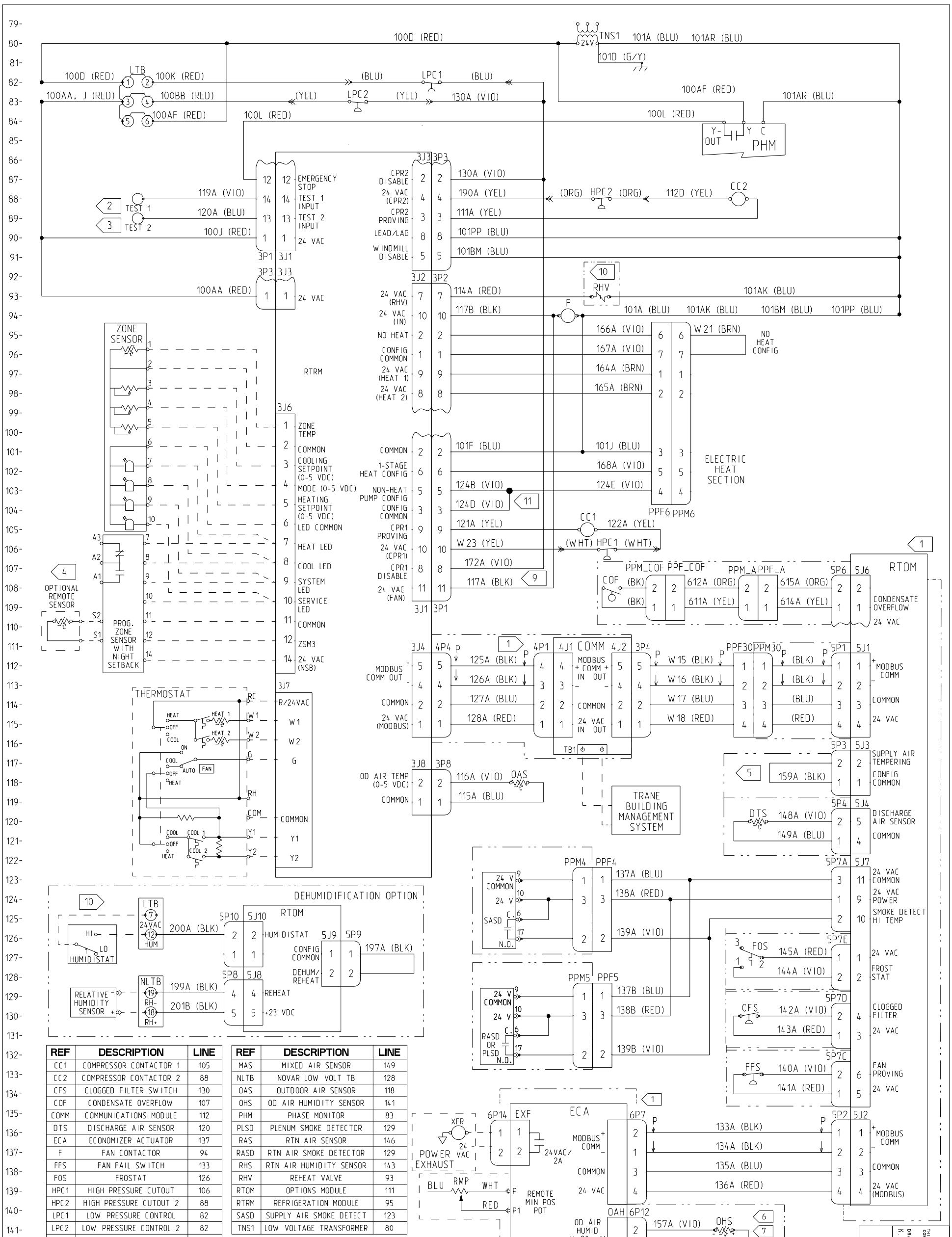

REF	DESCRIPTION	LINE
CC1	COMPRESSOR CONTACTOR 1	105
CC2	COMPRESSOR CONTACTOR 2	88
CFS	CLOGGED FILTER SWITCH	130
COF	CONDENSATE OVERFLOW	107
COMM	COMMUNICATIONS MODULE	112
DTS	DISCHARGE AIR SENSOR	120
ECA	ECONOMIZER ACTUATOR	137
F	FAN CONTACTOR	94
FFS	FAN FAIL SWITCH	133
FOS	FROSTAT	126
HPC1	HIGH PRESSURE CUTOUT	106
HPC2	HIGH PRESSURE CUTOUT 2	88
LPC1	LOW PRESSURE CONTROL	82
LPC2	LOW PRESSURE CONTROL 2	82
LTB	LOW VOLTAGE TERM BLOCK	83

REF	DESCRIPTION	LINE
MAS	MIXED AIR SENSOR	149
NLTB	NOVAR LOW VOLT TB	128
OAS	OUTDOOR AIR SENSOR	118
OHS	OD AIR HUMIDITY SENSOR	141
PHM	PHASE MONITOR	83
PLSD	PLENUM SMOKE DETECTOR	129
RAS	RTN AIR SENSOR	146
RASD	RTN AIR SMOKE DETECTOR	129
RHS	RTN AIR HUMIDITY SENSOR	143
RHV	REHEAT VALVE	93
RTOM	OPTIONS MODULE	111
RTRM	REFRIGERATION MODULE	95
SASD	SUPPLY AIR SMOKE DETECT	123
TNS1	LOW VOLTAGE TRANSFORMER	80

1. CONNECTIONS SHOWN INCLUDE OPTIONAL COMM, ECA, AND RTOM. PLUG 3P4 IS NOT CONNECTED UNLESS ECA OR RTOM IS INSTALLED. IF ECA OR RTOM IS INSTALLED WITHOUT COMM, 3P4 IS CONNECTED TO RTRM-3J4. IF ECA IS INSTALLED WITHOUT RTOM, 5P2 IS CONNECTED TO PPF30. REFER TO ACCOMPANYING LITERATURE FOR PROPER CONNECTION/COMBINATION OF OPTIONAL COMPONENTS.
