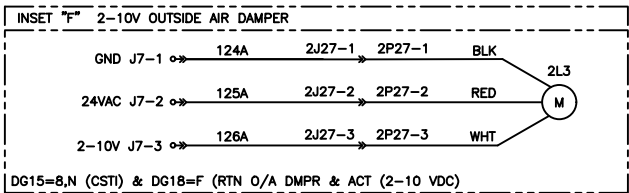
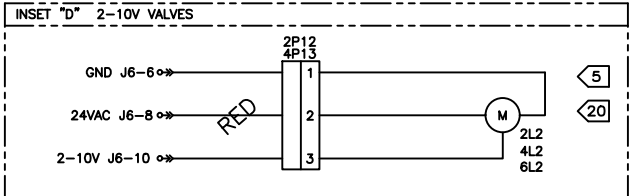
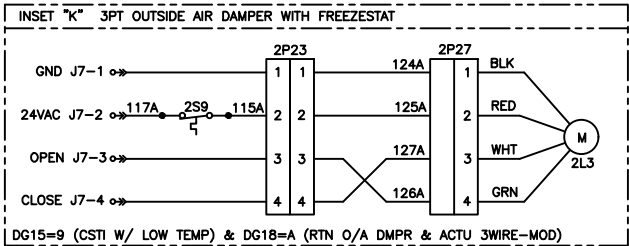
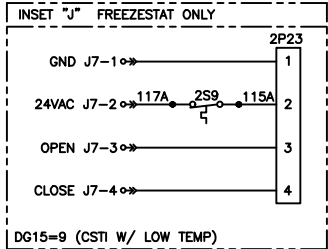
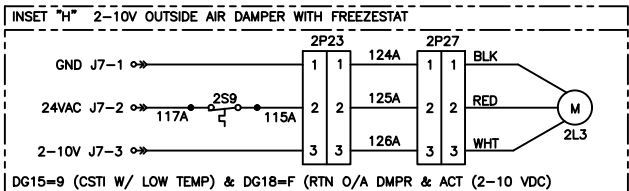
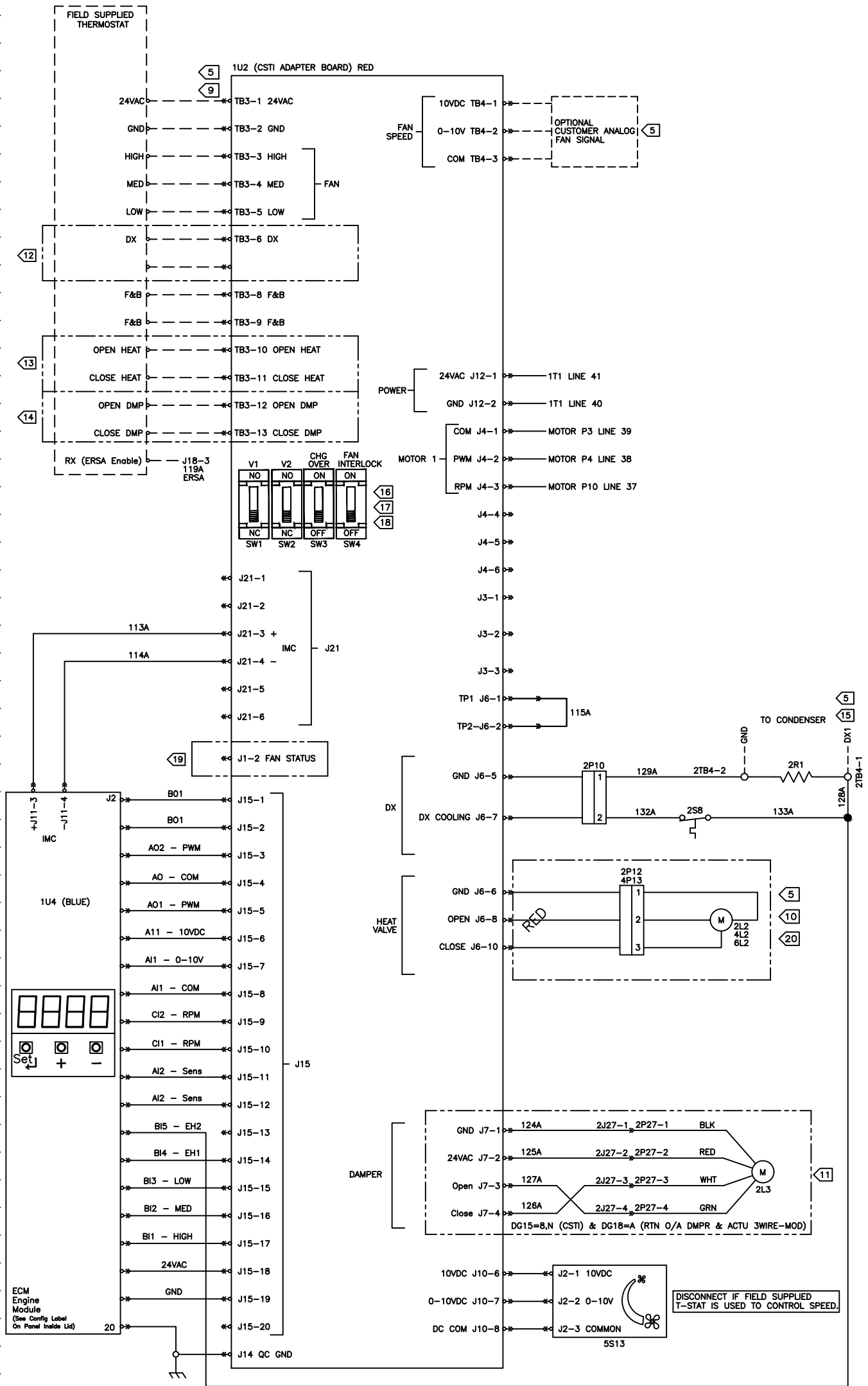
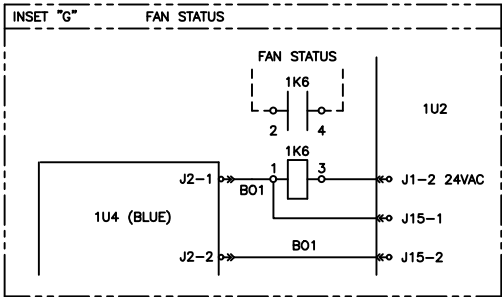
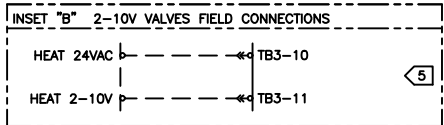
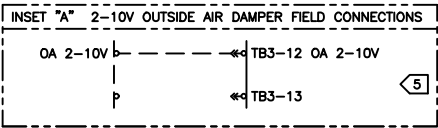


