



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. 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.
- CIRCUMFLEX ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY THE LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT. AN OPEN ARROW BELOW THE LINE NUMBER POINTING UPWARD INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.

4 1KF1 AND 1XP50 ARE LOCATED IN MAIN CONTROL PANEL.

LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
3B1	FLAME DETECTOR #1	19
3E1	IGNITER #1	13
3KF25	MODULE - IGNITION #1	18
3KF33	MODULE - IGNITION #1	11
3M17	MOTOR - COMBUSTION BLOWER #1	14
3QM20	GAS VALVE #1	8
3RF1	FILTER - RFI	1
3S14	SWITCH - SUPPLY AIRFLOW	12
3S15	SWITCH - HIGH TEMP CUTOUT	7
3S16	SWITCH - HIGH PRESSURE #1	9
3S17	SWITCH - HIGH PRESSURE #2	15
3S18	SWITCH - FLAME ROLL OUT #1	10
3T6	TRANSFORMER - 24VAC	3

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

DESIGNER: K. EDWARDS
 ENGINEER: R. ROBINSON
 TRANE @ DATE: 8/14/18
 REPLACES: ---
 SIMILAR TO: ---
 REVISION DATE: 2/06/19
 REVISED BY: K. EDWARDS
 APPROVED BY: R. ROBINSON
 CAD SYSTEM USED: PRO/DIAGRAM

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 IEC DESIGN COMPLIANT

INTELLIPAK
 DIAGRAM
 SCHEMATIC / LAYOUT - STAGED GAS HEAT
 250-350 MBH

MASTER NUMBER: 12132951	DRAWING NUMBER: 12132827	SHEET: 1 of 1	REV: D
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