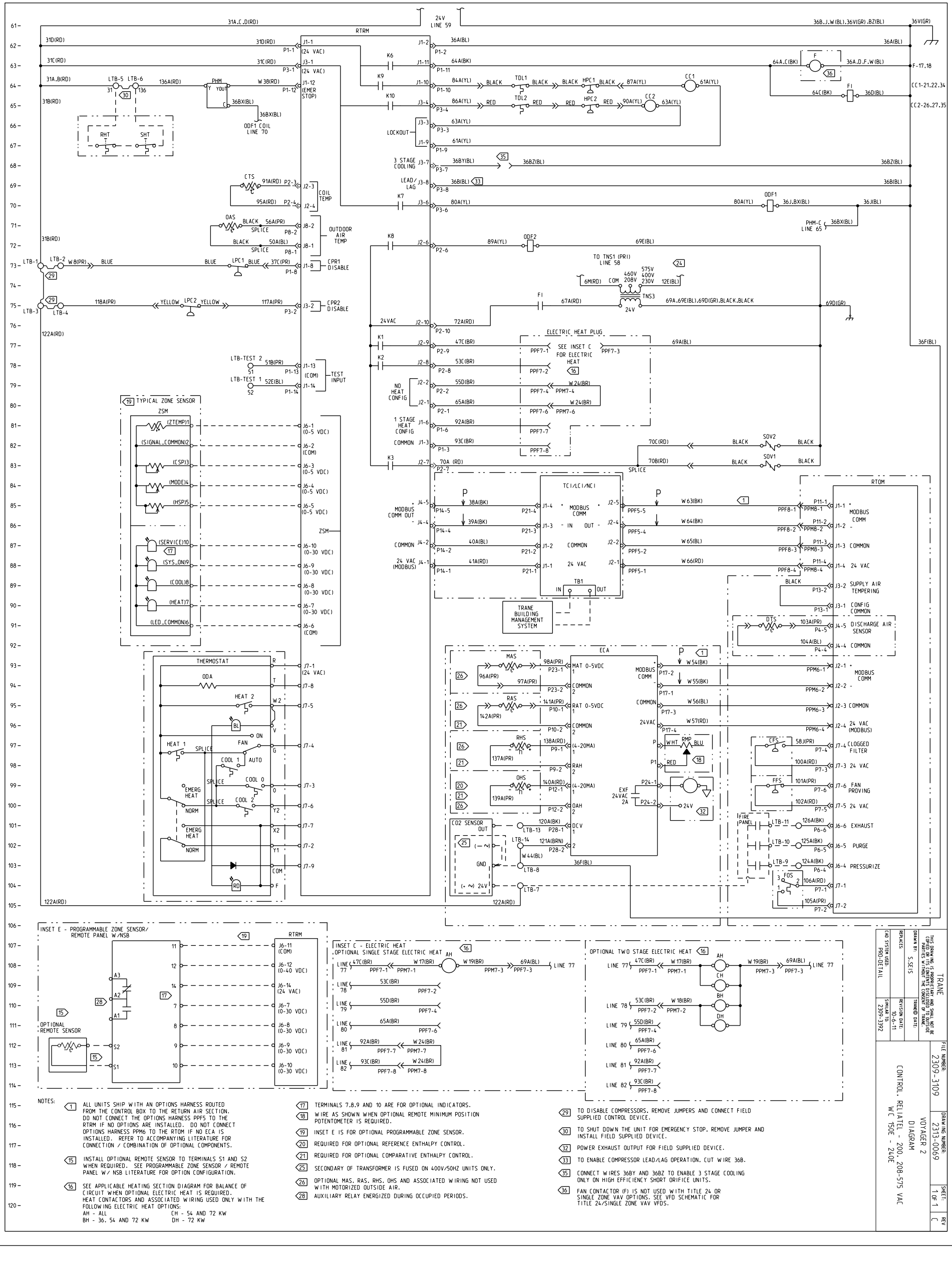

NOTES:

1. ALL UNITS SHIP WITH AN OPTIONS HARNESS ROUTED FROM THE CONTROL BOX TO THE RETURN AIR SECTION. DO NOT CONNECT THE OPTIONS HARNESS PPF5 TO THE RTRM IF NO OPTIONS ARE INSTALLED. DO NOT CONNECT OPTIONS HARNESS PPM6 TO THE RTOM IF NO ECA IS INSTALLED. REFER TO ACCOMPANYING LITERATURE FOR CONNECTION / COMBINATION OF OPTIONAL COMPONENTS.
15. INSTALL OPTIONAL REMOTE SENSOR TO TERMINALS S1 AND S2 WHEN REQUIRED. SEE PROGRAMMABLE ZONE SENSOR / REMOTE PANEL W/ NSB LITERATURE FOR OPTION CONFIGURATION.
16. SEE APPLICABLE HEATING SECTION DIAGRAM FOR BALANCE OF CIRCUIT WHEN OPTIONAL ELECTRIC HEAT IS REQUIRED. HEAT CONTACTORS AND ASSOCIATED WIRING USED ONLY WITH THE FOLLOWING ELECTRIC HEAT OPTIONS:
   AH - ALL CH - 54 AND 72 KW
   BH - 36, 54 AND 72 KW DH - 72 KW
17. TERMINALS 7,8,9 AND 10 ARE FOR OPTIONAL INDICATORS.
18. WIRE AS SHOWN WHEN OPTIONAL REMOTE MINIMUM POSITION POTENTOMETER IS REQUIRED.
19. INSET E IS FOR OPTIONAL PROGRAMMABLE ZONE SENSOR.
20. REQUIRED FOR OPTIONAL REFERENCE ENTHALPY CONTROL.
21. REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPY CONTROL.
25. SECONDARY OF TRANSFORMER IS FUSED ON 400V/50HZ UNITS ONLY.
26. OPTIONAL MAS, RAS, RHS, OHS AND ASSOCIATED WIRING NOT USED WITH MOTORIZED OUTSIDE AIR.
28. AUXILIARY RELAY ENERGIZED DURING OCCUPIED PERIODS.
29. TO DISABLE COMPRESSORS, REMOVE JUMPERS AND CONNECT FIELD SUPPLIED CONTROL DEVICE.
30. TO SHUT DOWN THE UNIT FOR EMERGENCY STOP, REMOVE JUMPER AND INSTALL FIELD SUPPLIED DEVICE.
32. POWER EXHAUST OUTPUT FOR FIELD SUPPLIED DEVICE.
33. TO ENABLE COMPRESSOR LEAD/LAG OPERATION, CUT WIRE 36B.
35. CONNECT WIRES 36BY AND 36BZ TO ENABLE 3 STAGE COOLING ONLY ON HIGH EFFICIENCY SHORT ORIFICE UNITS.
36. FAN CONTACTOR (F) IS NOT USED WITH TITLE 24 OR SINGLE ZONE VAV OPTIONS. SEE VFD SCHEMATIC FOR TITLE 24/SINGLE ZONE VAV VFDS.

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DRAWN BY:	S.SEIS
TRANE® DATE:	
REVISION DATE:	10-6-11
REPLACES:	
CAD SYSTEM USED:	PRO-DETAIL
SIMILAR TO:	2309-3392

TRANE

CONTROL, RELIATEL - 200, 208-575 VAC
W/C 150E - 240E
VOYAGER 2
DIAGRAM

FILE NUMBER:	2309-3109
DRAWING NUMBER:	2313-0069
SHEET:	1 OF 1
REV	C