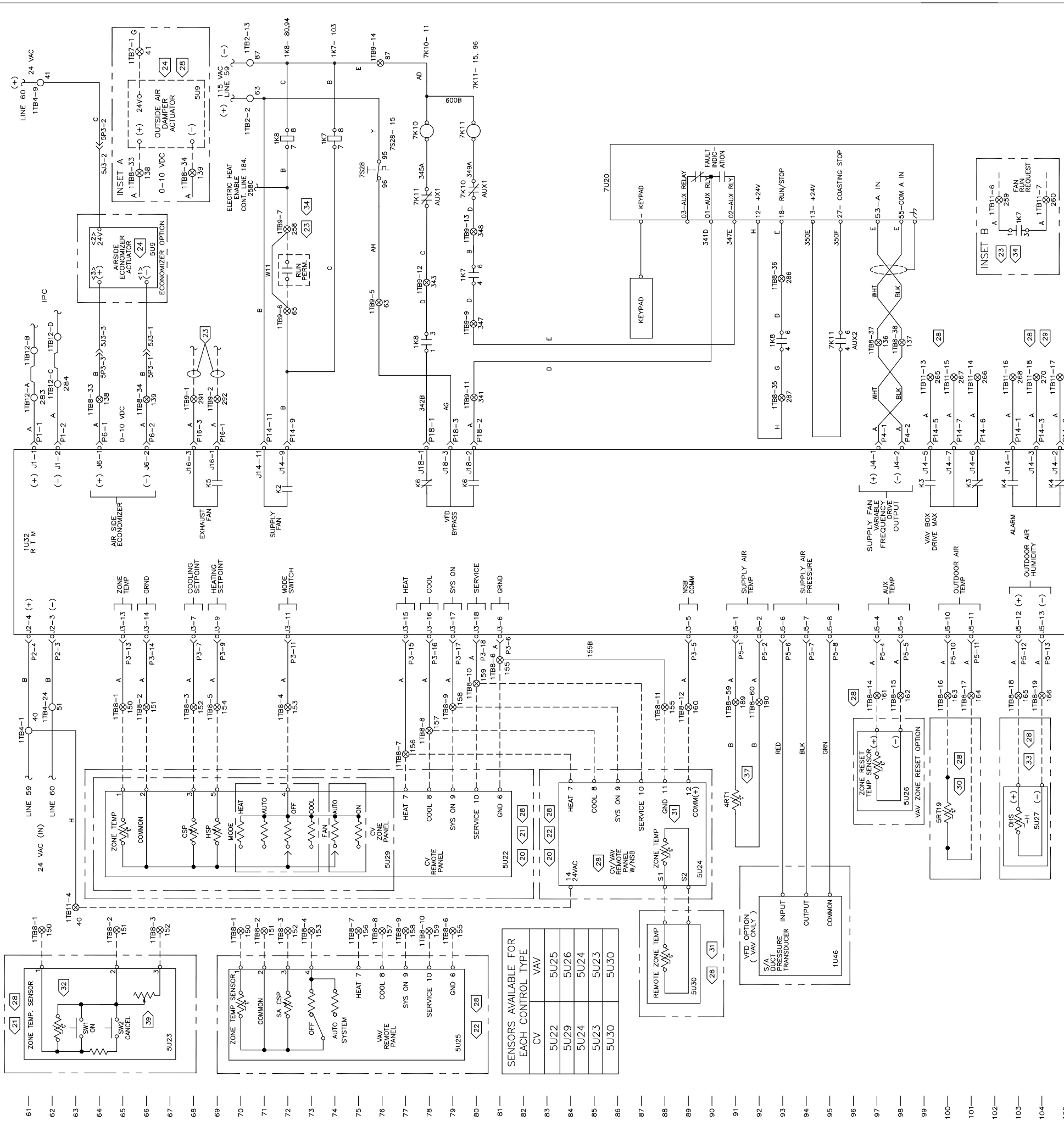




CN SC5677

25-MAR-09

K. DANIELS

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DRAWN BY: M. PETERS © TRANE DATE: 28-JULY-99

DO NOT SCALE PRINT

THIRD ANGLE PROJECTION

2307-8407

SCHEMATIC DIAGRAM

COMMERCIAL SELF CONTAINED

VFD W/ BYPASS
460V/60HZ/3PH
S*WF 85 TON

NOTICE

USE COPPER CONDUCTORS ONLY!
OTHER TYPES OF CONDUCTORS COULD BE USED TO ACCEPT THE ABOVE LOADS. FAILURE TO DO THE ABOVE COULD RESULT IN EQUIPMENT DAMAGE.

AVISO

NUTILISER QUE DES CONDUCTEURS EN CUIVRE!
AUTRES TYPES DE CONDUCTEURS POURRAIENT ÊTRE UTILISÉS POUR RÉCEVOIR D'AUTRES TYPES DE CONDUCTEURS. NE SUIVANT PAS LES INSTRUCTIONS ANTÉRIEURES PEUT PROVOQUER DES DOMMAGES À L'ÉQUIPEMENT.

AVISO

UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!
OTROS TIPOS DE CONDUCTORES PODRÍAN USARSE PARA ACEPTAR OTROS TIPOS DE CONDUCTORES. NO SIGUIENDO LAS INSTRUCCIONES ANTERIORES PUEDE PROVOCAR DAÑOS EN EL EQUIPO.

WARNING

HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH CAPACITORS MUST BE SERVICED TO DRIVE 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 OUVRIR LES SECTIONNEURS À DISTANCE, AVANT DE RÉPARER L'ÉQUIPEMENT. ASSUREZ-VOUS QUE TOUS LES CONDENSATEURS DES MOTEURS SONT DÉCHARGÉS. DANS LE CAS D'UNITÉS AVEC DES CONDENSATEURS, IL FAUT SUIVRE LES INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DÉCHARGER LES CONDENSATEURS. NE PAS RESPECTER CES MESURES DE PRÉCAUTION PEUT ENTRAÎNER DES BLESSURES GRAVES POUVANT ÊTRE MORTELLES.

ADVERTENCIA

¡VOLTAJE PELIGROSO!
DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUIDO LAS DESCONEXIONES REMOTAS Y LOS INTERRUPTORES DE EMERGENCIA, ANTES DE REPARAR EL EQUIPO. ASEGÚRESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. EN LAS UNIDADES CON CAPACITORES, SE DEBE SEGUIR LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR. EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODRÍA OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.

NOTES:

20

OPTIONAL REMOTE PANEL (5U22) OR ZONE PANEL (5U29) OR REMOTE PANEL WITH NIGHT SET BACK (5U24) MAY BE USED WITH CV UNITS.

21

FOR OPTIONAL REMOTE ZONE TEMP SENSOR, DO NOT CONNECT TERMINAL 1 OF 5U22 REMOTE ZONE TEMP SENSING UNIT.

22

2. VAV UNOCCUPIED HEAT/COOL TEMP. CONTROL SENSING

23

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

24

USE CLASS 2 WIRING FOR ALL 115V APPLICATIONS. BINARY INPUTS/OUTPUTS DAMPER IS REQUIRED.

25

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.

26

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

27

OPTIONAL TIMED OVERRIDE INITIATE BUTTON.

28

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.

29

CONTACTS CONNECTED TO THE UNOCCUPIED INPUT ARE CUSTOMER SUPPLIED WHEN WHEN 'CONTACT' IS CLOSED.

30

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.

31

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32

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37

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