

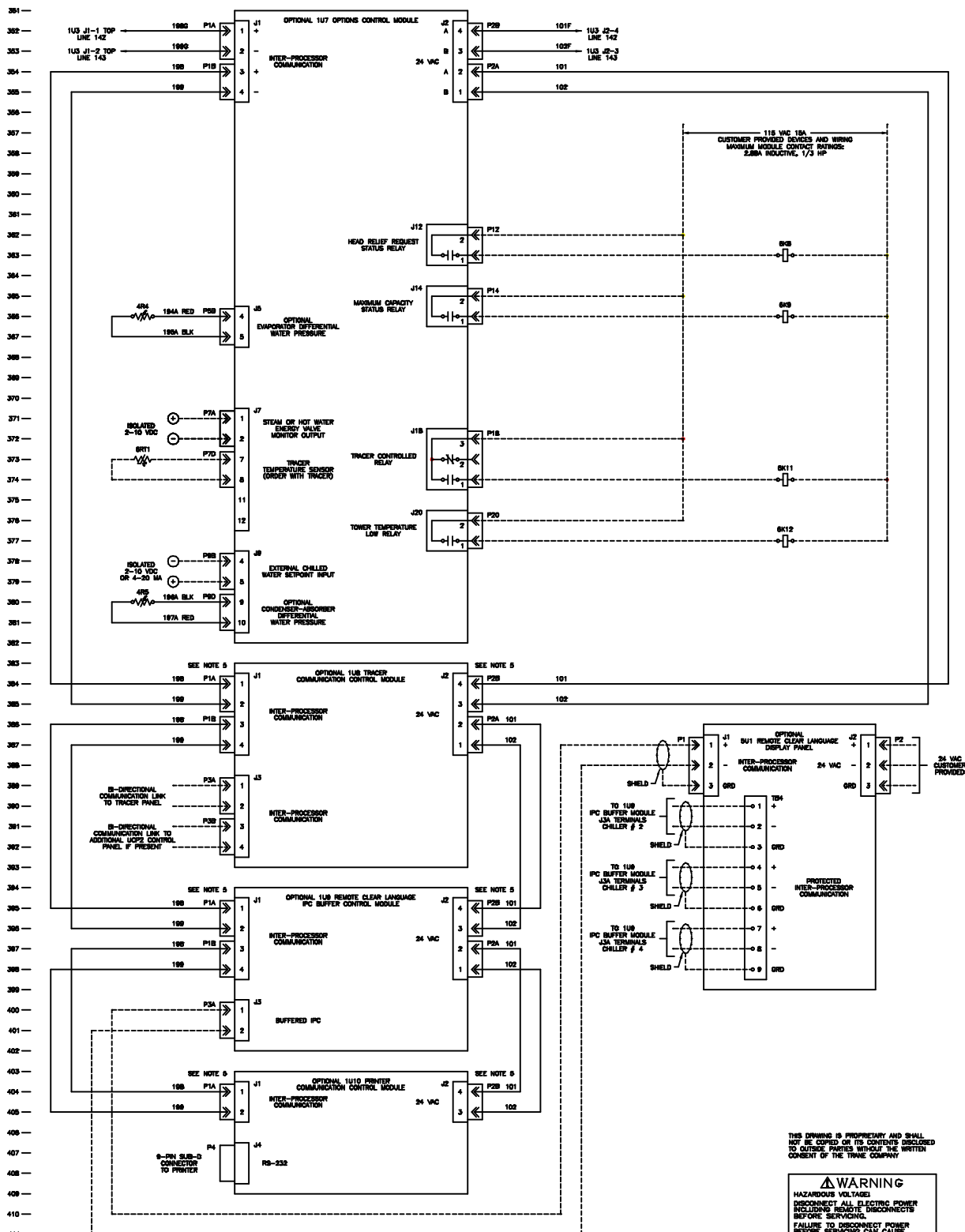
ABSORPTION LIQUID CHILLER

ABTF HORIZON™ TWO-STAGE STEAM OR HOT WATER ABSORPTION UNIT SCHEMATIC WIRING DIAGRAM

DATE: 4-30-96

OPTIONS AND COMMUNICATION CONTROL MODULES AND REMOTE CLEAR LANGUAGE DISPLAY PANEL

DRAWING NUMBER
2307-8219
SHEET 5 OF 5

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NOTE:

