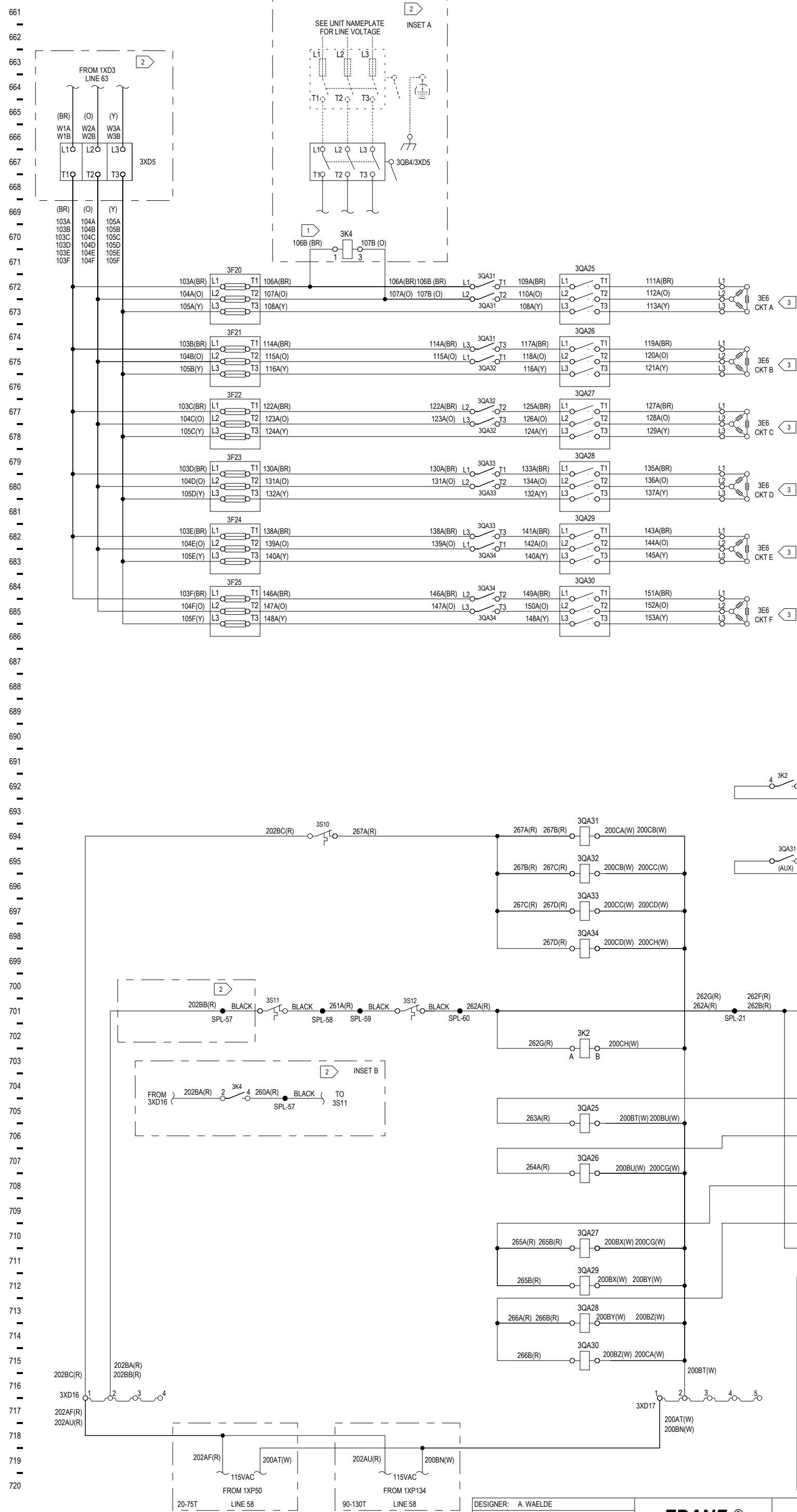




WIRE COLOR ABBREVIATION CODES			
CODE	COLOR	CODE	COLOR
BK	BLACK	PK	PINK
BL	BLUE	R	RED
BR	BROWN	TQ	TURQUOISE
G	GREEN	V.(PR)	PURPLE
GY	GREY	W	WHITE
O	ORANGE	Y	YELLOW

