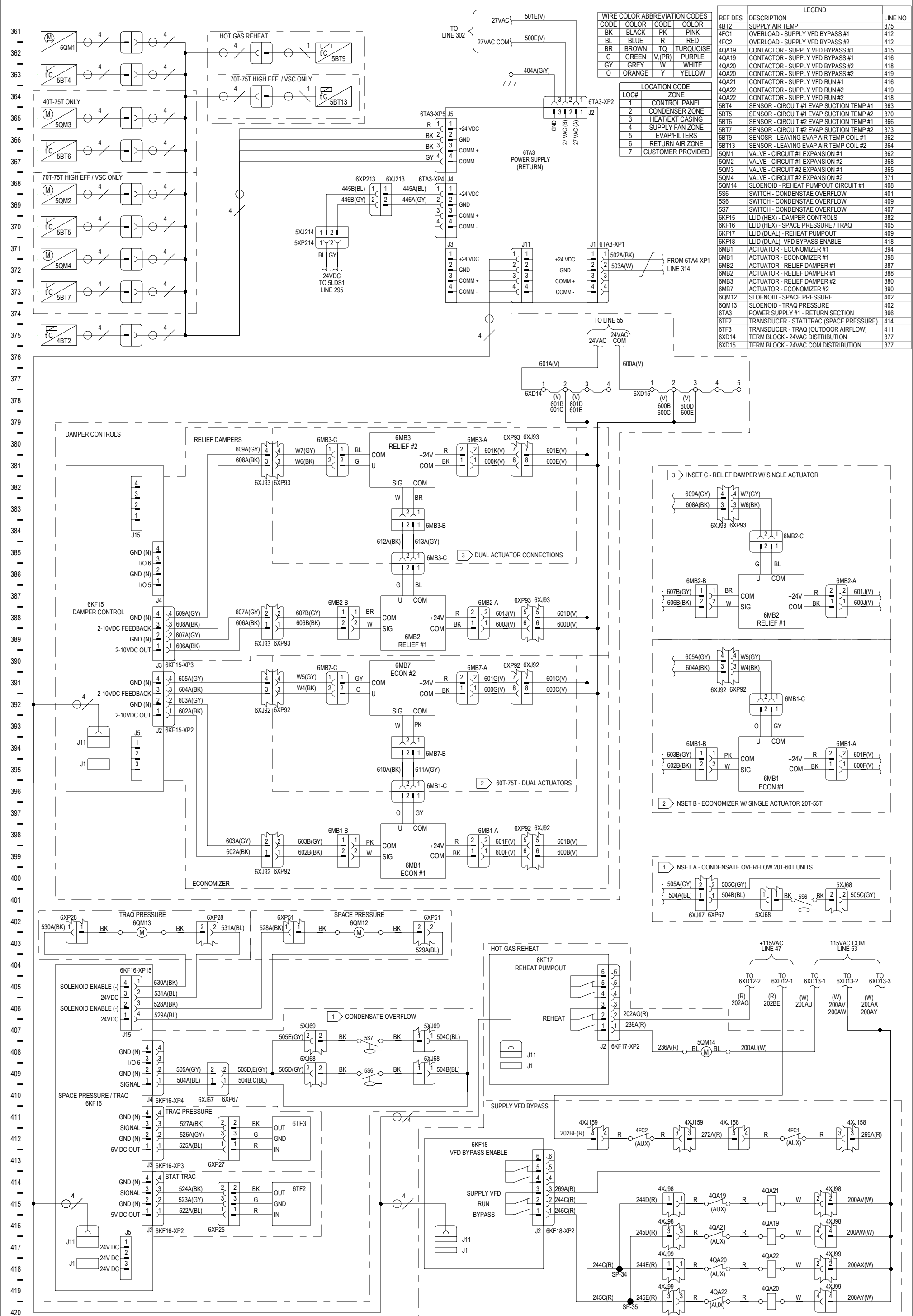




WIRE COLOR ABBREVIATION CODES			
CODE	COLOR	CODE	COLOR
BK	BLACK	PK	PINK
BL	BLUE	R	RED
BR	BROWN	TQ	TURQUOISE
G	GREEN	V(PR)	PURPLE
GY	GREY	W	WHITE
O	ORANGE	Y	YELLOW

