NOTES:

1. ALL WIRING AND DEVICES SHOWN DASHED TO BE SUPPLIED AND INSTALLED BY THE CUSTOMER IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODES.
2. IF ANY OF THE ORIGINAL WIRE, AS SUPPLIED WITH THIS UNIT, MUST BE REPLACED, REPLACE IT WITH APPLIANCE WIRING MATERIAL RATED AT 105°C.
3. THREE PHASE MOTORS ARE PROTECTED UNDER PRIMARY SINGLE PHASING CONDITIONS. ALL MOTORS HAVE INTERNAL OVERLOAD PROTECTION. COMPRESSORS HAVE INTERNAL THERMAL PROTECTION.

4 CONNECTIONS SHOWN ARE FOR 460V/60HZ/3PH OR 380V/50HZ/3PH. WHEN 575V/60HZ/3PH OR 415V/50HZ/3PH OPERATION IS REQUIRED, REMOVE WIRES FROM H2 TERMINAL ON TNS2 AND CONNECT TO H3 TERMINAL ON TNS2.

5 CONNECTIONS SHOWN ARE FOR 460V/60HZ/3PH. WHEN 575V/60HZ/3PH OR 380-415V/50HZ/3PH OPERATION IS REQUIRED, REMOVE WIRES FROM 460V TERMINAL ON TNS1 AND CONNECT TO 400V/575V TERMINAL ON TNS1.

7 WHEN COMM INTERFACE IS INSTALLED, CONNECT CABLE P21 TO COMM J1 AND P14 TO RTRM J4. SEE INSET A. SEE COMM INTERFACE LITERATURE FOR SWITCH SETTINGS.

14 CONNECT PPF5 TO COMM IF PRESENT. IF RTOM OR ECONOMIZER W/ COMM INTERFACE IS INSTALLED, CONNECT PPF5 TO J2 ON COMM. IF COMM INTERFACE IS NOT INSTALLED, CONNECT PPF5 TO J4 ON RTRM. SEE INSET B.

15 REQUIRED FOR CO2 OR VENTILATION OVERRIDE ACCESSORY.

18 TO DISABLE COMPRESSORS. REMOVE JUMPER AND CONNECT FIELD SUPPLIED CONTROL DEVICE.

19 TO SHUT DOWN THE UNIT FOR EMERGENCY STOP. REMOVE JUMPER AND INSTALL FIELD SUPPLIED DEVICE.

23 CONNECT WIRES 36BY AND 36BZ TO ENABLE 3 STAGE COOLING ONLY ON HIGH EFFICIENCY SHORT ORIFICE UNITS.

24 TITLE 24 ONLY

25 SINGLE ZONE VAV ONLY

26 TITLE 24 AND SINGLE ZONE VAV

27 F CONTACTOR USED FOR CV UNITS. FOR TITLE 24/SINGLE ZONE VAV UNITS REPLACE F WITH HTB3.

28 IF OPTIONAL ECONOMIZER IS ORDERED WITHOUT RTOM, CONNECT PPM6 TO PPF8. SEE INSET C.

29 WIRING SHOWN IS FOR CV UNITS. 36W NOT PRESENT ON VAV UNITS.

30 WIRE NUMBERS WITH A "/" IN BETWEEN ARE CV/VAV OPTIONS.

WIRE COLOR DESIGNATION			
ABBR	COLOR	ABBR	COLOR
BK	BLACK	PR	PURPLE
BL	BLUE	RD	RED
BR	BROWN	WH	WHITE
GR	GREEN	YL	YELLOW
OR	ORANGE	TN	TAN

IMPORTANT!

DO NOT ENERGIZE UNIT UNTIL CHECK-OUT AND START-UP PROCEDURE HAS BEEN COMPLETED.

TRANE

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

FILE NUMBER: 2313-1429	DRAWING NUMBER: 2313-1407	SHEET: 1 OF 1	REV B
DRAWN BY: D. SHANNON	TRANE® DATE: 10-17-11		
REPLACES:	REVISION DATE: 11-11-11		
CAD SYSTEM USED: PRO/DETAIL	SIMILAR TO: 2313-0322-B		

VOYAGER 2
DIAGRAM
CONNECTIONS - CONTROL BOX
GAS HEAT - 380-575 VAC
W/ TITLE 24/SINGLE ZONE VAV
YC 180, 181

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.

