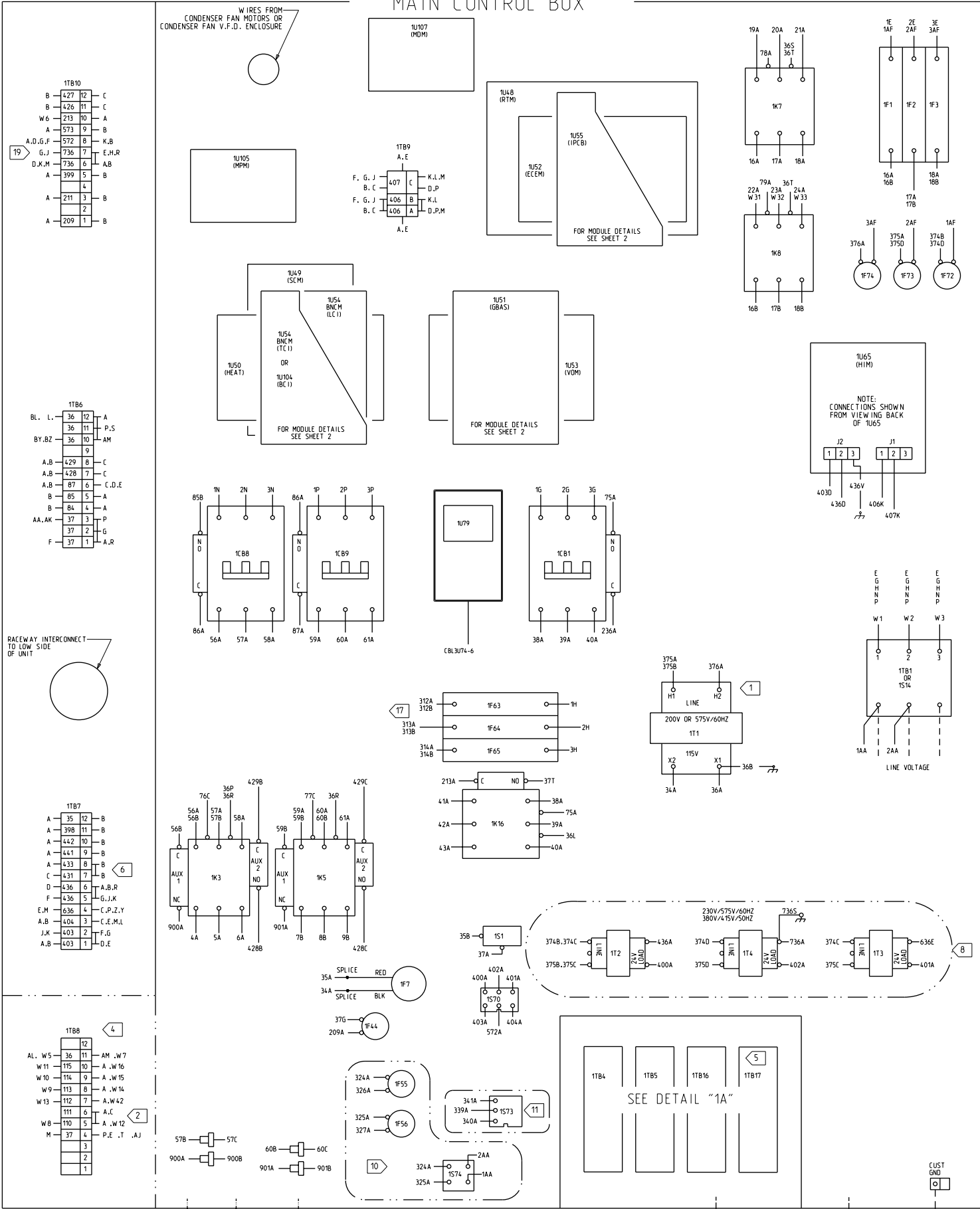


MAIN CONTROL BOX



NOTES:

