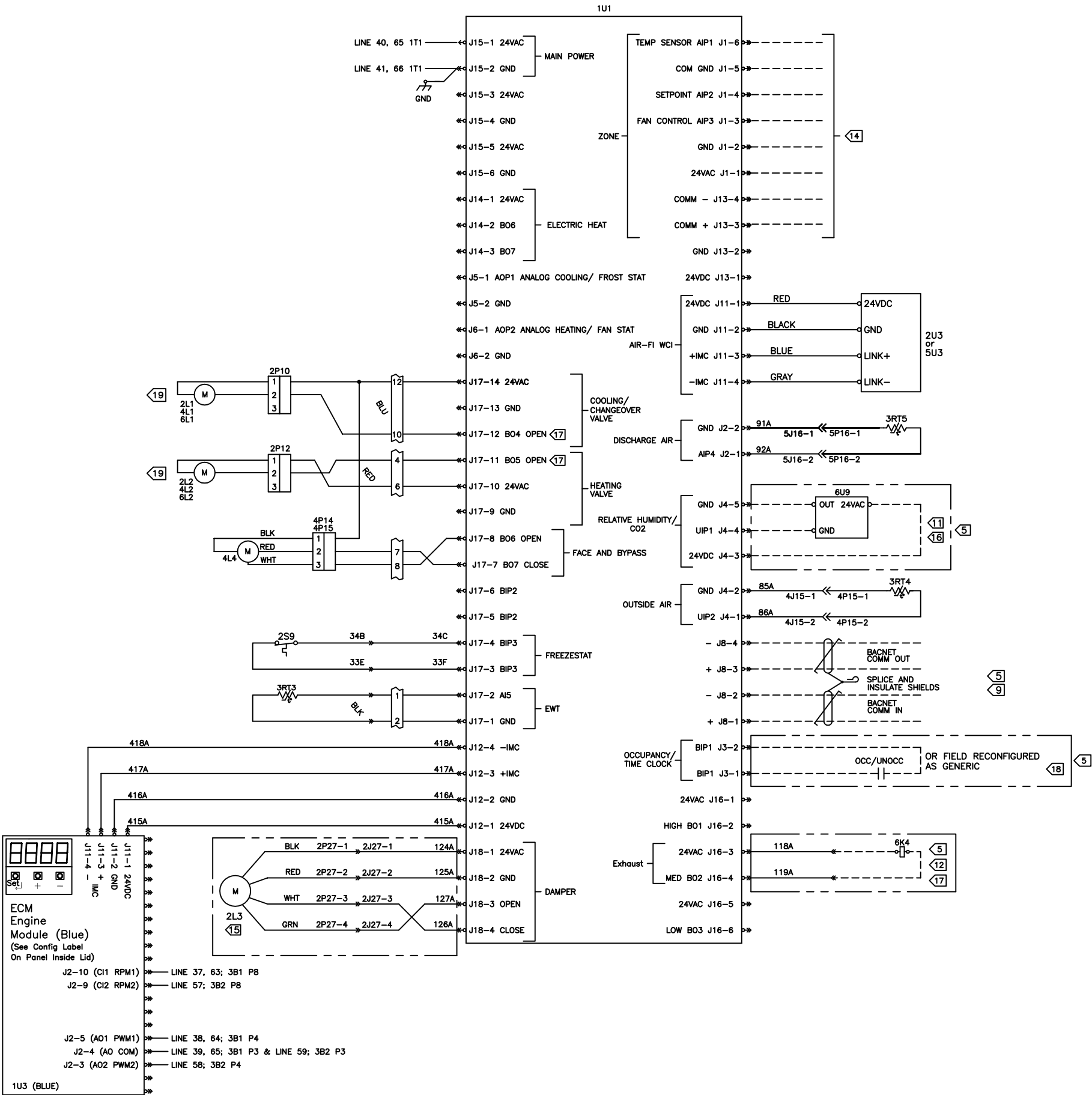


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- NOTES:
- UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25° C (77° F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF, AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
 - DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINED 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.
 - 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.
- 9 COMMUNICATION WIRE MUST BE TRANE PART NO. 400-20-28, OR WINDY CITY OR CONNECT AIR "LEVEL 4" CABLE. MAXIMUM OF 4500 FOOT AGGREGATE RUN. CAUTION! DO NOT RUN POWER IN THE SAME CONDUIT OR WIRE BUNDLE WITH COMMUNICATION LINK. FOR ADDITIONAL INFORMATION REFER TO EMTX-EB-68.
- 11 CONFIGURE THE CO2 SENSOR FOR 4-20mA OPERATION USING THE OUT2 JUMPER SUPPLIED WITH THE SENSOR.
- 12 FOR WIRED POWER EXHAUST, 24VAC 12VA MAXIMUM.

- 14 SEE SHEET 2311-4166 FOR ZONE SENSOR CONNECTIONS.
- 15 WIRING SHOWN IS FOR 3 WIRE MODULATING DAMPER SECTION. SEE INSET "A" FOR ERSA CONNECTIONS.
- 16 WIRING SHOWN IS FOR CO2 SENSOR. SEE INSET "C" FOR RELATIVE HUMIDITY SENSOR.
- 17 VALVES SHOWN IN NORMALLY CLOSED POSITION, FOR NORMALLY OPEN POSITION, THE VALVE SIGNAL BECOMES CLOSE.
- 18 WIRING SHOWN IS FOR OCCUPIED/ UNOCCUPIED. SEE INSET "B" FOR TIMECLOCK CONNECTIONS.
- 19 FIELD SUPPLIED ACTUATOR WIRING UTILIZES THE SAME CONNECTION POINTS AS FACTORY ACTUATOR WIRING.

| 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 | 74 |
| 1U3 | ENGINE BOARD | 115 |
| 2L1 | COOLING COIL VALVE | 89 |
| 4L1 | COOLING COIL VALVE | 89 |
| 6L1 | FIELD INSTALLED CLG CL VLV | 89 |
| 2L2 | HEATING COIL VALVE | 92 |
| 4L2 | HEATING COIL VALVE | 92 |
| 6L2 | FIELD INSTALLED HTG CL VLV | 92 |
| 2U3 | AIR-FI WIRELESS COM INTERFACE | 86 |
| 5U3 | AIR-FI WIRELESS COM INTERFACE | 86 |
| 3RT5 | DISCHARGE AIR TEMP SNSR | 90 |
| 6U9 | CO2 SENSOR | 92 |
| 6U8 | ZONE HUMIDITY SENSOR | 126 |
| 3RT4 | OUTSIDE AIR TEMP SENSOR | 96 |
| 2S9 | FREEZE-STAT | 98 |
| 3RT3 | ENTERING WATER TEMP SNSR | 100 |
| 2C1 | TIMECLOCK | 120 |
| 2L3 | OA DAMPER ACTUATOR | 107 |
| 6K4 | EXHAUST RELAY | 106 |
| 4L4 | F&B DAMPER ACTUATOR | 94 |

| REPLACES | | TRANE | 4619-3724 | E |
|---------------|----------|------------------------|-----------|-------------|
| REVISION DATE | REVISION | | | |
| DATE | BY | DATE | BY | DATE |
| 27-AUG-2024 | REQUENA | 27-AUG-2024 | REQUENA | 27-AUG-2024 |
| SIMILAR TO | | SCHEMATIC DIAGRAM | | |
| | | UC400-B, SYMBIO 400-B | | |
| | | ISOLATION VALVES WITH | | |
| | | FACE AND BYPASS DAMPER | | |
| | | VERTICAL UNIT VENT | | |