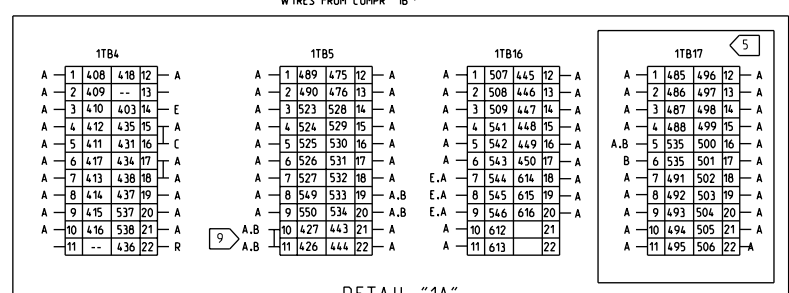
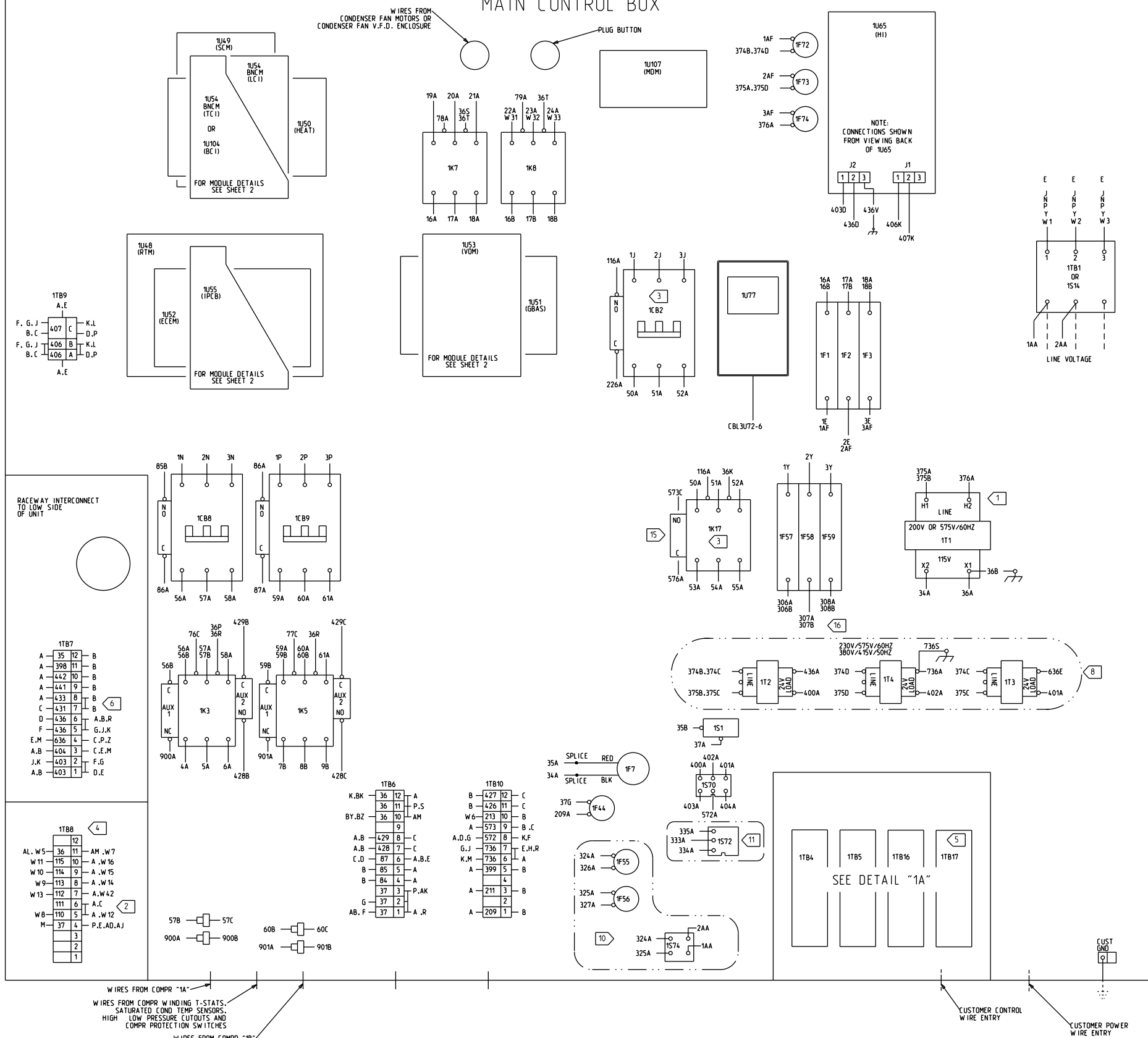
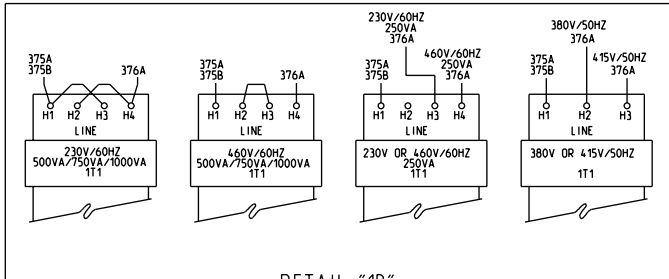


