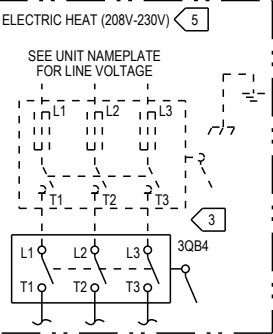
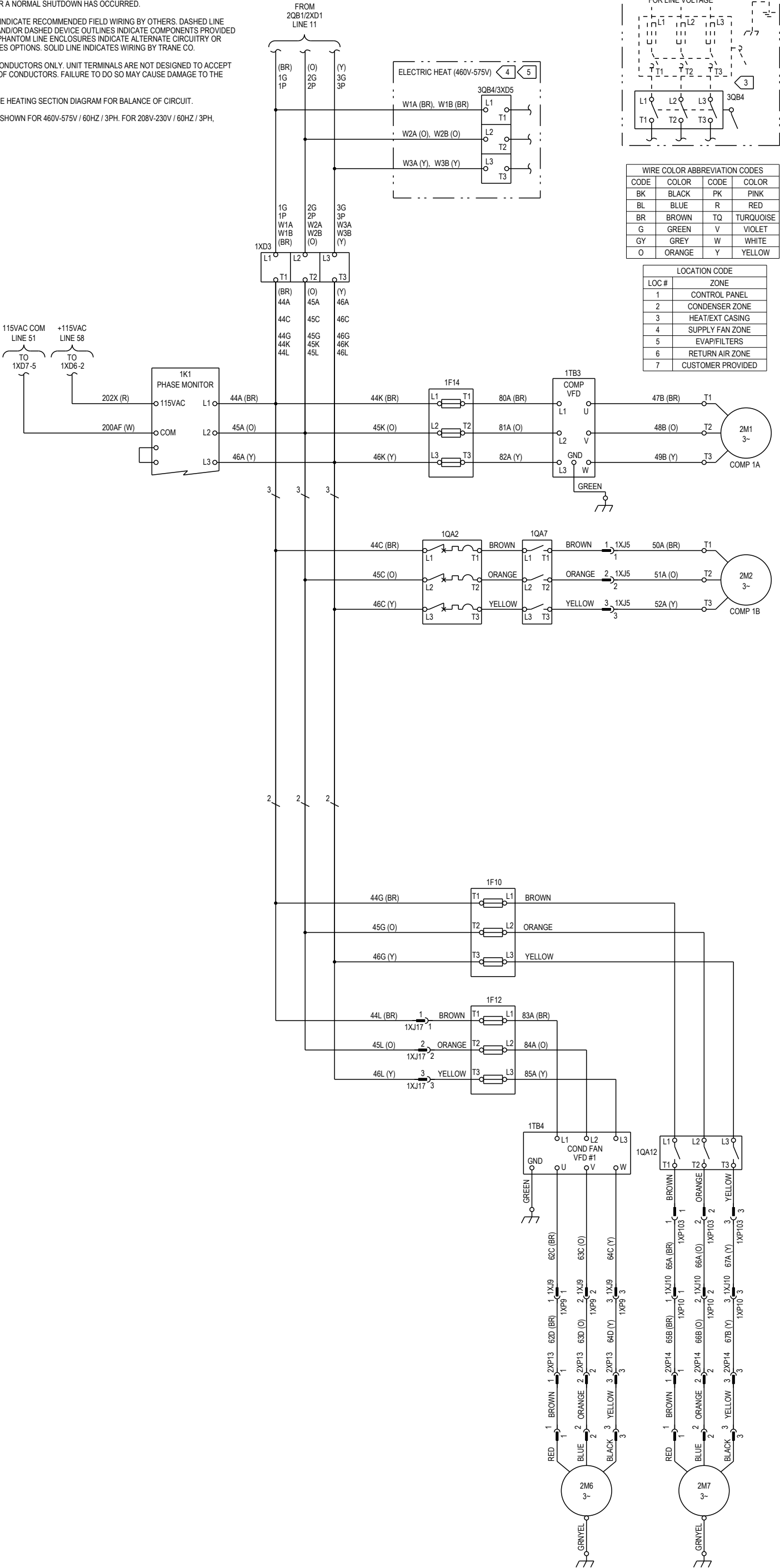


NOTES:

1. 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.
2. 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.
3. 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.
4. SEE APPLICABLE HEATING SECTION DIAGRAM FOR BALANCE OF CIRCUIT.
5. CONNECTIONS SHOWN FOR 460V-575V / 60HZ / 3PH. FOR 208V-230V / 60HZ / 3PH, SEE INSET.



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

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		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1F10	FUSEBLOCK - COND FAN	92
1F12	FUSEBLOCK - COND FAN VFD	96
1F14	FUSEBLOCK - VFD	75
1K1	PHASE MONITOR	75
1QA12	CONTACTOR - COND FAN 1B	100
1QA2	CIRCUIT BREAKER - COMPRESSOR 1B	80
1QA7	CONTACTOR - COMPRESSOR 1B	80
1TB3	COMPRESSOR - VFD	75
1TB4	VFD - COND FAN	100
1XD3	TERMINAL BLOCK - CONDENSER POWER	70
2M1	COMPRESSOR 1A	75
2M2	COMPRESSOR 1B	80
2M6	MOTOR - COND FAN 1A	112
2M7	MOTOR - COND FAN 1B	112
3QB4/3XD5	DISCONNECT/TERM BLOCK - ELECT HEAT	65

DESIGNER:	D. CONDIE
ENGINEER:	R. ROBINSON
TRANE © DATE:	04/11/18
REPLACES:	---
SIMILAR TO:	---
REVISION DATE:	10/23/18
REVISED BY:	K. EDWARDS
APPROVED BY:	L. D'ALBANI
CAD SYSTEM USED:	PRO/ DIAGRAM

TRANE®

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IEC DESIGN COMPLIANT

INTELLIPAK DIAGRAM POWER SCHEMATIC - 20T-30T REFRIGERATION SYSTEMS WITH COMPRESSOR AND CONDENSER FAN VFD			
MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
12132574	12132578	2 OF 7	C