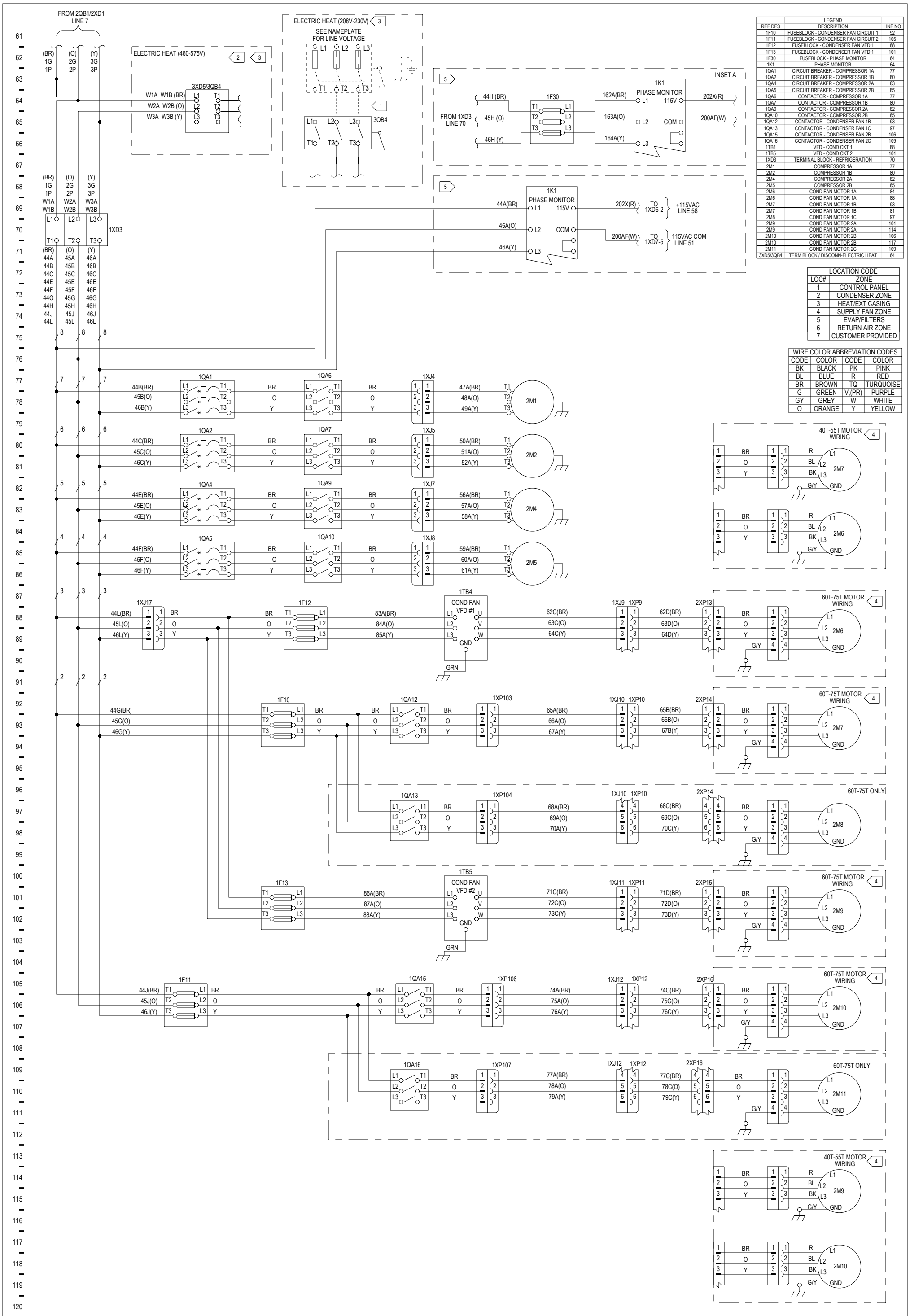

LEGEND		
REF DES	DESCRIPTION	LINE NO
1F10	FUSEBLOCK - CONDENSER FAN CIRCUIT 1	92
1F11	FUSEBLOCK - CONDENSER FAN CIRCUIT 2	105
1F12	FUSEBLOCK - CONDENSER FAN VFD 1	88
1F13	FUSEBLOCK - CONDENSER FAN VFD 1	101
1F30	FUSEBLOCK - PHASE MONITOR	64
1K1	PHASE MONITOR	64
1QA1	CIRCUIT BREAKER - COMPRESSOR 1A	77
1QA2	CIRCUIT BREAKER - COMPRESSOR 1B	80
1QA4	CIRCUIT BREAKER - COMPRESSOR 2A	83
1QA5	CIRCUIT BREAKER - COMPRESSOR 2B	85
1QA6	CONTACTOR - COMPRESSOR 1A	77
1QA7	CONTACTOR - COMPRESSOR 1B	80
1QA9	CONTACTOR - COMPRESSOR 2A	82
1QA10	CONTACTOR - COMPRESSOR 2B	85
1QA12	CONTACTOR - CONDENSER FAN 1B	93
1QA13	CONTACTOR - CONDENSER FAN 1C	97
1QA15	CONTACTOR - CONDENSER FAN 2B	106
1QA16	CONTACTOR - CONDENSER FAN 2C	109
1TB4	VFD - COND CKT 1	88
1TB5	VFD - COND CKT 2	101
1XD3	TERMINAL BLOCK - REFRIGERATION	70
2M1	COMPRESSOR 1A	77
2M2	COMPRESSOR 1B	80
2M4	COMPRESSOR 2A	82
2M5	COMPRESSOR 2B	85
2M6	COND FAN MOTOR 1A	84
2M6	COND FAN MOTOR 1A	88
2M7	COND FAN MOTOR 1B	93
2M7	COND FAN MOTOR 1B	81
2M8	COND FAN MOTOR 1C	97
2M9	COND FAN MOTOR 2A	101
2M9	COND FAN MOTOR 2A	114
2M10	COND FAN MOTOR 2B	106
2M10	COND FAN MOTOR 2B	117
2M11	COND FAN MOTOR 2C	109
3XD5/3QB4	TERM BLOCK / DISCONN-ELECTRIC HEAT	64

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

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

NOTES:

1. 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.
2. SEE APPLICABLE HEATING SECTION DIAGRAM FOR BALANCE OF CIRCUIT.
3. CONNECTIONS SHOWN FOR 460V-575V/60HZ/3PH. FOR 208V-230V/60HZ/3PH, SEE INSET.
4. CONNECTIONS FOR 60T-75T UNITS ARE MADE AT 4-PIN MOLDED PLUG ON BODY OF MOTOR. FOR 40T-55T UNITS, CONNECTIONS ARE MADE AT 3-PIN MOLDED PLUG ON MOTOR MOUNT AND GROUND WIRE IS SEPARATE.
5. WIRING SHOWN FOR STANDARD SCCR UNITS. SEE INSET A FOR HIGH SCCR UNITS.

DESIGNER:	T. PEED
ENGINEER:	E. CAROTA
TRANE © DATE:	21-FEB-2024
REPLACES:	
SIMILAR TO:	
REVISION DATE:	22-APR-2024
REVISED BY:	T. PEED
APPROVED BY:	E. CAROTA
CAD SYSTEM USED:	CREO SCHEMATICS

TRANE ®

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IPAK 3
POWER SCHEMATIC,
40T-75T
REFRIGERATION WITH
COND FAN VFD

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
	12134999	2 OF 16	B