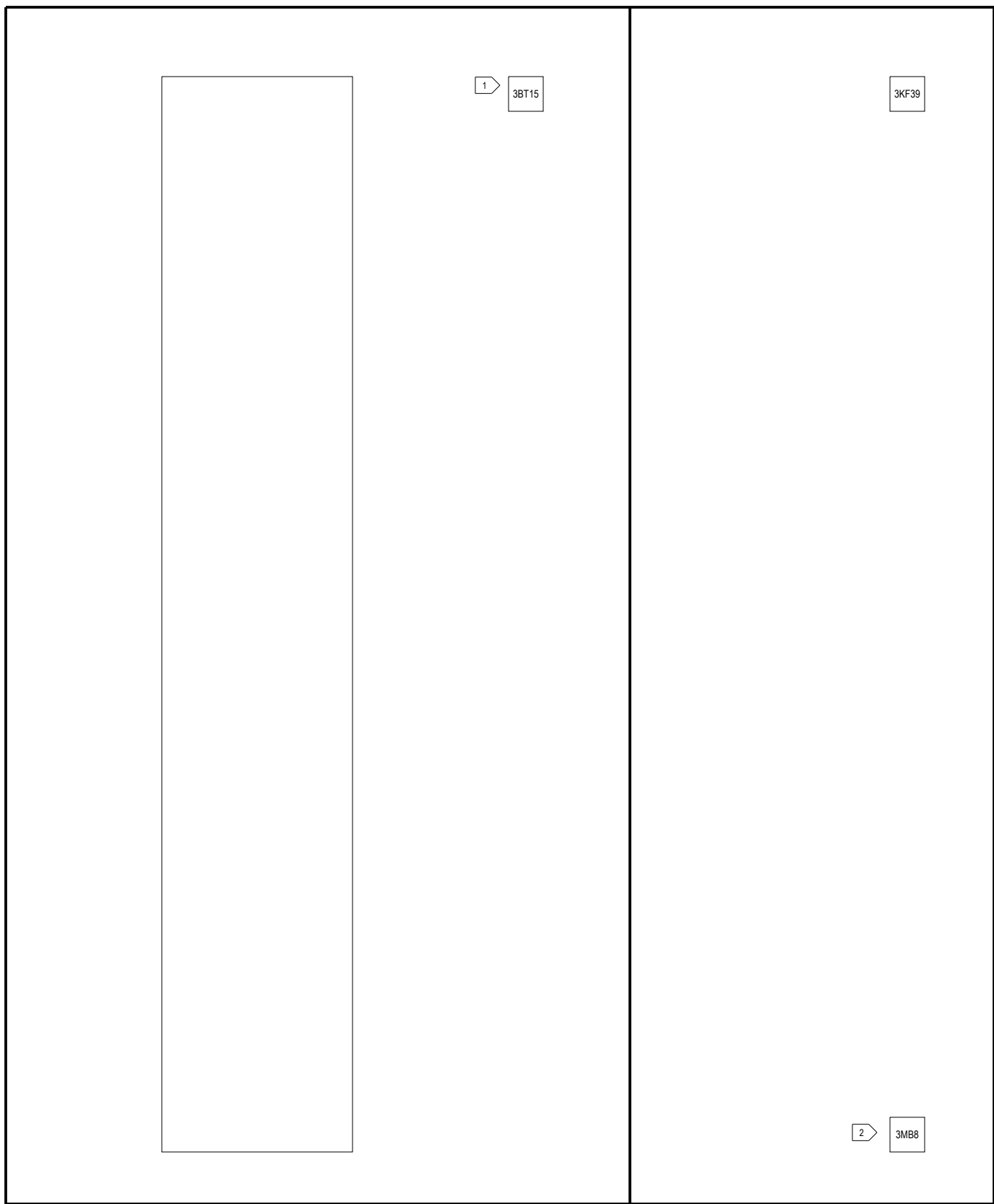
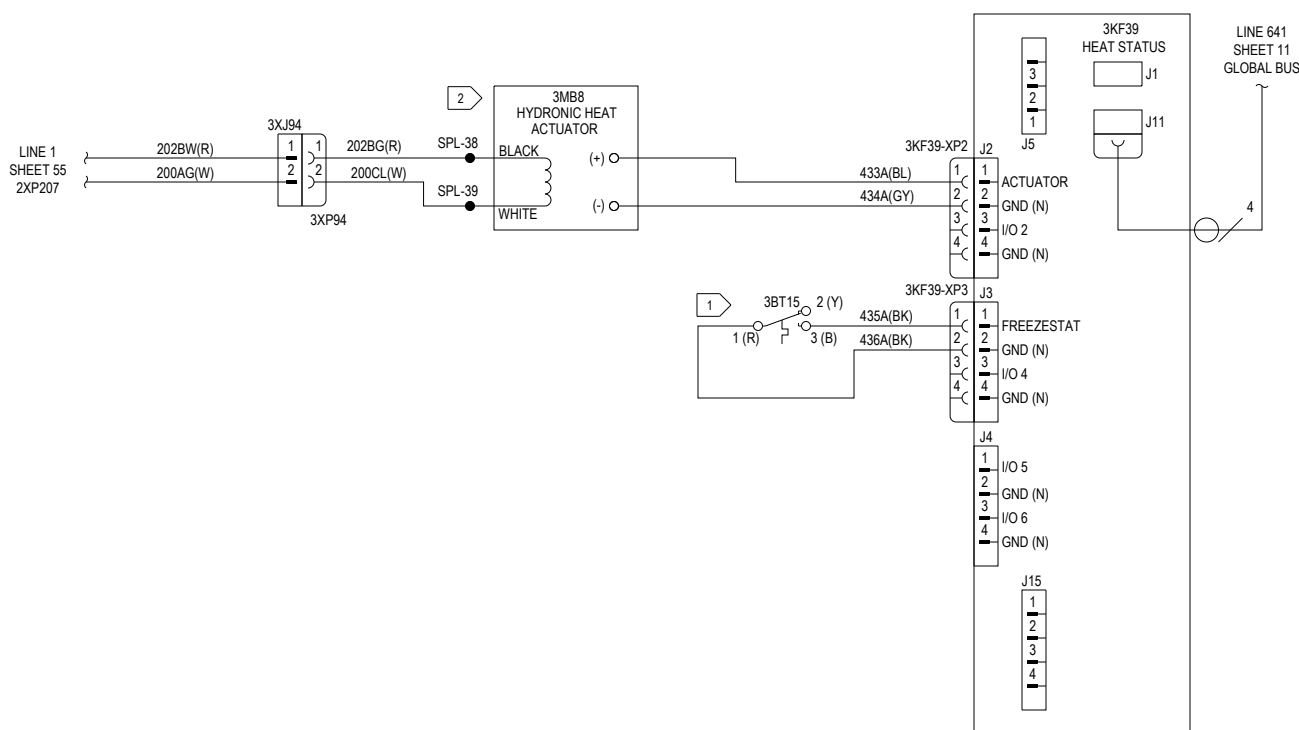