2. TO DISABLE COMPRESSORS, REMOVE LTB JUMPERS BETWEEN PINS 1 AND 2 AND PINS 3 AND 4, AND CONNECT FIELD SUPPLIED CONTROL DEVICE.
3. TO SHUT DOWN UNIT FOR EMERGENCY STOP, REMOVE LTB JUMPER BETWEEN PINS 5 AND 6, AND INSTALL FIELD SUPPLIED DEVICE OR INSTALL OPTIONAL FIRESTAT.
4. INSTALL OPTIONAL REMOTE SENSOR TO TERMINALS S1 AND S2 WHEN REQUIRED. SEE PROGRAMMABLE ZONE SENSOR/REMOTE PANEL W/NSB LITERATURE FOR CORRECT SETTINGS.
5. REMOVE JUMPER TO ENABLE SUPPLY AIR TEMPERING.
6. REQUIRED FOR OPTIONAL REFERENCE ENTHALPY CONTROL.
7. REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPY CONTROL.
8. OPTIONAL MAS, RAS, RHS, OHS, AND ASSOCIATED WIRING NOT USED WITH MOTORIZED OUTSIDE AIR DAMPER.
9. TO ENABLE LEAD/LAG, CUT WIRE 101PP.
10. CONNECTIONS SHOWN ARE FOR OPTIONAL DEHUMIDIFICATION. FOR ADDITIONAL WIRING SEE CO2 SENSOR/VENTILATION OVERRIDE ACCESSORY DIAGRAM.
11. CUT AND ISOLATE WIRE 124B(VIO) IF DEHUMIDIFICATION OPTION IS INSTALLED.

TRANE

DO NOT SCALE PRINT

DRAWN BY: K.Vickmark

DATE: 26-Jan-10

THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF TRANE

© TRANE

THIRD ANGLE PROJECTION

4366-1044

DIAGRAM

CONTROLS - COOL ONLY

7.5-10 TON, RT CNTL

SHEET 1 OF 1

REV N