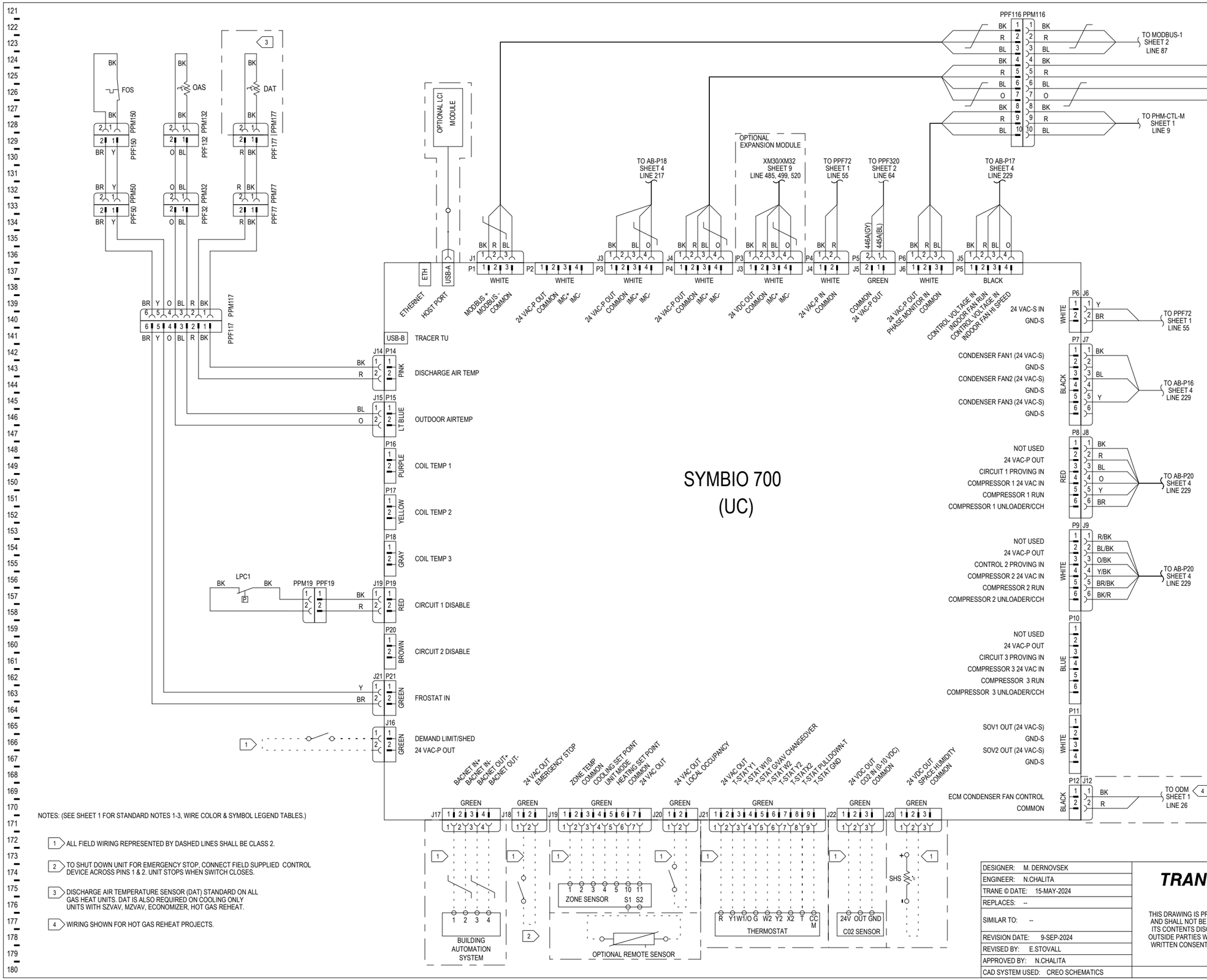

LEGEND		
REF DES	DESCRIPTION	LINE NO
DAT	SENSOR-DISCHARGE AIR	129
FOS	SWITCH - FROSTSAT	129
LPC1	SWITCH- LOW PRESSURE 1	157
OAS	SENSOR-OUTDOOR AIR	129
SHS	SENSOR - SPACE HUMIDITY	176
UC	MODULE - UNIT CONTROLLER	143

CONDUCTOR NAME	CONDUCTOR BASE COLOR	CONDUCTOR TRACER COLOR
1	BLACK	
2	RED	
3	BLUE	
4	ORANGE	
5	YELLOW	
6	BROWN	
7	RED	BLACK
8	BLUE	BLACK
9	ORANGE	BLACK
10	YELLOW	BLACK
11	BROWN	BLACK
12	BLACK	RED
13	BLUE	RED
14	ORANGE	RED
15	YELLOW	RED
16	BROWN	RED
17	BLACK	BLUE
18	RED	BLUE
19	ORANGE	BLUE
20	YELLOW	BLUE
21	BROWN	BLUE
22	BLACK	ORANGE
23	RED	ORANGE
24	BLUE	ORANGE
25	YELLOW	ORANGE
26	BROWN	ORANGE

NOTES: (SEE SHEET 1 FOR STANDARD NOTES 1-3, WIRE COLOR & SYMBOL LEGEND TABLES.)

1. ALL FIELD WIRING REPRESENTED BY DASHED LINES SHALL BE CLASS 2.
2. TO SHUT DOWN UNIT FOR EMERGENCY STOP, CONNECT FIELD SUPPLIED CONTROL DEVICE ACROSS PINS 1 & 2. UNIT STOPS WHEN SWITCH CLOSES.
3. DISCHARGE AIR TEMPERATURE SENSOR (DAT) STANDARD ON ALL GAS HEAT UNITS. DAT IS ALSO REQUIRED ON COOLING ONLY UNITS WITH SZVAV, MZVAV, ECONOMIZER, HOT GAS REHEAT.
4. WIRING SHOWN FOR HOT GAS REHEAT PROJECTS.

DESIGNER:	M. DERNOVSEK
ENGINEER:	N.CHALITA
TRANE © DATE:	15-MAY-2024
REPLACES:	--
SIMILAR TO:	--
REVISION DATE:	9-SEP-2024
REVISED BY:	E.STOVALL
APPROVED BY:	N.CHALITA
CAD SYSTEM USED:	CREO SCHEMATICS

TRANE ®

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PRECEDENT
UNIT SCHEMATIC; SHEET 3
CONTROLS, SYMBIO 700
UNIT CONTROLS
--

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
--	12135030	3	B