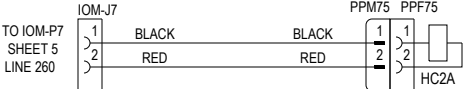
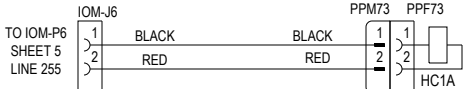
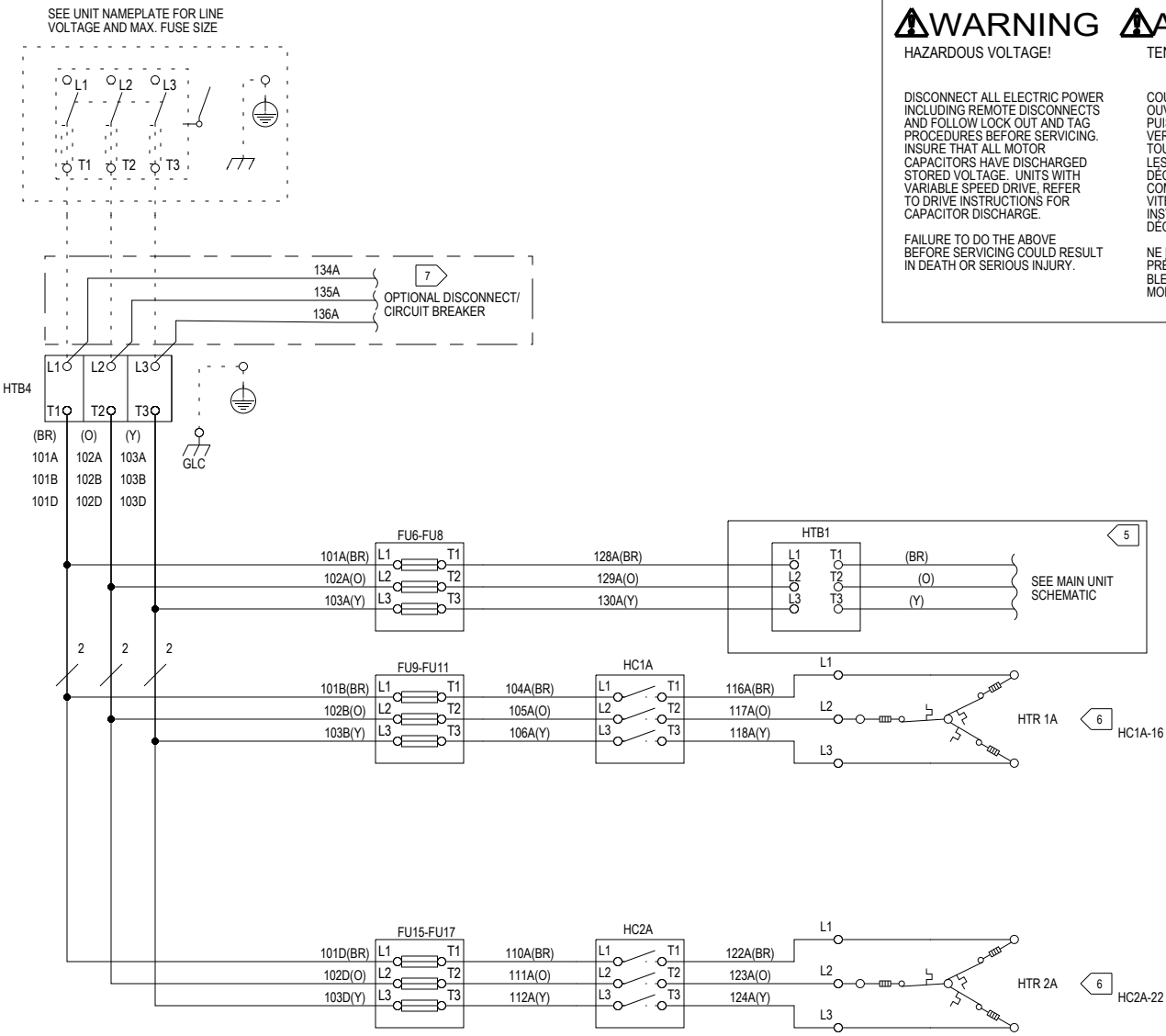


