

(-) 24 VAC
LINE 58
1TB4-10 41

1TB12-A 1TB12-B
P1-1 283 IPC
1TB12-C 1TB12-D
P1-2 284

(+) J1-1P
P1-1 283
(-) J1-2P
P1-2 284

1TB4-1 1TB4-2
LINE 59 40
LINE 60 51

1TB11-4 1TB8-1
40 150
1TB8-2 1TB8-3
151 152

ZONE TEMP. SENSOR
1 2 3
SW1 ON
SW2 CANCEL
5U23

1TB8-1 1TB8-2 1TB8-3
150 151 152

OUTSIDE AIR
DAUPEP
ACTUATOR
24V (+) 24V (-) 5U9

1TB8-33 1TB8-34
P6-1 138 P6-2 139

1TB8-1 1TB8-2 1TB8-3
150 151 152

1TB8-4 1TB8-5 1TB8-6
153 154 155

1TB8-7 1TB8-8 1TB8-9
156 157 158

1TB8-10 1TB8-11 1TB8-12
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1TB8-13 1TB8-14 1TB8-15
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1TB8-16 1TB8-17 1TB8-18
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1TB8-19 1TB8-20 1TB8-21
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1TB8-22 1TB8-23 1TB8-24
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1TB8-25 1TB8-26 1TB8-27
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1TB8-28 1TB8-29 1TB8-30
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1TB8-34 1TB8-35 1TB8-36
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1TB8-40 1TB8-41 1TB8-42
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1TB8-43 1TB8-44 1TB8-45
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1TB8-61 1TB8-62 1TB8-63
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1TB8-100 1TB8-101 1TB8-102
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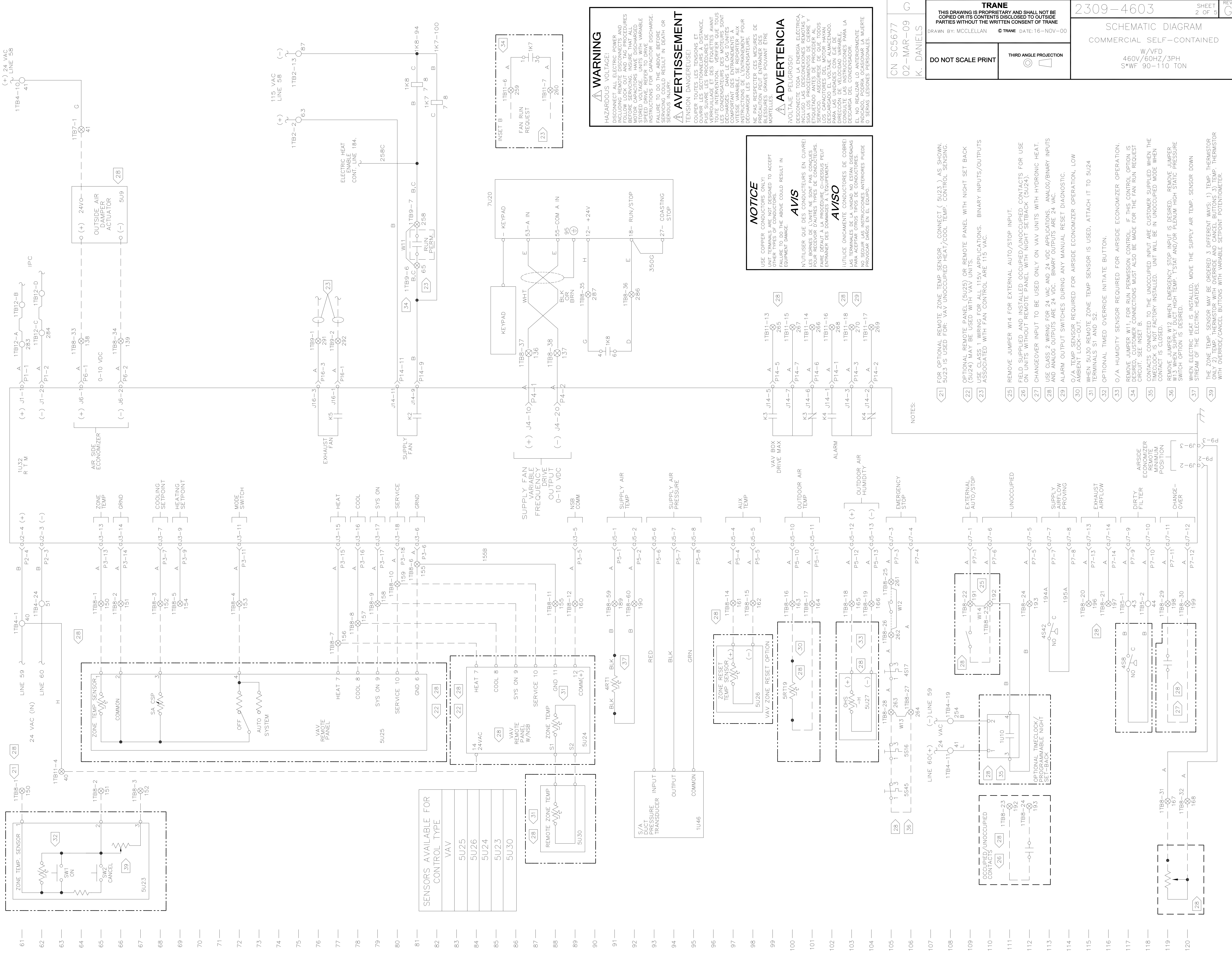
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1TB8-438 1TB8-439 1TB8-440
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WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE WORKING ON THIS SYSTEM. CAPACITORS MAY BE CHARGED. STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE REFER TO DRIVE DISCHARGE. FAILURE TO DO THE ABOVE BEFORE SERVICING COULD RESULT IN DEATH OR SERIOUS INJURY.

