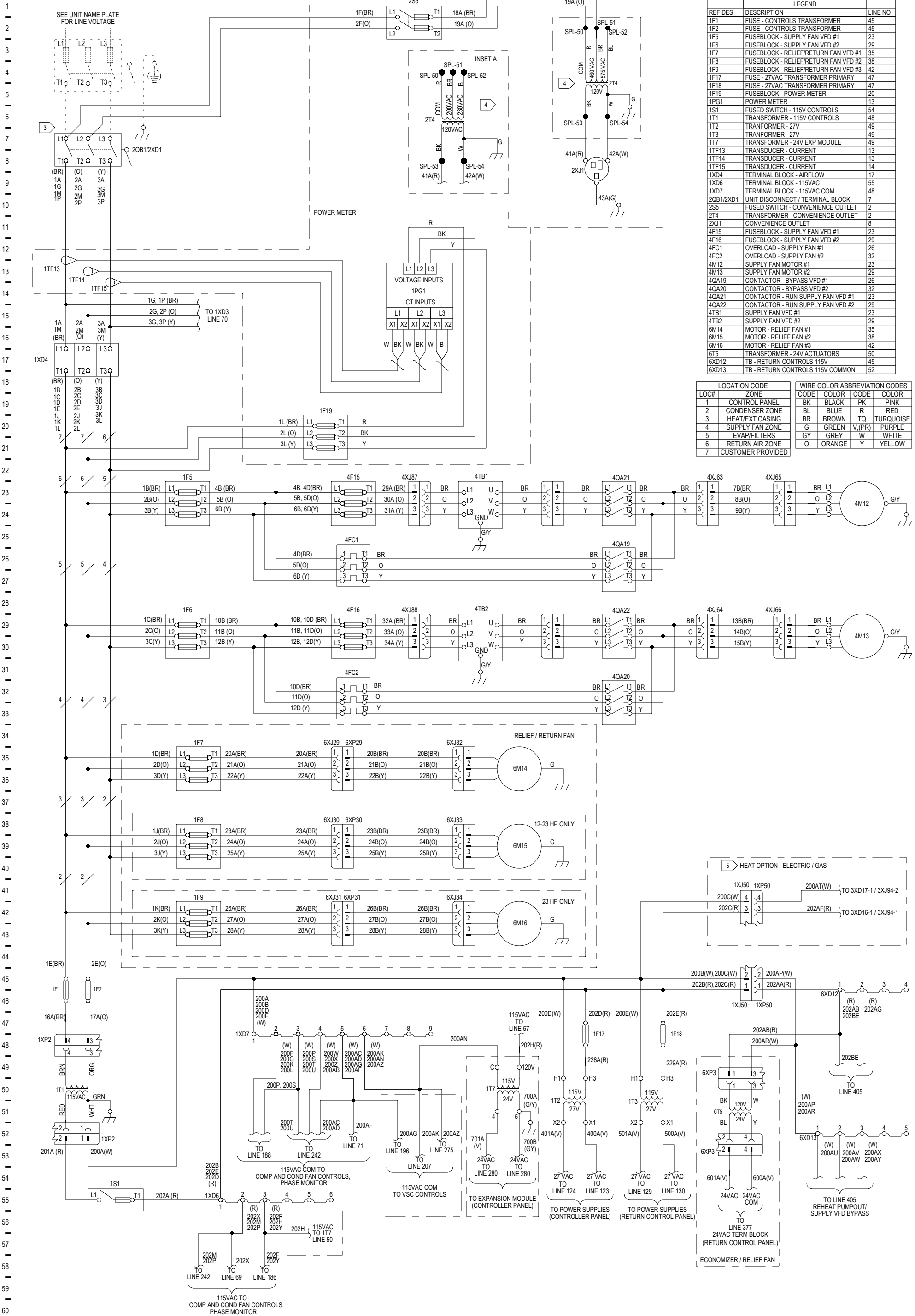




LEGEND		
REF DES	DESCRIPTION	LINE NO
1F1	FUSE - CONTROLS TRANSFORMER	45
1F2	FUSE - CONTROLS TRANSFORMER	45
1F5	FUSEBLOCK - SUPPLY FAN VFD #1	23
1F6	FUSEBLOCK - SUPPLY FAN VFD #2	29
1F7	FUSEBLOCK - RELIEF/RETURN FAN VFD #1	35
1F8	FUSEBLOCK - RELIEF/RETURN FAN VFD #2	38
1F9	FUSEBLOCK - RELIEF/RETURN FAN VFD #3	42
1F17	FUSE - 27VAC TRANSFORMER PRIMARY	47
1F18	FUSE - 27VAC TRANSFORMER PRIMARY	47
1F19	FUSEBLOCK - POWER METER	20
1PG1	POWER METER	13
1S1	FUSED SWITCH - 115V CONTROLS	54
1T1	TRANSFORMER - 115V CONTROLS	48
1T2	TRANSFORMER - 27V	49
1T3	TRANSFORMER - 27V	49
1T7	TRANSFORMER - 24V EXP MODULE	49
1TF13	TRANSUDUCER - CURRENT	13
1TF14	TRANSUDUCER - CURRENT	13
1TF15	TRANSUDUCER - CURRENT	14
1XD4	TERMINAL BLOCK - AIRFLOW	17
1XD6	TERMINAL BLOCK - 115VAC	55
1XD7	TERMINAL BLOCK - 115VAC COM	48
2QB1/2XD1	UNIT DISCONNECT / TERMINAL BLOCK	7
2S5	FUSED SWITCH - CONVENIENCE OUTLET	2
2T4	TRANSFORMER - CONVENIENCE OUTLET	2
2XJ1	CONVENIENCE OUTLET	8
4F15	FUSEBLOCK - SUPPLY FAN VFD #1	23
4F16	FUSEBLOCK - SUPPLY FAN VFD #2	29
4FC1	OVERLOAD - SUPPLY FAN #1	26
4FC2	OVERLOAD - SUPPLY FAN #2	32
4M12	SUPPLY FAN MOTOR #1	23
