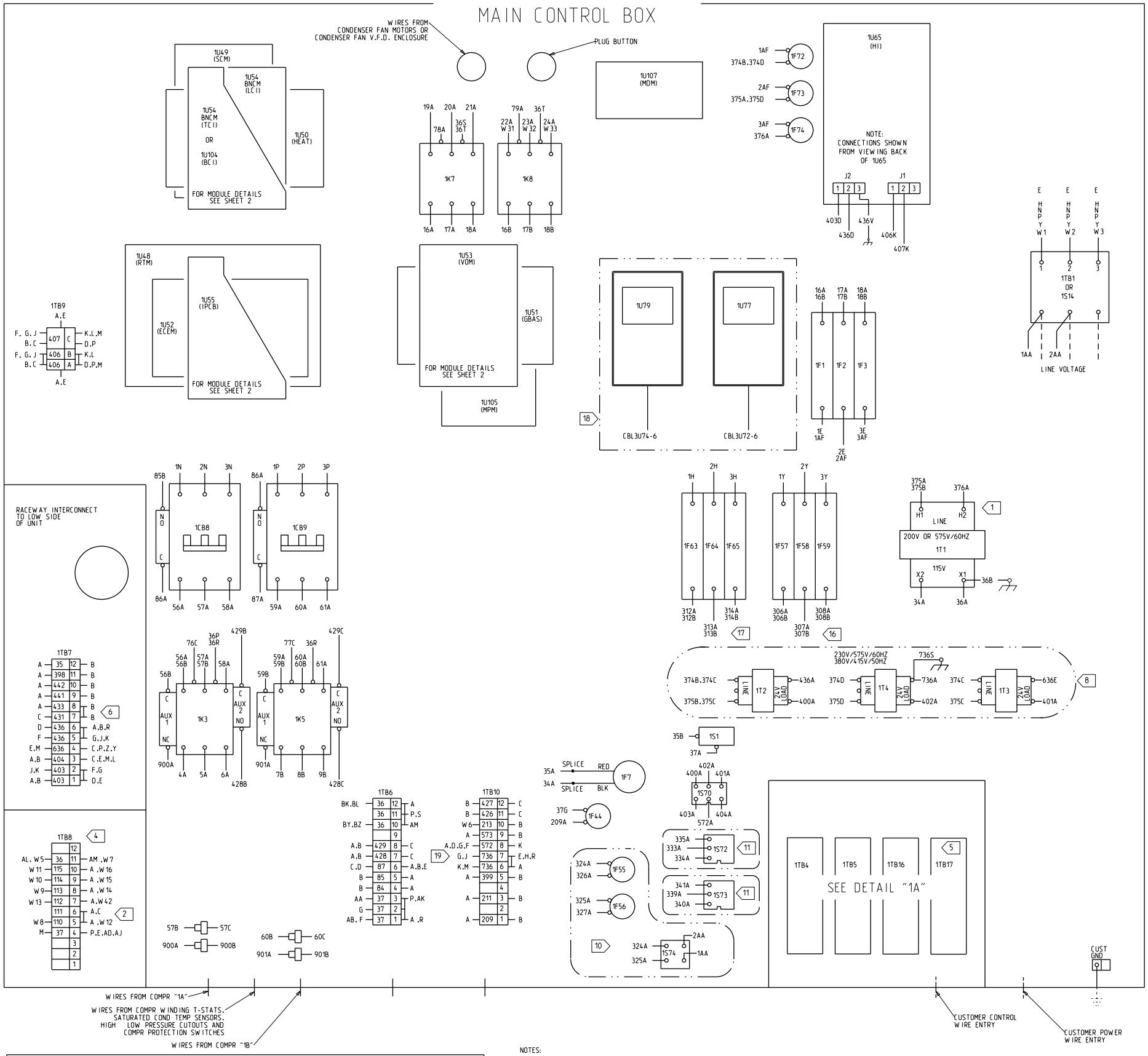
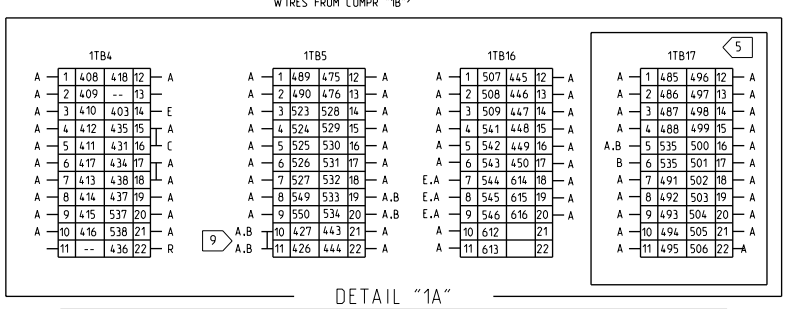
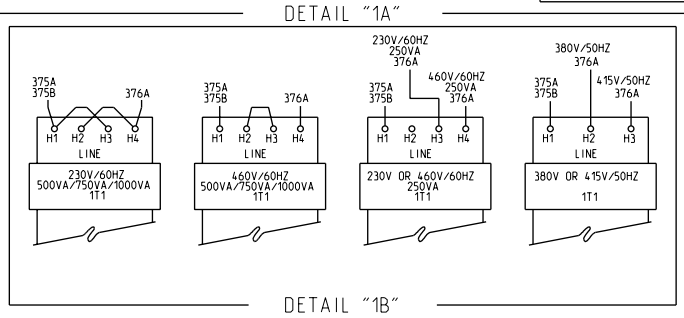
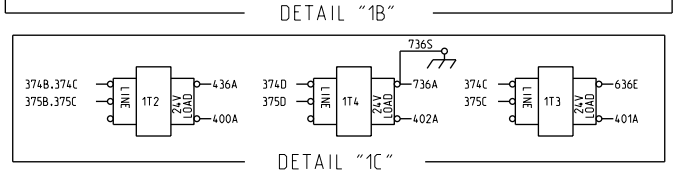
MAIN CONTROL BOX





