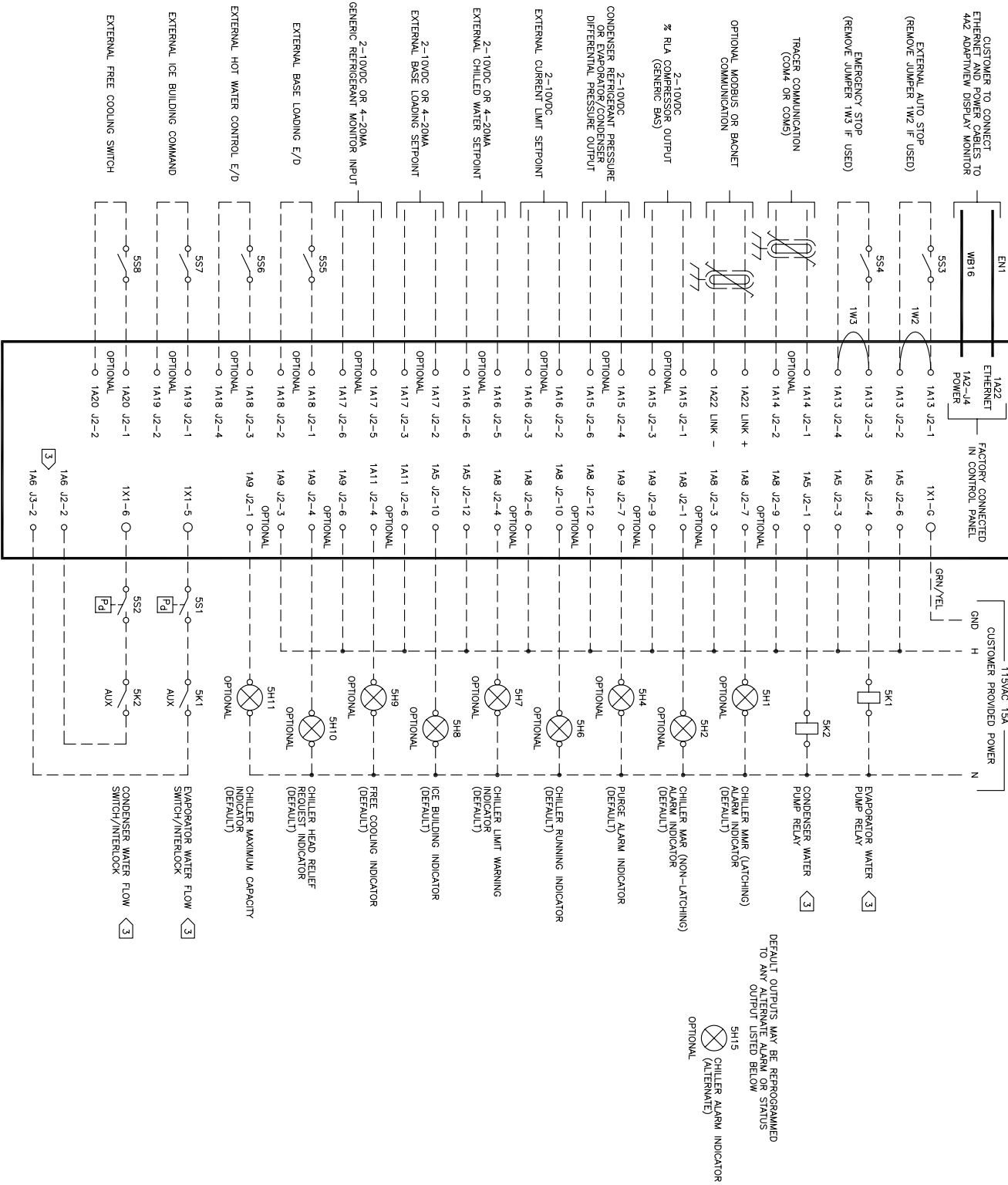
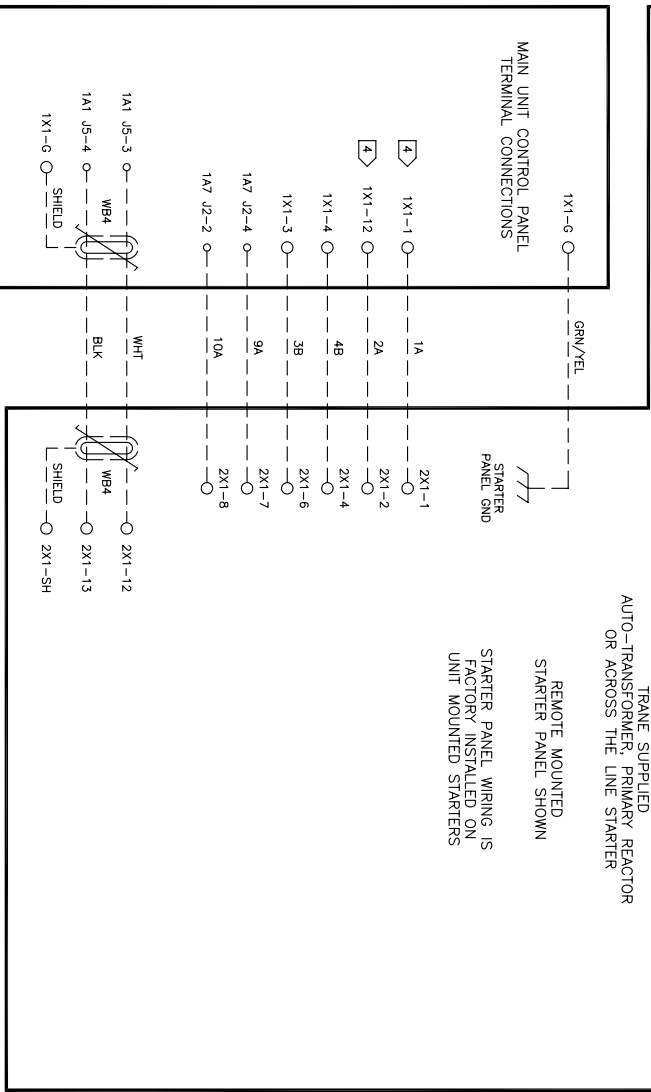
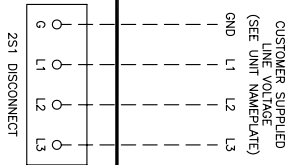
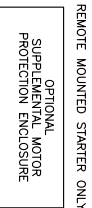
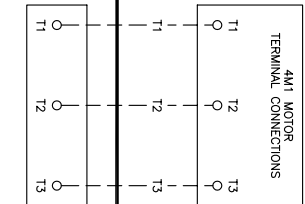
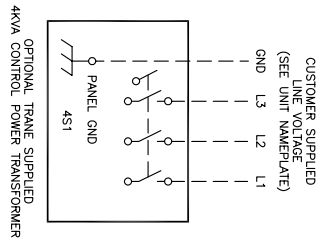