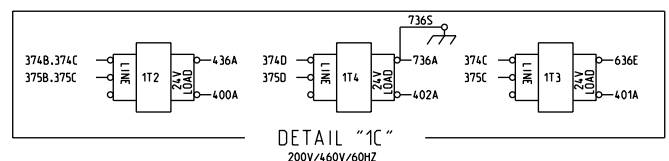
MAIN CONTROL BOX



DETAIL "1A"



DETAIL "1B"



DETAIL "1C"

NOTES:

- 200V/60HZ OR 575V/60HZ TRANSFORMER (1T1) SHOWN. SEE DETAIL "1B" FOR OTHER VOLTAGE CONNECTIONS.
- JUMPER (1T88-5 & 1T88-6) REQUIRED ONLY ON UNITS WITH 2-STAGE NATURAL GAS HEAT OR ELECTRIC HEAT OPTION.
- 1C2, 1K17 AND ASSOCIATED WIRING REQUIRED WITH OPTIONAL EXHAUST AIR FAN.
- 1T88 AND ASSOCIATED WIRING REQUIRED WITH ALL HEATING OPTIONS.
- 1T87 AND ASSOCIATED WIRING REQUIRED WITH OPTIONAL GBAS (1U51).
- WHEN HIGH DUCT TEMP T-STAT (3516 - 3517) IS ORDERED JUMPER IS REMOVED.
- 230V/60HZ, 380V/50HZ, 415V/50HZ OR 575V/60HZ TRANSFORMERS SHOWN. SEE DETAIL "1C" FOR 200V/60HZ OR 460V/60HZ CONNECTIONS.
- JUMPER INSTALLED ONLY ON UNITS WITHOUT ECONOMIZER OPTION.
- JUMPER INSTALLED ONLY ON UNITS WITHOUT ECONOMIZER OPTION.
- 1F55, 1F56, 1S74 AND ASSOCIATED WIRING USED ON CONVENIENCE OUTLET OPTION ONLY.
- MANUAL BYPASS SWITCH AND ASSOCIATED WIRING OPTIONAL.
- ON 1K17 AUX SWITCH USE WIRES 573C 576A ON UNITS WITH 100% EXHAUST W/O STATITRAC ONLY.
- 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.

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 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.

TO X 15 METAL PLATE		TRANS	
FILE NUMBER	2307-3980	DRAWING NUMBER	2307-4605
THIS DRAWING IS APPROVED FOR THE PROJECT AND SHALL NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE CONSENT OF TRANS.		SHEET: 1 OF 3	
DRAWN BY: T. J. PERIEST		REV: B	
CHECKED BY: T. J. PERIEST		DATE: 08/09/00	
DESIGNED BY: T. J. PERIEST		REVISION DATE: 10-Apr-08	
CADD SYSTEM USED: AutoCAD		SCALE TO: 1/8"=1'-0"	
PROJECT NO: 2307-3977		W/ SUPPLY FAN VARIABLE FREQUENCY DRIVE	
PROJECT NAME: ROOFTOP PACKAGED AIR CONDITIONER		CONTROL BOX AREA 1	
PROJECT LOCATION: 20 & 25 TON S.H.F.		CONNECTION WIRING DIAGRAM	