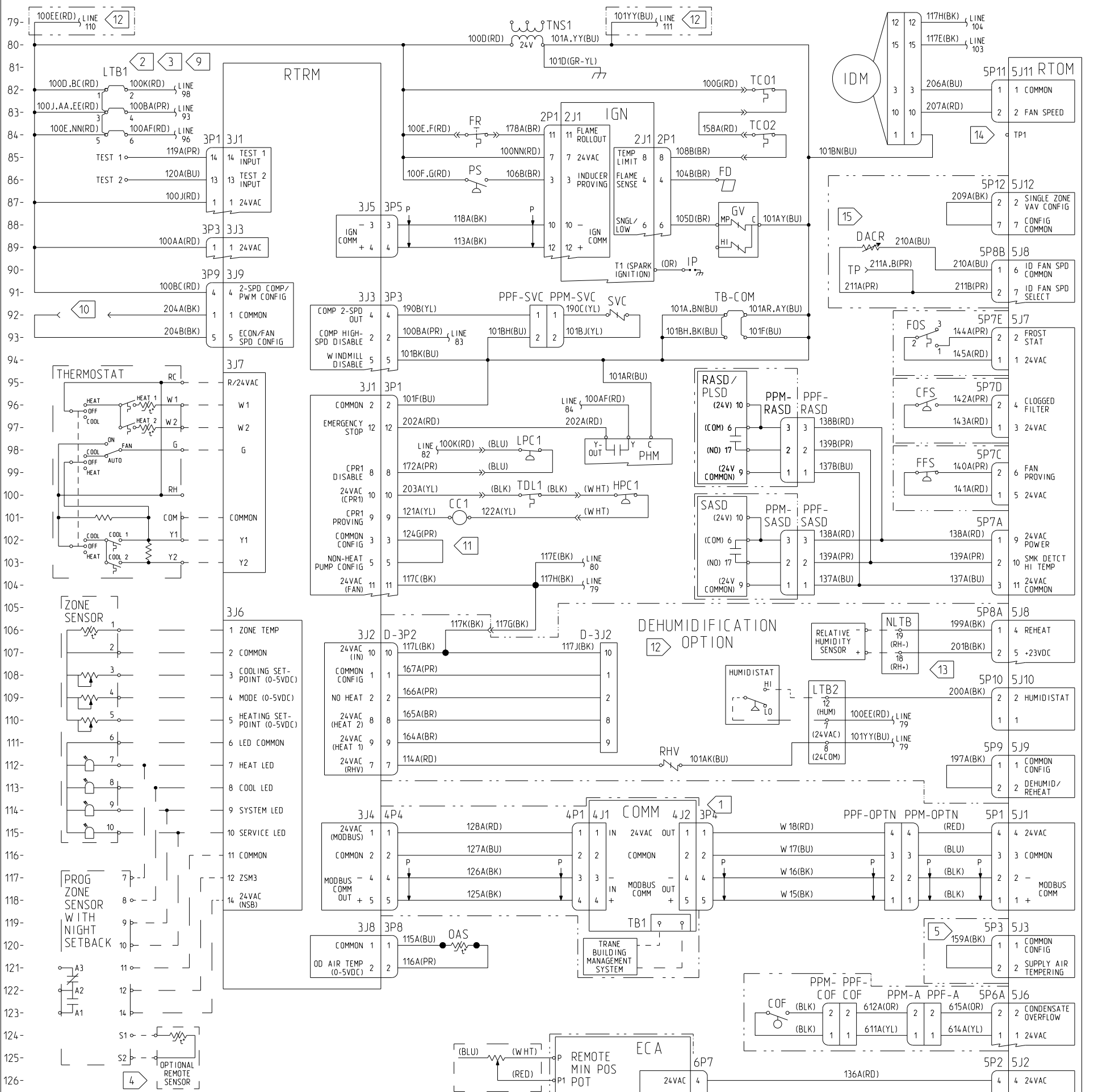




REF	DESCRIPTION	LINE
CC1	COMPRESSOR CONT 1	101
CFS	CLOGGED FILTER SWITCH	96
COF	CONDENSATE OVERFLOW	123
COMM	COMMUNICATIONS MODULE	115
DACR	DA COOL VAR RESISTOR	89
DTS	DISCHARGE AIR SENSOR	134
ECA	ECONOMIZER ACTUATOR	125
FD	FLAME DETECT	86
FFS	FAN FAIL SWITCH	99
FOS	FROSTAT	93
FR	FLAME ROLLOUT SWITCH	84
GV	GAS VALVE	88
HPC1	HIGH-PRESS CUTOUT 1	100
IDM	ID FAN MOTOR	82
IGN	IGNITION MODULE	84
IP	IGNITOR	90
LPC1	LOW-PRESS CUTOUT 1	98
LTB1	LOW-VOLT TERM BOARD	82
LTB2	LOW-VOLT TERM BOARD 2	109
MAS	MIXED AIR SENSOR	134
NLTB	NOVAR TERM BOARD	106
OAS	OD AIR SENSOR	120
OHS	OD AIR HUMIDITY SENSOR	131
PHM	PHASE MONITOR	97
PLSD	PLENUM SMOKE DETECTOR	97
PS	PRESSURE SWITCH	86
RAS	RTN AIR SENSOR	134
RASD	RTN AIR SMOKE DETECT	97
RHS	RTN AIR HUMIDITY SENSOR	131
RHV	REHEAT VALVE	112
RTOM	OPTIONS MODULE	87
RTRM	REFRIGERATION MODULE	82
SASD	SUPPLY AIR SMOKE DETECT	102
SVC	COMP SOLENOID VALVE	92
TB-COM	COMMON TERM BLOCK	92
TCO1	TEMP LIMIT SWITCH 1	82
TCO2	TEMP LIMIT SWITCH 2	84
TDL1	THERMO DISCHARGE LINE 1	100
TNS1	LOW-VOLT TRANSFORMER	79

- 1
- CONNECTIONS SHOWN INCLUDE OPTIONAL COMM. IF COMM IS NOT INSTALLED, CONNECT PLUG 3P4 TO RTRM-3J4. REFER TO ACCOMPANYING LITERATURE FOR PROPER CONNECTION/COMBINATION OF OPTIONAL COMPONENTS.
- 2
- TO DISABLE THE COMPRESSOR, REMOVE THE JUMPER ON LTB1 BETWEEN PINS 1 & 2 AND CONNECT FIELD SUPPLIED CONTROL DEVICE.
- 3
