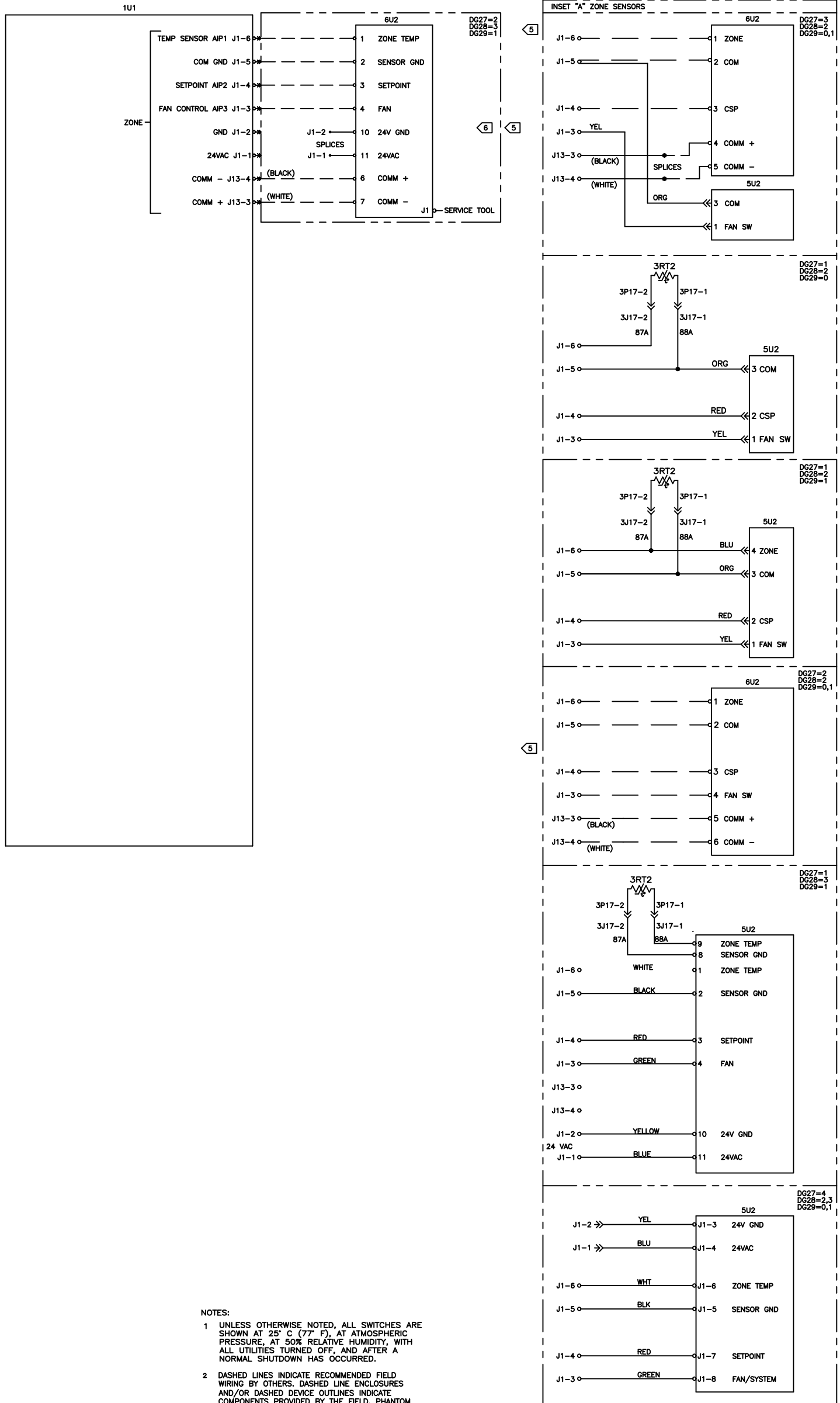


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- NOTES:
- UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25° C (77° F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF, AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
 - DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINED ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINES INDICATE WIRING BY TRANE CO.
 - ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), STATE AND LOCAL REQUIREMENTS. ALL FIELD WIRING MUST HAVE AN INSULATION VOLTAGE RATING THAT EQUALS OR EXCEEDS UNIT RATED VOLTAGE
- 5 USE CLASS 2 WIRING.
- 6 WIRING SHOWN IS FOR WALL MOUNTED (DG27=2), DIGITAL DISPLAY (DG28=3) WITH TIMED OVERRIDE (DG29=1) FOR OTHER OPTIONS SEE INSET A AND REFER TO ZONE SENSOR SELECTION CHART.

ZONE SENSOR SELECTION		
DIGIT	DIGIT VALUE	DESCRIPTION
DG27	0	NO UNIT OR WALL MOUNTED CONTROLS
DG27	1	UNIT MOUNTED
DG27	2	WALL MOUNTED
DG27	3	COMBINED UNIT AND WALL MOUNTED
DG27	4	WIRELESS SENSOR
DG28	0	NO INTERNAL OR EXTERNAL SET POINT
DG28	2	EXTERNAL
DG28	3	DIGITAL DISPLAY
DG29	0	NO TIMED OVERRIDE
DG29	1	YES, TIMED OVERRIDE

DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	LH CONTROL PANEL
2	LH END POCKET
3	AIR SECTION
4	RH END POCKET
5	TOP ACCESS PANEL
6	FIELD INSTALLED
7	RH CONTROL BOX E-HT

LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1U1	UC400-B, SYMBIO 400-B	147
1U3	ENGINE BOARD	178
6U2	ZONE SENSOR MODULE	147,179
5U2	ZONE SENSOR MODULE	162,169,186,198
3RT2	RETURN AIR SENSOR	158,167,184

TRANE
 2311-4166
 SCHEMATIC DIAGRAM
 UC400-B, SYMBIO 400-B
 ZONE SENSORS
 VERTICAL UNIT YEAR

REVISION DATE
 DRAWN BY
 DATE
 11-MAY-2022

SMART TO