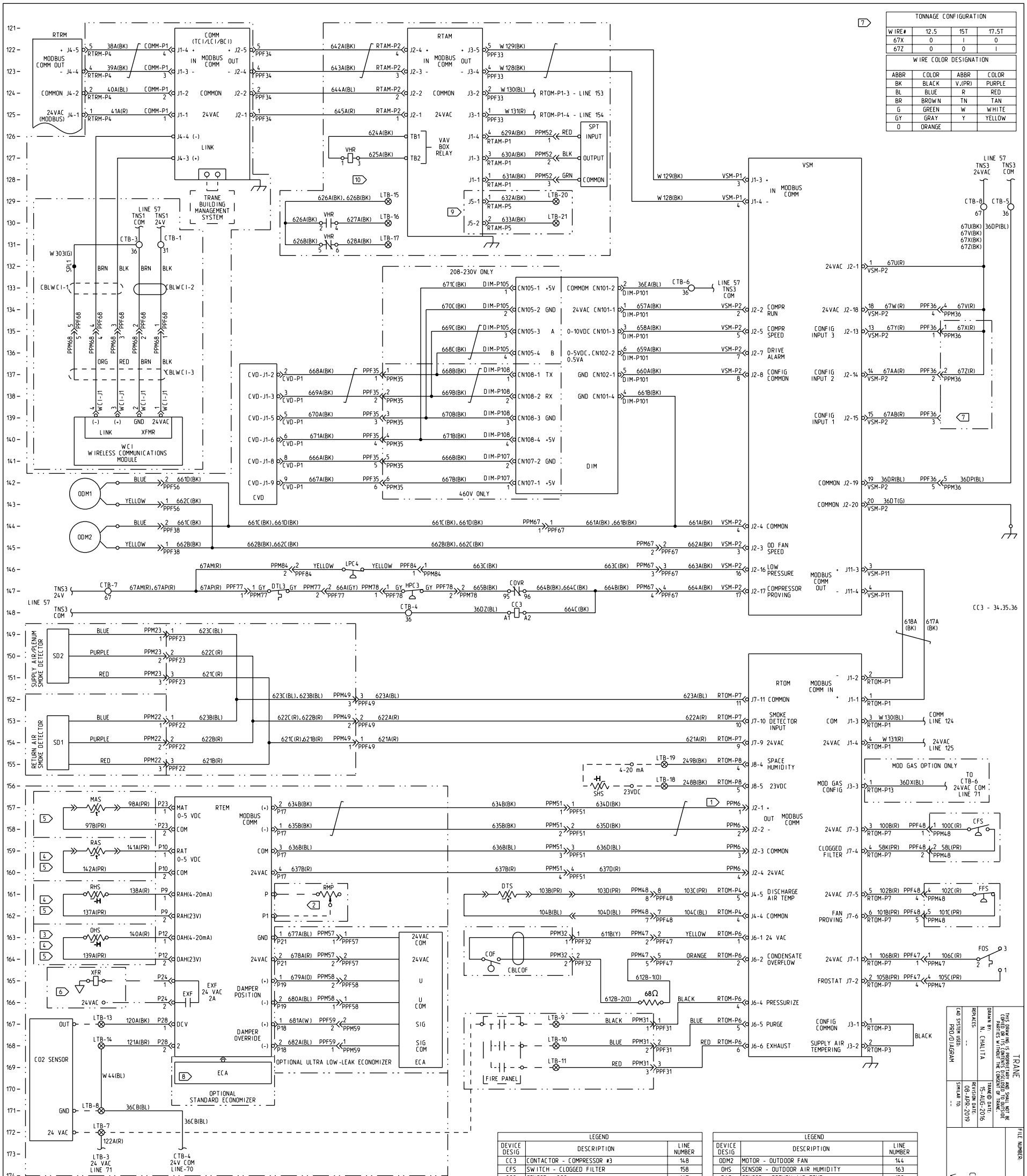

NOTES:

