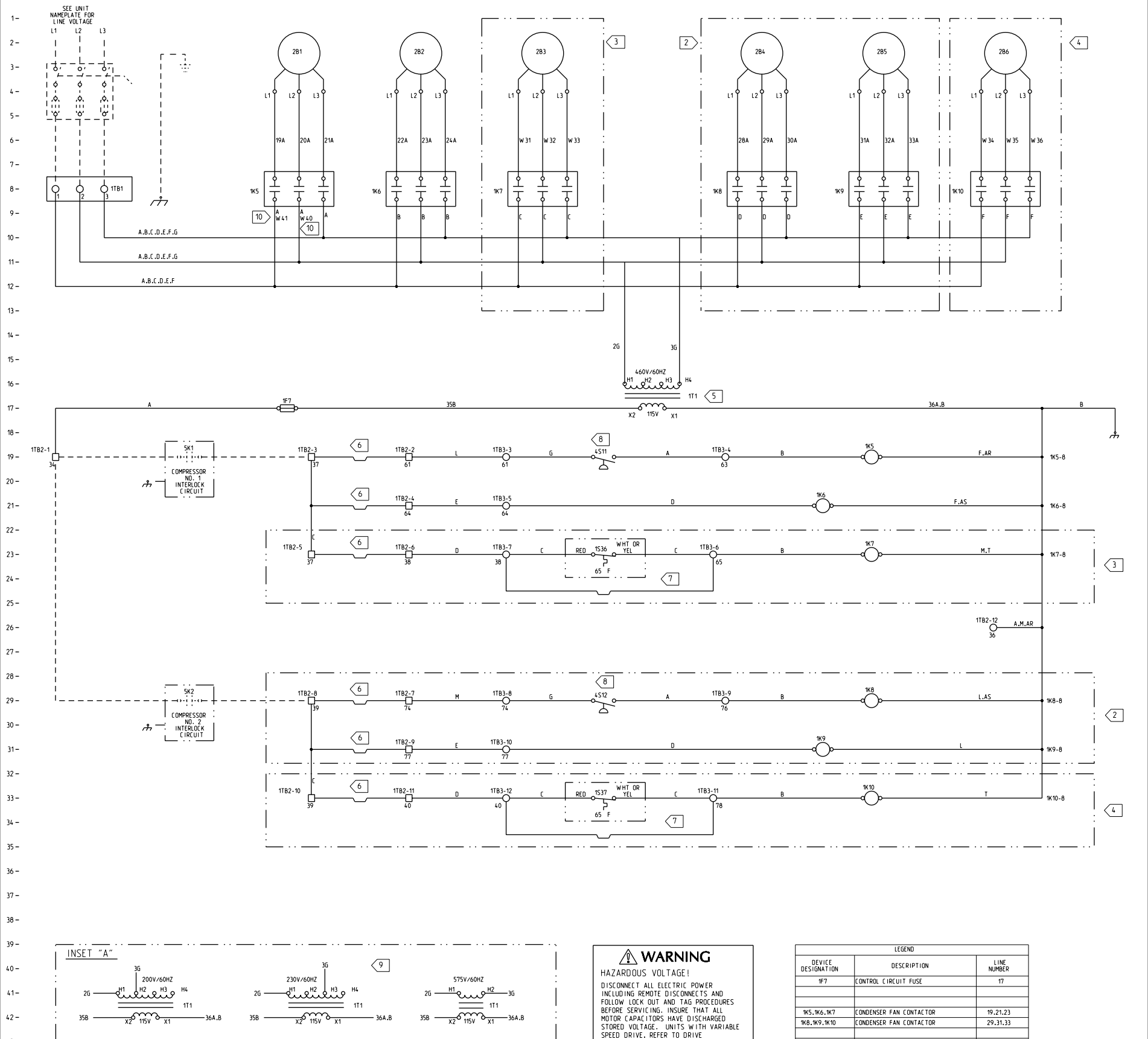


- NOTE:
- UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25°C (77°F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF, AND AFTER A NORMAL SHUTDOWN HAS OCCURRED. DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. PHANTOM LINES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF THE CONTACTS BY LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT.
 - USED ON 40, 50 AND 60 TON UNITS ONLY.
 - USED ON 25, 30, 50 AND 60 TON UNITS ONLY.
 - USED ON 50 AND 60 TON UNITS ONLY.
 - 460 VOLT 60HZ TRANSFORMER (1T1) SHOWN. SEE INSET "A" FOR OTHER VOLTAGE CONNECTIONS.
 - REMOVE JUMPERS AND INTERLOCK COMPRESSOR STAGES AS REQUIRED BY THE APPLICATION.
 - 1S36, 1S37 AND ASSOCIATED WIRING ARE USED WITH LOW AMBIENT OPTION ONLY. REMOVE METAL JUMPER BETWEEN NODES 65 AND 38 & 78 AND 40 (1TB3-6 AND 1TB3-7 & 1TB3-11 AND 1TB3-12) ON UNITS WITH LOW AMBIENT OPTION.
 - 4S11 AND 4S12 ARE SET TO OPEN AT 255 PSI AND CLOSE AT 444 PSI.
 - 200/230 VOLT UNITS ARE CONNECTED AS 200 VOLT UNITS. 230 VOLT UNITS REQUIRE THAT WIRE "3G" BE MOVED TO "H3" TERMINAL OF TRANSFORMER (1T1), AS SHOWN IN INSET "A".
 - WIRES "W40" & "W41" REQUIRED ONLY WITH LOW AMBIENT DAMPER OPTION.

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.

ATTENTION
N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!

LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.

L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'EQUIPEMENT.

PRECAUCIÓN
¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!

LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.

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 TOUTS 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, INCLUSO 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 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.

LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1F7	CONTROL CIRCUIT FUSE	17
1K5, 1K6, 1K7	CONDENSER FAN CONTACTOR	19, 21, 23
1K8, 1K9, 1K10	CONDENSER FAN CONTACTOR	29, 31, 33
1S36, 1S37	FAN TEMPERATURE CONTROL	23, 33
1T1	CONTROL POWER TRANSFORMER	16
1TB1	POWER TERMINAL BLOCK	8
1TB2, 1TB3	CONTROL TERMINAL BLOCK	
2B1 - 2B6	CONDENSER FAN MOTOR	4
4S11, 4S12	FAN PRESSURE CONTROL	19, 29
5K1, 5K2	CUSTOMER INTERLOCK	19, 29

DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	UNIT CONTROL PANEL
2	FAN SECTION
4	EXTERNAL MOUNTED COMPONENTS
5	CUSTOMER OR FIELD PROVIDED

TRANE		FILE NUMBER:	DRAWING NUMBER:	SHEET:	REV
THIS DRAWING IS APPROVED FOR AND SHALL NOT BE CHANGED WITHOUT THE CONSENT OF TRANE.		2307-9123	1 OF 1	B	
DRAWN BY: T. J. DEPREST		AIR COOLED CONDENSING UNIT			
CHECKED BY: T. J. DEPREST		POWER SCHEMATIC			
DATE: 08/27/08		LINE VOLTAGE: 200-230-460-575V/60HZ/3PH			
REVISION DATE: --		CA 20-60 TON			
SYMBOL TO PHOTO: 1200-035					