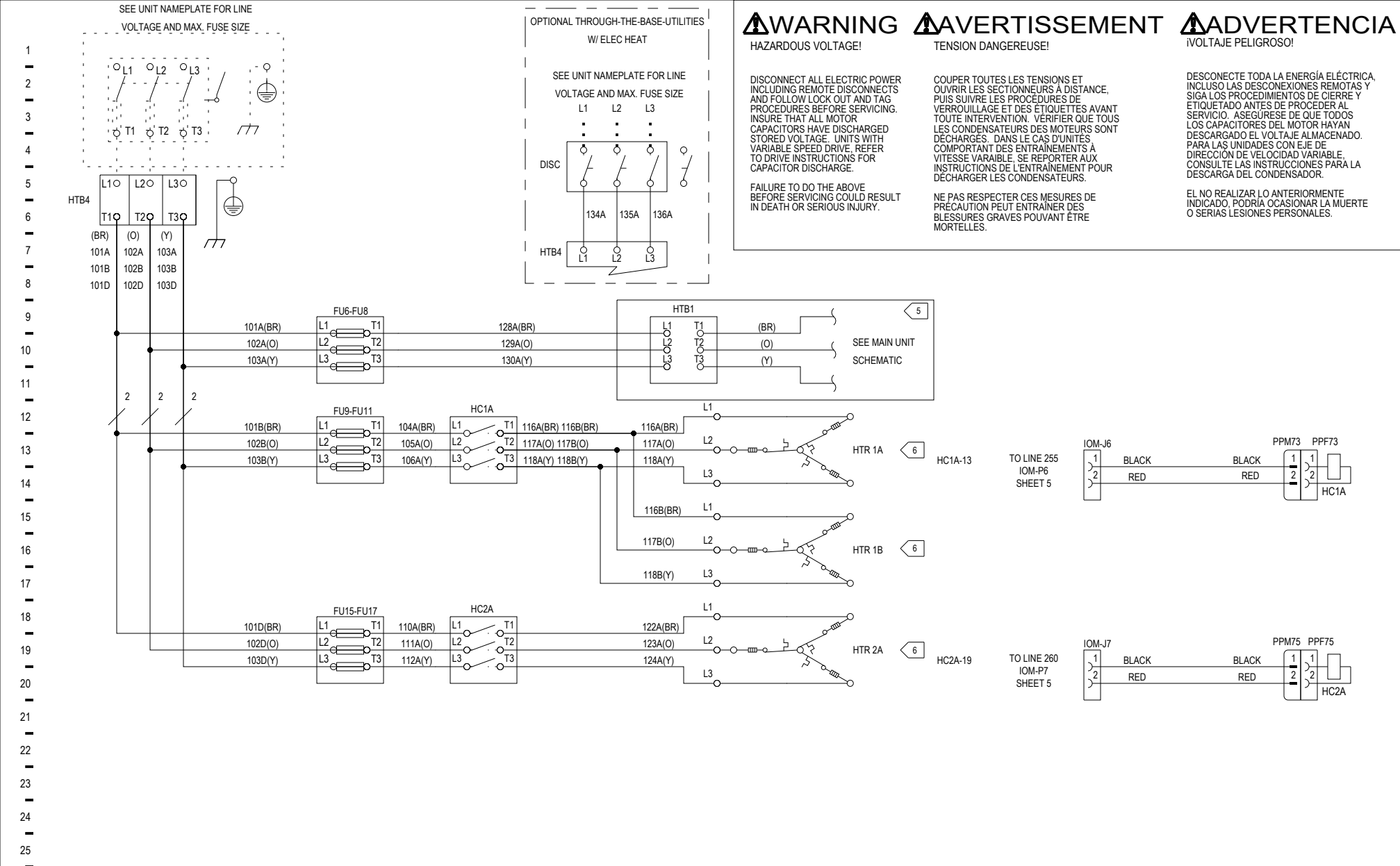




REF DES	DESCRIPTION	LINE NO
FU6-FU8	FUSE BLOCK-HTB1	10
FU9-FU11	FUSE BLOCK-HC1A	13
FU15-FU17	FUSE BLOCK-HC2A	19
HC1A	CONTACTOR-ELECTRIC HEAT	13
HC1A	COIL-ELECTRIC HEAT	14
HC2A	COIL-ELECTRIC HEAT	20
HC2A	CONTACTOR-ELECTRIC HEAT	19
HTB1	TERM BLOCK-CONTROL BOX	10
HTB4	TERM BLOCK-ELECTRIC HEAT	5
HTR 1A	HEATER-ELECTRIC HEAT	12
HTR 1B	HEATER-ELECTRIC HEAT	15
HTR 2A	HEATER-ELECTRIC HEAT	18

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

FU6

FU7

FU8

FU15

FU16

FU17

FU9

FU10

FU11

HC2A

HC1A

HTB4

USE COPPER CONDUCTORS ONLY

T1

T2

T3

L1

L2

L3

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 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.

DESIGNER: A. WAELDE

ENGINEER: R. CERVANTES

TRANE © DATE: 22-NOV-2021

REPLACES:

SIMILAR TO:

REVISION DATE: 30-NOV-2021

REVISED BY: A. WAELDE

APPROVED BY: R. CERVANTES

CAD SYSTEM USED: CREO SCHEMATICS

IEC DESIGN COMPLIANT

PRECEDENT DIAGRAM

SCHEMATIC/COMPONENT LOCATION - ELECTRIC HEAT 54 KW 460V/575V

MASTER NUMBER: 12134306

DRAWING NUMBER: 1 OF 1

SHEET: B

REV