1. ALL UNITS SHIP WITH AN OPTIONS HARNESS ROUTED FROM THE CONTROL BOX TO THE RETURN AIR SECTION. IF NO ECA IS INSTALLED, DO NOT CONNECT PPM6 TO THE RTOM. REFER TO ACCOMPANYING LITERATURE FOR CONNECTION AND COMBINATION OF OPTIONAL COMPONENTS.
2. WHEN OPTIONAL REMOTE MINIMUM POSITION POTENTIOMETER IS REQUIRED, WIRE AS SHOWN.
3. REQUIRED FOR OPTIONAL REFERENCE ENTHALPY CONTROL.
4. REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPY CONTROL.
5. OPTIONAL MAS, RAS, RHS, OHS AND ASSOCIATED WIRING NOT USED WITH MOTORIZED OUTSIDE AIR.
6. POWER EXHAUST OUTPUT FOR FIELD SUPPLIED DEVICE.
7. REFERENCE TONNAGE CONFIGURATION TABLE
   1 = WIRE CONNECTED & 0 = WIRE NOT CONNECTED
8. STANDARD ECONOMIZER ECA IS ATTACHED TO THE BACK OF THE RTEM
9. SWITCHOVER CONNECTIONS FOR OPTIONAL MODULATING GAS HEAT
10. RELAY ENERGIZED DURING ALL CV MODES: UNOCC, DWU, MWU.

LEGEND		
DEVICE DESIG	DESCRIPTION	LINE NUMBER
CC3	CONTACTOR - COMPRESSOR #3	148
CFS	SWITCH - CLOGGED FILTER	158
CO2	SENSOR - CO2	167
COF	SWITCH - CONDENSATE OVERFLOW	164
COMM	MODULE - COMMUNICATIONS	122
COVR	OVERLOAD - COMPRESSOR #3	147
CVD	VARIABLE FREQUENCY DRIVE - COMPRESSOR #3	137
DIM	MODULE - DRIVE INTERFACE	133
DTL3	SWITCH - DISCHARGE TEMP LIMIT	147
DTS	SENSOR - DISCHARGE AIR TEMP	161
ECA	ACTUATOR - ECONOMIZER	163,169
FFS	SWITCH - FAN FAILURE	161
FOS	SWITCH - FROSTAT	164
HPC3	SWITCH - HIGH PRESSURE	147
LPC4	SWITCH - LOW PRESSURE	146
MAS	SENSOR - MIXED AIR TEMP	157
ODM1	MOTOR - OUTDOOR FAN	142

LEGEND		
DEVICE DESIG	DESCRIPTION	LINE NUMBER
ODM2	MOTOR - OUTDOOR FAN	144
OHS	SENSOR - OUTDOOR AIR HUMIDITY	163
RAS	SENSOR - RETURN AIR TEMP	159
RES	RESISTOR - 68 OHM	166
RHS	SENSOR - RETURN AIR HUMIDITY	161
RMP	POTENTIOMETER - REMOTE MIN POSITION	161
RTAM	MODULE - RELIATEL AIR HANDLING	122
RTEM	MODULE - ECONOMIZER	157
RTOM	MODULE - RELIATEL OPTIONS	151
RTRM	MODULE - RELIATEL REFRIGERATION	122
SD1	SENSOR - RETURN AIR SMOKE DETECTOR	155
SD2	SENSOR - SUPPLY AIR SMOKE DETECTOR	151
SHS	SENSOR - SPACE HUMIDITY	156
SPT	TRANSDUCER - STATIC PRESSURE	126
VHR	RELAY - VAV BOX CONTROL	127,130,131
VSM	MODULE - VARIABLE SPEED COMPRESSOR	128
WCI	MODULE - WIRELESS COMMUNICATIONS	139
XFR	CONTACTOR - POWER EXHAUST	165

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DRAWN BY: N. CHALITA
CAD SYSTEM USED: PRO/DIAGRAM
REPLACES: --
SIMILAR TO: --
TRANE® DATE: 15-AUG-2016
REVISION DATE: 08-APR-2019

TRANE

FILE NUMBER:

CONTROL SCHEMATIC, RELIATEL OPTION MODULES VARIABLE SPEED COMPRESSORS

VOYAGER 2 DIAGRAM

DRAWING NUMBER: 12132201

SHEET: 1 OF 1

REV: B