SHIPPED WITH THE UNIT FOR FIELD
INSTALLATION. THE WBS COMMUNICATION
UNIT IS NOT THE MAIN INFORMATION PANEL.
REFER TO THE UNIT INSTALLATION LITERATURE
FOR INSTALLATION OPTIONS AT THE JOB SITE.



⚠ WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING
REMOTE DISCONNECTS AND FOLLOW LOCK OUT
AND TAG PROCEDURES BEFORE SERVING.
INSURE THAT ALL MOTOR CAPACITORS HAVE
DISCHARGED. ALWAYS WEAR PROPERLY
INSTALLED SAFETY GEAR. REFER TO DRIVE
INSTRUCTIONS FOR CAPACITOR DISCHARGE.
FAILURE TO DO THE ABOVE BEFORE SERVING
COULD RESULT IN DEATH OR SERIOUS INJURY.

⚠ AVERTISSEMENT
TENSION DANGEREUSE!
COUPER TOUTES LES TENSIONS ET OUVRI
LES SECTIONNERS A DISTANCE, PLUS SUIVRE
LES PROCÉDURES DE VERROUILLAGE ET DES
ÉTiquETTES. ASSURER QUE TOUS LES CONDENSATEURS
DES MOTEURS SONT DÉCHARGÉS. DANS LE CAS
D'UNITÉS COMPORTANT DES ENTRAÎNEMENTS
INSTRUMENTÉS, SUIVRE LES INSTRUCTIONS 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,
INCLUIDO LAS DESCONEXIONES REMOTAS Y SIGA
LOS PROCEDIMIENTOS DE BLOQUEO Y ETIQUETADO
ANTES DE PROCEDER AL SERVICIO. ASEGURARSE
DE QUE TODOS LOS CAPACITORES DEL MOTOR
HAYAN DESCARGADO EL VOLTAJE ALMACENADO.
PARA LAS UNIDADES CON EQUIPAMIENTO
DE INSTRUMENTACIÓN, SIGA LAS INSTRUCCIONES
DEL CONDENSADOR.
EL NO REALIZAR LO ANTERIORMENTE INDICADO,
PODRÍA OCASIONAR LA MUERTE O SERIAS
LESIONES PERSONALES.

