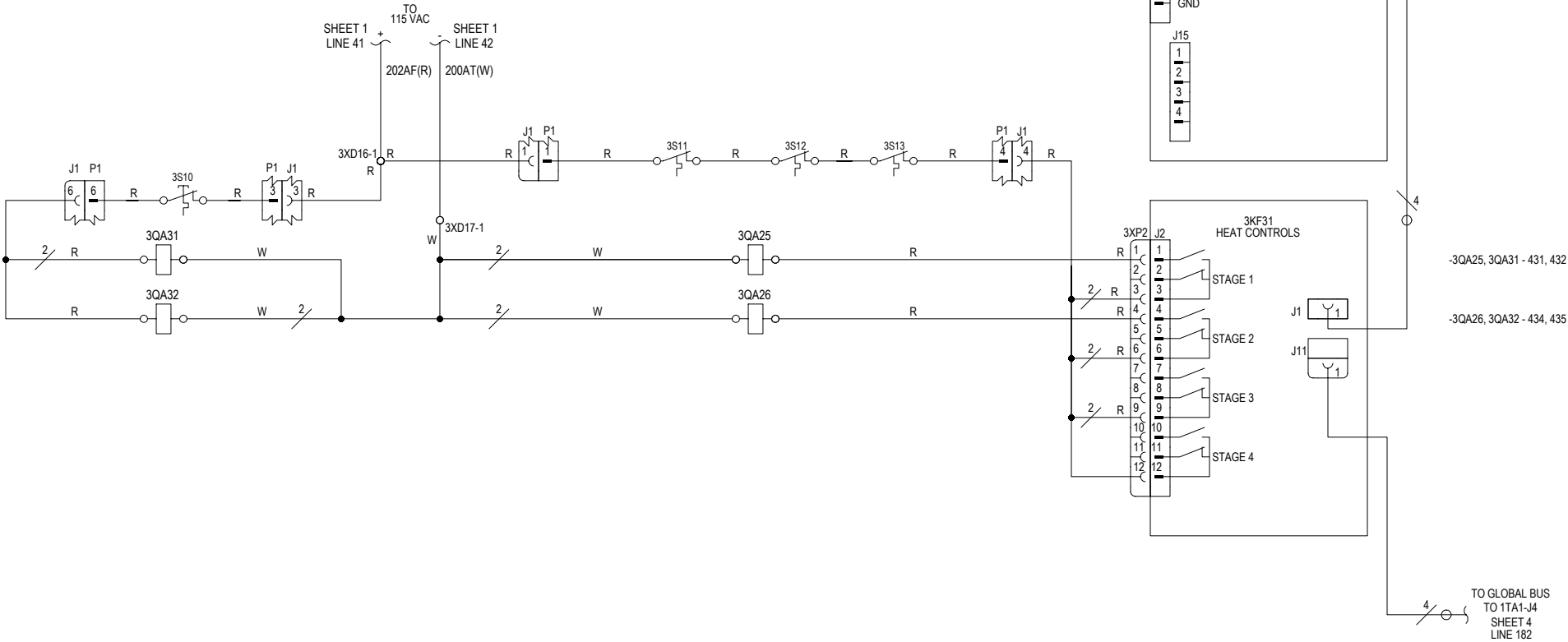
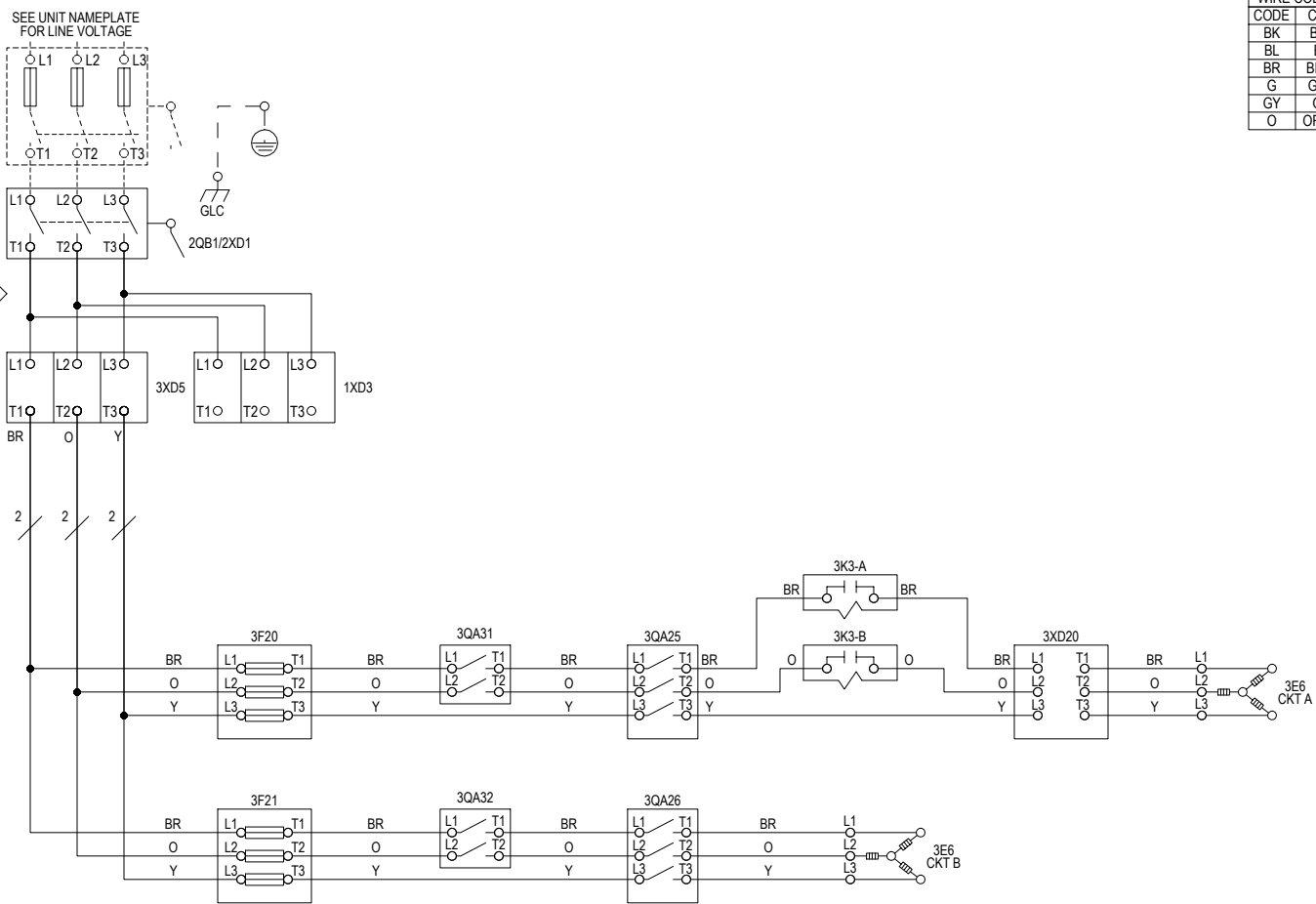