AVERTISSEMENT
TENSION DANGEREUSE!
COUPER TOUTES LES TENSIONS ET SUIVRE LES PROCEDURES DE VERROUILLAGE ET DES ETIQUETTES AVANT TOUTE INTERVENTION. VÉRIFIER QUE TOUTES LES CONDENSATEURS SONT DÉCHARGÉS. DANS LE CAS D'UNITÉS COMPORTANT DES ENTRAÎNEMENTS À VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE LA NOTICE POUR DÉCHARGER LES CONDENSATEURS.

ADVERTENCIA
¡VOLTAJE PELIGROSO!
DESCONECTE TODA LA ENERGÍA ELÉCTRICA INCLUIDO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y VERROUILLAJE ANTES DE TRABAJAR EN EL SERVICIO. ASEGÚRESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. EN EL CASO DE UNIDADES CON MOTOR DE VELOCIDAD VARIABLE, CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR.

NOTICE
USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO THE ABOVE COULD RESULT IN EQUIPMENT DAMAGE.

AVIS
N'UTILISER QUE DES CONDUCTEURS EN CUIVRE! LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS. FAIRE DÉFAUT À LA PROCÉDURE CH-DESSUS PEUT ENTRAÎNER DES DOMMAGES À L'ÉQUIPEMENT.

AVISO
¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE! LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES. INCUMPLIR LAS INSTRUCCIONES ANTERIORES PUEDE PROVOCAR DAÑOS EN EL EQUIPO.

CN SC5677 02-MAR-09 K. DANIELS	TRANE THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO ANY OTHER PARTIES WITHOUT THE WRITTEN CONSENT OF TRANE. DRAWN BY: MCCLELLAN DATE: 16-NOV-00	2309-4603 SHEET 2 OF 5 SCHEMATIC DIAGRAM COMMERCIAL SELF-CONTAINED W/VFD 460V/60HZ/3PH 3*WF 90-110 TON
DO NOT SCALE PRINT		THIRD ANGLE PROJECTION

- 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 115V 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, AND ANALOG OUTPUTS ARE 24 VDC. BINARY OUTPUTS ARE 24 VAC.
 - 28 USE CLASS 2 WIRING FOR 24 VAC AND 240 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, ATTACH IT TO 5U24 TERMINALS S1 AND S2.
 - 32 OPTIONAL TIMED OVERRIDE INITI