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

CAUTION

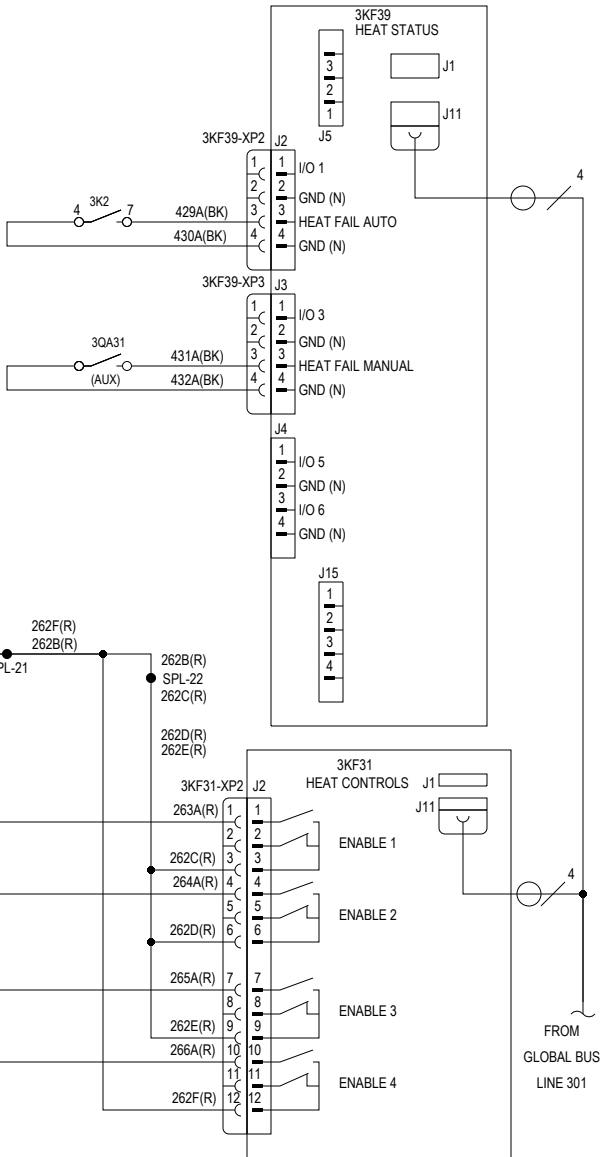
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

ATTENTION

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!
LES BORNES DE L'UNIT É NÉ SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.
L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'ÉQUIPEMENT.

PRECAUCIÓN

¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!
LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.
SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.



REF DES	DESCRIPTION	LINE NO
3E6	HEATER ELEMENT	672, 674, 677, 679, 682, 685
3F20	FUSEBLOCK - BRANCH CIRCUIT #1	672
3F21	FUSEBLOCK - BRANCH CIRCUIT #2	675
3F22	FUSEBLOCK - BRANCH CIRCUIT #3	677
3F23	FUSEBLOCK - BRANCH CIRCUIT #4	680
3F24	FUSEBLOCK - BRANCH CIRCUIT #5	682
3F25	FUSEBLOCK - BRANCH CIRCUIT #6	685
3K2	RELAY - HEAT FAIL	692, 703
3K4	RELAY - DUAL POINT POWER PROVING	671, 704
3KF31	LLID (QUAD) - HEAT CONTROLS	704
3KF39	LLID (HEX) - HEAT FAIL SIGNAL	702
3QA25	CONTACTOR - BRANCH CIRCUIT #1	672, 705
3QA26	CONTACTOR - BRANCH CIRCUIT #2	675, 707
3QA27	CONTACTOR - BRANCH CIRCUIT #3	677, 710
3QA28	CONTACTOR - BRANCH CIRCUIT #4	680, 713
3QA29	CONTACTOR - BRANCH CIRCUIT #5	682, 712
3QA30	CONTACTOR - BRANCH CIRCUIT #6	685, 715
3QA31	CONTACTOR - BACKUP #1	672, 673, 675, 694, 695
3QA32	CONTACTOR - BACKUP #2	675, 677, 678, 695
3QA33	CONTACTOR - BACKUP #3	680, 682, 697
3QA34	CONTACTOR - BACKUP #4	683, 685, 699
3QB4/3XD5	ELECTRIC HEAT DISCONNECT / TERMINAL BLOCK	666
3S10	SWITCH - TEMP (MANUAL RESET)	694
3S11	SWITCH - TEMP (AUTO RESET #1)	701
3S12	SWITCH - TEMP (AUTO RESET #2)	701
3XD16	TERMINAL BLOCK - 115VAC	716
3XD17	TERMINAL BLOCK - 115VAC COMMON	716

- NOTES:
- 1 3K4 RELAY IS USED WITH 200/230V UNITS TO VERIFY SEPARATE POWER SOURCE IS TURNED ON.
 - 2 WIRING SHOWN FOR 380-575VAC UNITS. SEE INSET A AND INSET B FOR 200-230VAC UNITS.
 - 3 HEATING ELEMENTS ARE SHOWN DELTA CONNECTED, BUT MAY BE WYE CONNECTED.

DESIGNER: A. WAELDE
ENGINEER: S. MCKINLEY
TRANE © DATE: 5-FEB-2022
REPLACES:
SIMILAR TO:
REVISION DATE: 5-FEB-2022
REVISED BY: A. WAELDE
APPROVED BY: S. MCKINLEY
CAD SYSTEM USED: CREO SCHEMATICS

TRANE®

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IPAK 1
SCHEMATIC
ELECTRIC HEAT
6 CIRCUIT

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
	12134380	12 OF 17	B