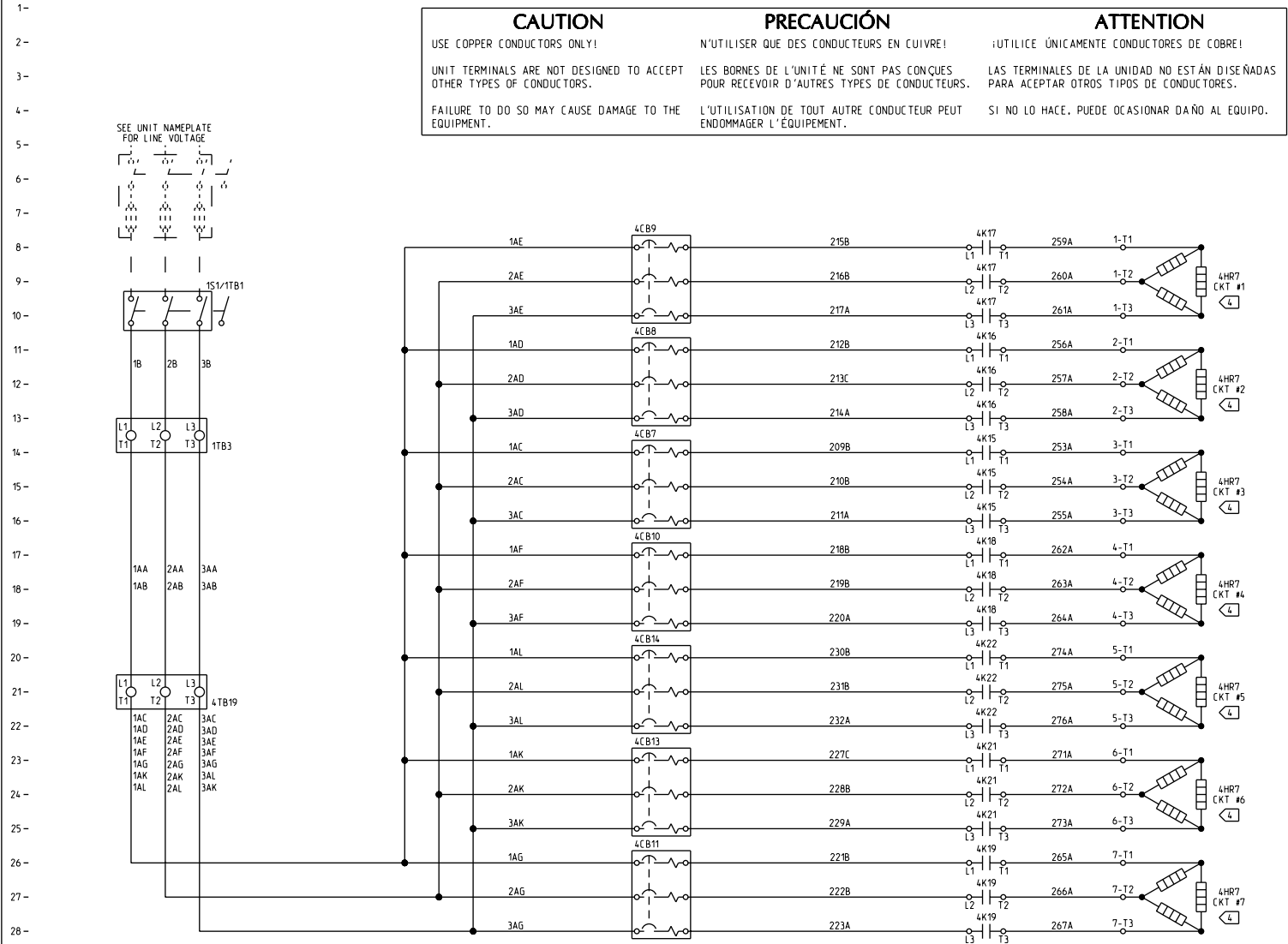
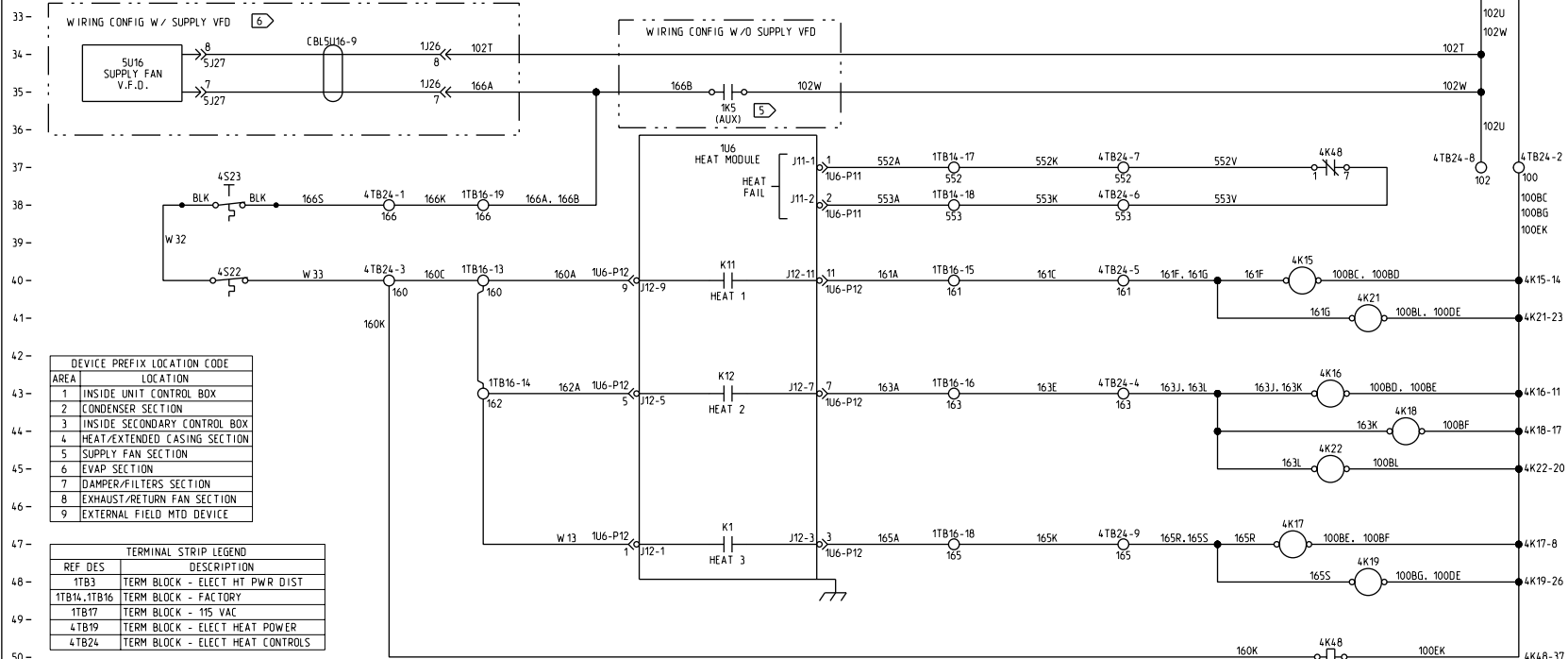




WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE, REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE.
FAILURE 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. PUIS SUIVRE LES PROCÉDURES DE VERROUILLAGE ET DES ÉTIQUETTES AVANT TOUTE INTERVENTION. VÉRIFIER QUE TOUS LES CONDENSATEURS DES MOTEURS SONT DÉCHARGÉS. DANS LE CAS D'UNITÉS COMPORTANT DES ENTRAÎNEMENTS À VITESSE VARIABLE, SE REPORTER AUX 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 SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGÚRESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON VELOCIDAD VARIABLE, CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR.
EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODRÍA OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.



DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	INSIDE UNIT CONTROL BOX
2	CONDENSER SECTION
3	INSIDE SECONDARY CONTROL BOX
4	HEAT/EXTENDED CASING SECTION
5	SUPPLY FAN SECTION
6	EVAP SECTION
7	DAMPER/FILTERS SECTION
8	EXHAUST/RETURN FAN SECTION
9	EXTERNAL FIELD MTD DEVICE

TERMINAL STRIP LEGEND	
REF DES	DESCRIPTION
1TB3	TERM BLOCK - ELECT HT PWR DIST
1TB14, 1TB16	TERM BLOCK - FACTORY
1TB17	TERM BLOCK - 115 VAC
4TB19	TERM BLOCK - ELECT HEAT POWER
4TB24	TERM BLOCK - ELECT HEAT CONTROLS

LEGEND		
DEVICE DESIG	DESCRIPTION	LINE NUMBER
1K5	CONTACTOR - SUPPLY FAN AUX	35
1S1/1TB1	UNIT DISCONN/TERM BLOCK	9
1U6	MODULE - HEAT	37
4CB10	CIRCUIT BREAKER	18
4CB11	CIRCUIT BREAKER	27
4CB13	CIRCUIT BREAKER	24
4CB14	CIRCUIT BREAKER	21
4CB7	CIRCUIT BREAKER	15
4CB8	CIRCUIT BREAKER	12
4CB9	CIRCUIT BREAKER	9
4HR7	HEATER ELEMENT ASSEMBLY	8,11,14,17,20,23,26
4K15	CONTACTOR - ELECTRIC HEAT	14,15,16,37,40
4K16	CONTACTOR - ELECTRIC HEAT	11,12,13,43
4K17	CONTACTOR - ELECTRIC HEAT	8,9,10,47
4K18	CONTACTOR - ELECTRIC HEAT	17,18,19,44
4K19	CONTACTOR - ELECTRIC HEAT	26,27,28,48
4K21	CONTACTOR - ELECTRIC HEAT	23,24,25,41
4K22	CONTACTOR - ELECTRIC HEAT	20,21,22,45
4K48	RELAY - HEAT FAIL	37,50
4S22	SWITCH - HIGH LIMIT (DISC)	40
4S23	SWITCH - HIGH LIMIT (LINEAR)	38
5U16	V.F.D. - SUPPLY FAN	34

- NOTES:
- UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25°C (77°F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF, AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
 - DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINE INDICATES WIRING BY TRANE CO.
 - NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS. BY LINE NUMBER, AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT, AN OPEN ARROWHEAD BELOW THE LINE NUMBER POINTING UPWARD INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.
- HEATING ELEMENTS ARE SHOWN DELTA CONNECTED. ELEMENTS MAY BE WYE CONNECTED.
- 1K5 AND ASSOCIATED WIRING ARE PRESENT ON STANDARD UNITS (WITHOUT SUPPLY VFD) ONLY.
- SEE APPLICABLE VARIABLE FREQUENCY DRIVE SCHEMATIC FOR BALANCE OF CIRCUIT.

FILE NUMBER		DRAWING NUMBER		SHEET	
2313-0914		2313-0914		1 OF 1	
A		A		A	

TRANE		ROOFTOP PACKAGED AIR CONDITIONER	
THIS DRAWING IS A PART OF THE TRANE SYSTEMS AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.		SCHEMATIC - ELECTRIC HEAT IPC	
25KW - 160V/60HZ AND 575V/60HZ		DIAGRAM	