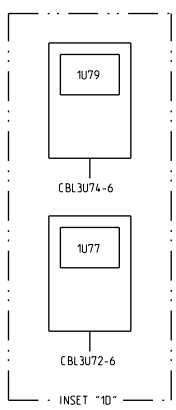




NOTES:

1. 200V/60HZ OR 575V/60HZ TRANSFORMER (1T1) SHOWN. SEE DETAIL "1B" FOR OTHER VOLTAGE CONNECTIONS.
2. JUMPER (1TB8-5 & 1TB8-6) REQUIRED ONLY ON UNITS WITH 2-STAGE NATURAL GAS HEAT OR ELECTRIC HEAT OPTION.
4. 1TB8 AND ASSOCIATED WIRING REQUIRED WITH ALL HEATING OPTIONS.
5. 1TB17 AND ASSOCIATED WIRING REQUIRED WITH OPTIONAL GBAS (1U51).
6. WHEN HIGH DUCT TEMP T-STAT (3S16 - 3S17) IS ORDERED JUMPER IS REMOVED.
8. 230V/60HZ. 380V/50HZ. 415V/50HZ OR 575V/60HZ TRANSFORMERS SHOWN. SEE DETAIL "1C" FOR 200V/60HZ OR 460V/60HZ CONNECTIONS.
9. JUMPER INSTALLED ONLY ON UNITS WITHOUT ECONOMIZER OPTION.
10. 1F55. 1F56 .1S74 AND ASSOCIATED WIRING USED ON CONVENIENCE OUTLET OPTION ONLY.
11. MANUAL BYPASS SWITCH AND ASSOCIATED WIRING OPTIONAL.
16. ON 1F57-1F59 FUSES USE WIRES 306B.307B 308B ON SUPPLY VFD UNITS W/O BYPASS W/LINE REACTOR OPTION ONLY. USE WIRES 306A.307A 308A ON ALL OTHER SUPPLY VFD UNITS.
17. ON 1F63-1F65 FUSES USE WIRES 312B.313B 314B ON EXHAUST VFD UNITS W/O BYPASS W/LINE REACTOR OPTION ONLY. USE WIRES 312A.313A 314A ON ALL OTHER EXHAUST VFD UNITS.
18. REFER TO INSET "1D" FOR ALTERNATE KEYPAD LAYOUT (1U79 1U77)
19. WIRES 736J.736G & 572F USED WITH RETURN FAN OPTION ONLY.

IMPORTANT!
DO NOT ENERGIZE UNIT UNTIL CHECK-OUT AND START-UP PROCEDURE HAS BEEN COMPLETED.



⚠ WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER, INCLUDING REMOTE DISCONNECTS, BEFORE SERVICING.
FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

⚠ AVERTISSEMENT
VOLTAGE HASARDEUX!
DECONNECTEZ TOUTES LES SOURCES ELECTRIQUES INCLUANT LES DISJONCTEURS SITUES A DISTANCE AVANT D'EFFECTUER L'ENTRETIEN.
FAUTE DE DECONNECTEZ LA SOURCE ELECTRIQUE AVANT D'EFFECTUER L'ENTRETIEN PEUT ENTRAINER DES BLESSURES CORPORELLES SEVERES OU LA MORT.

⚠ CAUTION
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

10 X 15 METAL PLATE

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TRANE

DRAWN BY: T.DEPRIEST
REPLACES:
TRANE® DATE: 08/09/00
REVISION DATE: 22-OCT-08
CAD SYSTEM USED: Pro/DETAIL
SIMILAR TO: 2307-3979

FILE NUMBER: 2307-3980
DRAWING NUMBER: 2307-4607
SHEET: 1 OF 3
REV: C

ROOFTOP PACKAGED AIR CONDITIONER
CONNECTION WIRING DIAGRAM
CONTROL BOX AREA 1
20 & 25 TON S_HF
W/ SUPPLY & EXH/RTN FAN VARIABLE FREQUENCY DRIVES