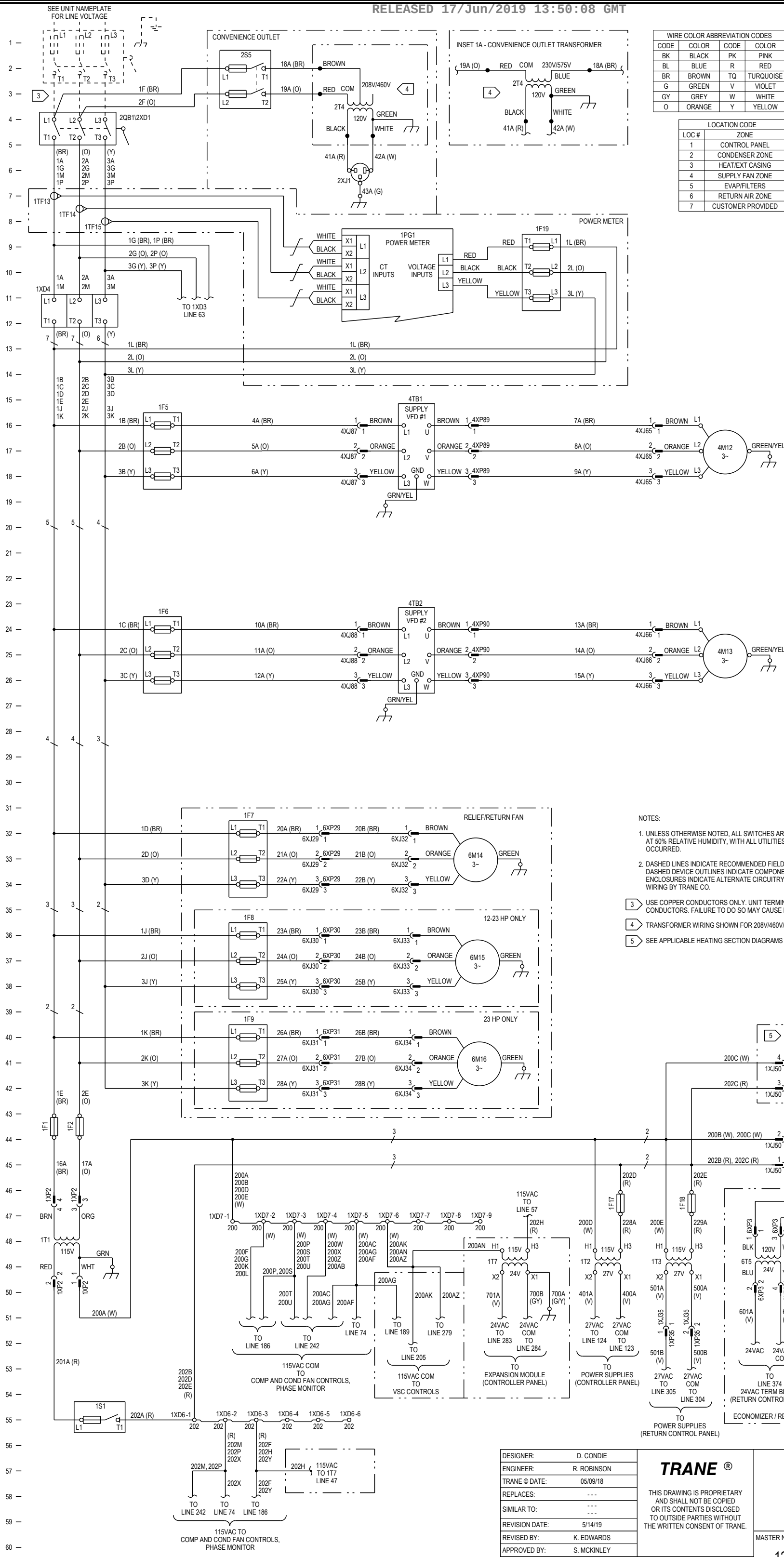




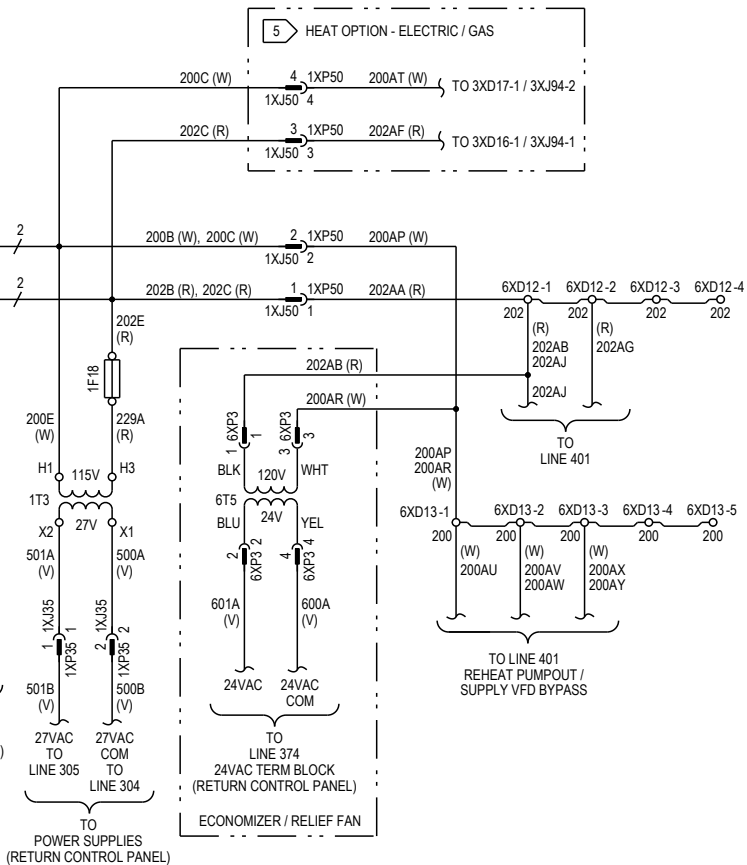
WIRE COLOR ABBREVIATION CODES			
CODE	COLOR	CODE	COLOR
BK	BLACK	PK	PINK
BL	BLUE	R	RED
BR	BROWN	TQ	TURQUOISE
G	GREEN	V	VIOLET
GY	GREY	W	WHITE
O	ORANGE	Y	YELLOW

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		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1F1	FUSE - CONTROLS TRANSFORMER	44
1F17	FUSE - 27VAC TRANSFORMER PRIMARY	47
1F18	FUSE - 27VAC TRANSFORMER PRIMARY	47
1F19	FUSEBLOCK - POWER METER	9
1F2	FUSE - CONTROLS TRANSFORMER	44
1F5	FUSEBLOCK - SUPPLY VFD #1	16
1F6	FUSEBLOCK - SUPPLY VFD #2	24
1F7	FUSEBLOCK - RELIEF FAN #1	32
1F8	FUSEBLOCK - RELIEF FAN #2	36
1F9	FUSEBLOCK - RELIEF FAN #3	40
1PG1	POWER METER	9
1S1	CONTROLS CIRCUIT 115VAC	55
1T1	TRANSFORMER - 115V CONTROLS	47
1T2	TRANSFORMER - 27V	49
1T3	TRANSFORMER - 27V	49
1T7	TRANSFORMER - 24V EXP MODULE	49
1TF13	TRANSUDER - CURRENT	7
1TF14	TRANSUDER - CURRENT	8
1TF15	TRANSUDER - CURRENT	8
1XD4	TERMINAL BLOCK - AIR SIDE	11
1XD6	TERMINAL BLOCK - 115VAC	55
1XD7	TERMINAL BLOCK - 115VAC COM	47
2QB1/2XD1	MANUAL DISCONNECT/TERM BLOCK	4
2S5	DISCONNECT - CONV OUTLET	2
2M4	TRANSFORMER - CONV OUTLET	2,3
