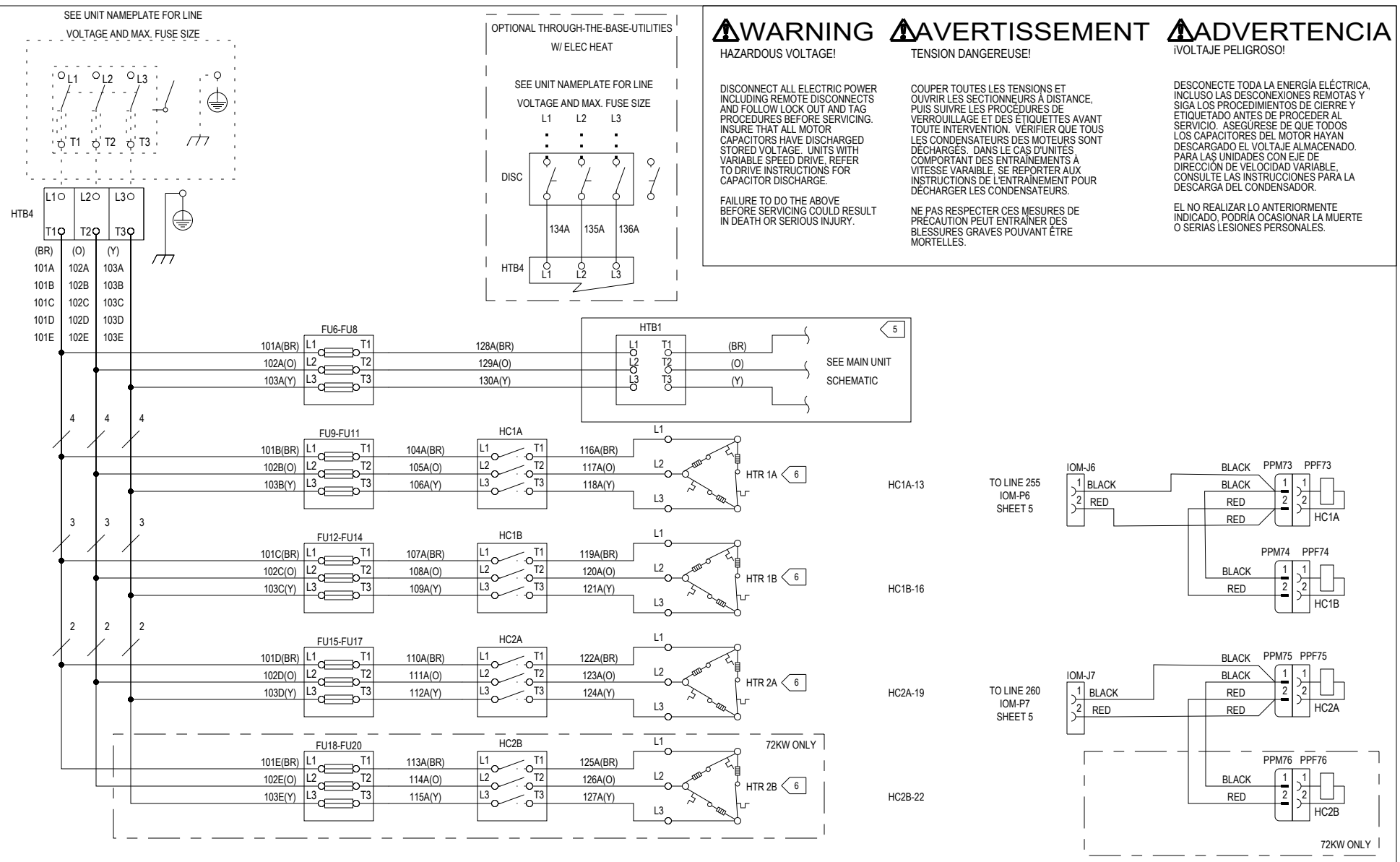
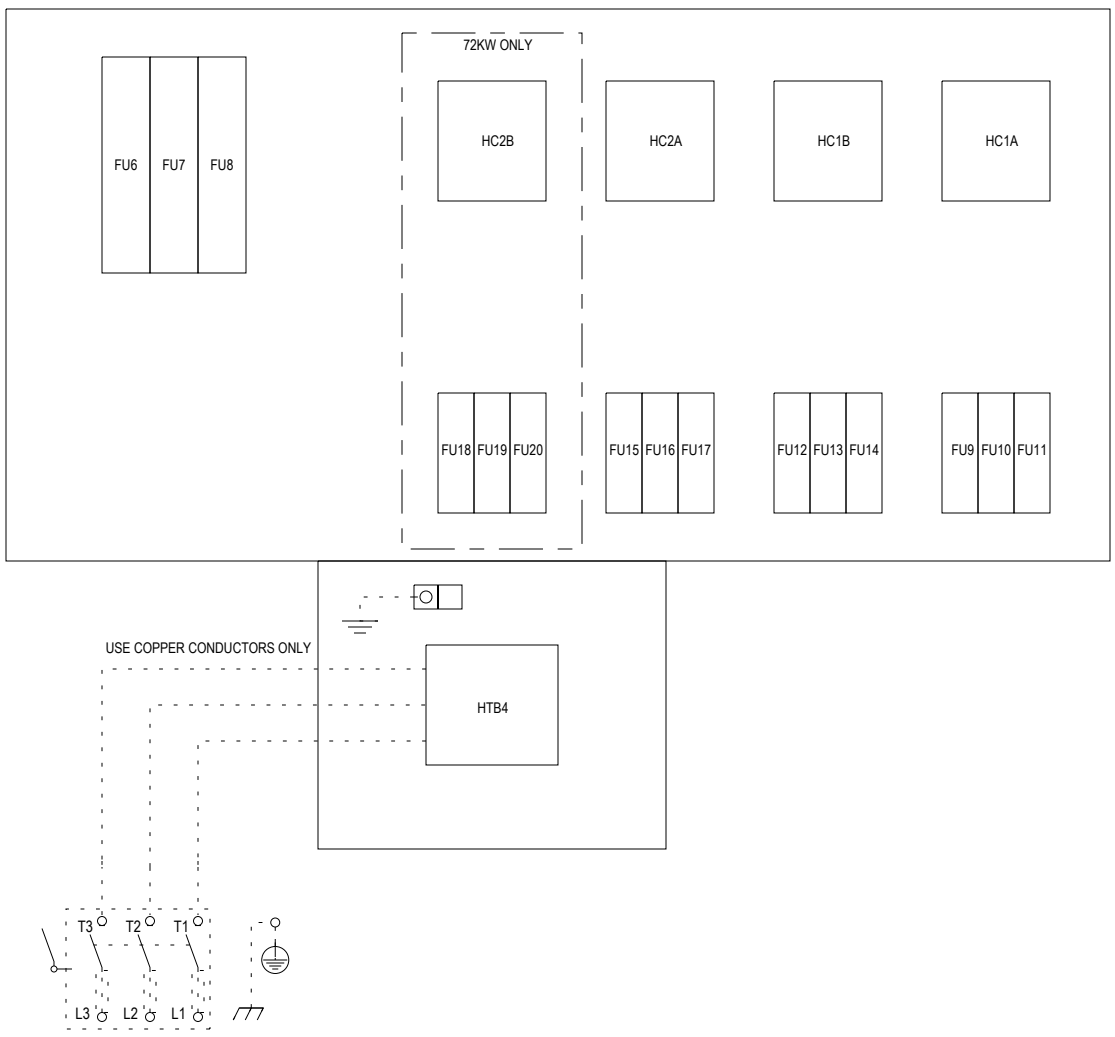


