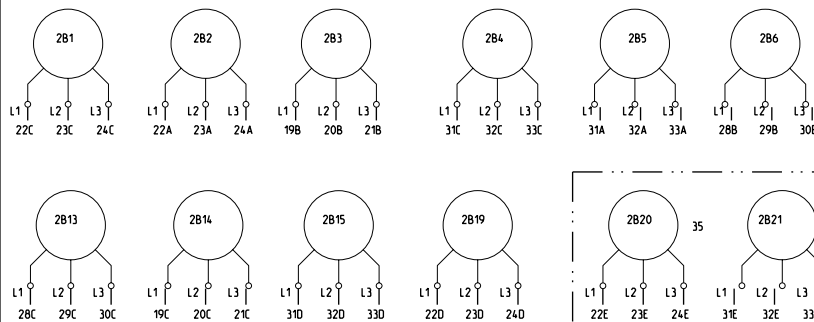
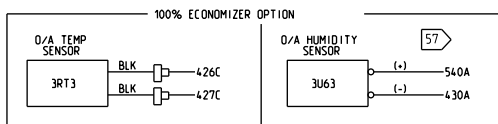


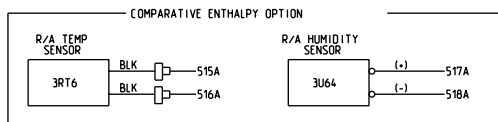
INSET "3A"- COND FAN MOTORS



INSET "3K" - OUTDOOR AIR TEMP/HUMIDITY SENSORS



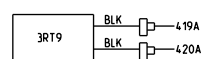
INSET "3L" - RETURN AIR TEMP/HUMIDITY SENSORS



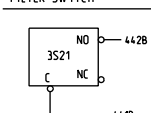
DEVICE PREFIX LOCATION CODE

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

INSET "3M"- SUPPLY AIR TEMP SENSOR



INSET "3O" FILTER SWITCH



TRANE

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
REPLACES:
CAD SYSTEM USED:

TRANE@ DATE: 07/15/2001
REVISION DATE:

FILE NUMBER: 2313-0093
DRAWING NUMBER: 2309-3086
SHEET: 3 OF 3
REV: C

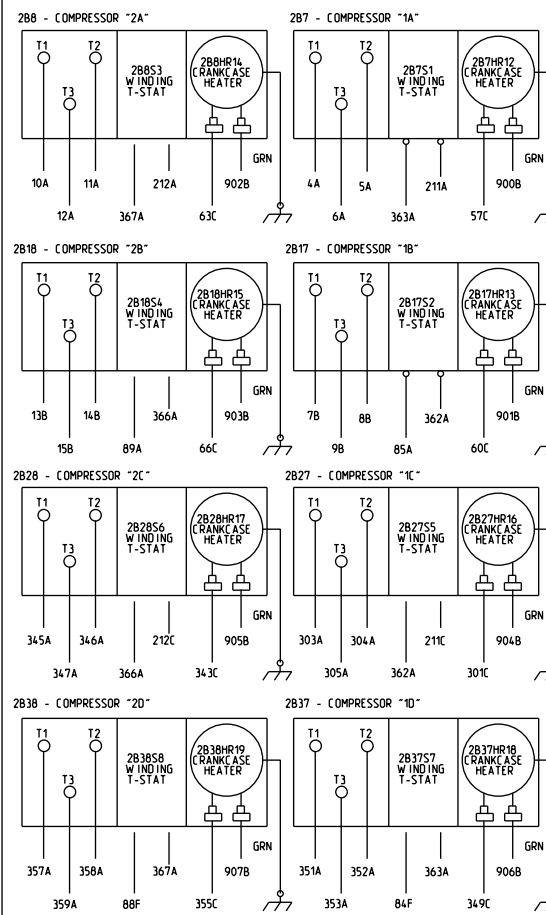
ROOFTOP PACKAGED AIR CONDITIONER

CONNECTION WIRING DIAGRAM
RACEWAY WIRE DEVICES - AREAS 2 - 3 - 4
W/ SUPPLY AND EXHAUST FAN VARIABLE FREQUENCY DRIVES
115 - 130 TON S.H.G.

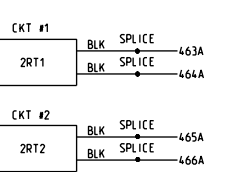
NOTES:

- 35 2B20, 2B21 AND ASSOCIATED WIRING USED ON 130 TON UNITS ONLY.
- 37 PLUG(S) LOCATED IN MAIN CONTROL PANEL.
- 52 2S4, 2S5 ARE 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.
- 56 WIRES 213B, 37AD REQUIRED ONLY ON UNITS WITH GAS OR ELECTRIC HEAT.
- 57 3U63 AND ASSOCIATED WIRING USED ON REFERENCE ENTHALPY AND COMPARATIVE ENTHALPY OPTIONS.
- 58 SEE APPLICABLE VARIABLE FREQUENCY DRIVE DIAGRAM FOR BALANCE OF CIRCUIT.

