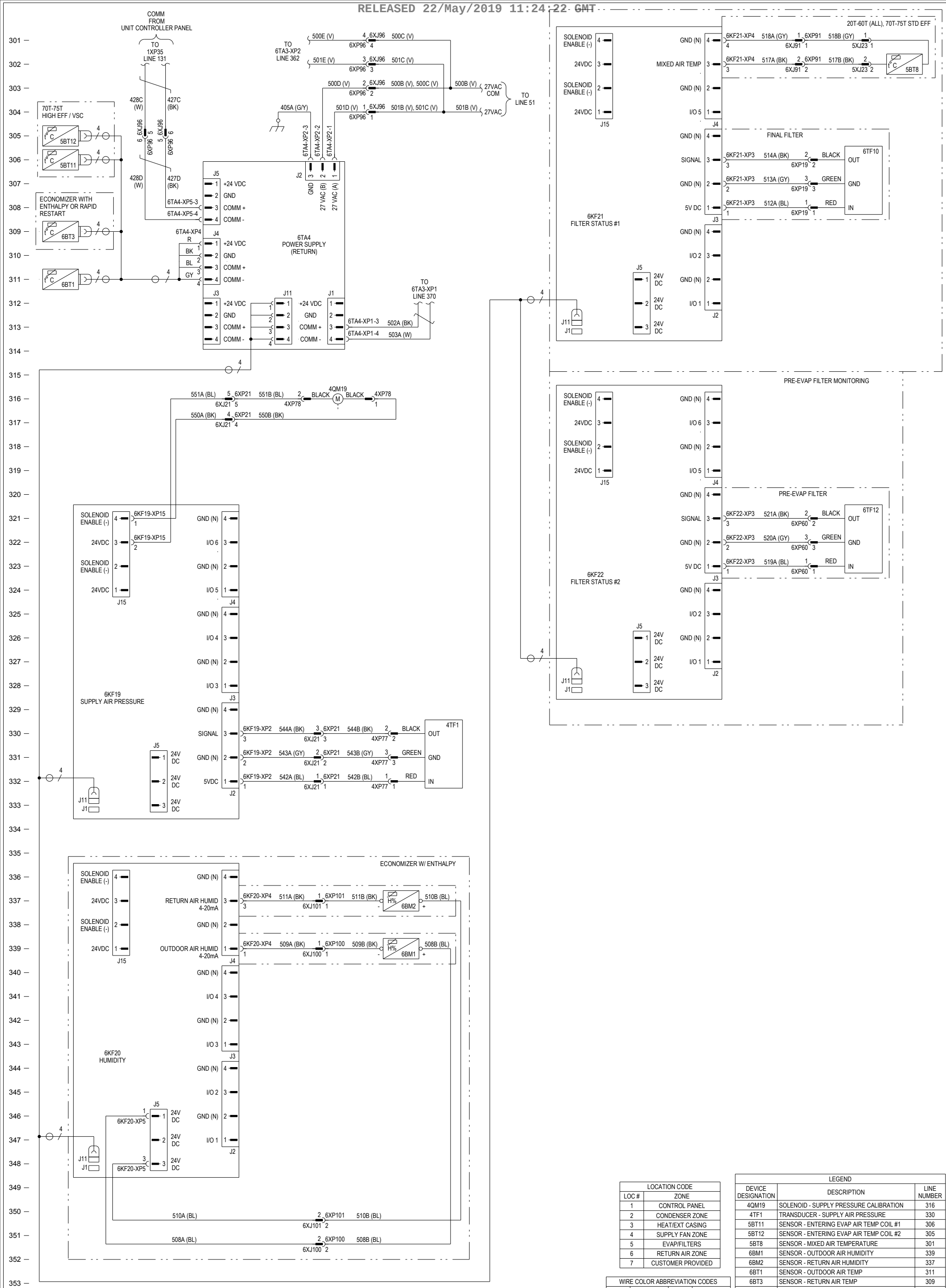

NOTES:

1. 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.
2. 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.

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
4QM19	SOLENOID - SUPPLY PRESSURE CALIBRATION	316
4TF1	TRANSDUCER - SUPPLY AIR PRESSURE	330
5BT11	SENSOR - ENTERING EVAP AIR TEMP COIL #1	306
5BT12	SENSOR - ENTERING EVAP AIR TEMP COIL #2	305
5BT8	SENSOR - MIXED AIR TEMPERATURE	301
6BM1	SENSOR - OUTDOOR AIR HUMIDITY	339
6BM2	SENSOR - RETURN AIR HUMIDITY	337
6BT1	SENSOR - OUTDOOR AIR TEMP	311
6BT3	SENSOR - RETURN AIR TEMP	309
6KF19	LLID (HEX) - SUPPLY AIR PRESSURE	327
6KF20	LLID (HEX) - HUMIDITY	342
6KF21	LLID (HEX) - FILTER STATUS #1	307
6KF22	LLID (HEX) - FILTER STATUS #2	322
6TA4	POWER SUPPLY #2 - RETURN SECTION	307
6TF10	TRANSDUCER - PRE-FINAL FILTER	306
6TF12	TRANSDUCER - EVAP FILTER PRESSURE	321

DESIGNER:	D. CONDIE
ENGINEER:	R. ROBINSON
TRANE © DATE:	16-APR-2018
REPLACES:	--
SIMILAR TO:	--
REVISION DATE:	05/01/19
REVISED BY:	D.CONDIE
APPROVED BY:	S. MCKINLEY
CAD SYSTEM USED:	PRO/ DIAGRAM

TRANE ®

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IEC DESIGN COMPLIANT

INTELLIPAK
DIAGRAM
CONTROLS SCHEMATIC - 20T-75T
RETURN SECTION #1 - S/A PRESSURE, HUMIDITY, FILTERS

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
	12132590	6 OF 7	D