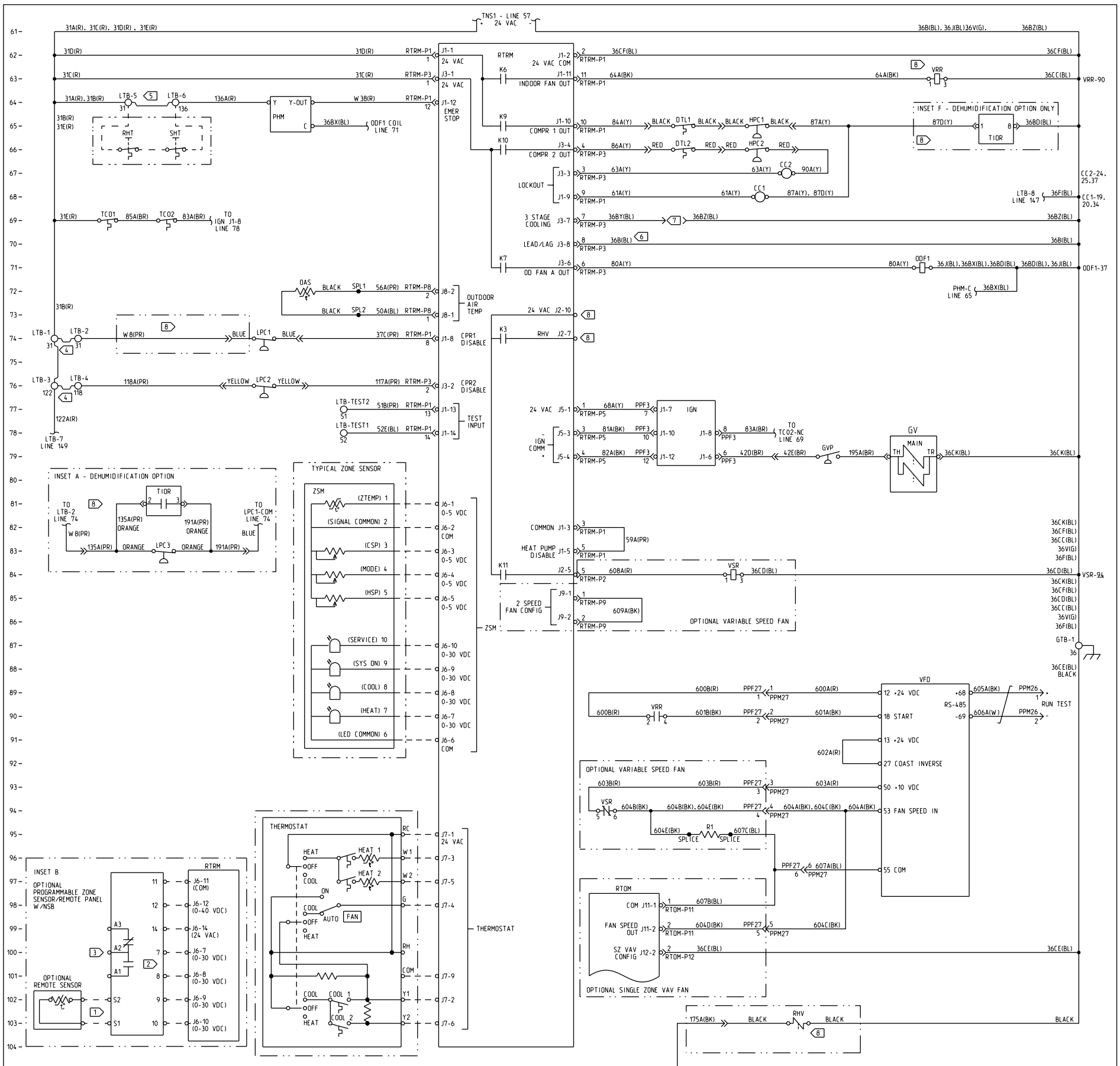

LEGEND		
DEVICE DESIG	DESCRIPTION	LINE NUMBER
CC1	CONTACTOR - COMPRESSOR #1	68
CC2	CONTACTOR - COMPRESSOR #2	67
DTL1	SWITCH - DISCHARGE TEMP LIMIT #1	65
DTL2	SWITCH - DISCHARGE TEMP LIMIT #2	66
GV	VALVE - GAS	79
GVP	SWITCH - GAS VAVLE PRESSURE	79
HPC1	SWITCH - HIGH PRESSURE #1	65
HPC2	SWITCH - HIGH PRESSURE #2	66
IGN	MODULE - GAS IGNITION	77
LPC1	SWITCH - LOW PRESSURE #1	74
LPC2	SWITCH - LOW PRESSURE #2	76
LPC3	SWITCH - LOW PRESSURE #3	83
OAS	SENSOR - OUTDOOR AIR TEMP	72
ODF1	RELAY - OUTDOOR FAN #1	71
PHM	PHASE MONITOR	64
R1	RESISTOR -	95
RHT	SWITCH - RETURN HIGH TEMPERATURE	66
RHV	VAVLE - REHEAT	103
RTOM	MODULE - RTOM	98
RTRM	MODULE - RELIATEL REGRIGERATION	62
SHT	SWITCH - SUPPLY HIGH TEMPERATURE	66
TCO1	SWITCH - THERMAL CUTOUT #1	69
TCO2	SWITCH - THERMAL CUTOUT #2	69
TIOR	MODULE - TIMED OVERRIDE	65.81
VFD	VFD - TITLE 24 & SINGLE ZONE VAV	89
VRR	RELAY - VFD RUN	63.90
VSR	RELAY - VFD SPEED	84.94
ZSM	MODULE - ZONE SENSOR	81

1. INSTALL OPTIONAL REMOTE SENSOR TO TERMINALS S1 AND S2 WHEN REQUIRED. SEE PROGRAMMABLE ZONE SENSOR/REMOTE PANEL WITH NSB LITERATURE FOR OPTIONAL CONFIGURATION.
