONOMIZER, REMOVE CONFIG PLUG PPM2, AND CONNECT ECONOMIZER PLUG PPM2A TO PPF2, AND CONNECT MAS TO WIRES 180A AND 181A.

5. CONNECTIONS SHOWN INCLUDE FOS AND HPC1. IF NEITHER OPTION IS INSTALLED, CONNECT WIRE LPC1-BLU TO WIRES W24/188A. IF ONLY FOS IS INSTALLED, CONNECT WIRE 189A TO WIRE LPC1-BLU. IF ONLY HPC1 IS INSTALLED, CONNECT WIRE HPC1-BLK TO WIRES W24/188A.

6. FOR MOTORIZED OUTSIDE AIR DAMPER, OPTIONAL MAS AND OTS (AND ASSOCIATED WIRING) ARE NOT USED, AND R4 IS REMOVED BETWEEN SO AND +.

7. WHEN INSTALLING OPTIONAL SMOKE DETECTOR (SD), CONNECT SASD PLUG PPM4 TO PPF4 AND RASD PLUG PPM5 TO PPF5 REMOVE 100AF OR 100P/100R AS REQUIRED FROM TNS1, 24V PWR AND CONNECT TO 511A. CONNECT 514A/512A TO TNS1, 24V PWR. CONNECT 507A TO TNS1 SECONDARY COM.

8. (FUTURE) PHASE MONITOR (PHM) CONNECTIONS SHOWN. IF PHM NOT INSTALLED CONNECT WIRE 100P/100R TO TNS1 24V PWR, OR WIRE 511A IF SD IS INSTALLED. WIRES 100AF, 100AG AND 101AR ARE NOT PRESENT.

9. CONNECTIONS SHOWN INCLUDE RASD AND SASD. IF RASD IS NOT INSTALLED, CONNECT 515A TO 515B. IF SASD IS NOT INSTALLED, CONNECT 509A TO 509B.

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