

21 WIRING SHOWN IS FOR HOOKUP WITHOUT COMM. BOARD
HOOK PPF14(VAV) OR PPF13(CV) TO RTRM J4.
FOR OPTL. COMM. BOARD, HOOK PPF14 OR PPF13 TO
COMM J2, P14 TO RTRM J4 AND P21 TO COMM J1.
(SEE INSET A FOR WIRE NUMBERS.)

24 REQUIRED FOR OPT. REFERENCE ENTHALPY CONTROL.

25 REQUIRED FOR OPT. COMPARATIVE ENTHALPY CONTROL.

26 WIRES 174A REQUIRED ONLY FOR TC (COOLING/NO HEAT) UNITS. WIRES 67B, 65E & 64D REQUIRED ONLY FOR TE (COOLING/ELECTRIC HEAT) UNITS.

28 REQUIRED FOR OPTIONAL POWER EXHAUST.

29 OPTIONAL CLOGGED FILTER SWITCH.

30 REQUIRED FOR OPTIONAL VAV.

31 REQUIRED FOR OPTIONAL VFD.

32 SEE APPLICABLE VARIABLE FREQUENCY DRIVE DIAGRAM FOR
BALANCE OF CIRCUIT.

33 PLUG(S) LOCATED IN MAIN CONTROL PANEL

34 WIRES REQUIRED ONLY FOR V.F.D. WITH BYPASS OPTION.

35 WIRES 154A & 155A (P34) REQUIRED FOR VAV W/ IGV OPTION.
WIRES 154B & 155B (P35) REQUIRED FOR VAV W/ VFD OPTION.

37 REQUIRED FOR OPTIONAL 100% POWER EXHAUST

38 REQUIRED FOR OPTIONAL FRESH AIR TRACKING EXHAUST

HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER
INCLUDING REMOTE DISCONNECTS
BEFORE SERVICING.

SEVERE PERSONAL INJURY OR DEATH.
AVERTISSEMENT
VOLTAGE HASARDEUX!

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 ENTRAINER DES
BLESSURES CORPORELLES SEVERES
OU LA MORT.

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.

FUSE REPLACEMENT TABLE			
FU1			
FU2	380-415V	CLASS CC	20 AMP
	460-575V	CLASS CC	15 AMP
FU3			
FU4	380-415V	N/A	N/A
	460-575V	N/A	N/A
FU5			
FU6	380-415V	CLASS CC	7.5 AMP
FU30	460-575V	CLASS CC	7.5 AMP
FU20			
FU21	460-575V	CLASS CC	5 AMP
FU11-			
FU19	380-575V	TYPE RK5	60 AMP

