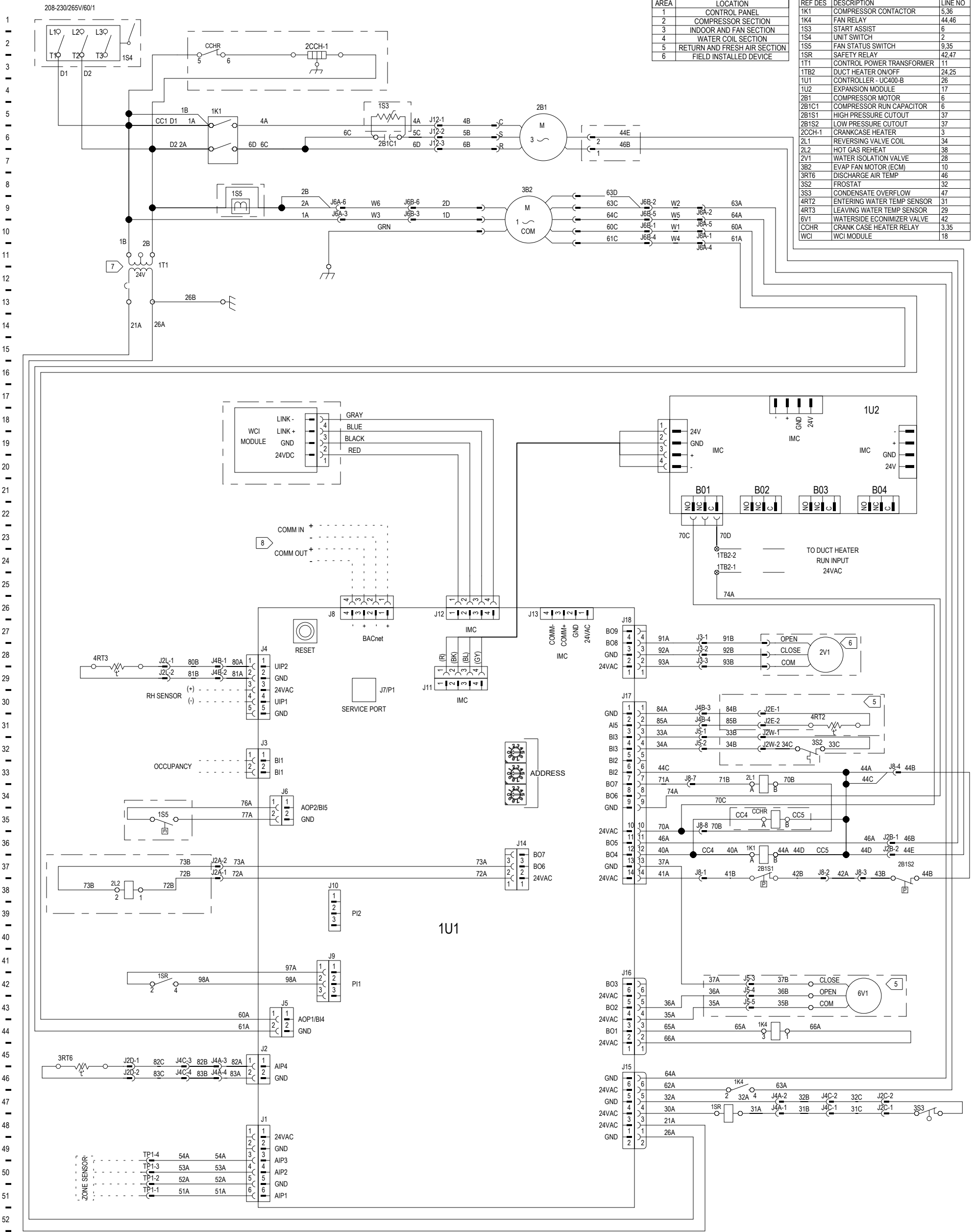




NOTES:

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.
3. NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY THE LINE NUMBER, AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT. AN OPEN ARROW BELOW THE LINE NUMBER POINTING UPWARD INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.
4. ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), STATE AND LOCAL REQUIREMENTS. ALL LOW VOLTAGE FIELD CONNECTIONS ARE CLASS 2.

- 5 WSE VALVE PLUG AND ENTERING WATER SENSOR BULB ARE COILED UP BEHIND CONTROL BOX. SENSOR BULB MUST BE FIELD MOUNTED ON ENTERING WATER LINE OF WSE VALVE.
- 6 FOR TWO WIRE VALVES CONNECT TO WIRES 91B AND 93B
- 7 FOR 208/230V UNITS TRANSFORMER IS FACTORY WIRED FOR 230V. FOR 208V APPLICATION MOVE PRIMARY WIRE FROM THE 230V TAB TO THE 208V TAB.

- 8 USE 18 AWG (25PF/FT. NOM.) COMMUNICATION WIRE STYLE \_ BRAID OR FOIL SHIELDED TWISTED PAIR, IMPEDANCE \_ 60.7 OHMS, 4,000 FT. MAXIMUM LENGTH CAUTION! DO NOT RUN POWER IN THE SAME CONDUIT WITH COMMUNICATION WIRE

**WARNING**  
HAZARDOUS VOLTAGE!

**AVERTISSEMENT**  
TENSION DANGEREUSE!

**ADVERTENCIA**  
¡VOLTAJE PELIGROSO!

DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE, REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE.

FAILURE TO DO THE ABOVE BEFORE SERVICING COULD RESULT IN DEATH OR SERIOUS INJURY.

COUPER TOUTES LES TENSIONS ET OUVRIR LES SECTIONNEURS A DISTANCE, PUIS SUIVRE LES PROCEDURES DE VERROUILLAGE ET DES ETIQUETTES AVANT TOUTE INTERVENTION. VERIFIER QUE TOUS LES CONDENSATEURS DES MOTEURS SONT DECHARGES. DANS LE CAS D'UNITES COMPORTANT DES ENTRAÎNEMENTS A VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DECHARGER LES CONDENSATEURS.

NE PAS RESPECTER CES MESURES DE PRECAUTION PEUT ENTRAÎNER DES BLESSURES GRAVES POUVANT ETRE MORTELLES.

DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUSO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGURESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON EJE DE DIRECCION DE VELOCIDAD VARIABLE, CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR.

EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODRIA OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.

|                  |                  |
|------------------|------------------|
| DESIGNER:        | C JONES          |
| ENGINEER:        | M COOMBS         |
| TRANE © DATE:    | 21-DECEMBER-2022 |
| REPLACES:        |                  |
| SIMILAR TO:      |                  |
| REVISION DATE:   | *                |
| REVISED BY:      | *                |
| APPROVED BY:     | *                |
| CAD SYSTEM USED: | CREO SCHEMATICS  |

**TRANE**®

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IEC DESIGN COMPLIANT

**WSHP**  
**SCHEMATIC DIAGRAM**

GE/EX/DX  
UC400-B, HGR/E-HEAT  
ECM - SINGLE PHASE

|                |                 |        |     |
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| MASTER NUMBER: | DRAWING NUMBER: | SHEET: | REV |
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