1. SOLID LINES INDICATE WIRING BY THE SAME COMPANY AND DASHED LINES INDICATE FIELD WIRING BY CUSTOMER. REFER TO UNIT FIELD WIRING LAYOUT AND CONNECTION DIAGRAMS TO DETERMINE THE ACTUAL CUSTOMER SUPPLIED DEVICES AND WIRING REQUIRED ON THE UNIT.
2. NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF DEVICE CONTACTS BY LINE NUMBER. AN UNLINED NUMBER INDICATES A TERMINAL IN A CLOSED CIRCUIT.
3. PNEUMATIC DEVICES AND ELECTRICAL SWITCHES ARE SHOWN AT 50°C (77°F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
4. ALL TRAIL DEVICES AND ASSOCIATED WIRING MARKED AS OPTIONAL MAY NOT BE PRESENT ON THE UNIT UNLESS INDICATED BY CONTROL OPTIONS SPECIFIED ON THE UNIT. THE AD-BUILT SCHEMATIC WIRING DIAGRAM SUPPLIED WITH THE UNIT TO DETERMINE OPTIONAL TRAIL DEVICES AND WIRING ACTUALLY SUPPLIED ON THE UNIT.
5. OPTIONAL 10U TRACER COMMUNICATION MODULE, 1U8 REMOTE CLEAR LANGUAGE IPC BUFFER CONTROL MODULE AND 1010 PAPER COMMUNICATION CONTROL MODULE SHOWN IN ORDER OF WIRING PRESENTS TO 117 OPTICS CONTROL MODULES IF PRESENT; WHEN ANY COMBINATION OF MODULES ARE PRESENT, INTER-PROCESSOR COMMUNICATION AND WIRING IS SHARED BETWEEN MODULES AS SHOWN.
- IF 117 OPTICS CONTROL MODULE IS NOT PRESENT:

WIRE 198 FROM 1U8, 1U9 OR 1U10 CONNECTS TO 1U3 J1-1 (TOP), LINE 142 AND WIRE 198 FROM 1U8, 1U9 OR 1U10 CONNECTS TO 1U3 J1-2 (TOP), LINE 143
WIRE 101 FROM 1U8, 1U9 OR 1U10 CONNECTS TO 1U3 J2-4, LINE 142 AND WIRE 102 FROM 1U8, 1U9 OR 1U10 CONNECTS TO 1U3 J2-3, LINE 143

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

⚠ WARNING

HAZARDOUS VOLTAGE
DISCONNECT ALL ELECTRIC POWER
INCLUDING REMOTE DISCONNECTS
BEFORE SERVICING.
FAILURE TO DISCONNECT POWER
BEFORE SERVICING CAN CAUSE
SEVERE PERSONAL INJURY OR DEATH.

AVERTISSEMENT
VOLTAGE DANGEREUX
DECONNEXIONNEZ TOUTES LES SOURCES
ELECTRIQUES INCLUANT LES
DISCONNECTEURS SITUÉS A DISTANCE
AVANT DE FAIRE LE SERVICE.
LAUTE DE DECONNECTER LA SOURCE
ELECTRIQUE AVANT DEFFECTUER
L'ENTRETIEN PEUT ENTRAENER DES
BLESSES PERSONNELLES SEVERES
OU LA MORT.

CAUTION

CAUTION
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.

DEVICE PREFIX CODE:

- 1 = MAIN UNIT CONTROL PANEL
4 = UNIT MOUNTED DEVICE
5 = REMOTE MOUNTED DEVICE
6 = CUSTOMER PROVIDED DEVICE