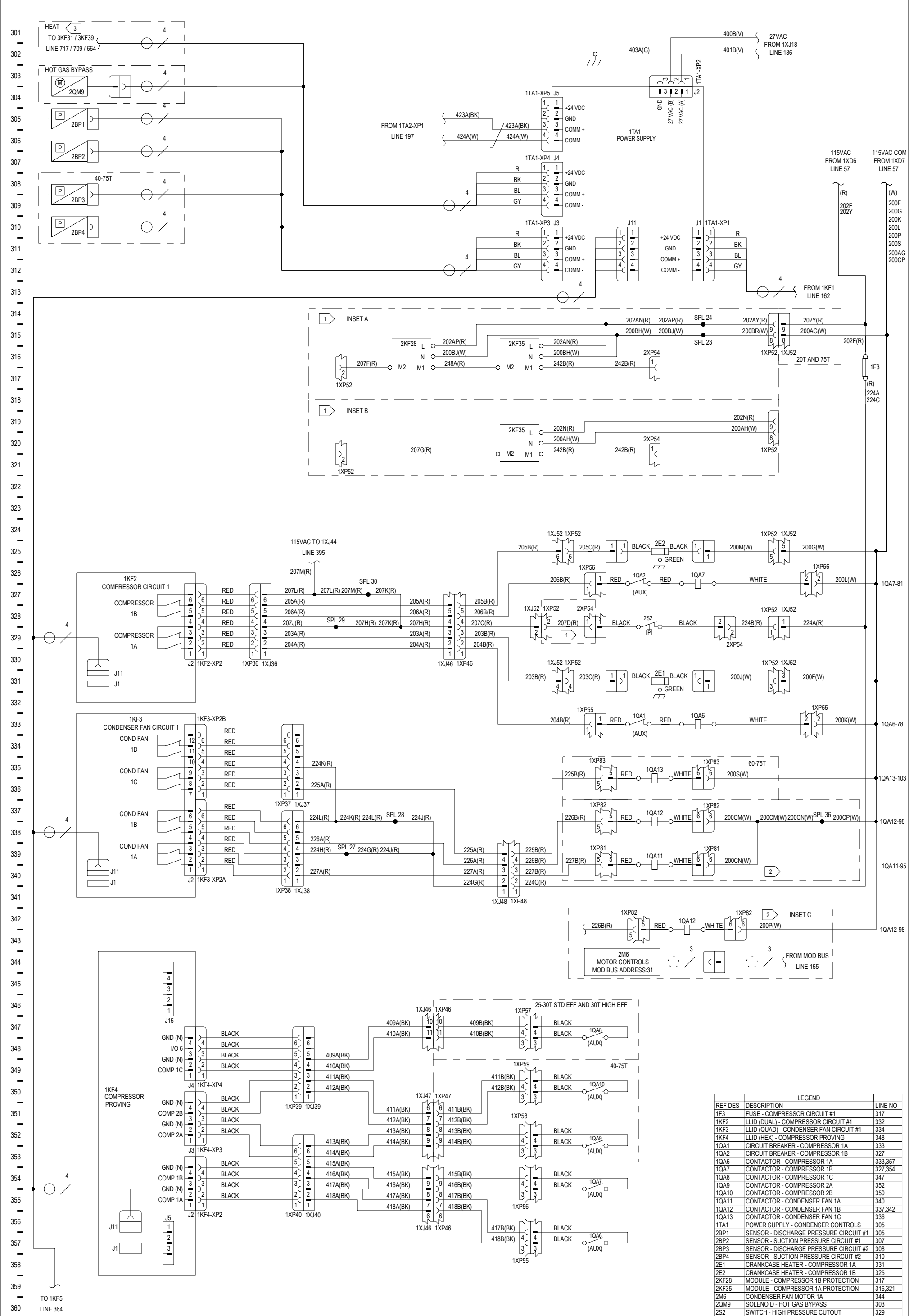




NOTES:

- 1
- WIRING SHOWN FOR 25-70T UNITS. SEE INSET A FOR 75T UNITS SEE INSET B FOR 20T UNITS.
- 2
- WIRING SHOWN FOR STANDARD AMBIENT UNITS. SEE INSET C FOR LOW AMBIENT UNITS.
- 3
- FOR GAS HEAT, REFER TO 3KF31 ON LINE 717. FOR ELECTRIC HEAT, REFER TO 3KF31 ON LINE 709. FOR HYDRONIC HEAT, REFER TO 3KF39 ON LINE 664.

DESIGNER:	R JOHNSON
ENGINEER:	S MCKINLEY
TRANE © DATE:	14 JAN 2022
REPLACES:	
SIMILAR TO:	
REVISION DATE:	24-MAR-2023
REVISED BY:	R. HUBBALLI
APPROVED BY:	S MCKINLEY
CAD SYSTEM USED:	CREO SCHEMATICS

TRANE®

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REF DES	DESCRIPTION	LINE NO
1F3	FUSE - COMPRESSOR CIRCUIT #1	317
1KF2	LLID (DUAL) - COMPRESSOR CIRCUIT #1	332
1KF3	LLID (QUAD) - CONDENSER FAN CIRCUIT #1	334
1KF4	LLID (HEX) - COMPRESSOR PROVING	348
1QA1	CIRCUIT BREAKER - COMPRESSOR 1A	333
1QA2	CIRCUIT BREAKER - COMPRESSOR 1B	327
1QA6	CONTACTOR - COMPRESSOR 1A	333.357
1QA7	CONTACTOR - COMPRESSOR 1B	327.354
1QA8	CONTACTOR - COMPRESSOR 1C	347
1QA9	CONTACTOR - COMPRESSOR 2A	352
1QA10	CONTACTOR - COMPRESSOR 2B	350
1QA11	CONTACTOR - CONDENSER FAN 1A	340
1QA12	CONTACTOR - CONDENSER FAN 1B	337.342
1QA13	CONTACTOR - CONDENSER FAN 1C	336
1TA1	POWER SUPPLY - CONDENSER CONTROLS	305
2BP1	SENSOR - DISCHARGE PRESSURE CIRCUIT #1	305
2BP2	SENSOR - SUCTION PRESSURE CIRCUIT #1	307
2BP3	SENSOR - DISCHARGE PRESSURE CIRCUIT #2	308
2BP4	SENSOR - SUCTION PRESSURE CIRCUIT #2	310
2E1	CRANKCASE HEATER - COMPRESSOR 1A	331
2E2	CRANKCASE HEATER - COMPRESSOR 1B	325
2KF28	MODULE - COMPRESSOR 1B PROTECTION	317
2KF35	MODULE - COMPRESSOR 1A PROTECTION	316.321
2M6	CONDENSER FAN MOTOR 1A	344
2QM9	SOLENOID - HOT GAS BYPASS	303
2S2	SWITCH - HIGH PRESSURE CUTOUT	329

IPAK 1
CONTROLS SCHEMATIC
20-75T REF SYSTEM #1, IND MOTORS

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
	12134366	6 OF 17	C