4M12	SUPPLY FAN MOTOR #1	16
4M13	SUPPLY FAN MOTOR #2	24
4TB1	SUPPLY FAN VFD #1	16
4TB2	SUPPLY FAN VFD #2	24
6M14	MOTOR - RELIEF FAN #1	32
6M15	MOTOR - RELIEF FAN #2	36
6M16	MOTOR - RELIEF FAN #3	40
6T5	TRANSFORMER - 24V ACTUATORS	48
6XD12	TB - RETURN CONTROLS 115V	45
6XD13	TB - RETURN CONTROLS 115V COMMON	49

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 LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINE INDICATES WIRING BY TRANE CO.
- 3 USE COPPER CONDUCTORS ONLY. UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.
- 4 TRANSFORMER WIRING SHOWN FOR 208V/460V/60HZ. SEE INSET 1A FOR 230V/575V/60HZ CONNECTIONS.
- 5 SEE APPLICABLE HEATING SECTION DIAGRAMS FOR BALANCE OF CIRCUIT.



DESIGNER:	D. CONDIE
ENGINEER:	R. ROBINSON
TRANE © DATE:	05/09/18
REPLACES:	---
SIMILAR TO:	---
REVISION DATE:	5/14/19
REVISED BY:	K. EDWARDS
APPROVED BY:	S. MCKINLEY
CAD SYSTEM USED:	PRO/ DIAGRAM

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IEC DESIGN COMPLIANT

INTELLIPAK DIAGRAM POWER SCHEMATIC - FAN AND CONTROLS SUPPLY VFD WITHOUT BYPASS			
MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
12132566	12132567	1 OF 7	D