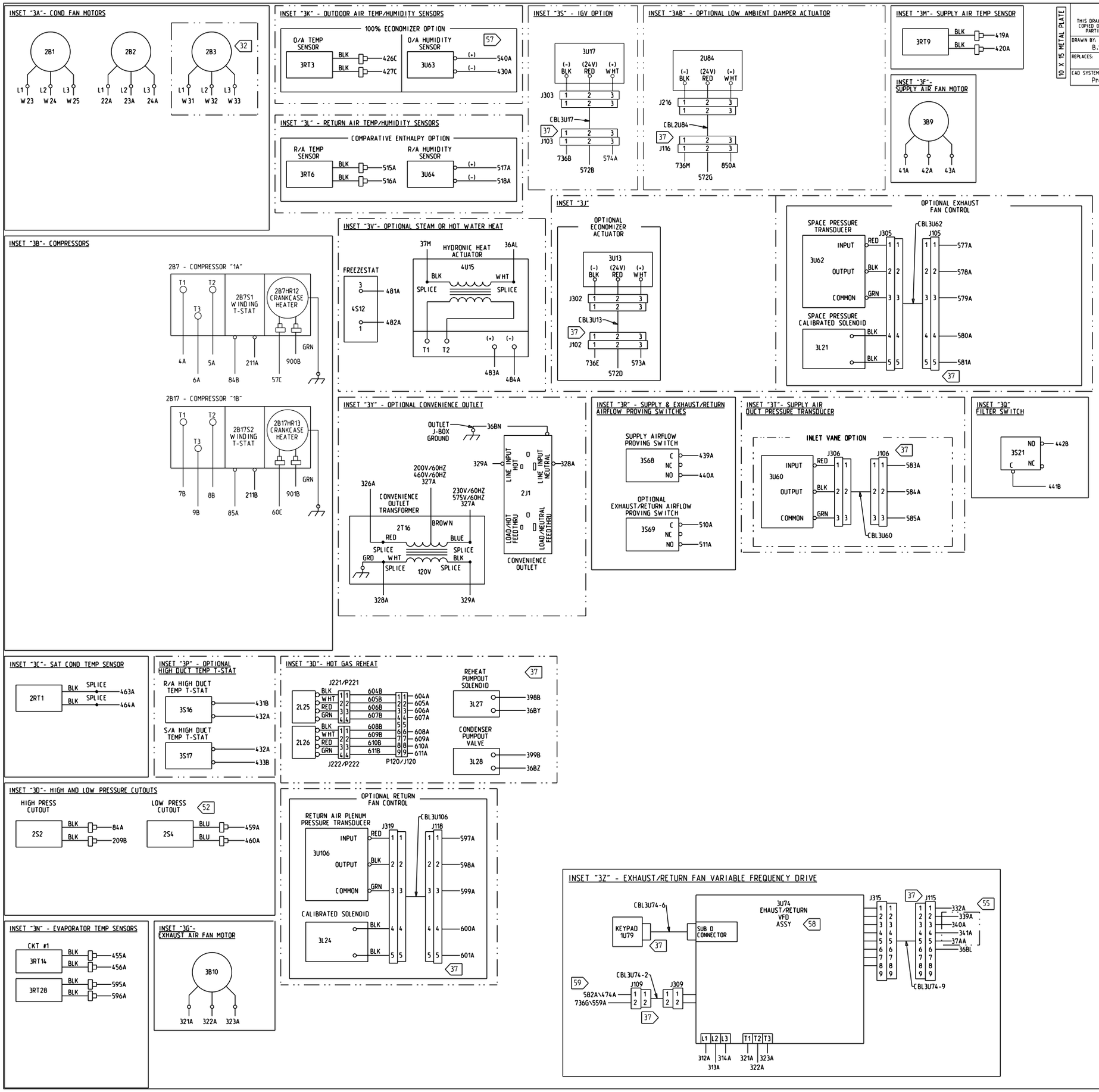
TRANE	FILE NUMBER: 2309-3093	DRAWING NUMBER: 2309-3045	SHEET: 3 OF 3	REV C
THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE.	DRAWN BY: B.SMALLING	TRANE® DATE: 07/15/2001	ROOFTOP PACKAGED AIR CONDITIONER CONNECTION WIRING DIAGRAM RACEWAY WIRE DEVICES - AREAS 2 - 3 - 4 20 - 30 TON S_HF W/ EXH/RTN FAN VARIABLE FREQUENCY DRIVE	
	REPLACES:	REVISION DATE: 30-Apr-08		
	CAD SYSTEM USED: Pro/DETAIL	SIMILAR TO: 2307-4622		

10 X 15 METAL PLATE



NOTES:

32 2B3 AND ASSOCIATED WIRING USED ON 25 & 30 TON UNIT ONLY.

37 PLUG(S) LOCATED IN MAIN CONTROL PANEL.

52 2S4 IS A LOW PRESSURE CUTOUT SWITCHES USED FOR COMPRESSOR PROTECTION (7 PSIG). CAUTION !! DO NOT JUMPER ACROSS SWITCH UNDER ANY CIRCUMSTANCE.

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

57 3U63 AND ASSOCIATED WIRING USED ON REFERENCE ENTHALPY AND COMPARATIVE ENTHALPY OPTIONS.

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

59 WIRES 582A & 736G ARE FOR RETURN FAN OPTION ONLY. WIRES 559A & 474A ARE FOR EXHAUST FAN OPTION ONLY

DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	INSIDE UNIT CONTROL BOX
2	CONDENSER SECTION
3	AIR HANDLER SECTION
4	HEATING SECTION
5	EXTERNAL FIELD MOUNTED DEVICE

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 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.