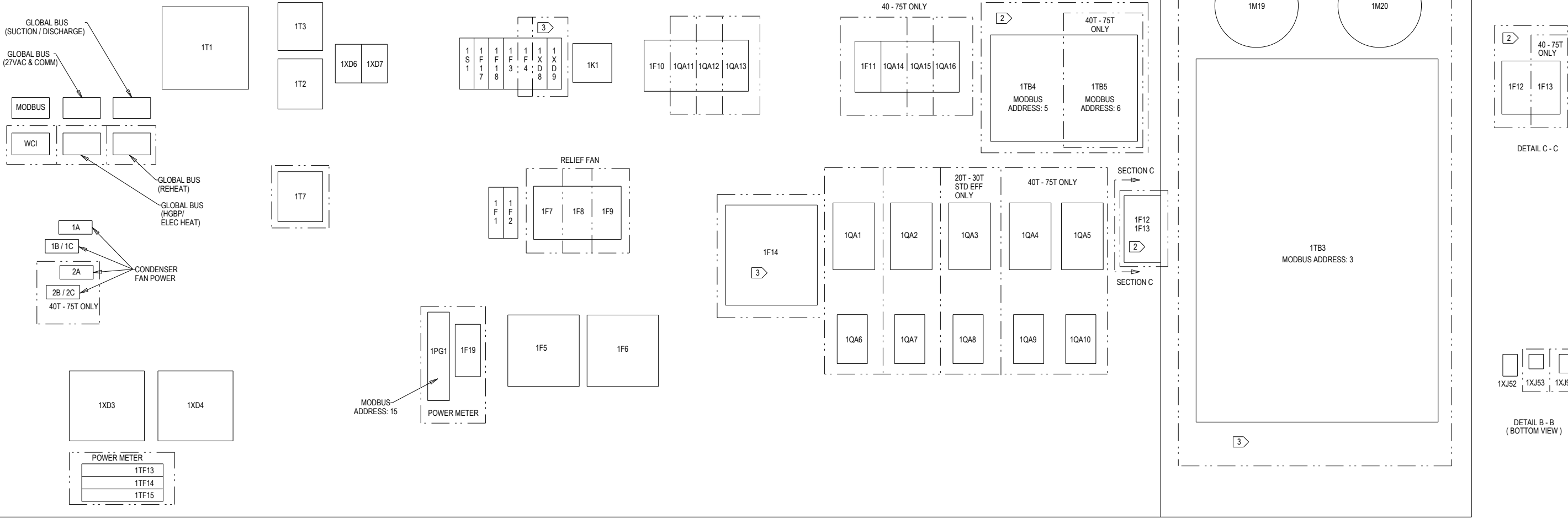


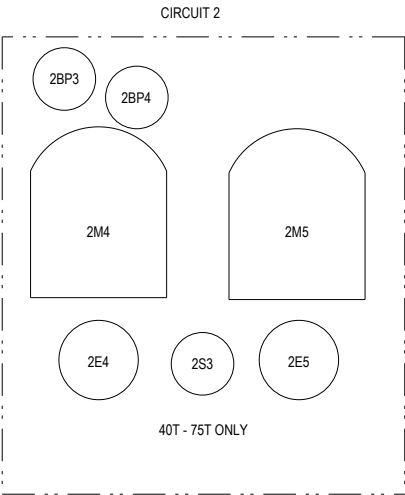
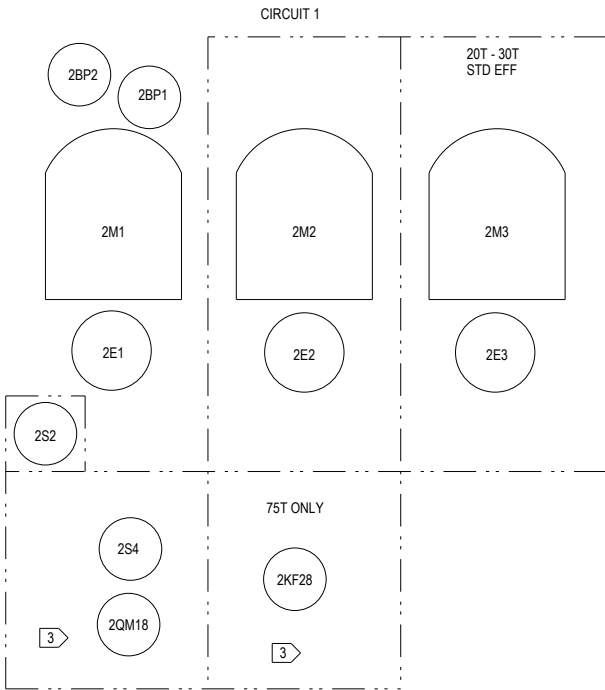
DEVICE DESIG	DESCRIPTION
1F1	FUSE - CONTROLS TRANSFORMER
1F2	FUSE - CONTROLS TRANSFORMER
1F3	FUSE - COMPRESSOR CKT #1
1F4	FUSE - COMPRESSOR CKT #2
1F5	FUSEBLOCK - SUPPLY VFD #1
1F6	FUSEBLOCK - SUPPLY VFD #2
1F7	FUSEBLOCK - RELIEF FAN #1
1F8	FUSEBLOCK - RELIEF FAN #2
1F9	FUSEBLOCK - RELIEF FAN #3
1F10	FUSEBLOCK - COND FAN CKT #1
1F11	FUSEBLOCK - COND FAN CKT #2
1F12	FUSEBLOCK - COND FAN VFD #1
1F13	FUSEBLOCK - COND FAN VFD #2
1F14	FUSEBLOCK - VSC
1F17	FUSE - 27VAC TRANSFORMER PRIMARY
1F18	FUSE - 27VAC TRANSFORMER PRIMARY
1F19	FUSEBLOCK - POWER METER
1K1	PHASE MONITOR
1M19	MOTOR - VFD VENTILATION FAN
1M20	MOTOR - VFD VENTILATION FAN
1PG1	POWER METER
1QA1	CIRCUIT BREAKER - COMPRESSOR 1A
1QA2	CIRCUIT BREAKER - COMPRESSOR 1B
1QA3	CIRCUIT BREAKER - COMPRESSOR 1C
1QA4	CIRCUIT BREAKER - COMPRESSOR 2A
1QA5	CIRCUIT BREAKER - COMPRESSOR 2B
1QA6	CONTACTOR - COMPRESSOR 1A
1QA7	CONTACTOR - COMPRESSOR 1B
1QA8	CONTACTOR - COMPRESSOR 1C
1QA9	CONTACTOR - COMPRESSOR 2A
1QA10	CONTACTOR - COMPRESSOR 2B
1QA11	CONTACTOR - COND FAN 1A
1QA12	CONTACTOR - COND FAN 1B
1QA13	CONTACTOR - COND FAN 1C
1QA14	CONTACTOR - COND FAN 2A
