NOTICE

USE COPPER CONDUCTORS ONLY! UNAUTHORIZED USE OF ALUMINUM OR OTHER TYPES OF CONDUCTORS MAY BE HAZARDOUS.

FAILURE TO DO THE ABOVE COULD RESULT IN EQUIPMENT DAMAGE.

AVIS

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE! LES BORNES DE L'UNITE NE SONT PAS CONÇUES POUR ACCEPTER D'AUTRES TYPES DE CONDUCTEURS. LE FAIRE DEFAUT À LA PROCEDURE CI-DESSUS PEUT ENTRAINER DES DOMMAGES À L'EQUIPEMENT.

AVISO

¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE! LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES. EL USO DE ALUMINIO U OTROS CONDUCTORES PUEDE PROVOCAR DAÑOS EN EL EQUIPO.

⚠ WARNING

HAZARDOUS VOLTAGE!

DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT/TAG OUT PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED ENERGY. REFER TO UNIT WITH VARIABLE SPEED DRIVE SERVICE INSTRUCTIONS FOR CAPACITOR DISCHARGE.

FAILURE TO DO THE ABOVE BEFORE SERVICING COULD RESULT IN DEATH OR SERIOUS INJURY.

⚠ AVERTISSEMENT

TENSION DANGEREUSE!

COUPER TOUTES LES TENSIONS ET TÉLÉCOMMANDES À DISTANCE, PUIS SUIVRE LES PROCÉDURES DE VERROUILLAGE ET DES ÉTIQUETTES AVANT TOUTE INTERVENTION. VÉRIFIER QUE TOUS LES CONDENSATEURS À MOTEURS À VITESSE VARIABLE SONT DÉCHARGÉS. SE REPORTER AUX INSTRUCTIONS DE L'ENTRAINEMENT POUR COMPORTANT DES ENTRAINEMENTS À VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAINEMENT POUR LES INSTRUCTIONS DE DÉCHARGE DU CONDENSATEUR.

NE PAS RESPECTER CES MESURES DE PRÉCAUTION PEUT ENTRAINER DES BLESSURES GRAVES POUVANT ÊTRE MORTELLES.

