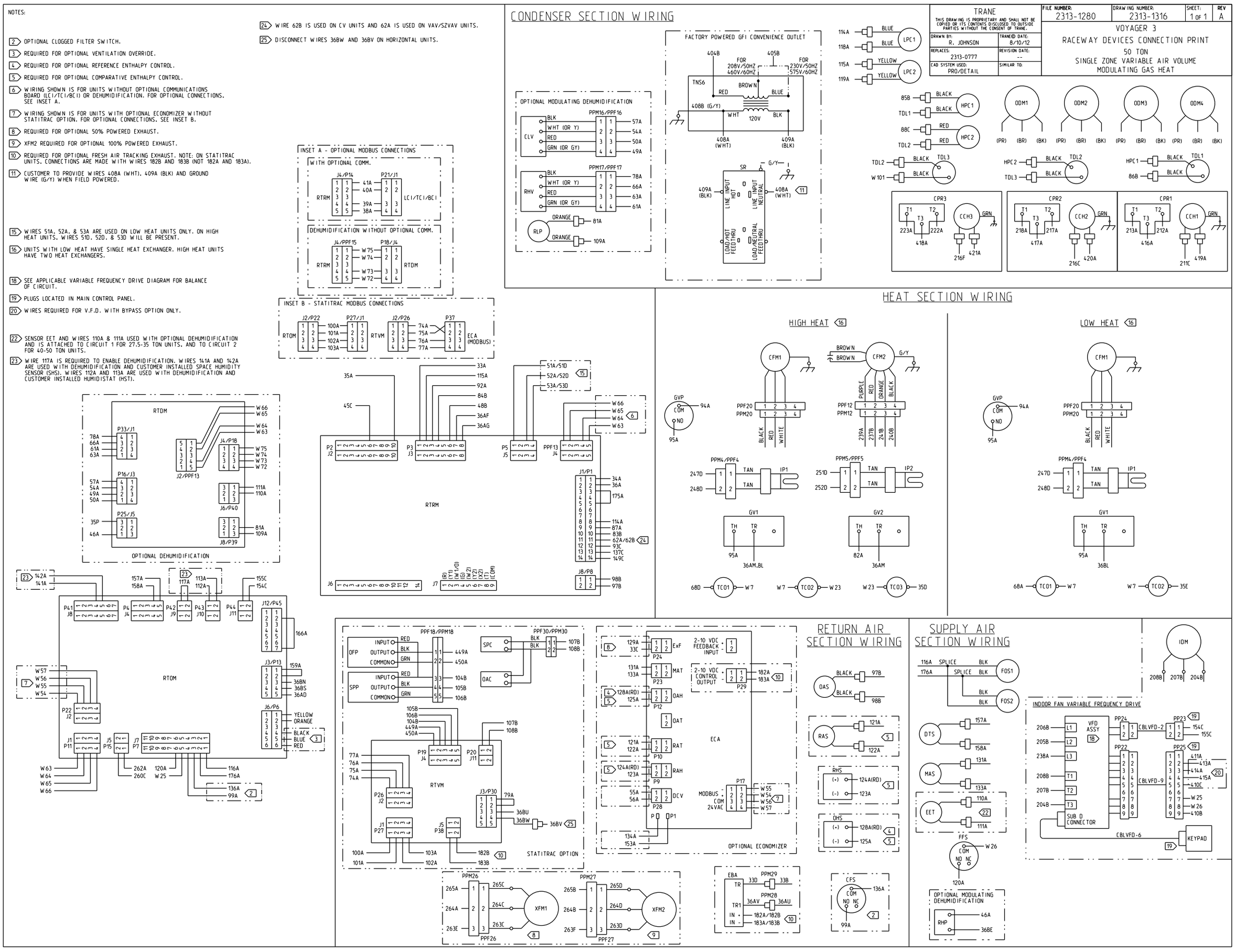
NOTES:

2. OPTIONAL CLOGGED FILTER SWITCH.
3. REQUIRED FOR OPTIONAL VENTILATION OVERRIDE.
4. REQUIRED FOR OPTIONAL REFERENCE ENTHALPY CONTROL.
5. REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPY CONTROL.
6. WIRING SHOWN IS FOR UNITS WITHOUT OPTIONAL COMMUNICATIONS BOARD (LCI/TCI/BCI) OR DEHUMIDIFICATION. FOR OPTIONAL CONNECTIONS. SEE INSET A.
7. WIRING SHOWN IS FOR UNITS WITH OPTIONAL ECONOMIZER WITHOUT STATITRAC OPTION. FOR OPTIONAL CONNECTIONS. SEE INSET B.
8. REQUIRED FOR OPTIONAL 50% POWERED EXHAUST.
9. XFM2 REQUIRED FOR OPTIONAL 100% POWERED EXHAUST.
10. REQUIRED FOR OPTIONAL FRESH AIR TRACKING EXHAUST. NOTE: ON STATITRAC UNITS. CONNECTIONS ARE MADE WITH WIRES 182B AND 183B (NOT 182A AND 183A).
11. CUSTOMER TO PROVIDE WIRES 408A (WHT). 409A (BLK) AND GROUND WIRE (G/Y) WHEN FIELD POWERED.
15. WIRES 51A. 52A. & 53A ARE USED ON LOW HEAT UNITS ONLY. ON HIGH HEAT UNITS. WIRES 51D. 52D. & 53D WILL BE PRESENT.
16. UNITS WITH LOW HEAT HAVE SINGLE HEAT EXCHANGER. HIGH HEAT UNITS HAVE TWO HEAT EXCHANGERS.
18. SEE APPLICABLE VARIABLE FREQUENCY DRIVE DIAGRAM FOR BALANCE OF CIRCUIT.
19. PLUGS LOCATED IN MAIN CONTROL PANEL.
20. WIRES REQUIRED FOR V.F.D. WITH BYPASS OPTION ONLY.
22. SENSOR EET AND WIRES 110A & 111A USED WITH OPTIONAL DEHUMIDIFICATION AND IS ATTACHED TO CIRCUIT 1 FOR 27.5-35 TON UNITS. AND TO CIRCUIT 2 FOR 40-50 TON UNITS.
23. WIRE 117A IS REQUIRED TO ENABLE DEHUMIDIFICATION. WIRES 141A AND 142A ARE USED WITH DEHUMIDIFICATION AND CUSTOMER INSTALLED SPACE HUMIDITY SENSOR (SHS). WIRES 112A AND 113A ARE USED WITH DEHUMIDIFICATION AND CUSTOMER INSTALLED HUMIDISTAT (HST).
24. WIRE 62B IS USED ON CV UNITS AND 62A IS USED ON VAV/SZVAV UNITS.
25. DISCONNECT WIRES 36BW AND 36BV ON HORIZONTAL UNITS.

| TRANE | FILE NUMBER: 2313-1280 | DRAWING NUMBER: 2313-1316 | SHEET: 1 OF 1 | REV A |
|---|---|---|---|---|
| THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE. | DRAWN BY: R. JOHNSON | TRANE® DATE: 8/10/12 | VOYAGER 3 RACEWAY DEVICES CONNECTION PRINT 50 TON SINGLE ZONE VARIABLE AIR VOLUME MODULATING GAS HEAT | |
| | REPLACES: 2313-0777 | REVISION DATE: -- | | |
| | CAD SYSTEM USED: PRO/DETAIL | SIMILAR TO: | | |