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LEGEND		
REF DES	DESCRIPTION	LINE NO
FU6-FU8	FUSE BLOCK-HTB1	13
FU9-FU11	FUSE BLOCK-HC1A	16
FU15-FU17	FUSE BLOCK-HC2A	22
GLC	GROUND LUG - ELECTRIC HEAT	8
HC1A	COIL-ELECTRIC HEAT	14
HC1A	CONTACTOR-ELECTRIC HEAT	16
HC2A	COIL-ELECTRIC HEAT	20
HC2A	CONTACTOR-ELECTRIC HEAT	22
HTB1	TERM BLOCK-CONTROL BOX	13
HTB4	TERM BLOCK-ELECTRIC HEAT	8
HTR 1A	HEATER-ELECTRIC HEAT	15
HTR 2A	HEATER-ELECTRIC HEAT	21

WIRE COLOR ABBREVIATION CODES			
CODE	COLOR	CODE	COLOR
BK	BLACK	PK	PINK
BL	BLUE	R	RED
BR	BROWN	TQ	TURQUOISE
G	GREEN	V (PR)	PURPLE
GY	GREY	W	WHITE
O	ORANGE	Y	YELLOW

CONDUCTOR NAME	CONDUCTOR BASE COLOR
1	BLACK
2	RED

SYMBOL LEGEND	
SOLID LINE	_____
DASHED LINES	- - - - -
DASHED LINE ENCLOSURES	- - - - -
PHANTOM	— — — — —
	EARTH GROUND
	EQUIPMENT GROUND
	SPLICE
	JUNCTION
	MULTIPLE WIRE SYMBOL
	LINE BREAK
	TWISTED PAIR
	SHIELDED CABLE

NOTES: (STANDARD NOTES 1-3, WIRE COLOR & SYMBOL LEGEND TABLES APPLY TO ALL SHEETS.)

- 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 SHUT DOWN HAS OCCURRED.
- SOLID LINES INDICATE WIRING PROVIDED BY TRANE CO. DASHED LINES INDICATE RECOMMENDED FIELD WIRING PROVIDED BY THE CUSTOMER. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE CUSTOMER. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS.
- NUMBERS ALONG THE RIGHT SIDE MARGIN OF THE SCHEMATIC DESIGNATE BY LINE NUMBER THE LOCATION OF CONTACTS ENERGIZED BY COIL. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT. AN OPEN ARROWHEAD POINTING UPWARD BELOW THE LINE NUMBER INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.
- IF ANY OF THE ORIGINAL WIRING AS SUPPLIED WITH THE UNIT MUST BE REPLACED, USE ONLY APPLIANCE WIRING MATERIAL RATED AT 105° C OR EQUIVALENT.

5 SEE UNIT CONTROLS DIAGRAM FOR BALANCE OF CIRCUIT.

6 THERMOSTAT DEVICES ARE EQUIPPED WITH AUTO-RESETTING THERMAL LIMIT SWITCHES AND ONE-SHOT LIMIT FUSE.

7 WIRES 134A, 135A, 136A, PRESENT ON UNITS WITH OPTIONAL DISCONNECT/CIRCUIT BREAKER.

⚠ 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!

