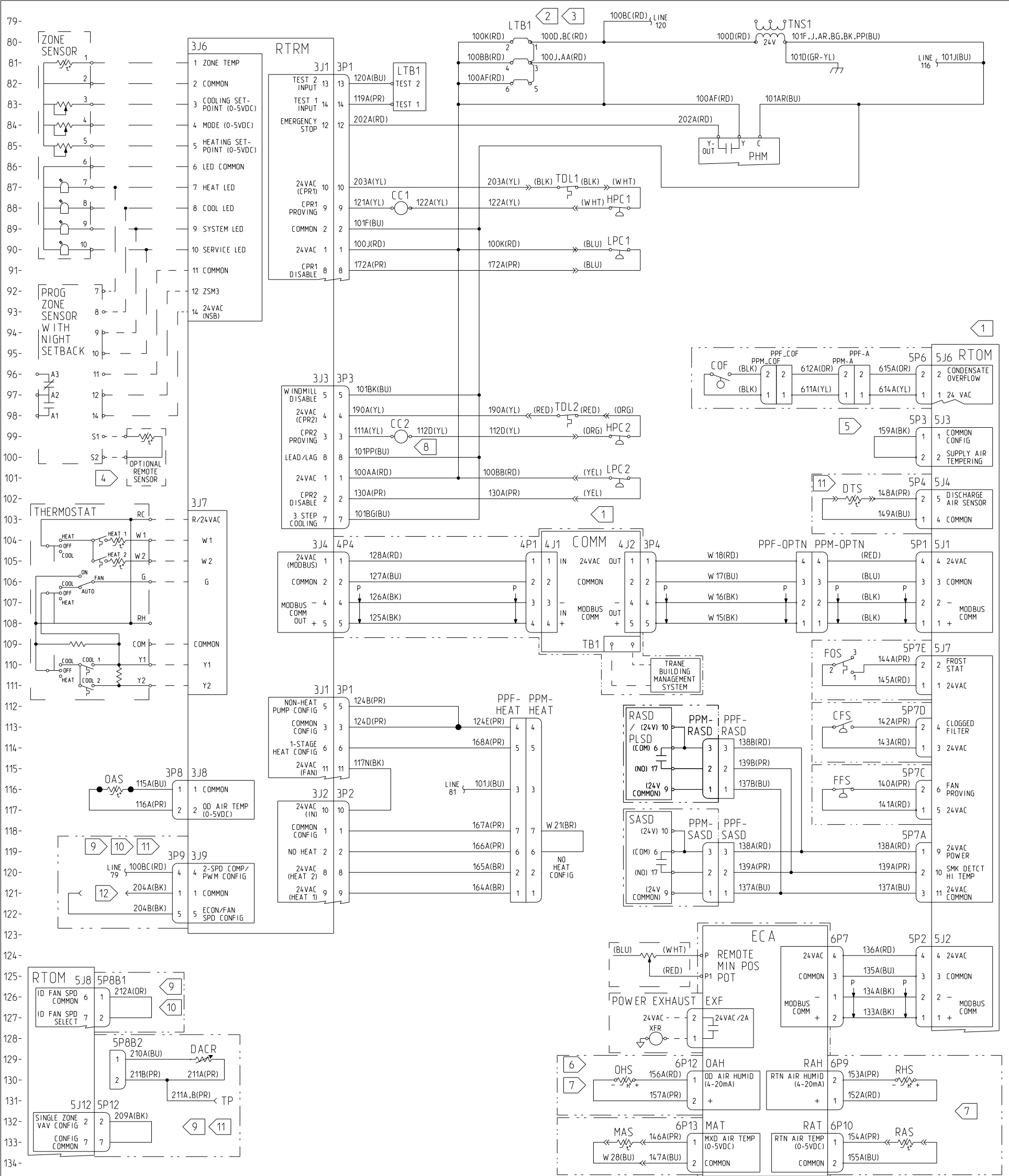




REF	DESCRIPTION	LINE
CC1	COMPRESSOR CONT 1	88
CC2	COMPRESSOR CONT 2	99
CFS	CLOGGED FILTER SWITCH	113
COF	CONDENSATE OVERFLOW	96
COMM	COMMUNICATIONS MODULE	105
DACR	DA COOL VAR RESISTOR	129
DTS	DISCHARGE AIR SENSOR	102
ECA	ECONOMIZER ACTUATOR	124
FFS	FAN FAIL SWITCH	116
FOS	FROSTAT	110
HPC1	HIGH-PRESS CUTOUT 1	87
HPC2	HIGH-PRESS CUTOUT 2	98
LPC1	LOW -PRESS CUTOUT 1	90
LPC2	LOW -PRESS CUTOUT 2	101
LTB1	LOW -VOLT TERM BOARD	80.82
MAS	MIXED AIR SENSOR	133
OAS	OD AIR SENSOR	116
OHS	OD AIR HUMIDITY SENSOR	130
PHM	PHASE MONITOR	85
PLSD	PLENUM SMOKE DETECTOR	113
RAS	RTN AIR SENSOR	133
RASD	RTN AIR SMOKE DETECT	114
RHS	RTN AIR HUMIDITY SENSOR	130
RTOM	OPTIONS MODULE	99.126
RTRM	REFRIGERATION MODULE	81
SASD	SUPPLY AIR SMOKE DETECT	119
TDL1	THERMO DISCHARGE LINE 1	87
TDL2	THERMO DISCHARGE LINE 2	98
TNS1	LOW -VOLT TRANSFORMER	79

NOTES:

- 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 COMPRESSORS, REMOVE THE JUMPER ON LTB1 BETWEEN PINS 1 & 2 AND PINS 3 & 4 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
- TO ENABLE LEAD/LAG, CUT AND ISOLATE WIRE 101PP.
- 9
- FOR STANDARD ID FAN OPERATION ENSURE RTRM 3J9, RTOM 5J12, AND RTOM 5J8 PINS 6-7 ARE OPEN (NO CONNECTIONS).
- 10
- FOR OPTIONAL MULTI-SPEED ID FAN CONNECT RTRM 3J9 WITH 3P9, RTOM 5J8 PINS 6-7 WITH 5P8B1.
- 11
- FOR OPTIONAL SZVAV INSTALL DACR AND DTS. CONNECT RTRM 3J9 WITH 3P9, RTOM 5J8 PINS 6-7 WITH 5P8B2, RTOM 5J12 WITH 5P12, AND RTOM 5J4 PINS 4-5 WITH 5P4. DISCHARGE AIR COOL SETPOINT MEASURED ACROSS TP-GROUND. SEE POWER DIAGRAM FOR TABLE.
- 12
- FUTURE CHANGES - NOT USED.

TRANE

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

DATE: 14-Dec-2011

DESIGN BY: J. Woosley

DO NOT SCALE PRINT

THIRD ANGLE PROJECTION

4366-7433

1

REV

CONTROLS DIAGRAM

TSC20F(3,4,N)

RELATEL CONTROLS