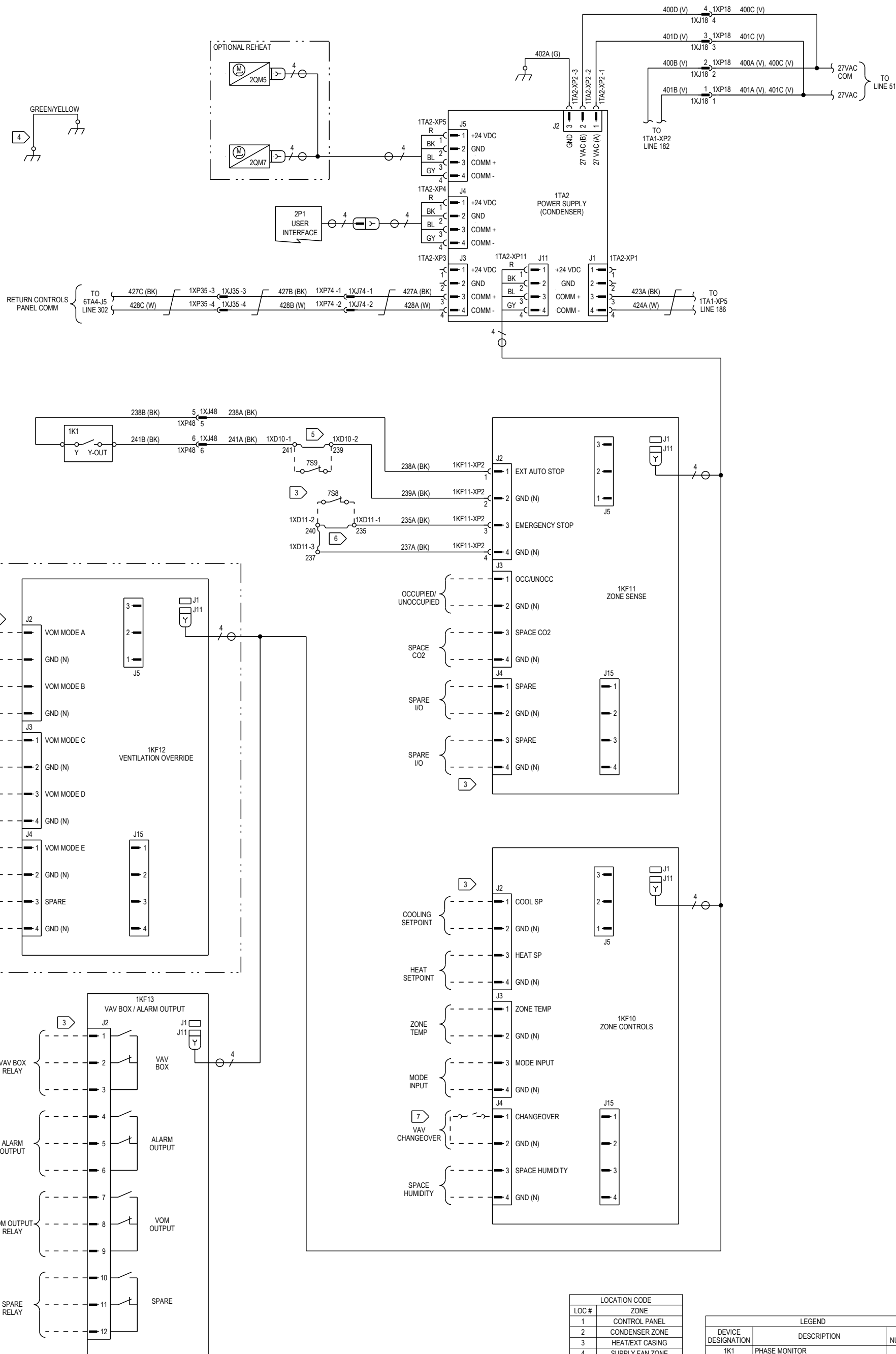




- NOTES:
- UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25° C (77° F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF, AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
 - DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINE INDICATES WIRING BY TRANE CO.
 - 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.
 - GROUND LOW VOLTAGE PANEL TO MAIN CONTROL BOX.
 - REMOVE JUMPER AND INSTALL EXTERNAL AUTO/STOP WHEN REQUIRED.
 - FOR EMERGENCY STOP, REMOVE JUMPER BETWEEN 1XD11-1 AND 1XD11-2 AND INSTALL FIELD PROVIDED DEVICE.
 - CUSTOMER SUPPLIED VAV CHANGEOVER RELAY/CONTACTS REQUIRED ON MODULATING GAS HEAT UNITS FOR OPERATION OF OCCUPIED VAV HEAT MODE.

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

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

LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1K1	PHASE MONITOR	137
1KF10	LLID (HEX I/O) - ZONE SENSE	154
1KF11	LLID (HEX I/O) - ZONE CONTROLS	138
1KF12	LLID (HEX I/O) - VENTILATION OVERRIDE	144
1KF13	LLID (QUAD) - VAV BOX / ALARM OUTPUT	159
1TA2	POWER SUPPLY - CUSTOMER	126
1XD10	TERMINAL BLOCK - 115VAC	137
1XD11	TERMINAL BLOCK - 115VAC	140,141
2P1	USER INTERFACE	129
2QM5	VALVE - REHEAT	123
2QM7	VALVE - COOLING	126
7S8	EMERGENCY STOP	139
7S9	EXTERNAL AUTO STOP	138

DESIGNER:	D. CONDIE
ENGINEER:	L. D'ALBANI
TRANE © DATE:	05/14/2018
REPLACES:	--
SIMILAR TO:	--
REVISION DATE:	9/21/18
REVISED BY:	D. CONDIE
APPROVED BY:	L. D'ALBANI
CAD SYSTEM USED:	PRO/ DIAGRAM

TRANE®

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IEC DESIGN COMPLIANT

INTELLIPAK DIAGRAM			
CONTROLS SCHEMATIC - 20T-75T			
FIELD WIRING AND CONDENSER CONTROLS			
MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
	12132586	3 OF 7	C