- TO SHUT DOWN THE UNIT FOR EMERGENCY STOP, REMOVE THE JUMPERS ON LTB1 BETWEEN PINS 5 & 6 AND CONNECT FIELD SUPPLIED CONTROL DEVICE OR INSTALL OPTIONAL FIRESTAT.
- 4
- INSTALL OPTIONAL REMOTE SENSOR TO PINS S1 & S2 WHEN REQUIRED. SEE PROGRAMMABLE ZONE SENSOR/REMOTE PANEL WITH NIGHT SETBACK LITERATURE FOR CORRECT SETTINGS.
- 5
- TO ENABLE SUPPLY AIR TEMPERING, REMOVE PLUG 5P3.
- 6
- REQUIRED FOR OPTIONAL REFERENCE ENTHALPY CONTROL.
- 7
- REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPY CONTROL.
- 8
- OPTIONAL MAS, RAS, RHS, OHS, AND ASSOCIATED WIRING ARE NOT USED WITH MOTORIZED OUTSIDE AIR DAMPER.
- 9
- TO PREVENT FULL LOAD OPERATION OF VARIABLE LOAD COMPRESSOR, REMOVE JUMPER ON LTB1 BETWEEN PINS 3 & 4.
- 10
- FUTURE CHANGES - NOT USED.
- 11
- IF DEHUMIDIFICATION OPTION IS INSTALLED, CUT AND ISOLATE WIRE 124G.
- 12
- REQUIRED FOR OPTIONAL DEHUMIDIFICATION. SEE CO2 SENSOR & VENTILATION OVERRIDE ACCESSORY DIAGRAM FOR ADDITIONAL WIRING.
- 13
- NLTB AND ASSOCIATED WIRING IS ALSO INCLUDED IN ENHANCED DEHUMIDIFICATION, AND IS STANDARD EQUIPMENT ON THIS UNIT.
- 14
- IDM RPM INDICATON 0-2.4V ACROSS TP1 AND GROUND.
- 15
- DISCHARGE AIR COOL SETPOINT INDICATION 0-2.4V ACROSS TEST POINT (TP) AND GROUND.

TRANE

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DRAWN BY: J.W. Osley

DATE: 02-Nov-2010

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THIRD ANGLE PROJECTION

4366-7217

DIAGRAM CONTROLS YHC(037-06)E(3.4) 17-SER

SHEET 1 OF 1

REV