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		
REF DES	DESCRIPTION	LINE NO
4BT2	SUPPLY AIR TEMP	375
4FC1	OVERLOAD - SUPPLY VFD BYPASS #1	412
4FC2	OVERLOAD - SUPPLY VFD BYPASS #2	412
4QA19	CONTACTOR - SUPPLY VFD BYPASS #1	415
4QA20	CONTACTOR - SUPPLY VFD BYPASS #2	416
4QA20	CONTACTOR - SUPPLY VFD BYPASS #2	418
4QA21	CONTACTOR - SUPPLY VFD RUN #1	416
4QA22	CONTACTOR - SUPPLY VFD RUN #2	419
4QA22	CONTACTOR - SUPPLY VFD RUN #2	418
5BT4	SENSOR - CIRCUIT #1 EVAP SUCTION TEMP #1	363
5BT5	SENSOR - CIRCUIT #1 EVAP SUCTION TEMP #2	370
5BT6	SENSOR - CIRCUIT #2 EVAP SUCTION TEMP #1	366
5BT7	SENSOR - CIRCUIT #2 EVAP SUCTION TEMP #2	373
5BT9	SENSOR - LEAVING EVAP AIR TEMP COIL #1	362
5BT13	SENSOR - LEAVING EVAP AIR TEMP COIL #2	364
5QM1	VALVE - CIRCUIT #1 EXPANSION #1	362
5QM2	VALVE - CIRCUIT #1 EXPANSION #2	368
5QM3	VALVE - CIRCUIT #2 EXPANSION #1	365
5QM4	VALVE - CIRCUIT #2 EXPANSION #2	371
5QM14	SLOENOID - REHEAT PUMPOUT CIRCUIT #1	408
5S6	SWITCH - CONDENSAT E OVERFLOW	401
5S6	SWITCH - CONDENSAT E OVERFLOW	409
5S7	SWITCH - CONDENSAT E OVERFLOW	407
6KF15	LLID (HEX) - DAMPER CONTROLS	382
6KF16	LLID (HEX) - SPACE PRESSURE / TRAQ	405
6KF17	LLID (DUAL) - REHEAT PUMPOUT	409
6KF18	LLID (DUAL) -VFD BYPASS ENABLE	418
6MB1	ACTUATOR - ECONOMIZER #1	394
6MB1	ACTUATOR - ECONOMIZER #1	398
6MB2	ACTUATOR - RELIEF DAMPER #1	387
6MB2	ACTUATOR - RELIEF DAMPER #1	388
6MB3	ACTUATOR - RELIEF DAMPER #2	380
6MB7	ACTUATOR - ECONOMIZER #2	390
6QM12	SLOENOID - SPACE PRESSURE	402
6QM13	SLOENOID - TRAQ PRESSURE	402
6TA3	POWER SUPPLY #1 - RETURN SECTION	366
6TF2	TRANSDUCER - STATITRAC (SPACE PRESSURE)	414
6TF3	TRANSDUCER - TRAQ (OUTDOOR AIRFLOW)	411
6XD14	TERM BLOCK - 24VAC DISTRIBUTION	377
6XD15	TERM BLOCK - 24VAC COM DISTRIBUTION	377

- NOTES:
- 1 WIRING SHOWN FOR 70T-75T UNITS. FOR 20T-60T UNITS, SEE INSET A.
 - 2 WIRING SHOWN FOR 60T-75T UNITS. FOR 20T-55T UNITS, SEE INSET B.
 - 3 WIRING SHOWN FOR UNITS WITH 12-23 HP RELIEF FAN MOTORS. FOR UNITS WITH 6-8 HP RELIEF FAN MOTOR, SEE INSET C.

DESIGNER: T. PEED
ENGINEER: E. CAROTA
TRANE © DATE: 3/12/2024
REPLACES:
SIMILAR TO:
REVISION DATE: 5/14/2024
REVISED BY: T. PEED
APPROVED BY: E. CAROTA
CAD SYSTEM USED: CREO SCHEMATICS

TRANE®

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IPAK 3

CONTROLS SCHEMATIC

20T-75T

RETURN SECTION 2 OF 2

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
	12135008	7 OF 16	B