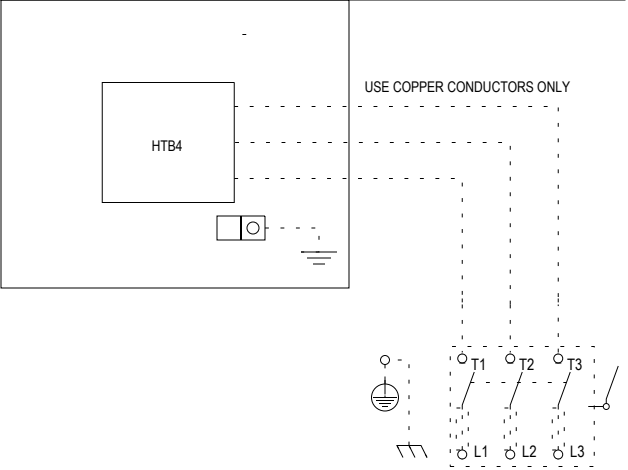
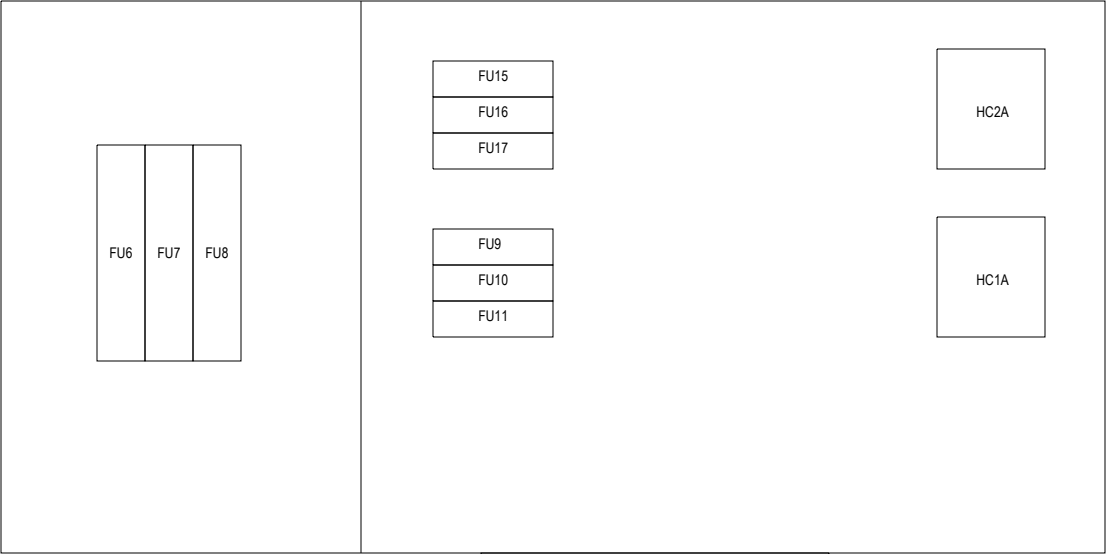
COUPER TOUTES LES TENSIONS ET OUVRIR LES SECTIONNEURS A DISTANCE. PUIS SUIVRE LES PROCEDURES DE VERROUILLAGE ET DES ETIQUETTES AVANT TOUTE INTERVENTION. VERIFIER QUE TOUS LES CONDENSATEURS DES MOTEURS SONT DECHARGES. DANS LE CAS D'UNITES COMPORTANT DES ENTRAÎNEMENTS A VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DECHARGER LES CONDENSATEURS.

NE PAS RESPECTER CES MESURES DE PRECAUTION 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. ASEGURESE 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.



DESIGNER:	A. WAELE
ENGINEER:	R. CERVANTES
TRANE © DATE:	22-NOV-2021
REPLACES:	
SIMILAR TO:	
REVISION DATE:	12-MAR-2024
REVISED BY:	E.STOVALL
APPROVED BY:	R. CERVANTES
CAD SYSTEM USED:	CREO SCHEMATICS

TRANE®

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PRECEDENT DIAGRAM			
SCHEMATIC/COMPONENT LOCATION; ELECTRIC HEAT 2 STAGE 12, 18, 27 & 36 KW 460V/575V			
MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
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