INSET A
COMM BOARD CONNECTIONS

21

COMM

J1 1 2 3 4
P21 1 2 3 4

40A 39A 38A

P14 1 2 3 4 5
J4 1 2 3 4 5

RTRM

RTAM

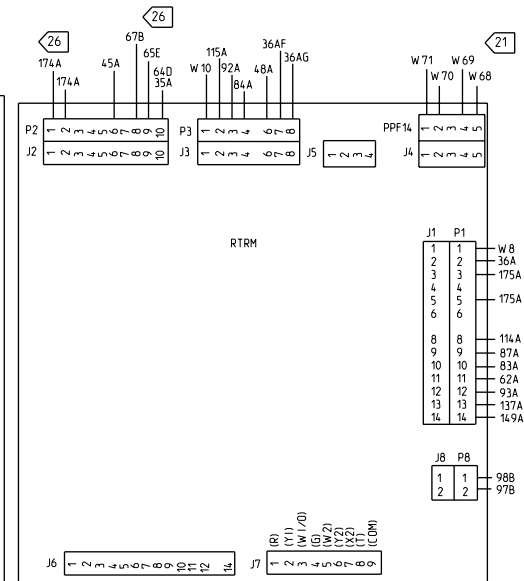
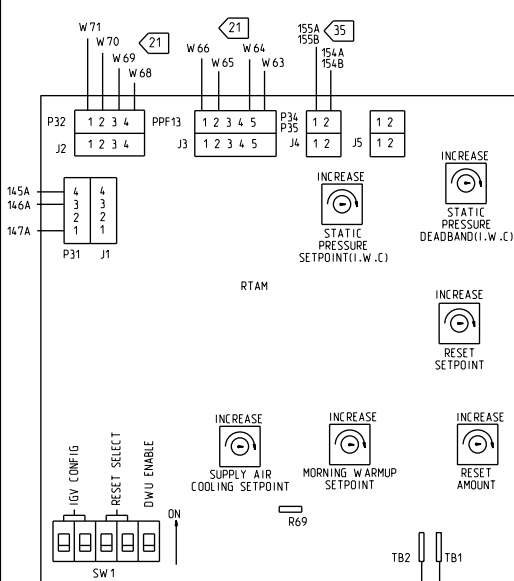
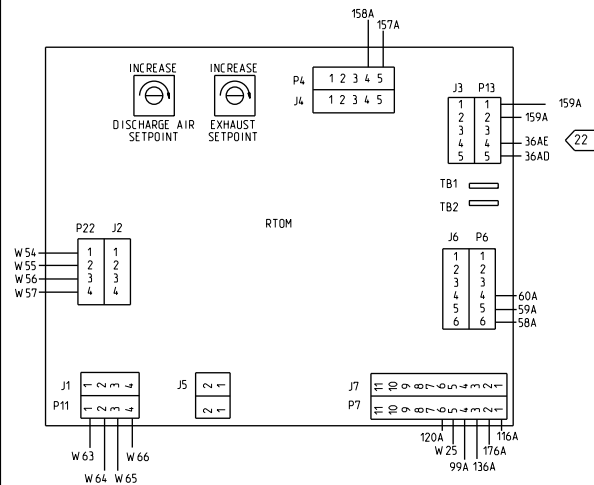
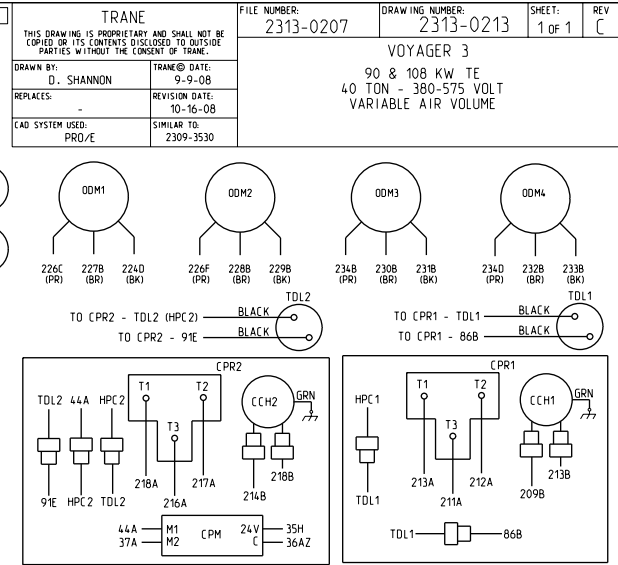
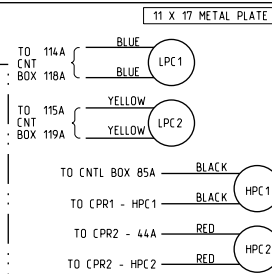
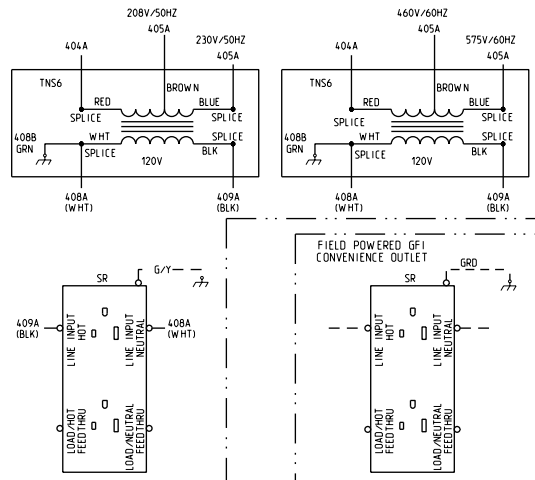
J2 1 2 3 4
P32 1 2 3 4

W 70 W 69
W 71 W 68

PPF14 1 2 3 4 5
J2 1 2 3 4 5

COMM BOARD

FACTORY POWERED GFI CONVENIENCE OUTLET



90 KW HEAT