- 200V/60HZ OR 575V/60HZ TRANSFORMER (1T1) SHOWN. SEE DETAIL "B" FOR OTHER VOLTAGE CONNECTIONS.
- JUMPER (1T1B8-5 & 1T1B8-6) REQUIRED ONLY ON UNITS WITH 2-STAGE NATURAL GAS HEAT OR ELECTRIC HEAT OPTION.
- 1T1B8 AND ASSOCIATED WIRING REQUIRED WITH ALL HEATING OPTIONS.
- 1T1B7 AND ASSOCIATED WIRING REQUIRED WITH OPTIONAL GBAS (1U51).
- WHEN HIGH DUCT TEMP T-STAT (3S16 - 3S17) 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.
- 1F55, 1F56, 1S74 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.
- WIRES 736J, 736G & 572F USED WITH RETURN FAN OPTION ONLY.

8.5 X 11 METAL PLATE

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

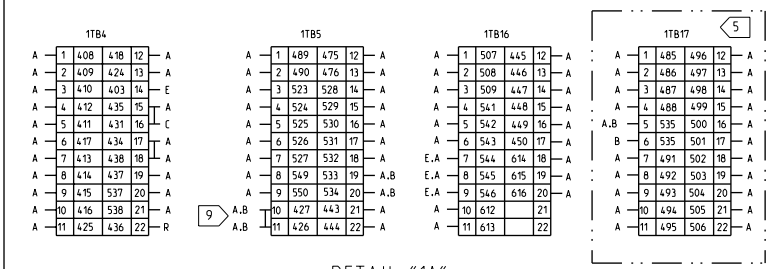
WIRES FROM COMP. WINDING T-STATS,
SATURATED COND. TEMP. SENSORS,
HIGH & LOW PRESSURE CUTOUPS AND
COMP. PROTECTION SWITCHES

WIRES FROM COMPRESSOR "1B"

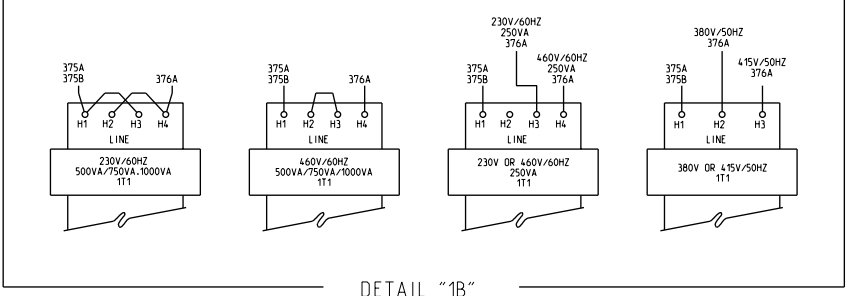
WIRES FROM COMPRESSOR "1A"

CUSTOMER CONTROL
WIRE ENTRY

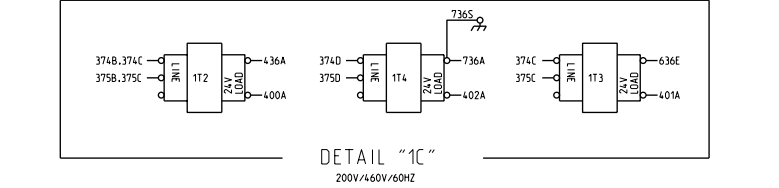
CUSTOMER POWER
WIRE POWER



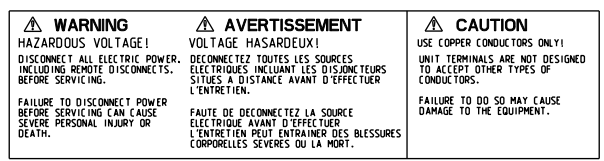
DETAIL "1A"



DETAIL "1B"



DETAIL "1C"



TRANS.	FILE NUMBER	DRAWING NUMBER	SHEET	REV
2307-3985	2307-4610	10F-3	C	
ROOF TOP PACKAGED AIR CONDITIONER				
CONNECTION WIRING DIAGRAM				
CONTROL BOX AREA 1				
30 TON 5-HF				
W / EXH/RTN FAN VARIABLE FREQUENCY DRIVE				
DRAWN BY:	T. DEPIEST	DATE:	08/10/00	
REVISIONS:	DATE:	22-01-08		
APPROVED BY:	DATE:	2307-3983		