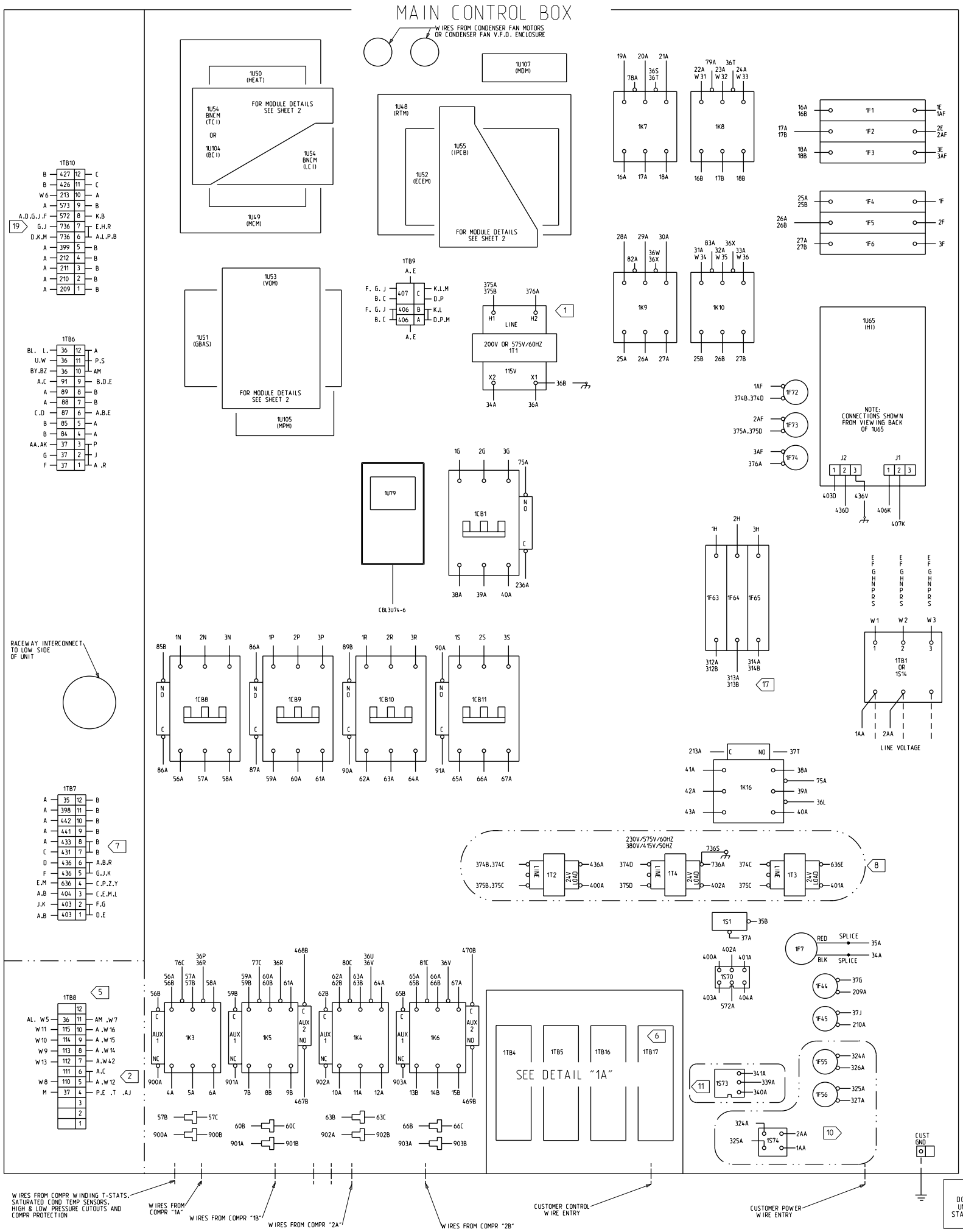
MAIN CONTROL BOX

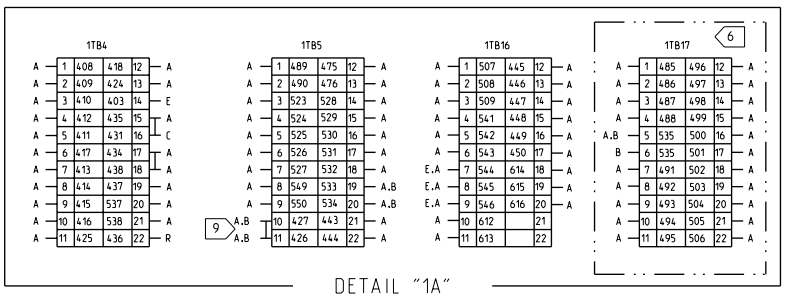


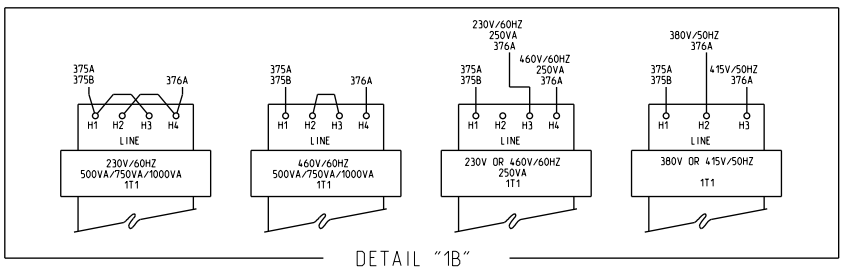
NOTES:

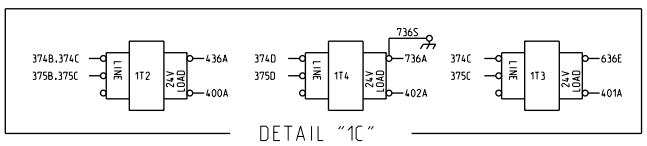
1. 200V/60HZ OR 575V/60HZ TRANSFORMER SHOWN. SEE DETAIL "1B" FOR OTHER VOLTAGE CONNECTIONS.
2. JUMPER (1TB8-5 & 1TB8-6) REQUIRED ONLY ON UNITS WITH 2-STAGE NATURAL GAS HEAT OR ELECTRIC HEAT OPTION.
5. 1TB8 AND ASSOCIATED WIRING REQUIRED WITH ALL HEATING OPTIONS.
6. 1TB17 AND ASSOCIATED WIRING REQUIRED WITH OPTIONAL GBAS (1U51).
7. WHEN HIGH DUCT TEMP T-STAT (3S16-3S17) IS ORDERED JUMPER BETWEEN 1TB7-7 AND 1TB7-8 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
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.
19. WIRES 736J. 736G & 572F USED WITH RETURN FAN OPTION ONLY.

10 X 15 METAL PLATE

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.

THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE.

TRANE

DRAWN BY: T. DEPRIEST	TRANE® DATE: 08/10/00
REPLACES:	REVISION DATE: 22-Oct-08
CAD SYSTEM USED: Pro/DETAIL	SIMILAR TO: 2307-3988

FILE NUMBER: 2307-3990

ROOFTOP PACKAGED AIR CONDITIONER
CONNECTION WIRING DIAGRAM
CONTROL BOX AREA 1
40 & 60 TON S_HF
W/ EXH/RTN FAN VARIABLE FREQUENCY DRIVE

DRAWING NUMBER: 2307-4614

SHEET: 1 OF 3

REV: C