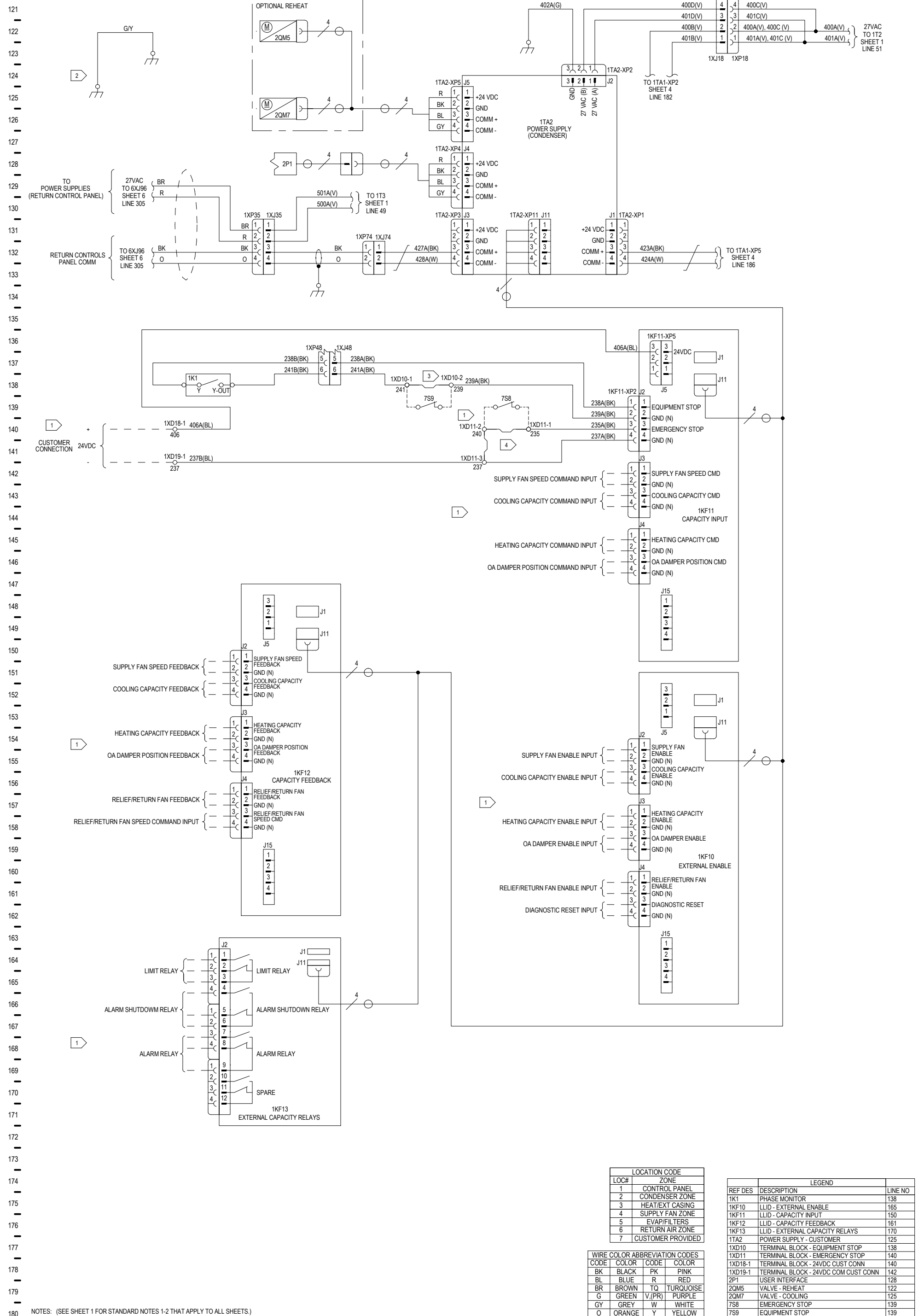




- 1
- USE COPPER CONDUCTORS ONLY. UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT. USE CLASS 2 CIRCUIT ONLY.
- 2
- LOW VOLTAGE PANEL IS GROUNDED TO MAIN CONTROL BOX
- 3
- FOR EQUIPMENT STOP, REMOVE JUMPER BETWEEN 1XD10-1 AND 1XD10-2 AND INSTALL FIELD PROVIDED DEVICE
- 4
- FOR EMERGENCY STOP, REMOVE JUMPER BETWEEN 1XD11-1 AND 1XD11-2 AND INSTALL FIELD PROVIDED DEVICE..

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		
REF DES	DESCRIPTION	LINE NO
1K1	PHASE MONITOR	138
1KF10	LLID - EXTERNAL ENABLE	165
1KF11	LLID - CAPACITY INPUT	150
1KF12	LLID - CAPACITY FEEDBACK	161
1KF13	LLID - EXTERNAL CAPACITY RELAYS	170
1TA2	POWER SUPPLY - CUSTOMER	125
1XD10	TERMINAL BLOCK - EQUIPMENT STOP	138
1XD11	TERMINAL BLOCK - EMERGENCY STOP	140
1XD18-1	TERMINAL BLOCK - 24VDC CUST CONN	140
1XD19-1	TERMINAL BLOCK - 24VDC COM CUST CONN	142
2P1	USER INTERFACE	128
2QM5	VALVE - REHEAT	122
2QM7	VALVE - COOLING	125
7S8	EMERGENCY STOP	139
7S9	EQUIPMENT STOP	139

COLOR ABBREVIATION CODES		
COLOR	CODE	COLOR
BLACK	PK	PINK
BLUE	R	RED
BROWN	TQ	TURQUOISE
GREEN	V,(PR)	PURPLE
GREY	W	WHITE
ORANGE	Y	YELLOW

SYMBOL LEGEND

TRANE WIRING: CUSTOMER PROVIDED: EARTH GROUND: SPlice: SHIELDED CABLE:

FIELD WIRING: ALTERNATE/OPTIONS: EQUIPMENT CHASSIS: JUNCTION: TWISTED CONDUCTORS: LINE BREAK:

TRANE ®

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

IPAK 3

SCHEMATIC; CONTROLS

20-75T, FIELD WIRING AND CONDENSER CONTROLS, EXTERNAL CAPACITY CONTROLS

DESIGNER:

C.CATHCART

ENGINEER:

S.MCKINLEY

NUMBER:

12135053

TRANE @ DATE:

15-MAY-2025

REV

A

SHEET

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