LEGEND		
REF DES	DESCRIPTION	LINE NO
FU6-FU8	FUSE BLOCK-HTB1	10
FU9-FU11	FUSE BLOCK-HC1A	13
FU12-FU14	FUSE BLOCK-HC1B	16
FU15-FU17	FUSE BLOCK-HC2A	19
FU18-FU20	FUSE BLOCK-HC2B	22
HC1A	COIL-ELECTRIC HEAT	14
HC1A	CONTACTOR-ELECTRIC HEAT	13
HC1B	CONTACTOR-ELECTRIC HEAT	16
HC1B	COIL-ELECTRIC HEAT	17
HC2A	COIL-ELECTRIC HEAT	20
HC2A	CONTACTOR-ELECTRIC HEAT	19
HC2B	CONTACTOR-ELECTRIC HEAT	22
HC2B	COIL-ELECTRIC HEAT	23
HTB1	TERM BLOCK-CONTROL BOX	10
HTB4	TERM BLOCK-ELECTRIC HEAT	5
HTR 1A	HEATER-ELECTRIC HEAT	12
HTR 1B	HEATER-ELECTRIC HEAT	15
HTR 2A	HEATER-ELECTRIC HEAT	18
HTR 2B	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



NOTES:

1. 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.
2. 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.
3. NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY THE LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT. AN OPEN ARROW BELOW THE LINE NUMBER POINTING UPWARD INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.
4. IF ANY OF THE ORIGINAL WIRING AS SUPPLIED WITH THE UNIT MUST BE REPLACED, USE ONLY APPLIANCE WIRING MATERIAL RATED AT 105 DEG C OR EQUIVALIENT.

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.

DESIGNER: A. WAELDE	TRANE ®	PRECEDENT DIAGRAM
ENGINEER: R. CERVANTES		SCHEMATIC/COMPONENT LOCATION - ELECTRIC HEAT 54 & 72KW 208/240V
TRANE © DATE: 22-NOV-2021		
REPLACES:		
SIMILAR TO:	THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF TRANE.	
REVISION DATE: 30-NOV-2021		MASTER NUMBER: / DRAWING NUMBER: 12134309 / SHEET: 1 OF 1 / REV B
REVISED BY: A. WAELDE		
APPROVED BY: R. CERVANTES		
CAD SYSTEM USED: CREO SCHEMATICS	IEC DESIGN COMPLIANT	