2. TERMINALS 7, 8, 9, AND 10 ARE FOR OPTIONAL INDICATORS.
3. AUXILIARY RELAY ENERGIZED DURING OCCUPIED PERIODS.
4. TO DISABLE COMPRESSORS, REMOVE JUMPERS BETWEEN LTB-1 AND LTB-2 AND BETWEEN LTB-3 AND LTB-4 AND CONNECT FIELD SUPPLIED CONTROL DEVICE.
5. TO SHUT DOWN THE UNIT FOR EMERGENCY STOP, REMOVE BETWEEN LTB-5 AND LTB-6 JUMPER AND INSTALL FIELD SUPPLIED DEVICE.
6. TO ENABLE COMPRESSOR LEAD/LAG OPERATION CUT WIRE 36B(BL).
7. CONNECT WIRES 36BY(BL) AND 36BZ(BL) TO ENABLE 3 STAGE COOLING.
8. WHEN OPTIONAL DEHUMIDIFICATION IS REQUIRED, CONNECT TIOR AS SHOWN INSET A AND F, AND INSERT DEHUMIDIFICATION ADAPTERS (SHOWN IN INSET D) BETWEEN RTRM AND STANDARD HARNESES.
   A. CONNECT P31 TO RTRM-J1, P32 TO RTRM-J2, RTRM-P1 TO PPM28 AND RTRM-P2 TO PPM29.
   B. CONNECT REHEAT VALVE (RHV) AS SHOWN.
   C. CONNECT 64D(BK) FROM P32-10 TO VRR (COIL.

TRANE
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DRAWN BY: D. SHANNON
TRANE® DATE: 3-6-12
REPLACES: 2313-00711
CAD SYSTEM USED: ProDIAGRAM
SIMILAR TO:
REVISION DATE:

CONTROL SCHEMATIC - RELIATEL MODULATING GAS HEAT VARIABLE AIR VOLUME

VOYAGER 2 DIAGRAM

FILE NUMBER: 2313-1486
DRAWING NUMBER: 2313-1494
SHEET: 1 of 1
REV: A