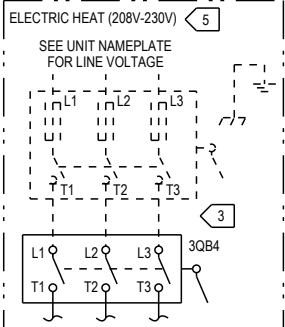


NOTES:

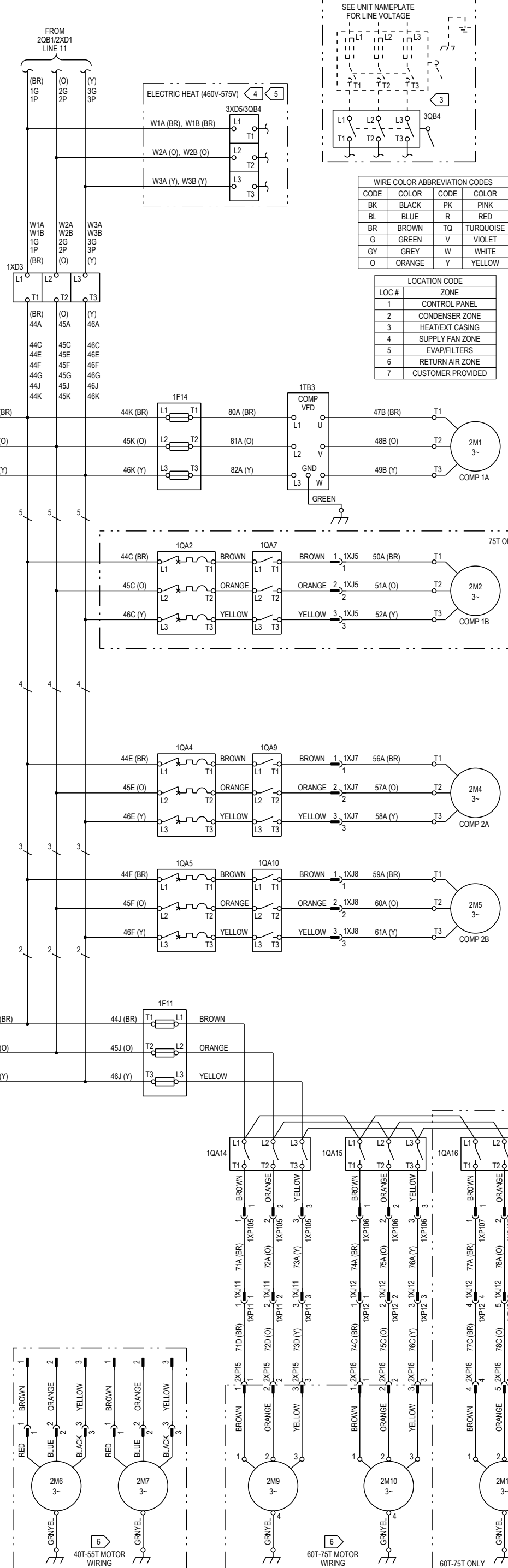
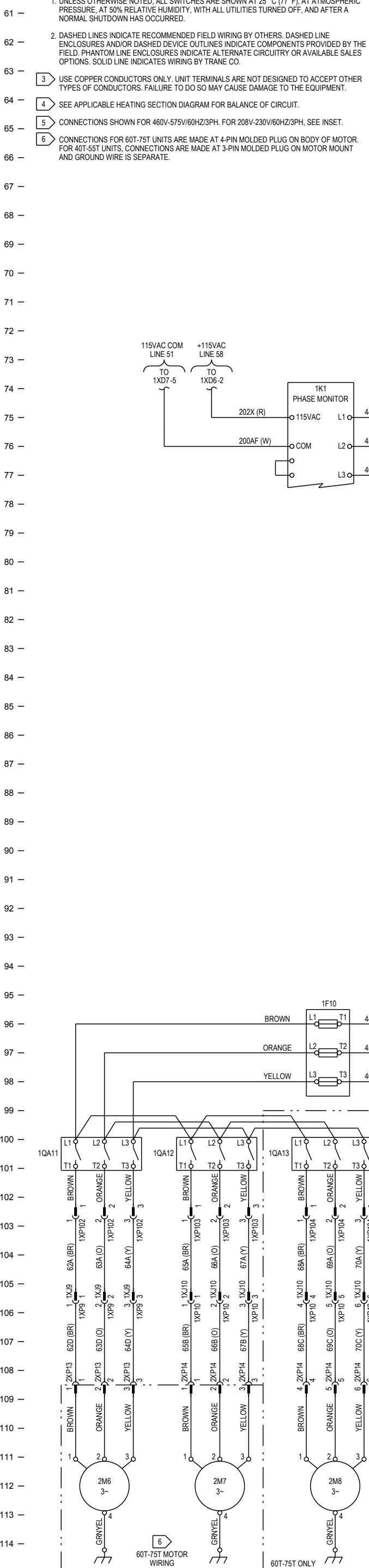
1. UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25° C (77° F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF, AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
2. DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES 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.
6. 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.



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

DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1F10	FUSEBLOCK - COND FAN CKT #1	96
1F11	FUSEBLOCK - COND FAN CKT #2	96
1F14	FUSEBLOCK - VFD	75
1K1	PHASE MONITOR	75
1QA10	CONTACTOR - COMPRESSOR	91
1QA11	CONTACTOR - COND FAN 1A	100
1QA12	CONTACTOR - COND FAN 1B	100
1QA13	CONTACTOR - COND FAN 1C	100
1QA14	CONTACTOR - COND FAN 2A	100
1QA15	CONTACTOR - COND FAN 2B	100
1QA16	CONTACTOR - COND FAN 2C	100
1QA2	CIRCUIT BREAKER - COMPRESSOR 1B	80
1QA4	CIRCUIT BREAKER - COMPRESSOR 2A	87
1QA5	CIRCUIT BREAKER - COMPRESSOR 2B	91
1QA7	CONTACTOR - COMPRESSOR	80
1QA9	CONTACTOR - COMPRESSOR	87
1TB3	COMPRESSOR - VFD	75
1XD3	TERMINAL BLOCK - CONDENSER POWER	70
2M1	COMPRESSOR 1A	75
2M10	MOTOR - COND FAN 2B	112
2M11	MOTOR - COND FAN 2C	112
2M2	COMPRESSOR 1B	80
2M4	COMPRESSOR 2A	87
2M5	COMPRESSOR 2B	91
2M6	MOTOR - COND FAN 1A	112
2M7	MOTOR - COND FAN 1B	112
2M8	MOTOR - COND FAN 1C	112
2M9	MOTOR - COND FAN 2A	112
3XD5/3QB4	TERM BLOCK / DISCONN - ELECTRIC 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 - 40T-75T

REFRIGERATION SYSTEMS

WITH COMPRESSOR VFD

MASTER NUMBER: 12132569

DRAWING NUMBER: 12132571

SHEET: 2 OF 7

REV: C