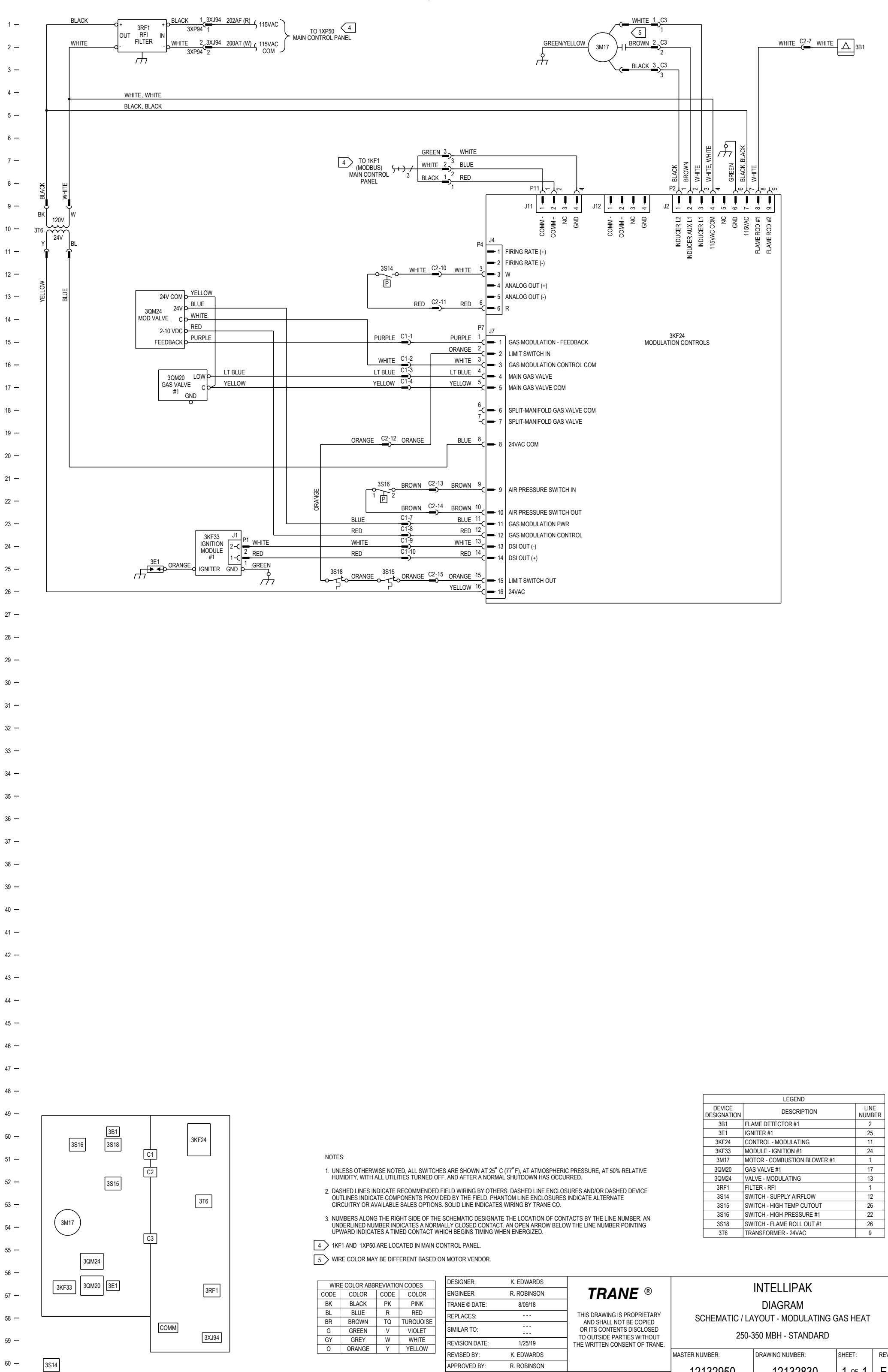




NOTES:

- 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.
- NUMBERS 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.
- 5 WIRE COLOR MAY BE DIFFERENT BASED ON MOTOR VENDOR.

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:	8/09/18
REPLACES:	---
SIMILAR TO:	---
REVISION DATE:	1/25/19
REVISED BY:	K. EDWARDS
APPROVED BY:	R. ROBINSON
CAD SYSTEM USED:	PRO/ DIAGRAM

TRANE ®	
THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF TRANE.	
IEC DESIGN COMPLIANT	

LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
3B1	FLAME DETECTOR #1	2
3E1	IGNITER #1	25
3KF24	CONTROL - MODULATING	11
3QM24	VALVE - MODULATING	13
3M17	MOTOR - COMBUSTION BLOWER #1	1
3QM20	GAS VALVE #1	17
3RF1	FILTER - RFI	1
3S14	SWITCH - SUPPLY AIRFLOW	12
3S15	SWITCH - HIGH TEMP CUTOFF	26
3S16	SWITCH - HIGH PRESSURE #1	22
3S18	SWITCH - FLAME ROLL OUT #1	26
3T6	TRANSFORMER - 24VAC	9

INTELLIPAK
DIAGRAM
SCHEMATIC / LAYOUT - MODULATING GAS HEAT
250-350 MBH - STANDARD

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
12132950	12132830	1 OF 1	E