1QA15	CONTACTOR - COND FAN 2B
1QA16	CONTACTOR - COND FAN 2C
1S1	CONTROLS CIRCUIT - 115VAC
1T1	TRANSFORMER - 115VAC CONTROLS
1T2	TRANSFORMER - 27VAC
1T3	TRANSFORMER - 27VAC
1T7	TRANSFORMER - 24VAC
1TB3	VFD - COMPRESSOR
1TB4	VFD - COND FAN CKT #1
1TB5	VFD - COND FAN CKT #2
1TF13	TRANSDUCER - CURRENT
1TF14	TRANSDUCER - CURRENT
1TF15	TRANSDUCER - CURRENT
1XD3	TERMINAL BLOCK - CONDENSER POWER
1XD4	TERMINAL BLOCK - AIR SIDE
1XD6	TERMINAL BLOCK - 115VAC
1XD7	TERMINAL BLOCK - 115VAC COM
1XD8	TERMINAL BLOCK - 115VAC
1XD9	TERMINAL BLOCK - 115VAC COM
2BP1	SENSOR - DISCHARGE PRESSURE CKT#1
2BP2	SENSOR - SUCTION PRESSURE CKT#1
2BP3	SENSOR - DISCHARGE PRESSURE CKT#2
2BP4	SENSOR - SUCTION PRESSURE CKT#2
2E1	CRANKCASE HEATER (COMP) 1A
2E2	CRANKCASE HEATER (COMP) 1B
2E3	CRANKCASE HEATER (COMP) 1C
2E4	CRANKCASE HEATER (COMP) 2A
2E5	CRANKCASE HEATER (COMP) 2A
2KF28	MODULE - COMPRESSOR PROTECTION
2M1	COMPRESSOR 1A
2M2	COMPRESSOR 1B
2M3	COMPRESSOR 1C
2M4	COMPRESSOR 2A
2M5	COMPRESSOR 2B
2QM18	SOLENOID - OIL
2S2	SWITCH - HIGH PRESSURE CUTOUT
2S3	SWITCH - HIGH PRESSURE CUTOUT
2S4	SWITCH - HIGH PRESSURE CUTOUT (VSC)



NOTES:
1. SOME COMPONENTS SHOWN ARE OPTIONAL AND MAY NOT BE PRESENT. SEE UNIT SCHEMATIC FOR OPTIONAL UNIT CONFIGURATION.