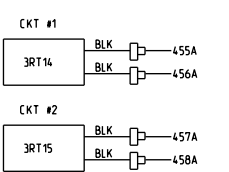
INSET "3B"- COMPRESSORS



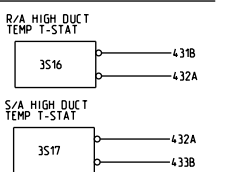
INSET "3C"- SAT COND TEMP SENSORS



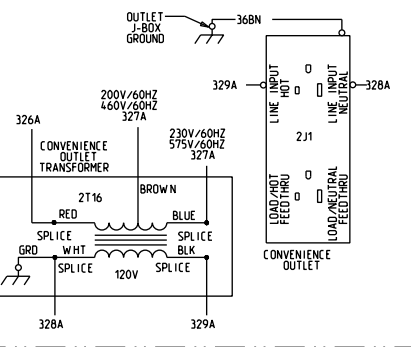
INSET "3N"- EVAPORATOR TEMP SENSORS



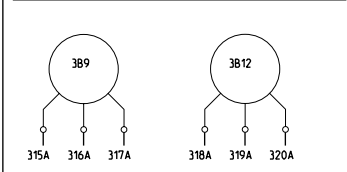
INSET "3P" - OPTIONAL HIGH DUCT TEMP T-STAT



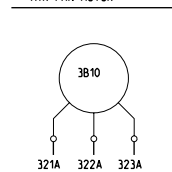
INSET "3Y" - OPTIONAL CONVENIENCE OUTLET



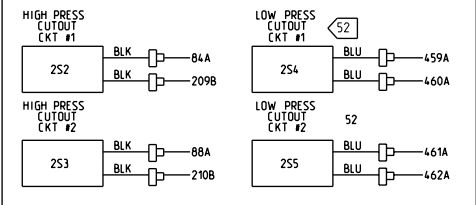
INSET "3F"- SUPPLY AIR FAN MOTORS



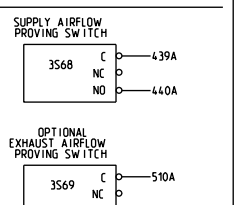
INSET "3G"- EXHAUST AIR FAN MOTOR



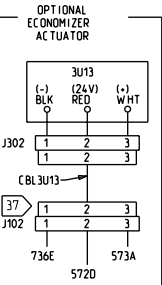
INSET "3D"- HIGH AND LOW PRESSURE CUTOUTS



INSET "3R"- SUPPLY EXHAUST AIRFLOW PROVING SWITCHES



INSET "3J" OPTIONAL ECONOMIZER ACTUATOR



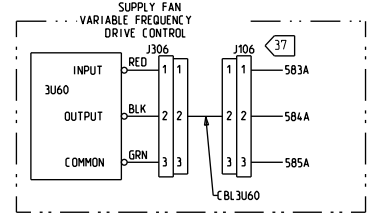
WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

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.

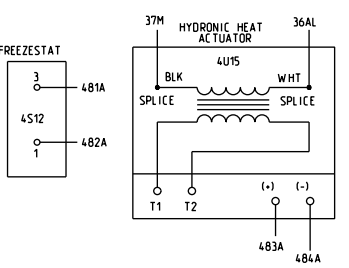
CAUTION
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

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

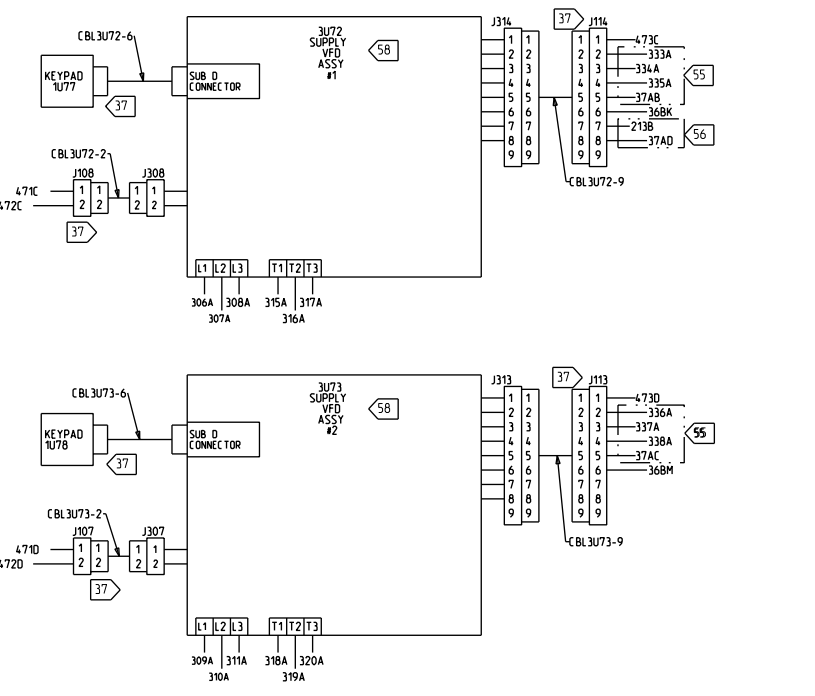
INSET "3I"- SUPPLY AIR DUCT PRESSURE TRANSDUCER



INSET "3V"- OPTIONAL STEAM OR HOT WATER HEAT



INSET "3AA" - SUPPLY FAN VARIABLE FREQUENCY DRIVES



INSET "3Z" - EXHAUST FAN VARIABLE FREQUENCY DRIVE

