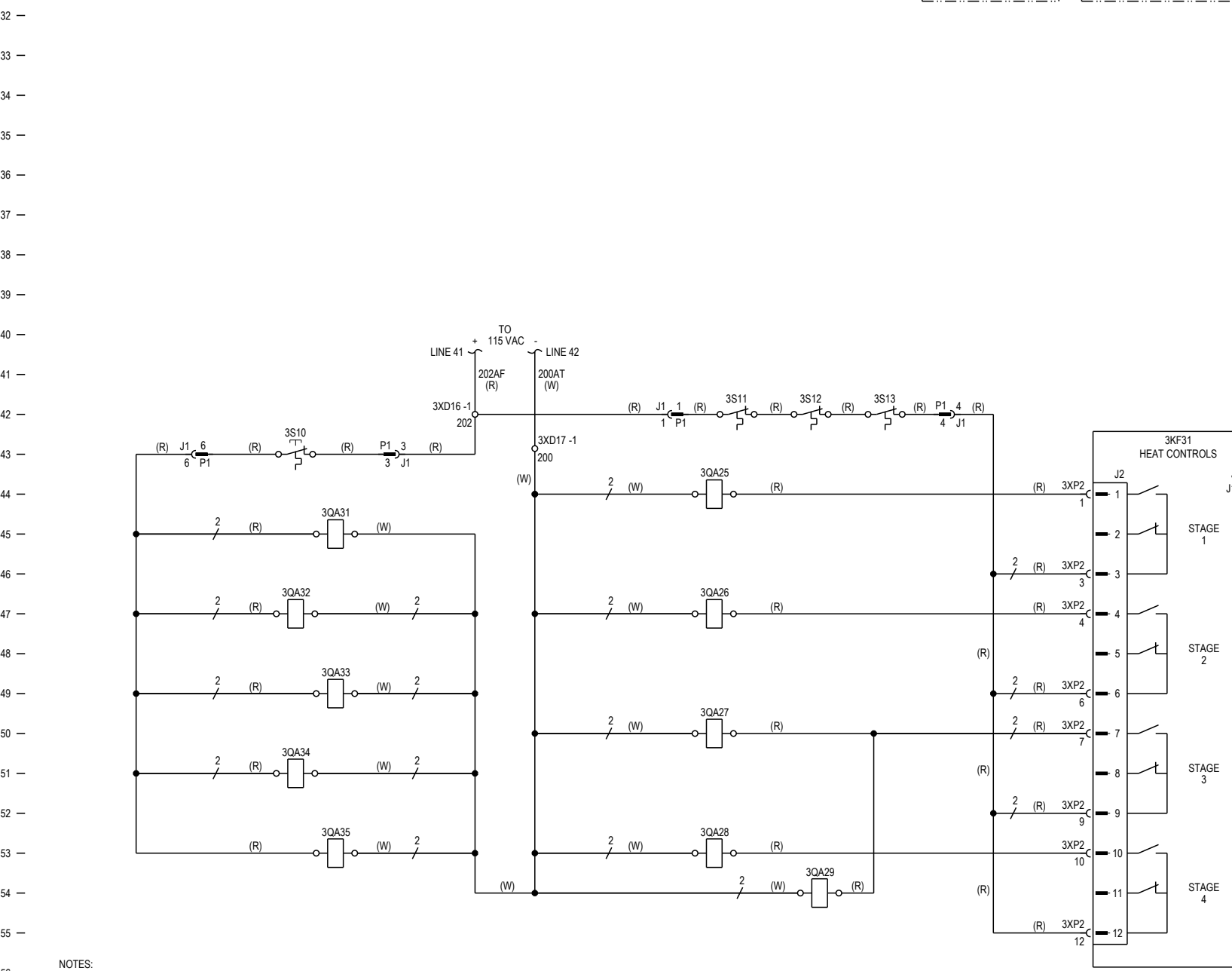
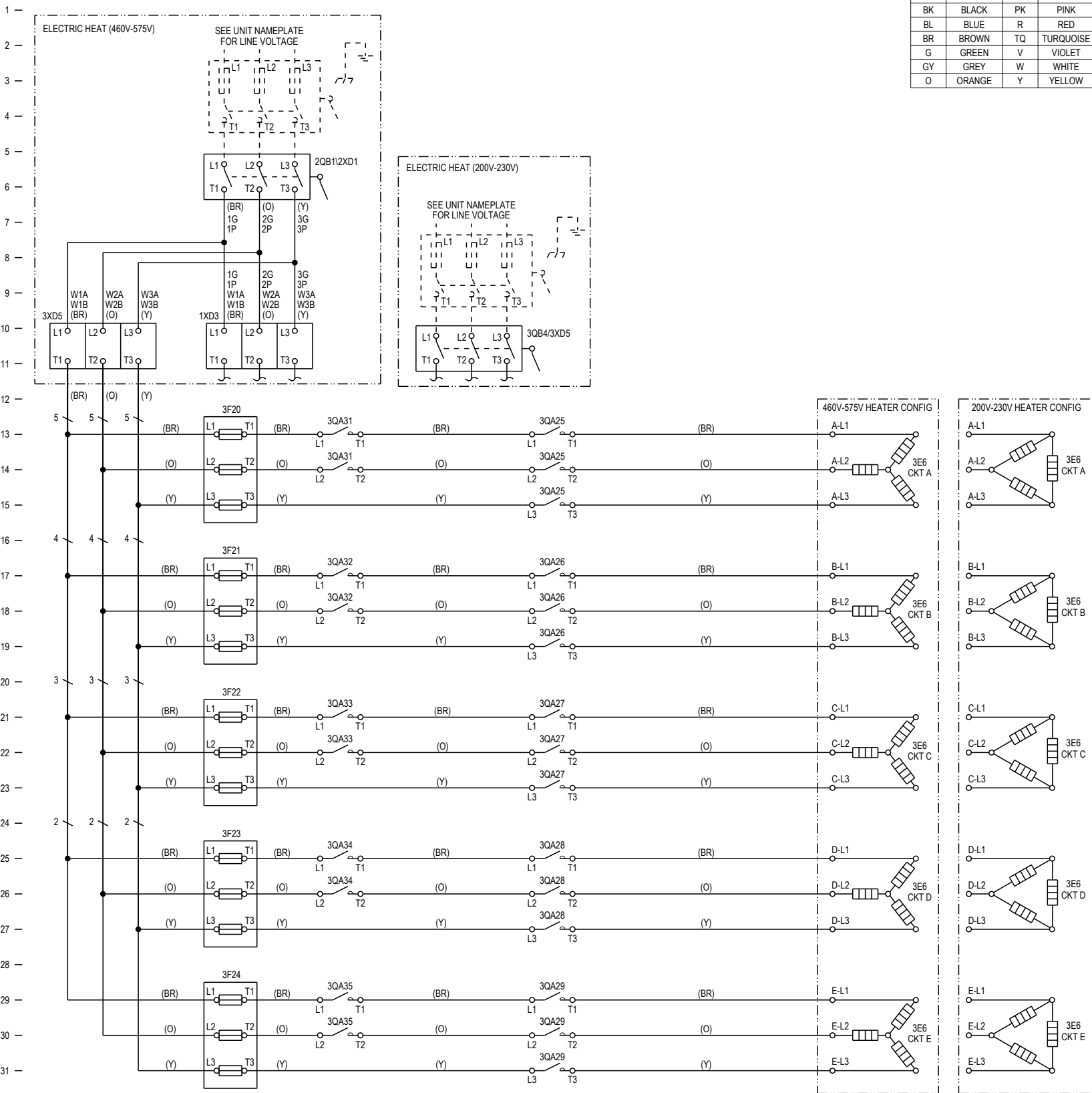


