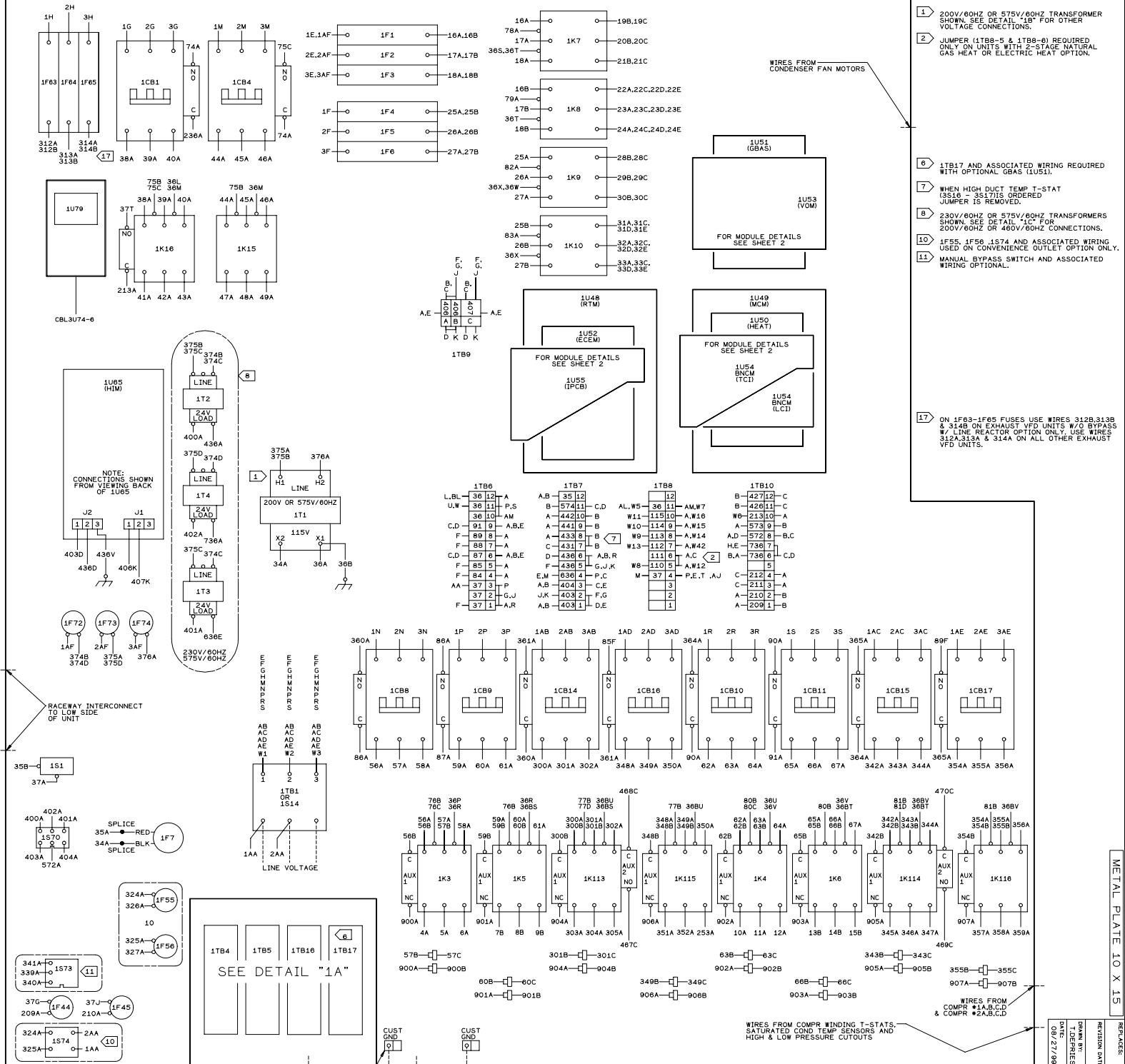


MAIN CONTROL BOX

NOTES:

- 200V/60HZ OR 575V/60HZ TRANSFORMER SHOWN. SEE DETAIL "1B" FOR OTHER VOLTAGE CONNECTIONS.
- JUMPER (1TB8-5 & 1TB8-6) REQUIRED ONLY ON UNIT WITH 2-STAGE NATURAL GAS HEAT OR ELECTRIC HEAT OPTION.
- 1TB17 AND ASSOCIATED WIRING REQUIRED WITH OPTIONAL GBAS (1U51).
- WHEN HIGH DUCT TEMP T-STAT (3516 - 3517/35 ORDERED) JUMPER IS REMOVED.
- 230V/60HZ OR 575V/60HZ TRANSFORMERS SHOWN. SEE DETAIL "1C" FOR 200V/60HZ OR 460V/60HZ CONNECTIONS.
- 1F55, 1F56, 1J74 AND ASSOCIATED WIRING USED ON CONVENIENCE OUTLET OPTION ONLY. MANUAL BYPASS SWITCH AND ASSOCIATED WIRING OPTIONAL.
- 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.



SEE DETAIL "1A"

DETAIL "1A"

DETAIL "1B"

DETAIL "1C"

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 DECONNECTER LA SOURCE ELECTRIQUE AVANT D'EFFECTUER L'ENTRETIEN PEUT ENTRAÎNER 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.

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

METAL PLATE 10 X 15

REF. DES.

REVISION DATE:

FILE NUMBER:

2307-3942

THE TRANE COMPANY

AMERICAN STANDARD INC.

CONNECTION WIRING DIAGRAM

W/ EXHAUST FAN VARIABLE FREQUENCY DRIVE

2307-4535

REV B