WIRE COLOR ABBREVIATION CODES			
CODE	COLOR	CODE	COLOR
BK	BLACK	PK	PINK
BL	BLUE	R	RED
BR	BROWN	TQ	TURQUOISE
G	GREEN	V.(PR)	PURPLE
GY	GREY	W	WHITE
O	ORANGE	Y	YELLOW

LEGEND		
REF DES	DESCRIPTION	LINE NO
1XD3	TERMINAL BLOCK	428
2QB1/2XD1	MANUAL DISCONNECT - ELEC HEAT	424
3E6	HEAT ELEMENT - WYE - CKT A	434
3E6	HEAT ELEMENT - WYE - CKT B	438
3F20	FUSE BLOCK	435
3F21	FUSE BLOCK	438
3K3-A	SCR RELAY - PRIMARY CONTROL	456
3K3-A	SCR RELAY - POWER SWITCH	433
3K3-B	SCR RELAY - SECONDARY CONTROL	454
3K3-B	SCR RELAY - POWER SWITCH	434
3KF30	LLID (HEX) - MOD HEAT CONTROLS	451
3KF31	HEAT CONTROLS	467
3QA25	CONTACTOR - HEAT CIRCUIT A	435
3QA25	CONTACTOR - HEAT CIRCUIT A	467
3QA26	CONTACTOR - HEAT CIRCUIT B	469
3QA26	CONTACTOR - HEAT CIRCUIT B	438
3QA31	CONTACTOR - BACK-UP	435
3QA31	CONTACTOR - BACK-UP	467
3QA32	CONTACTOR - BACK-UP	469
3QA32	CONTACTOR - BACK-UP	438
3S10	HIGH TEMP LIMIT - MANUAL RESET	466
3S11	HIGH TEMP LIMIT - AUTO RESET #1	465
3S12	HIGH TEMP LIMIT - AUTO RESET #2	465
3S13	HIGH TEMP LIMIT - AUTO RESET #3	465
3XD5	TERMINAL BLOCK	428
3XD16	TERM BLOCK - 115 VAC	465
3XD17	TERM BLOCK - 115 VAC COM	466
3XD20	TERMINAL BLOCK	435
GLC	EARTH GROUND TO CHASSIS	423



- NOTES: SEE SHEET 1 FOR STANDARD NOTES 1-2 THAT APPLY TO ALL SHEETS.
3. 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.
4. TRANE PROVIDES 1XD3, 2QB1/2XD1 AND WIRES (BR), (O), AND (Y) TO 3XD5 FOR 460V APPLICATIONS ONLY.

DESIGNER: T. PEED
ENGINEER: E. CAROTA
TRANE © DATE: 4/19/2024
REPLACES:
SIMILAR TO:
REVISION DATE: 4/19/2024
REVISED BY: T. PEED
APPROVED BY:
CAD SYSTEM USED: CREO SCHEMATICS

TRANE®

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INTELLIPAK 3
SCHEMATIC

ELECTRIC HEAT WITH SCR MODULATING
60KW - 480V

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
	12132844	8	B