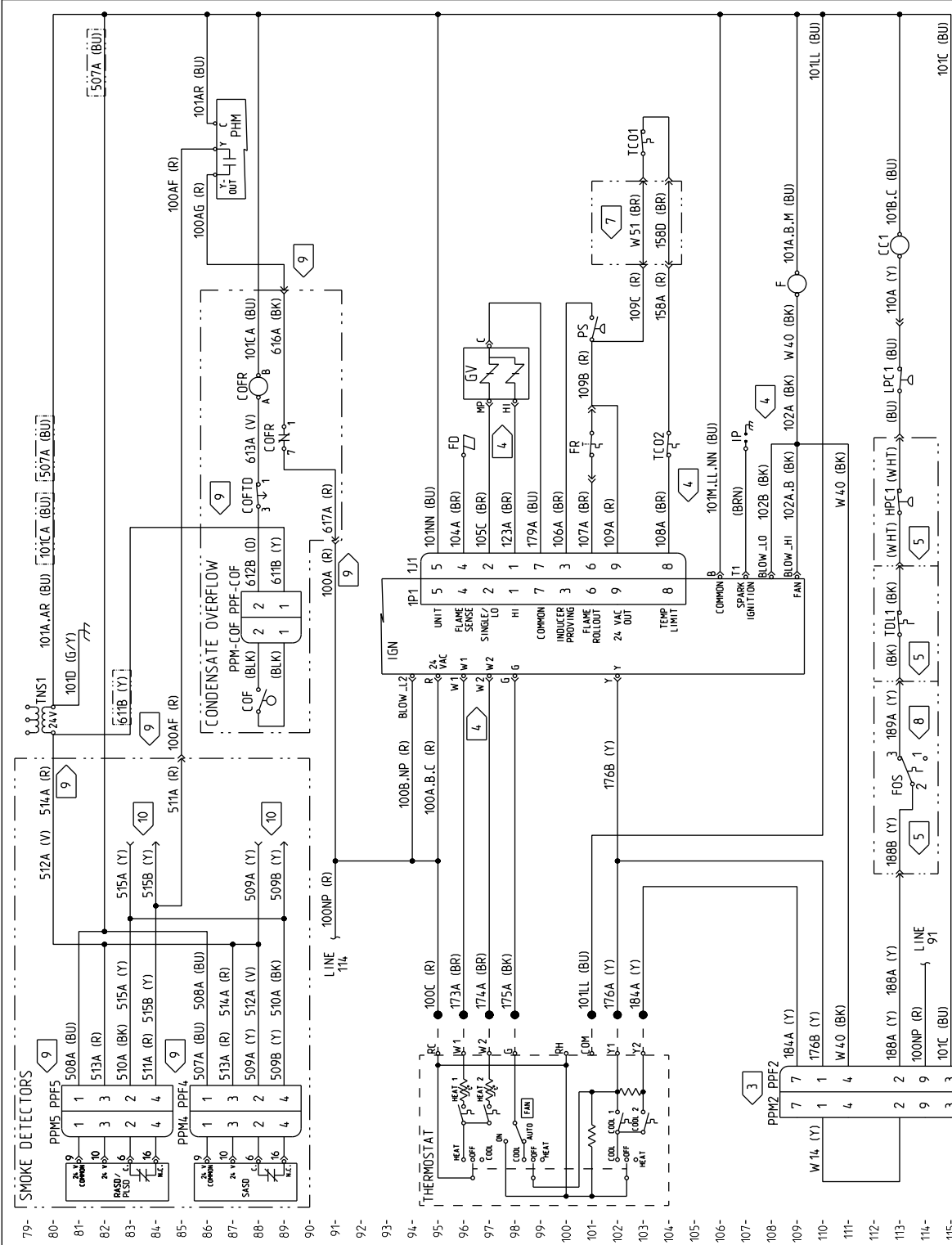
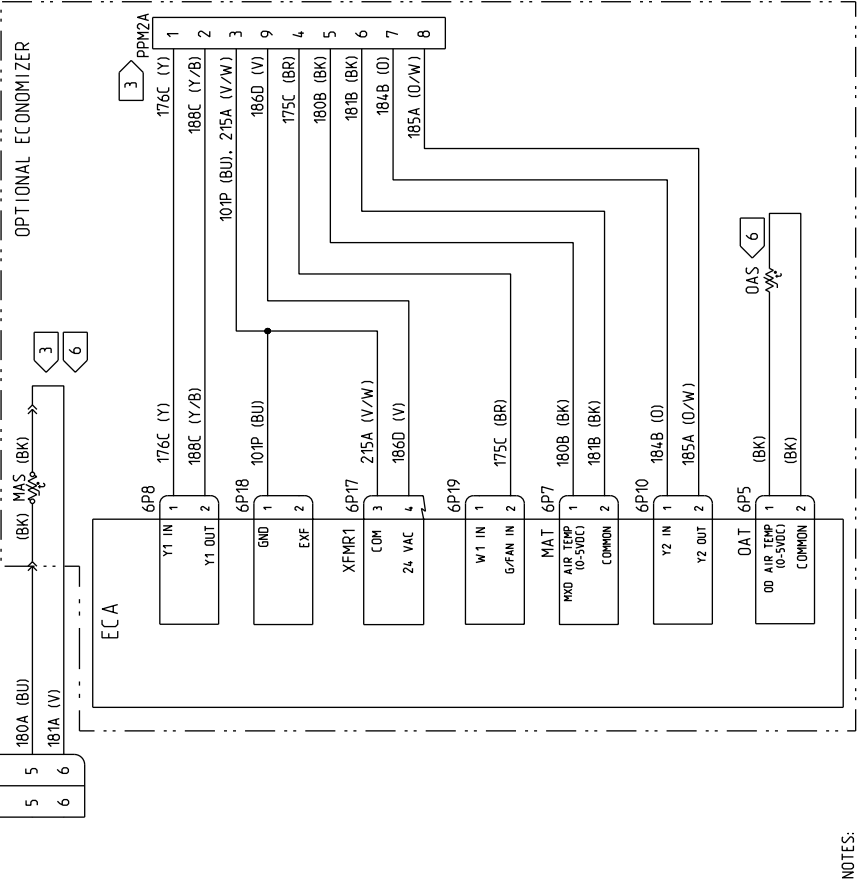




