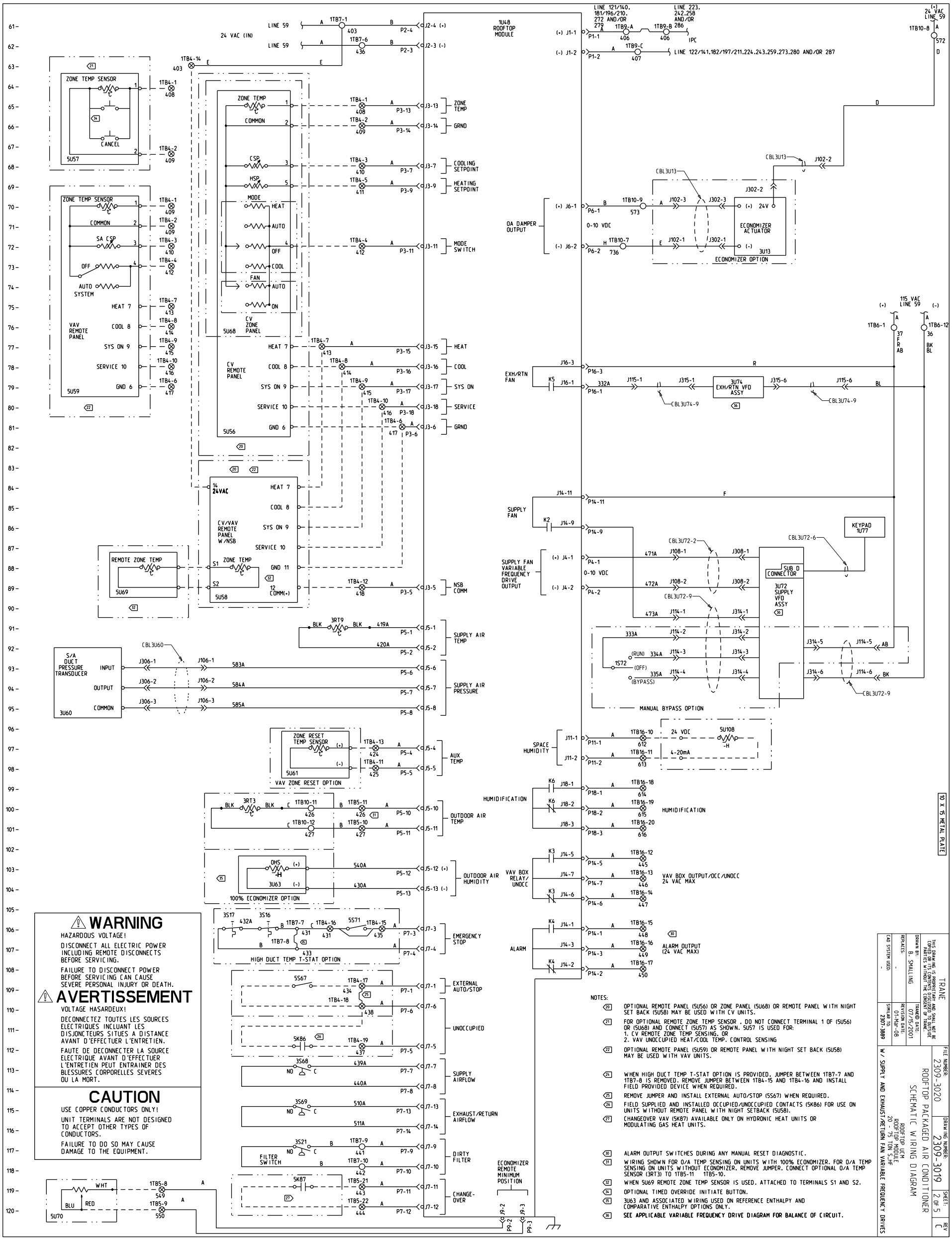

⚠ WARNING

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.

NOTES:

20. OPTIONAL REMOTE PANEL (5U56) OR ZONE PANEL (5U68) OR REMOTE PANEL WITH NIGHT SET BACK (5U58) MAY BE USED WITH CV UNITS.
21. FOR OPTIONAL REMOTE ZONE TEMP SENSOR , DO NOT CONNECT TERMINAL 1 OF (5U56) OR (5U68) AND CONNECT (5U57) AS SHOWN. 5U57 IS USED FOR:
    1. CV REMOTE ZONE TEMP SENSING, OR
    2. VAV UNOCCUPIED HEAT/COOL TEMP. CONTROL SENSING
22. OPTIONAL REMOTE PANEL (5U59) OR REMOTE PANEL WITH NIGHT SET BACK (5U58) MAY BE USED WITH VAV UNITS.
24. WHEN HIGH DUCT TEMP T-STAT OPTION IS PROVIDED, JUMPER BETWEEN 1TB7-7 AND 1TB7-8 IS REMOVED. REMOVE JUMPER BETWEEN 1TB4-15 AND 1TB4-16 AND INSTALL FIELD PROVIDED DEVICE WHEN REQUIRED.
25. REMOVE JUMPER AND INSTALL EXTERNAL AUTO/STOP (5S67) WHEN REQUIRED.
26. FIELD SUPPLIED AND INSTALLED OCCUPIED/UNOCCUPIED CONTACTS (5K86) FOR USE ON UNITS WITHOUT REMOTE PANEL WITH NIGHT SETBACK (5U58).
27. CHANGEOVER VAV (5K87) AVAILABLE ONLY ON HYDRONIC HEAT UNITS OR MODULATING GAS HEAT UNITS.
30. ALARM OUTPUT SWITCHES DURING ANY MANUAL RESET DIAGNOSTIC.
31. WIRING SHOWN FOR O/A TEMP SENSING ON UNITS WITH 100% ECONOMIZER. FOR O/A TEMP SENSING ON UNITS WITHOUT ECONOMIZER, REMOVE JUMPER. CONNECT OPTIONAL O/A TEMP SENSOR (3RT3) TO 1TB5-11 1TB5-10.
32. WHEN 5U69 REMOTE ZONE TEMP SENSOR IS USED. ATTACHED TO TERMINALS S1 AND S2.
34. OPTIONAL TIMED OVERRIDE INITIATE BUTTON.
35. 3U63 AND ASSOCIATED WIRING USED ON REFERENCE ENTHALPY AND COMPARATIVE ENTHALPY OPTIONS ONLY.
36. SEE APPLICABLE VARIABLE FREQUENCY DRIVE DIAGRAM FOR BALANCE OF CIRCUIT.

10 X 15 METAL PLATE

THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE.

TRANE

DRAWN BY: B. SMALLING	TRANE® DATE: 07/15/2001
REPLACES: -	REVISION DATE: 01-Mar-08
CAD SYSTEM USED: -	SIMILAR TO: 2307-3889

FILE NUMBER: 2309-3020

DRAWING NUMBER: 2309-3019

SHEET: 2 OF 5

REV: C

ROOFTOP PACKAGED AIR CONDITIONER

SCHEMATIC WIRING DIAGRAM

ROOFTOP UCM
ROOFTOP MODULE
20 - 75 TON S_HF

W/ SUPPLY AND EXHAUST/RETURN FAN VARIABLE FREQUENCY DRIVES