2 LOW AMBIENT OPTION

3 VARIABLE SPEED COMPRESSOR OPTION



FUSE REPLACEMENT TABLE														
TRANSFORMER PROTECTION 1F1, 1F2 - CLASS CC		200V	230V	460V/575V	CONTROLS CIRCUIT SWITCH 1S1 - CLASS CC		20A	115V CIRCUIT PROTECTION 1F3, 1F4 -CLASS CC		5A	27V CIRCUIT PROTECTION 1F17, 1F18 - CLASS CC		5A	
		25A	20A	8A										
CONDENSER MOTOR CIRCUIT CLASS CC (x3 EA)		1F10, 1F11	1F12, 1F13		RELIEF MOTOR PROTECTION 1F7, 1F8, 1F9 - CLASS CC (x3 EA)			25A	POWER METER PROTECT 1F19 - CLASS CC (x3 EA)		0.5A			
		15A	10A											
SUPPLY VFD FUSES - 1F5, 1F6														
DIRECT DRIVE MOTORS (WITHOUT BYPASS) - CLASS J - FAST ACTING (x3 EA)														
UNIT VOLTAGE	1.5 HP (2x)	3 HP (2x)	5 HP (2x)	7.5 HP (2x)	10 HP (2x)		15 HP (2x)		20 HP (2x)		25 HP (2x)			
					4P	6P	4P	6P	4P	6P	4P	6P		
200V/60/3	10A	25A	50A	80A	80A	80A	100A	100A	100A	100A	100A	N/A		
230V/60/3	10A	25A	25A	50A	80A	80A	80A	80A	100A	100A	100A	N/A		
460V/60/3	10A	15A	15A	25A	25A	50A	50A	50A	50A	50A	80A	N/A		
575V/60/3	20A	20A	20A	20A	20A	30A	30A	30A	30A	80A	80A	N/A		
DIRECT DRIVE MOTORS (WITH BYPASS) - CLASS J - TIME DELAY (x3 EA)														
UNIT VOLTAGE	1.5 HP (2x)	3 HP (2x)	5 HP (2x)		7.5 HP (2x)		10 HP (2x)		15 HP (2x)		20 HP (2x)		25 HP (2x)	
			4P	6P	4P	6P	4P	6P	4P	6P	4P	6P	4P	6P
200V/60/3	10A	20A	30A	30A	40A	45A	60A	60A	80A	100A	N/A	N/A	N/A	N/A
230V/60/3	10A	20A	30A	30A	40A	40A	60A	50A	80A	80A	N/A	N/A	N/A	N/A
460V/60/3	5A	10A	15A	15A	20A	20A	25A	25A	35A	40A	45A	50A	60A	N/A
575V/60/3	5A	10A	10A	15A	15A	15A	20A	20A	30A	30A	35A	40A	45A	N/A
COMPRESSOR VFD FUSES - 1F14														
UNIT VOLTAGE	CLASS T (x3 EA)			CLASS J (x3 EA)										
	20T-25T	30T-40T	50T-75T	20T-25T	30T-40T									
200V/60/3	150A	200A	250A	N/A	N/A									
230V/60/3	150A	200A	250A	N/A	N/A									
460V/60/3	N/A	N/A	125A	80A	100A									
575V/60/3	N/A	N/A	125A	80A	100A									

DESIGNER:	C SZYMANSKI
ENGINEER:	L. D'ALBANI
TRANE © DATE:	6/5/2018
REPLACES:	--
SIMILAR TO:	--
REVISION DATE:	5/15/19
REVISED BY:	K. EDWARDS
APPROVED BY:	S. MCKINLEY
CAD SYSTEM USED:	CREO PARAMETRIC

TRANE®

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THE WRITTEN CONSENT OF TRANE.

IEC DESIGN COMPLIANT

**INTELLIPAK
DIAGRAM**

COMPONENT LAYOUT - MAIN CONTROL PANEL

--

MASTER NUMBER:

DRAWING NUMBER:

SHEET:

REV

12132873

1 OF 1

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