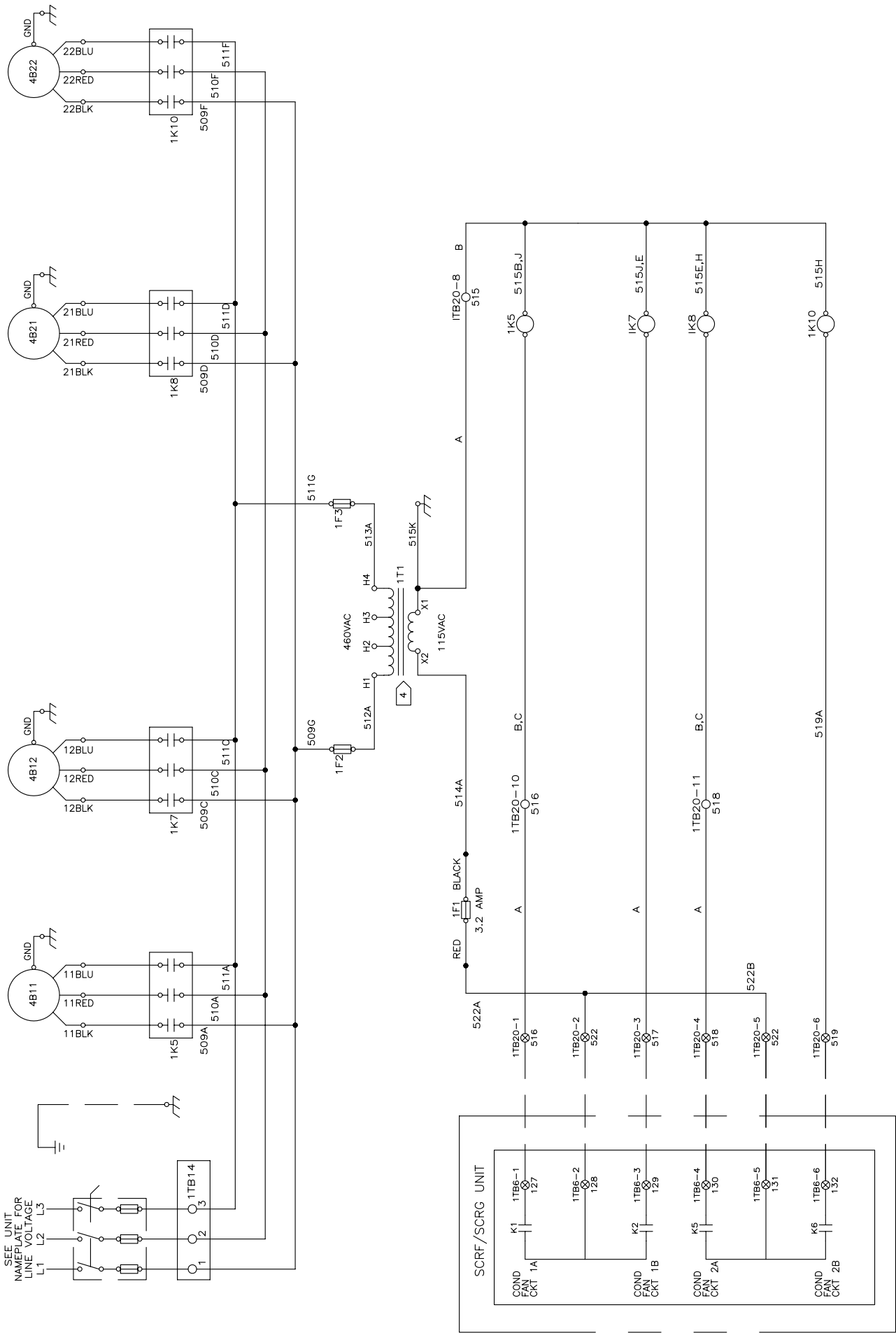
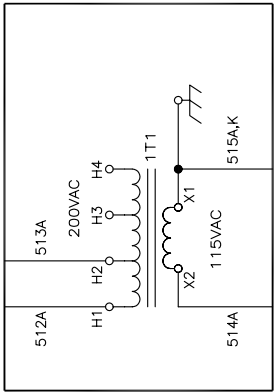