REF	DESCRIPTION	LINE
CC1	COMPRESSOR CONTACT	113
CCF	CONDENSATE OVERFLOW	88
COFR	COF RELAY	88.89
COFTD	COF TIME DELAY	88
ECA	ECONOMIZER ACTUATOR	121
F	FAN RELAY	109
FD	FLAME DETECTOR	96
FOS	FROSTAT	113
FR	FLAME ROLLOUT	101
GV	GAS VALVE	97
HPC1	HIGH PRESSURE CUTOUT	113
IGN	IGNITION MODULE	94
IP	IGNITER	107
LPC1	LOW PRESSURE CUTOUT	113
MAS	MIXED AIR SENSOR	117
OAS	OD AIR SENSOR	140
PHM	PHASE MONITOR	87
PSD	PLENUM SMOKE DETECTOR	81
PS	PRESSURE SWITCH	101
RASD	RTN AIR SMOKE DETECTOR	81
SASD	SUPPLY AIR SMOKE DETECTOR	86
TC01	TEMPERATURE LIMIT SWITCH	103
TC02	TEMPERATURE LIMIT SWITCH	104
TOL1	TEMPEROSTAT DISCHARGE LINE	113
TNS1	LOW VOLTAGE TRANSFORMER	80



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. WHEN INSTALLING OPTIONAL ECONOMIZER, REMOVE CONFIG PLUG PPM2, AND CONNECT ECONOMIZER PLUG PPM2A TO PPF2, AND CONNECT MAS TO WIRES 180A AND 181A.
4. CONNECTIONS SHOWN ARE FOR 2-STAGE GAS HEAT OPERATION, WHEN 1-STAGE OPERATION IS REQUIRED, WIRE 102B IS REMOVED, WIRES 101NN AND 171A ARE NOT CONNECTED TO IGN, AND WIRE 123A IS NOT CONNECTED TO GV.
5. CONNECTIONS SHOWN INCLUDE FOS, TD11, AND HPC1. IF NONE OF THESE OPTIONS ARE INSTALLED, CONNECT WIRE LPC1-BLU TO WIRES W24/188A. IF ANY OR ALL OF THESE OPTIONS ARE INSTALLED, CONNECT THEM IN SERIES AS SHOWN. (NOTE 8 FOR EXCEPTION)
6. FOR MOTORIZED OUTSIDE AIR DAMPER, OPTIONAL MAS AND OAS (AND ASSOCIATED WIRING) ARE NOT USED.
7. WHEN WIRES 158D AND W51 ARE NOT PRESENT, CONNECT WIRES 158A AND 109C DIRECTLY TO TC01.
8. FROSTAT CONNECTIONS/WIRE NUMBERS HAVE AN EXCEPTION, FOR ALL 4-5 TON UNITS WITH R410A REFRIGERANT AND HIGH EFFICIENCY, CONNECT WIRE 132C TO FOS PIN 2 AND 101TT TO FOS PIN 3.
9. CONNECTIONS SHOWN INCLUDE OPTIONAL SMOKE DETECTORS AND CONDENSATE OVERFLOW. IF NONE OF THE SMOKE DETECTORS (RASD, PLSD OR SASD) ARE INSTALLED, CONNECT WIRE 100AF TO TMS1-24VAC. IF CONDENSATE OVERFLOW IS NOT INSTALLED, CONNECT WIRE 100A TO WIRE 100AG.
10. CONNECTIONS SHOWN INCLUDE OPTIONAL SMOKE DETECTORS. THE FOLLOWING COMBINATIONS ARE ALLOWED: RASD ONLY, RASD & SASD, AND PLSD ONLY. IF RASD OR PLSD IS NOT INSTALLED, CONNECT WIRE 515A TO WIRE 515B. IF SASD IS NOT INSTALLED, CONNECT WIRE 509A TO WIRE 509B.

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DRAWN BY: R JOHNSON		DATE: 6/6/2013	
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