PRECAUCIÓN

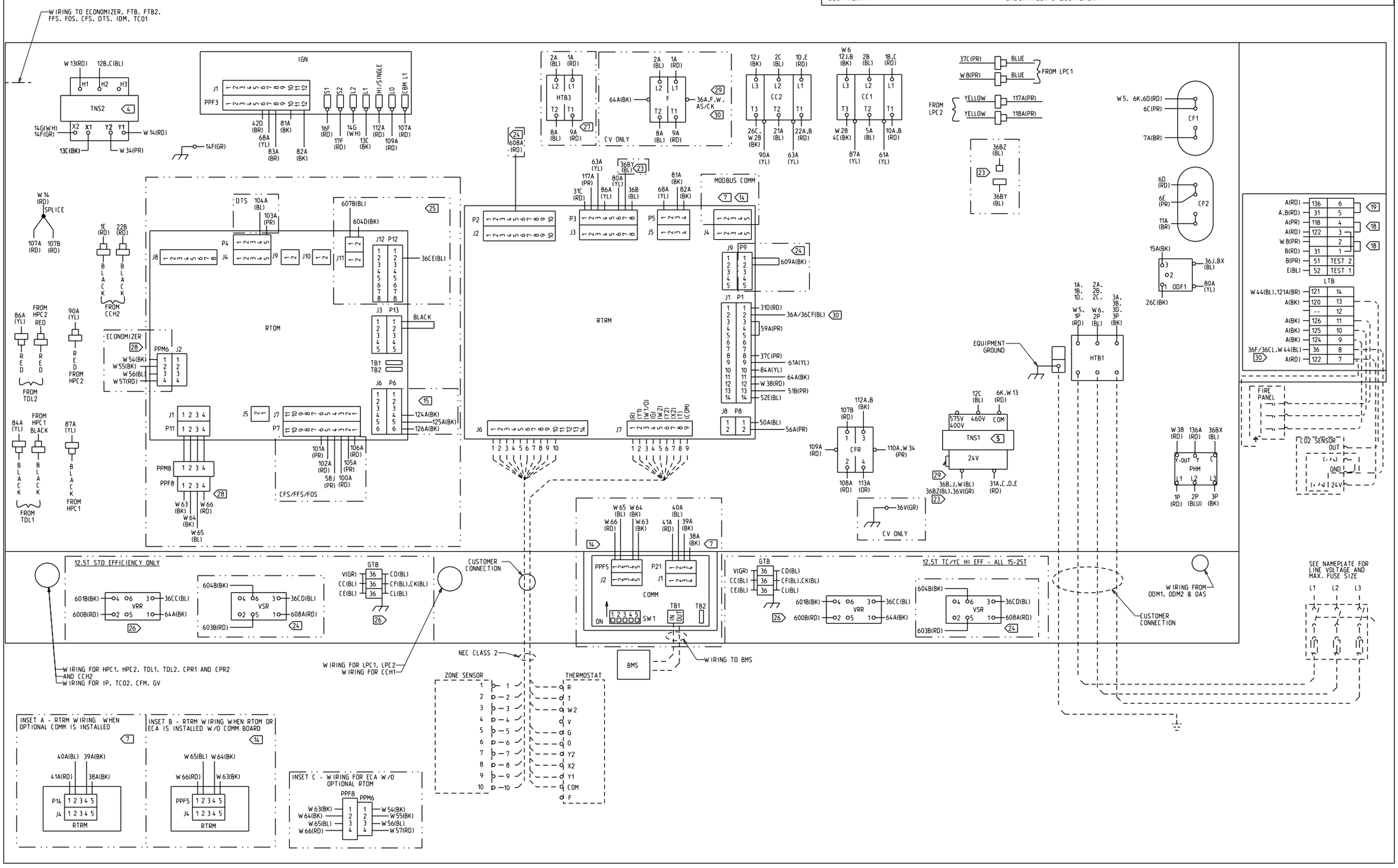
N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!

LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.

L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'ÉQUIPEMENT.

ATTENTION

¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!

LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.