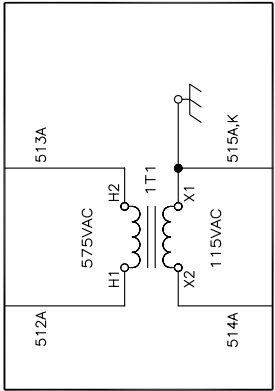
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INSET "A"



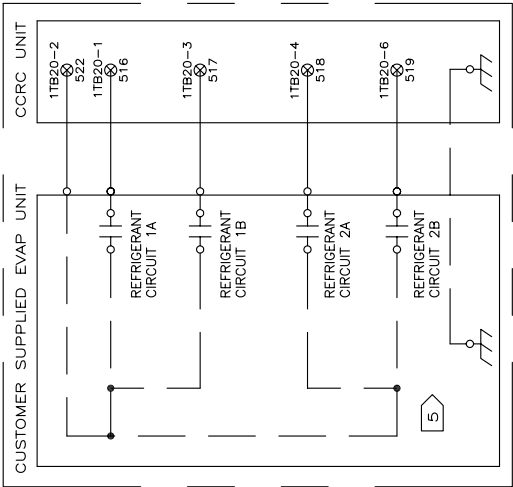
INSET "B"



DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1F1	CONTROL CIRCUIT FUSE	17
1F2	TRANSFORMER FUSE	14
1F3	TRANSFORMER FUSE	14
1K5	CONDENSER FAN CONTACTOR	8,19
1K7	CONDENSER FAN CONTACTOR	8,21,23
1K8	CONDENSER FAN CONTACTOR	8,25
1K10	CONDENSER FAN CONTACTOR	8,27,29
1T1	CONTROL POWER TRANSFORMER	15
1TB14	POWER TERMINAL BLOCK	8
1TB20	CONTROL TERMINAL BLOCK	3
4BT1,4BT2	CONDENSER FAN MOTOR	3
4B21,4B22	CONDENSER FAN MOTOR	3

DEVICE PREFIX	LOCATION CODE
1	CONTROL PANEL
4	EXTERNAL MOUNTED COMPONENTS
6	CUSTOMER PROVIDED DEVICE

- NOTE:
1. 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 LINES INDICATE WIRING BY THE TRANE COMPANY.
 2. 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.
 3. NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF THE CONTACTS BY LINE NUMBER.
 4. CONNECTIONS SHOWN TO TRANSFORMER 1T1 ARE FOR 460V/60 HZ OPERATION. SEE THE FOLLOWING INSETS FOR OTHER VOLTAGE CONNECTIONS:
INSET "A" - 200 VOLT/60 HZ
INSET "B" - 575 VOLT/60 HZ
 5. SEE INSET "D" FOR CONNECTIONS WHEN CONDENSER UNIT IS PAIRED WITH AN INDOOR EVAPORATOR UNIT PROVIDED BY OTHER MANUFACTURERS.



ECN SC5404
11/26/07
J. MEYER

D

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DRAWN BY: M. PETERS © TRANE DATE: 14-JAN-99

DO NOT SCALE PRINT

THIRD ANGLE PROJECTION

2307-8332 SHEET 1 OF 1 REV D

AIR COOLED CONDENSER UNIT

SCHEMATIC WIRING

CCRC 20, 29 & 32 TON
FOR UNITS WITH INTELLIPAK CONTROL
AND INDEPENDENT COMPRESSORS

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 CI-DESSUS PEUT ENTRAINER 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.
NO SEGUIR 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 BEFORE SERVICING. 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 LES SECTIONNERS À DISTANCE, AVANT DE RÉPARER L'ÉQUIPEMENT.
VÉRIFIQUEZ 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 ENTRAINER DES BLESSURES GRAVES POUVANT ÊTRE MORTELLES.

ADVERTENCIA

VOLTAJE PELIGROSO!
DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUIDAS LAS DESCONEXIONES REMOTAS, ANTES DE PROCEDER A REPARAR EL EQUIPO.
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.

STAGES OF FAN OPERATION			
STAGE	COND FAN CKT IN OPERATION	COND FAN(S) IN OPERATION	
1	COND FAN CKT (1A) ONLY	(4B11)	
2	COND FAN CKT (1B) ONLY	(4B12)	
3	COND FAN CKT (1A) AND (1B)	(4B11, 4B12)	
4	COND FAN CKT (2A) ONLY	(4B21)	
5	COND FAN CKT (2B) ONLY	(4B22)	
6	COND FAN CKT (2A) AND (2B)	(4B21, 4B22)	