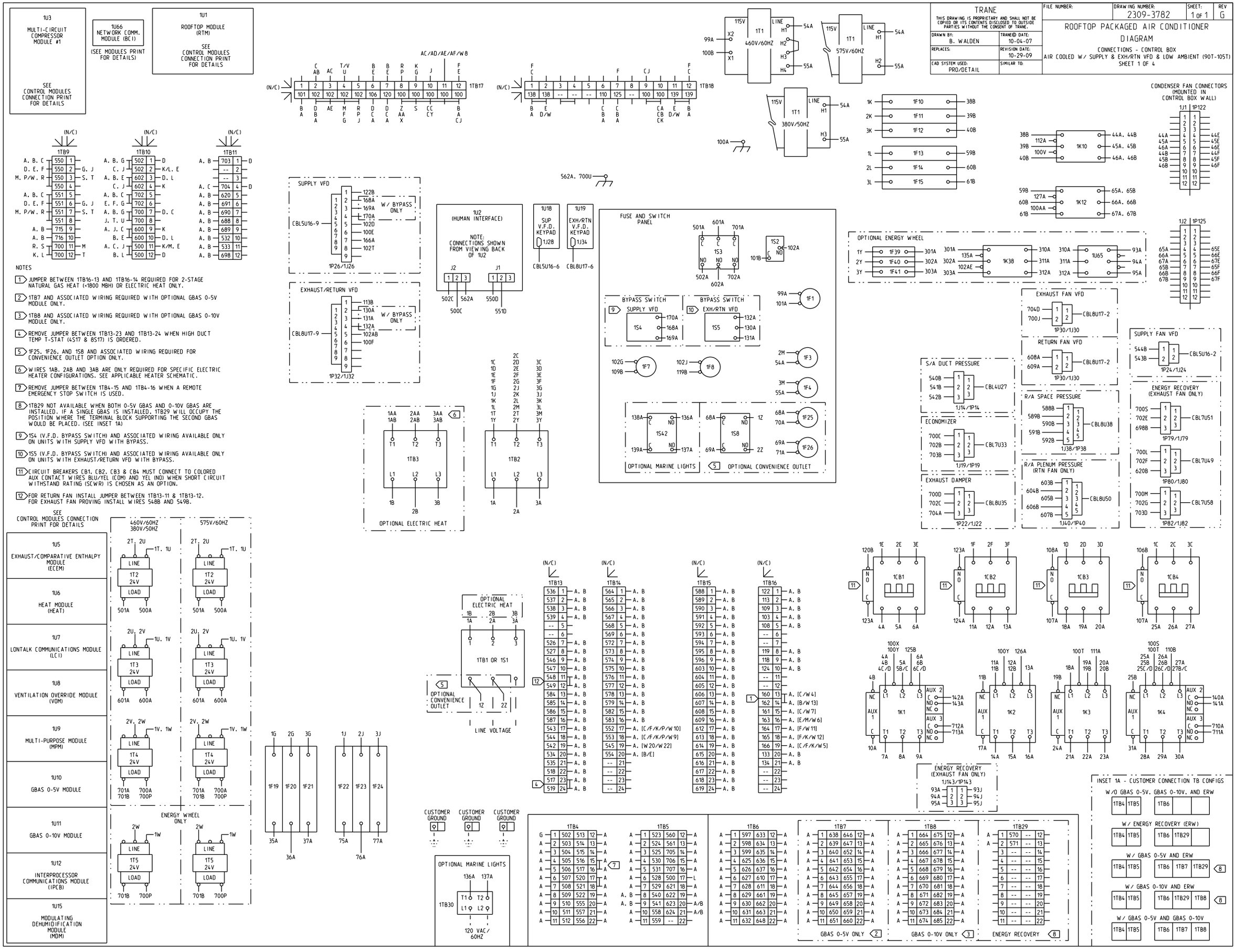
| TRANE | FILE NUMBER: | DRAWING NUMBER: 2309-3782 | SHEET: 1 OF 1 | REV G |
|---|---|---|---|---|
| THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE. | ROOFTOP PACKAGED AIR CONDITIONER DIAGRAM | | | |
| DRAWN BY: B. WALDEN | TRANE® DATE: 10-04-07 | CONNECTIONS - CONTROL BOX | | |
| REPLACES: | REVISION DATE: 10-29-09 | AIR COOLED W/ SUPPLY & EXH/RTN VFD & LOW AMBIENT (90T-105T) | | |
| CAD SYSTEM USED: PRO/DETAIL | SIMILAR TO: | SHEET 1 OF 4 | | |




NOTES

1. JUMPER BETWEEN 1TB16-13 AND 1TB16-14 REQUIRED FOR 2-STAGE NATURAL GAS HEAT (<1800 MBH) OR ELECTRIC HEAT ONLY.
2. 1TB7 AND ASSOCIATED WIRING REQUIRED WITH OPTIONAL GBAS 0-5V MODULE ONLY.
3. 1TB8 AND ASSOCIATED WIRING REQUIRED WITH OPTIONAL GBAS 0-10V MODULE ONLY.
4. REMOVE JUMPER BETWEEN 1TB13-23 AND 1TB13-24 WHEN HIGH DUCT TEMP T-STAT (4S17 & 8S17) IS ORDERED.
5. 1F25, 1F26, AND 1S8 AND ASSOCIATED WIRING REQUIRED FOR CONVENIENCE OUTLET OPTION ONLY.
6. WIRES 1AB, 2AB AND 3AB ARE ONLY REQUIRED FOR SPECIFIC ELECTRIC HEATER CONFIGURATIONS. SEE APPLICABLE HEATER SCHEMATIC.
7. REMOVE JUMPER BETWEEN 1TB4-15 AND 1TB4-16 WHEN A REMOTE EMERGENCY STOP SWITCH IS USED.
8. 1TB29 NOT AVAILABLE WHEN BOTH 0-5V GBAS AND 0-10V GBAS ARE INSTALLED. IF A SINGLE GBAS IS INSTALLED, 1TB29 WILL OCCUPY THE POSITION WHERE THE TERMINAL BLOCK SUPPORTING THE SECOND GBAS WOULD BE PLACED. (SEE INSET 1A)
9. 1S4 (V.F.D. BYPASS SWITCH) AND ASSOCIATED WIRING AVAILABLE ONLY ON UNITS WITH SUPPLY VFD WITH BYPASS.
10. 1S5 (V.F.D. BYPASS SWITCH) AND ASSOCIATED WIRING AVAILABLE ONLY ON UNITS WITH EXHAUST/RETURN VFD WITH BYPASS.
11. CIRCUIT BREAKERS CB1, CB2, CB3 & CB4 MUST CONNECT TO COLORED AUX CONTACT WIRES BLU/YEL (COM) AND YEL (NO) WHEN SHORT CIRCUIT WITHSTAND RATING (SCWR) IS CHOSEN AS AN OPTION.
12. FOR RETURN FAN INSTALL JUMPER BETWEEN 1TB13-11 & 1TB13-12. FOR EXHAUST FAN PROVING INSTALL WIRES 548B AND 549B.