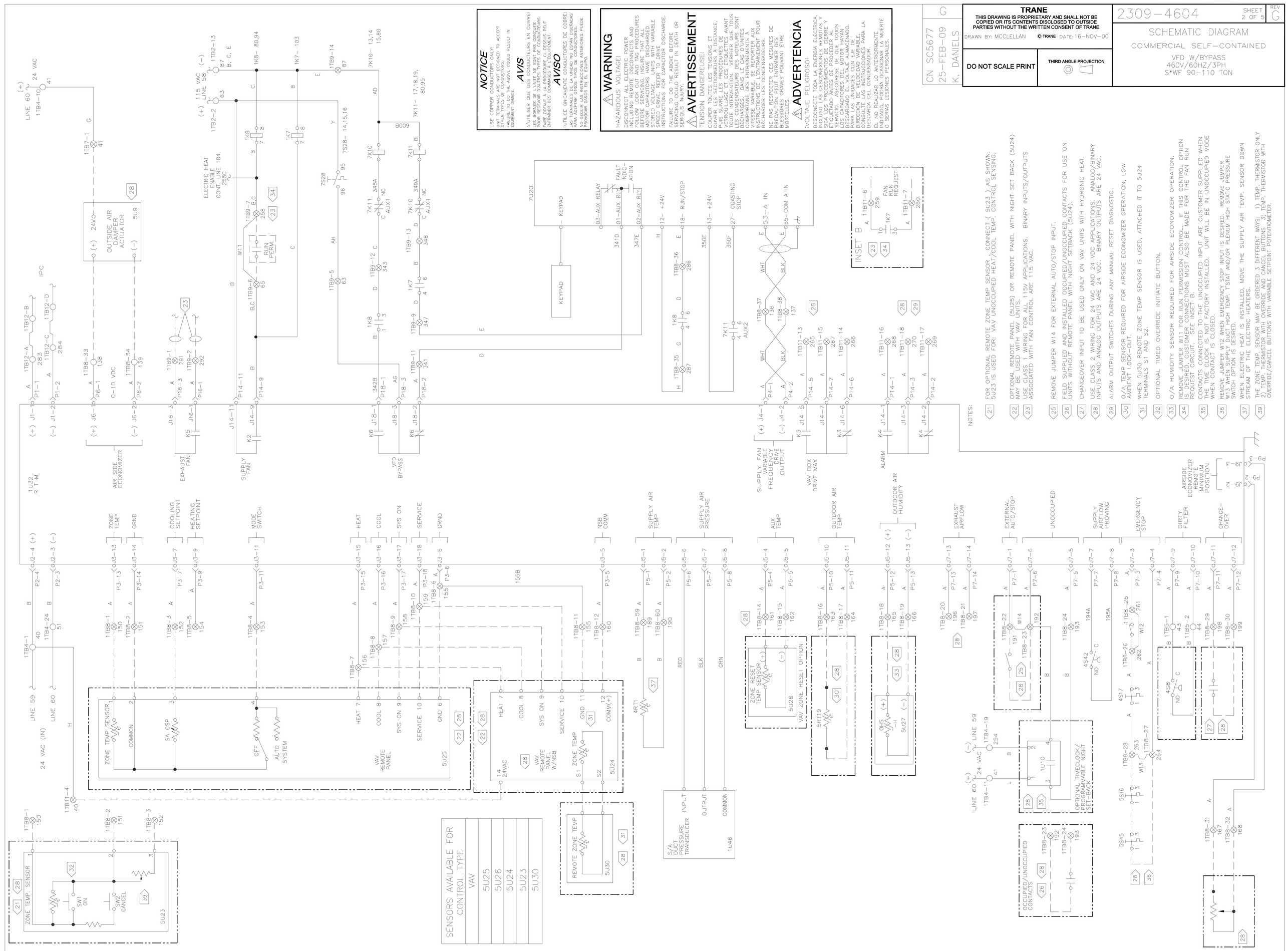
⚠ ADVERTENCIA

¡VOLTAJE PELIGROSO!

DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUYENDO LAS DESCONEXIONES REMOTAS, Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGÚRESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO LA ENERGÍA ALMACENADA. PARA LAS UNIDADES CON EJE DE DIRECCIÓN DE VELOCIDAD VARIABLE, CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR.

EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODRÍA OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.

G	**TRANE** THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF TRANE	2309-4604 SHEET 2 OF 5 REV G
CN SC5677	DRAWN BY: MCCLELLAN © TRANE DATE: 16-NOV-00	SCHEMATIC DIAGRAM
25-FEB-09	DO NOT SCALE PRINT / THIRD ANGLE PROJECTION	COMMERCIAL SELF-CONTAINED
K. DANIELS		VFD W/BYPASS 460V/60HZ/3PH S*WF 90-110 TON



NOTES:

21 FOR OPTIONAL REMOTE ZONE TEMP SENSOR, CONNECT (5U23) AS SHOWN. 5U23 IS USED FOR: VAV UNOCCUPIED HEAT/COOL TEMP. CONTROL SENSING.

22 OPTIONAL REMOTE PANEL (5U25) OR REMOTE PANEL WITH NIGHT SET BACK (5U24) MAY BE USED WITH VAV UNITS.

23 USE CLASS 1 WIRING FOR ALL 115V APPLICATIONS. BINARY INPUTS/OUTPUTS ASSOCIATED WITH FAN CONTROL ARE 115 VAC.

25 REMOVE JUMPER W14 FOR EXTERNAL AUTO/STOP INPUT.

26 FIELD SUPPLIED AND INSTALLED OCCUPIED/UNOCCUPIED CONTACTS FOR USE ON UNITS WITHOUT REMOTE PANEL WITH NIGHT SETBACK (5U24).

27 CHANGEOVER INPUT TO BE USED ONLY ON VAV UNITS WITH HYDRONIC HEAT.

28 USE CLASS 2 WIRING FOR 24 VAC AND 24 VDC APPLICATIONS. ANALOG/BINARY INPUTS AND ANALOG OUTPUTS ARE 24 VDC. BINARY OUTPUTS ARE 24 VAC.

29 ALARM OUTPUT SWITCHES DURING ANY MANUAL RESET DIAGNOSTIC.

30 O/A TEMP SENSOR REQUIRED FOR AIRSIDE ECONOMIZER OPERATION, LOW AMBIENT LOCK-OUT.

31 WHEN 5U30 REMOTE ZONE TEMP SENSOR IS USED, ATTACHED IT TO 5U24 TERMINALS S1 AND S2.

32 OPTIONAL TIMED OVERRIDE INITIATE BUTTON.

33 O/A HUMIDITY SENSOR REQUIRED FOR AIRSIDE ECONOMIZER OPERATION.

34 REMOVE JUMPER W11 FOR RUN PERMISSION CONTROL. IF THIS CONTROL OPTION IS DESIRED, CUSTOMER CONNECTIONS MUST ALSO BE MADE FOR THE FAN RUN REQUEST CIRCUIT. SEE INSET B.

35 CONTACTS CONNECTED TO THE UNOCCUPIED INPUT ARE CUSTOMER SUPPLIED WHEN THE TIME CLOCK IS NOT FACTORY INSTALLED. UNIT WILL BE IN UNOCCUPIED MODE WHEN CONTACT IS CLOSED.

36 REMOVE JUMPER W12 WHEN EMERGENCY STOP INPUT IS DESIRED. REMOVE JUMPER W13 WHEN SUPPLY DUCT HIGH TEMP. T'STAT AND/OR PLENUM HIGH STATIC PRESSURE SWITCH OPTION IS DESIRED.

37 WHEN ELECTRIC HEAT IS INSTALLED, MOVE THE SUPPLY AIR TEMP. SENSOR DOWN STREAM OF THE ELECTRIC HEATERS.

39 THE ZONE TEMP. SENSOR MAY BE ORDERED 3 DIFFERENT WAYS: 1) TEMP. THERMISTOR WITH OVERRIDE AND CANCEL BUTTONS 2) TEMP. THERMISTOR WITH OVERRIDE/CANCEL BUTTONS WITH VARIABLE SETPOINT POTENTIOMETER. 3) TEMP. THERMISTOR ONLY