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DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	LH CONTROL PANEL
2	LH END POCKET
3	AIR SECTION
4	RH END POCKET
5	TOP ACCESS PANEL
6	FIELD INSTALLED
7	RH CONTROL BOX E-HT

LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1U2	CSTI ADAPTER BOARD	88,81
1U4	ENGINE BOARD	83,118
1K6	RELAY; FAN STATUS	81,82
2L2	HEATING COIL VALVE MOTOR	118
4L2	HEATING COIL VALVE MOTOR	118
6L2	HEATING COIL VALVE MOTOR	118
2L3	OUTSIDE AIR DAMPER ACTUATOR	102,114,127,128
2R1	RESISTOR; DX 1 STG TEST	114
2S8	DX FROST STAT	115
2S9	FREEZE STAT	102,106,113
5S13	UNIT MOUNTED FAN SWITCH	134

REVISIONS		TRAPE		4619-3722	
REVISION DATE	THE FOLLOWING REVISIONS ARE MADE TO THE ORIGINAL DRAWING. THE REVISION NUMBER, DATE, AND BY MUST BE INDICATED.	SCHEMATIC DIAGRAM			
DRAWN BY	DATE	HORIZONTAL UNIT VENT			
BY SPANN/OUR	DATE	CSTI			
DATE	DATE	DX			
DATE	DATE	SHEET 2			

- NOTES:
- 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.
 - DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINED ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINES INDICATE WIRING BY TRANE CO.
 - ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), STATE AND LOCAL REQUIREMENTS. ALL FIELD WIRING MUST HAVE AN INSULATION VOLTAGE RATING THAT EQUALS OR EXCEEDS UNIT RATED VOLTAGE
 - USE CLASS 2 WIRING.
- 24V OUTPUT IS RATED 15VA.
- WIRING SHOWN IS FOR MODULATING VALVES. SEE INSET "D" FOR 2-10V VALVES.
- WIRING SHOWN IS FOR 3 WIRE MODULATING DAMPER. SEE INSET "F" FOR 2-10V DAMPER WITHOUT FREEZESTAT. SEE INSET "H" FOR 2-10V DAMPER WITH FREEZESTAT. SEE INSET "J" FOR FREEZESTAT ONLY. SEE INSET "K" FOR 3 WIRE MODULATING DAMPER WITH FREEZESTAT.
- FIELD WIRING SHOWN IS FOR DX COOLING COIL.
- FIELD WIRING SHOWN IS FOR MODULATING HEATING VALVES. SEE INSET "B" FOR FIELD INSTALLED 2-10V VALVE CONNECTIONS. FIELD SUPPLIED ACTUATOR UTILIZES THE SAME CONNECTION POINTS AS FACTORY ACTUATOR WIRING.
- FIELD WIRING SHOWN IS FOR MODULATING OUTSIDE AIR DAMPER. SEE INSET "A" FOR 2-10V OUTSIDE AIR DAMPER FIELD WIRING.
- FIELD INSTALLED CONDENSING UNIT CAN BE WIRED BETWEEN TERMINALS 2TB4-1 AND 2TB4-2 FOR SINGLE STATGE. REMOVE RESISTOR 2R1 PRIOR TO WIRING CONDENSER. DX1 OUTPUTS RATED FOR 24VAC 6VA MAXIMUM.
- SW1 AND SW2 ARE ALWAYS IN THE N.C. POSITION.
- SW3 IS SHOWN IN THE OFF POSITION. SW3 IS SET TO OFF POSITION WHEN DG12=E,H,X,K,R,D,G. SW3 IS SET TO ON POSITION WHEN DG12=A.
- SW4 IS ALWAYS IN OFF POSITION.
- SEE INSET "G" FOR FAN STATUS WIRING. DG15 = N.
- FIELD SUPPLIED ACTUATOR WIRING UTILIZES THE SAME CONNECTION POINTS AS FACTORY ACTUATOR WIRING.