4M13	SUPPLY FAN MOTOR #2	29
4QA19	CONTACTOR - BYPASS VFD #1	26
4QA20	CONTACTOR - BYPASS VFD #2	32
4QA21	CONTACTOR - RUN SUPPLY FAN VFD #1	23
4QA22	CONTACTOR - RUN SUPPLY FAN VFD #2	29
4TB1	SUPPLY FAN VFD #1	23
4TB2	SUPPLY FAN VFD #2	29
6M14	MOTOR - RELIEF FAN #1	35
6M15	MOTOR - RELIEF FAN #2	38
6M16	MOTOR - RELIEF FAN #3	42
6T5	TRANSFORMER - 24V ACTUATORS	50
6XD12	TB - RETURN CONTROLS 115V	45
6XD13	TB - RETURN CONTROLS 115V COMMON	52

LOCATION CODE		WIRE COLOR ABBREVIATION CODES			
LOC#	ZONE	CODE	COLOR	CODE	COLOR
1	CONTROL PANEL	BK	BLACK	PK	PINK
2	CONDENSER ZONE	BL	BLUE	R	RED
3	HEAT/EXT CASING	BR	BROWN	TQ	TURQUOISE
4	SUPPLY FAN ZONE	G	GREEN	V(PR)	PURPLE
5	EVAP/FILTERS	GY	GREY	W	WHITE
6	RETURN AIR ZONE	O	ORANGE	Y	YELLOW
7	CUSTOMER PROVIDED				

DESIGNER: T. PEED
ENGINEER: E. CAROTA
TRANE © DATE: 3/13/2024
REPLACES:
SIMILAR TO:
REVISION DATE: 5/23/2024
REVISED BY: T. PEED
APPROVED BY: E. CAROTA
CAD SYSTEM USED: CREO SCHEMATICS

TRANE®

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IPAK3
POWER SCHEMATIC
20T-75T AIRFLOW
AND CONTROLS W/
VFD BYPASS

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
	12134996	1 OF 16	B