

NOTES:

- 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.)
- 22 WIRE 36AE IS NOT USED FOR THE TC/TE.420 OR TC/TE.600.
- 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

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 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.

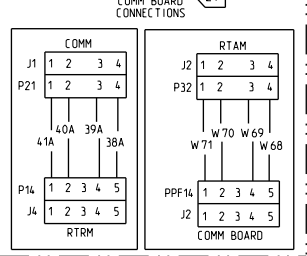
IMPORTANT!

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

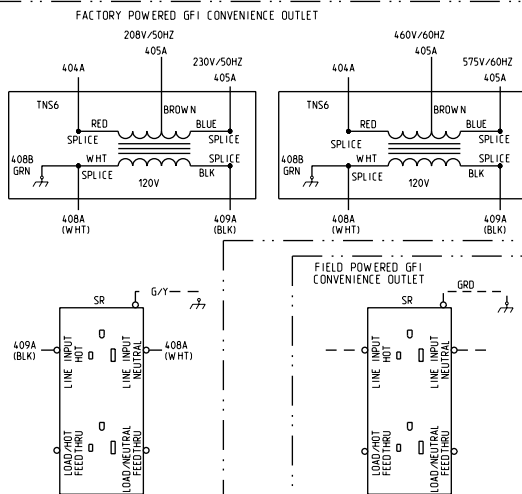
FUSE REPLACEMENT TABLE			
FU1	208-230V	CLASS CC	20 AMP
FU2			
FU3	208-230V	CLASS CC	20 AMP
FU4			
FU5	208-230V	CLASS CC	15 AMP
FU6			
FU30			
FU20	208-230V	CLASS CC	10 AMP
FU21			
FU11- FU19	208-230V	TYPE RKS	60 AMP

INSET A

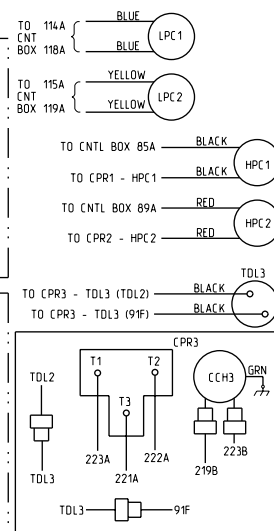
COMM BOARD CONNECTIONS



CONDENSER SECTION WIRING



11 X 17 METAL PLATE



TRANE

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DRAWN BY: D. SHANNON

TRANE DATE: 9-9-08

REPLACES: -

REVISION DATE: 10-16-08

CAD SYSTEM USED: PRO/E

SIMILAR TO: 2309-3533

FILE NUMBER: 2313-0207

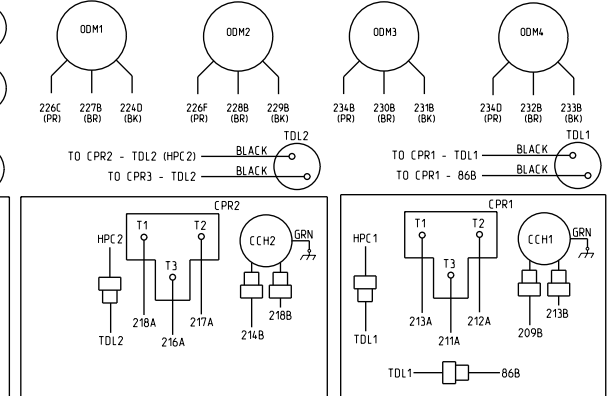
DRAWING NUMBER: 2313-0220

SHEET: 1 OF 1

REV: C

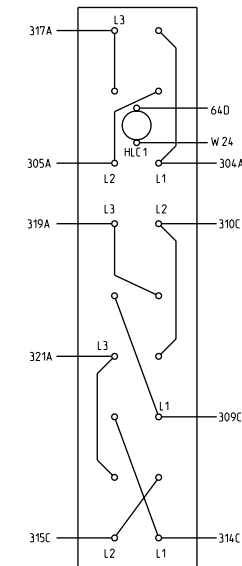
VOYAGER 3

54KW TE & TC
50 TON - 208-230 VOLT
VARIABLE AIR VOLUME

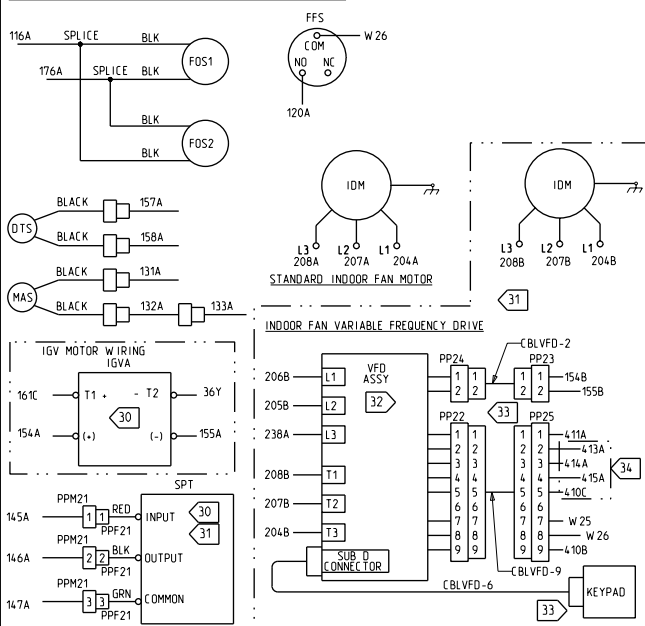


HEAT SECTION WIRING

54 KW HEAT



SUPPLY AIR SECTION WIRING



RETURN AIR SECTION WIRING