WIRE COLOR ABBREVIATION CODES			
CODE	COLOR	CODE	COLOR
BK	BLACK	PK	PINK
BL	BLUE	R	RED
BR	BROWN	TQ	TURQUOISE
G	GREEN	V	VIOLET
GY	GREY	W	WHITE
O	ORANGE	Y	YELLOW

LEGEND		
DEVICE DESIG	DESCRIPTION	LINE NUMBER
1XD3	TERMINAL BLOCK	10
2QB1/2XD1	MANUAL DISCONNECT/TERM BLOCK	5
3E6	HEATER ELEMENT	13,17,21,25,29,33
3F20	FUSEBLOCK	13
3F21	FUSEBLOCK	17
3F22	FUSEBLOCK	21
3F23	FUSEBLOCK	25
3F24	FUSEBLOCK	29
3KF31	HEAT CONTROLS	44
3QA25	CONTACTOR - HEAT CIRCUIT A	13,14,15,44
3QA26	CONTACTOR - HEAT CIRCUIT B	17,18,19,47
3QA27	CONTACTOR - HEAT CIRCUIT C	21,22,23,50
3QA28	CONTACTOR - HEAT CIRCUIT D	25,26,27,53
3QA29	CONTACTOR - HEAT CIRCUIT E	29,30,31,54
3QA31	CONTACTOR - BACK-UP	13,14,45
3QA32	CONTACTOR - BACK-UP	17,18,47
3QA33	CONTACTOR - BACK-UP	21,22,49
3QA34	CONTACTOR - BACK-UP	25,26,51
3QA35	CONTACTOR - BACK-UP	29,30,53
3QB4	MANUAL DISCONNECT - ELEC HEAT	10
3S10	HIGH TEMP LIMIT - MANUAL RESET	43
3S11	HIGH TEMP LIMIT - AUTO RESET #1	42
3S12	HIGH TEMP LIMIT - AUTO RESET #2	42
3S13	HIGH TEMP LIMIT - AUTO RESET #3	42
3XD16	TERMINAL BLOCK - 115 VAC	42
3XD17	TERMINAL BLOCK - 115 VAC COM	43
3XD5	TERMINAL BLOCK	10



NOTES:

- 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.
- 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.
- 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.

DESIGNER:	K. EDWARDS
ENGINEER:	R. ROBINSON
TRANE © DATE:	5/25/18
REPLACES:	---
SIMILAR TO:	---
REVISION DATE:	10/29/18
REVISED BY:	K. EDWARDS
APPROVED BY:	R. ROBINSON
CAD SYSTEM USED:	PRO/ DIAGRAM

TRANE ®	
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IEC DESIGN COMPLIANT	

INTELLIPAK DIAGRAM SCHEMATIC - ELECTRIC HEAT 90KW - 200V / 230V, 190KW - 460V / 575V			
MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
12132834	12132840	1 of 1	C