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 BORNS DE L'UNITÉ NE SONT
PAS CONÇUES POUR RECEVOIR D'AUTRES
TYPES DE CONDUCTEURS.
L'UTILISATION DE TOUT AUTRE CONDUCTEUR
PEUT ENDOMMAGER L'ÉQUIPEMENT.

PRECAUCIÓN
¡UTILICE ÚNICAMENTE CONDUCTORES
DE COBRE!
LAS TERMINALES DE LA UNIDAD NO ESTÁN
DISEÑADAS PARA LOS CONDUCTORES
DE OTROS TIPOS.
SI NO LO HACE, PUEDEN OCASIONAR
DAÑO AL EQUIPO.

WIRE NO OR DEVICE	FIELD WIRING CIRCUIT SELECTION INFORMATION
SUPPLY AND MOTOR LEADS	SEE NAMEPLATE; MINIMUM CIRCUIT AMPACITY
1A*	4000VA AT 115VAC, 8 AWG MAX WIRE SIZE
2A* AND GRN/YEL	4000VA AT 115VAC, 8 AWG MAX WIRE SIZE (WITHOUT OPTIONAL CPTP)
2A* AND GRN/YEL	CIRCUIT PROTECTED AT 20A, 115VAC 1PH, 10 AWG MAX WIRE SIZE (WITH OPTIONAL CPTP)
9A* AND 10A*	PUMP MOTOR, 1PH 3/4 HP, 11.7 FULL LOAD AMPS AT 115VAC, 14 AWG MAX WIRE SIZE.
WB4	TWISTED SHIELDED PAIR, 300C, MAX LENGTH 1500 FT (GELDED TYPE 8780 RECOMMENDED)
SS1*, SS2*, 3B* AND 4B*	CIRCUIT PROTECTED AT 20A, 115VAC 1PH, 10 AWG MAX WIRE SIZE
SS3 THRU SS8	240C, 12MA RESISTIVE LOAD, 14 AWG MAX WIRE SIZE
ALL REMAINING LUD TERMINALS	CONTACT RATING: 2.8BA INDUCTIVE, 1/3 HP, 0.25KW AT 115VAC, 14 AWG MAX WIRE SIZE.
* TAPPED CONTROL CONDUCTORS	

- NOTES:
- DASHED LINES INDICATE FIELD WIRING BY OTHERS. WIRE NUMBERS SHOWN ARE RECOMMENDED BY TRANE. REFER TO THE AS-BUILT SCHEMATIC DIAGRAM TO DETERMINE WHICH OPTIONS ARE PRESENT ON THE UNIT.
 - DO NOT ROUTE LOW VOLTAGE (30V) WITH CONTROL VOLTAGE (115V) AND DO NOT POWER UNIT UNTIL CHECK-OUT AND START-UP PROCEDURES HAVE BEEN COMPLETED.
 - ALL CUSTOMER SUPPLIED CHILLED/WATER FLOW CIRCUITRY SHOWN. REFER TO THE AS-BUILT SCHEMATIC DIAGRAM TO DETERMINE WHICH OPTIONS ARE PRESENT ON THE UNIT. THE UNIT IS SHIPPED WITH A PUMP MOTOR AND CONDENSER WATER FLOW SWITCHES MUST CONTAIN DPDT CONTACTS. THE SEPARATE FLOW SWITCHES ARE TO BE INSTALLED AND WIRED TO THE TRANE MAIN UNIT CONTROL PANEL BY THE INSTALLING CONTRACTOR. THE PURCHASE OF FLOW SWITCHES FROM TRANE IS OPTIONAL.
 - STANDARD WIRING SHOWN. WHEN CONTROL POWER TRANSFORMER (CPTP OPTION) IS PRESENT, WIRE 1A IS NOT REQUIRED AND WIRE 2A CONNECTS TO 1X1-13 INSTEAD OF 1X1-12. REFER TO THE FIELD WIRING CIRCUIT SELECTION CHART FOR PROPER WIRE SIZING.

DEVICE PREFIX CODE

1 = MAIN UNIT CONTROL PANEL DEVICE
2 = REMOTE MOUNTED DEVICE
3 = CHILLER HEAD RELIEF REQUEST INDICATOR
4 = CHILLER MAXIMUM CAPACITY INDICATOR (DEFAULT)
5 = CUSTOMER PROVIDED DEVICE

CONNECTION DIAGRAM	
DESIGNED BY: R. DUSK	DATE: 06 AUG 2007
REPLACES:	
REVISION DATE:	
SIMILAR TO: 2309-2171	
UNIT FIELD WIRING	
OR ACROSS THE LINE STARTER	
TRANE SUPPLIED	
AUTO-TRANSFORMER, PRIMARY REACTOR	
OR C/PHE-C/PHE-C/PHE UNITS	
1 OF 1	