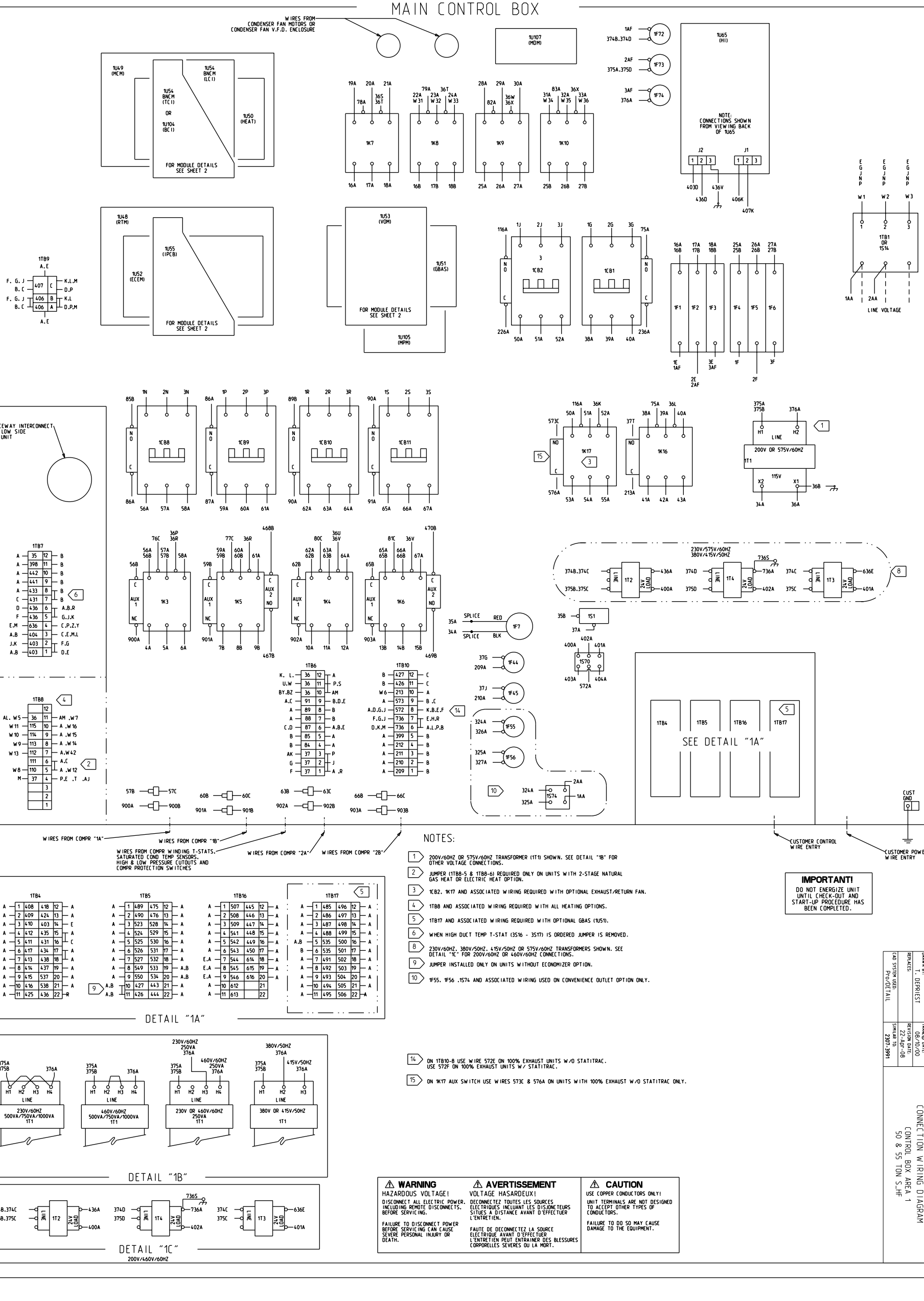
MAIN CONTROL BOX



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.
3. 1CB2, 1K17 AND ASSOCIATED WIRING REQUIRED WITH OPTIONAL EXHAUST/RETURN FAN.
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.
14. ON 1TB10-8 USE WIRE 572E ON 100% EXHAUST UNITS W/O STATITRAC. USE 572F ON 100% EXHAUST UNITS W/ STATITRAC.
15. ON 1K17 AUX SWITCH USE WIRES 573C & 576A ON UNITS WITH 100% EXHAUST W/O STATITRAC ONLY.

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

DETAIL "1A"

DETAIL "1B"

DETAIL "1C"
200V/460V/60HZ

⚠ 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: 08/10/00
REVISION DATE: 22-Apr-08
CAD SYSTEM USED: Pro/DETAIL
SIMILAR TO: 2307-3991

FILE NUMBER: 2307-3995
DRAWING NUMBER: 2307-4616
SHEET: 1 OF 3
REV: B

ROOFTOP PACKAGED AIR CONDITIONER
CONNECTION WIRING DIAGRAM
CONTROL BOX AREA 1
50 & 55 TON S_HF