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. WHEN 575V/60HZ/3PH OPERATION IS REQUIRED. REMOVE WIRES FROM H2 TERMINAL ON TNS2 AND CONNECT TO H3 TERMINAL.
5. CONNECTIONS SHOWN ARE FOR 460V/60HZ/3PH. WHEN 575V/60HZ/3PH OPERATION IS REQUIRED. REMOVE WIRES FROM 460V TERMINAL ON TNS1 AND CONNECT TO 575V TERMINAL.
6. WHEN COMM INTERFACE IS INSTALLED, CONNECT CABLE FROM COMM J1 TO RTRM J4, AS SHOWN IN INSET A. SEE COMM INTERFACE LITERATURE FOR SWITCH SETTINGS.
8. 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.
9. REQUIRED FOR CO2 OR VENTILATION OVERRIDE ACCESSORY.
10. TO DISABLE COMPRESSORS. REMOVE JUMPERS AND CONNECT FIELD SUPPLIED CONTROL DEVICE.
11. TO SHUT DOWN THE UNIT FOR EMERGENCY STOP. REMOVE JUMPER AND INSTALL FIELD SUPPLIED DEVICE.
12. CONNECT WIRES 36BY AND 36BZ TO ENABLE 3 STAGE COOLING ON HIGH EFFICIENCY SHORT ORIFICE UNITS ONLY.
13. IF OPTIONAL ECONOMIZER IS ORDERED WITHOUT RTOM, CONNECT PPM6 TO PPF8. SEE INSET C.
14. WIRING SHOWN IS FOR UNITS WITH OPTIONAL DEHUMIDIFICATION ONLY. WHEN DEHUMIDIFICATION IS NOT REQUIRED LPC3, TIOR AND CONFIGURATION HARNESSES ARE NOT PRESENT. RTRM-P1 AND RTRM-P2 ARE CONNECTED DIRECTLY TO RTRM-J1 AND -J2 AND W8 (PR) IS CONNECTED TO LPC1.
16. VARIABLE SPEED MOTOR ONLY.
17. SINGLE ZONE VAV ONLY.
18. CONNECTIONS SHOWN ARE FOR UNIT SIZE INDICATED. CONNECTIONS FOR OTHER SIZE UNITS ARE MADE IN COMPRESSOR JUNCTION BOX.
19. CONNECTIONS FOR 20T UNITS WITH OPTIONAL DEHUMIDIFICATION ARE MADE IN COMPRESSOR JUNCTION BOX.
20. ORANGE LEADS ARE FROM LPC3. (UNITS W/ DEHUMIDIFICATION ONLY)

WIRE COLOR DESIGNATION			
ABBR	COLOR	ABBR	COLOR
BK	BLACK	V (PR)	PURPLE
BL	BLUE	R	RED
BR	BROWN	TN	TAN
G	GREEN	W	WHITE
O	ORANGE	Y	YELLOW

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

TRANE
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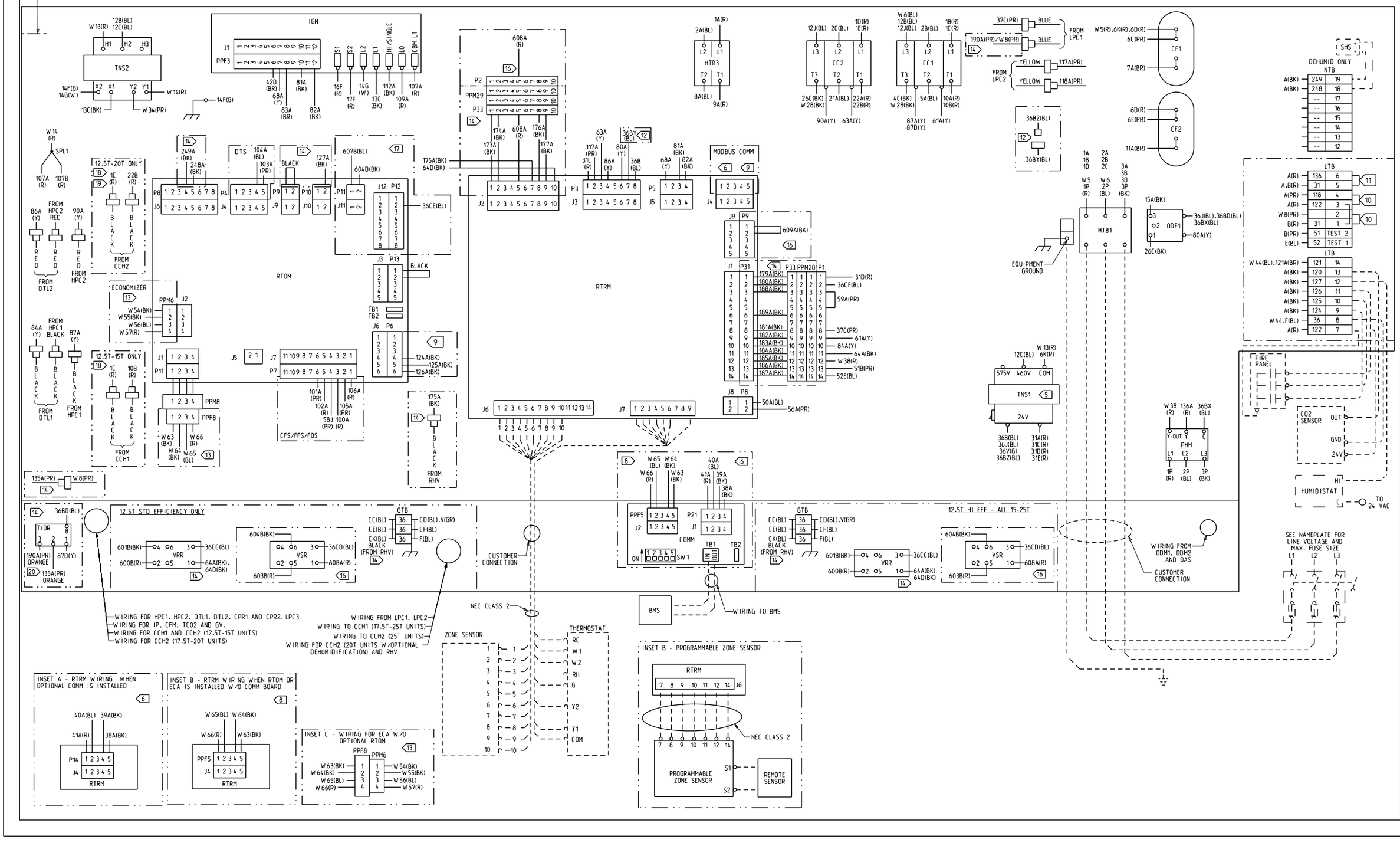
DRAWN BY: D. SHANNON	TRANE® DATE: 3/16/12	FILE NUMBER: 2313-1496	DRAWING NUMBER: 2313-1510	SHEET: 1 OF 1	REV A
REPLACES: 2313-1418-A	REVISION DATE:	VOYAGER 2 DIAGRAM CONNECTION - CONTROL BOX 2 STAGE GAS HEAT - 460-575 VAC VARIABLE AIR VOLUME			
CAD SYSTEM USED: PRO/DETAIL	SIMILAR TO:				

CAUTION	PRECAUCIÓN	ATTENTION
USE COPPER CONDUCTORS ONLY!	N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!	¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.	LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.	LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.	L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'ÉQUIPEMENT.	SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.