WIRE COLOR ABBREVIATION CODES			
CODE	COLOR	CODE	COLOR
BK	BLACK	PK	PINK
BL	BLUE	R	RED
BR	BROWN	TQ	TURQUOISE
G	GREEN	V(PR)	PURPLE
GY	GREY	W	WHITE
O	ORANGE	Y	YELLOW

LOCATION CODE	
LOC#	ZONE
1	CONTROL PANEL
2	CONDENSER ZONE
3	HEAT/EXT CASING
4	SUPPLY FAN ZONE
5	EVAP/FILTERS
6	RETURN AIR ZONE
7	CUSTOMER PROVIDED

	LEGEND	
REF DES	DESCRIPTION	LINE NO
3BT15	SENSOR - FREEZESTAT	742
3BT15	SENSOR - FREEZESTAT	729
3KF39	LLID (HEX) - HEAT STATUS	736
3KF39	LLID (HEX) - HEAT STATUS	742
3MB8	ACTUATOR - HYDRONIC HEAT	772
3MB8	ACTUATOR - HYDRONIC HEAT	726

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 THE LINE NUMBER POINTING UPWARD INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.

1 3BT15 CLOSING WHEN TEMPERATURE DROPS TO FACTORY SETPOINT OF 40° F

2 3MB8 ACTUATOR IS SHIPPED IN A BOX AND INSTALLED BY FIELD TECHNICIAN

DESIGNER:	A. WAEDELDE
ENGINEER:	R. ROBINSON
TRANE @ DATE:	10-OCT-2022
REPLACES:	
SIMILAR TO:	
REVISION DATE:	10-OCT-2022
REVISED BY:	R. JOHNSON
APPROVED BY:	R. ROBINSON
CAD SYSTEM USED:	CREO SCHEMATICS

TRANE®

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WRITTEN CONSENT OF TRANE.

IPAK 2
SCHEMATIC
HYDRONIC HEAT

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
	12134681	13 OF 17	B