FILE NUMBER:	DRAWING NUMBER:	SHEET:	REV
2307-9152	2307-9154	1 OF 1	C

ROOFTOP PACKAGED AIR CONDITIONER
DIAGRAM
CONNECTION - CONTROL BOX AREA 1
RT 40-75 TON - SHEET 1 OF 3
W/ SUPPLY FAN VARIABLE FREQUENCY DRIVE

TRANE

THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR TRANSFERRED TO OTHER PARTIES WITHOUT THE CONSENT OF TRANE.

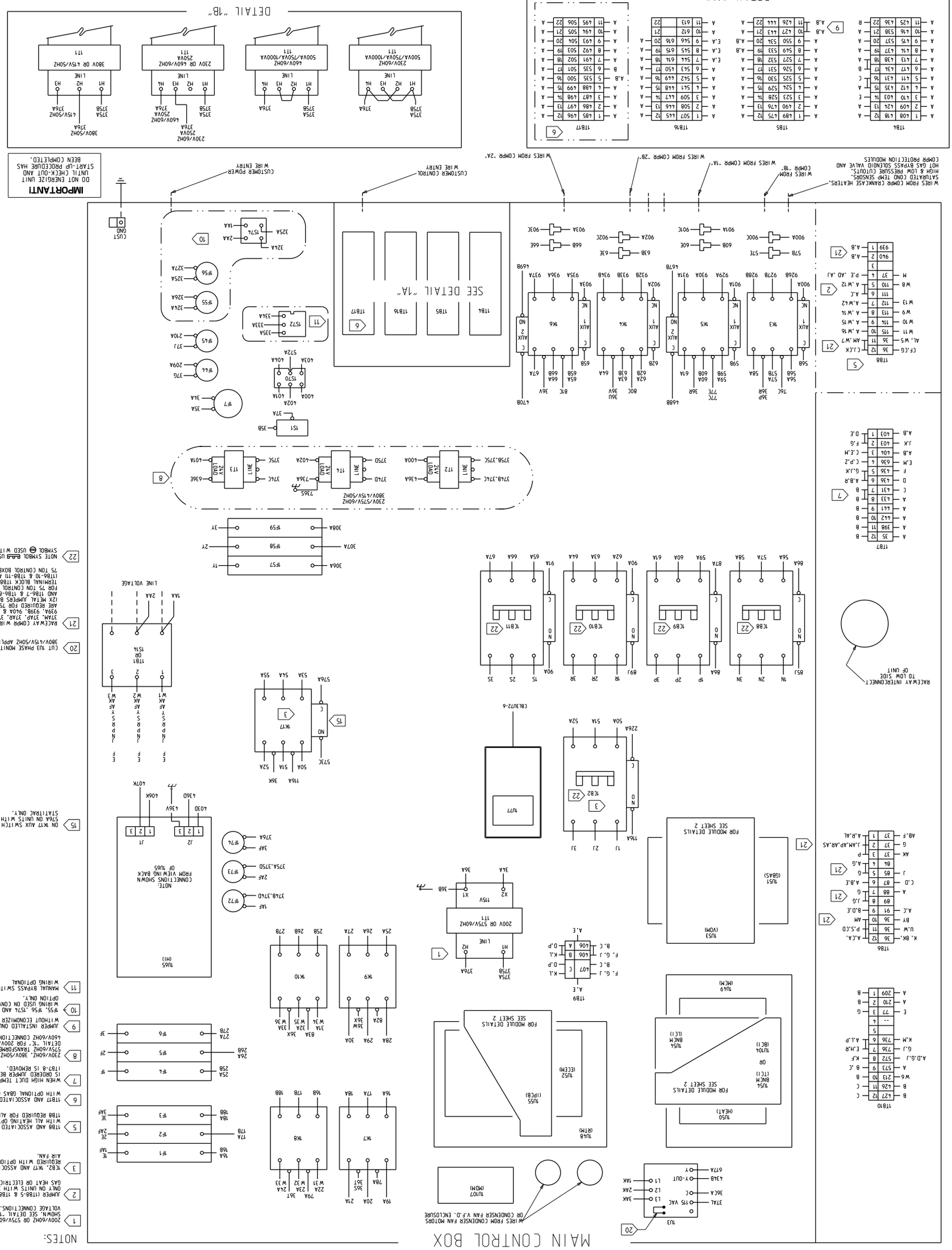
DRAWN BY: T. DEPRIEST	TRANE® DATE: 09/23/08	
REPLACES: --	REVISION DATE: 07-Jan-10	
CAD SYSTEM USED: Pro/DETAIL	SIMILAR TO: 2307-4613	

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 UNICAMENTE 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.

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



NOTES:

1. 200V/60HZ OR 575V/60HZ TRANSFORMER SHOWN. SEE DETAIL "1B" FOR OTHER VOLTAGE CONNECTIONS.
2. JUMPER (1TB8-5 & 1TB8-6) REQUIRED ONLY ON UNITS WITH 2-STAGE NATURAL GAS HEAT OR ELECTRIC HEAT OPTION.
3. 1CB2, 1K17 AND ASSOCIATED WIRING REQUIRED WITH OPTIONAL EXHAUST AIR FAN.
5. 1TB8 AND ASSOCIATED WIRING REQUIRED WITH ALL HEATING OPTIONS. 1TB8 REQUIRED FOR ALL 75 TON CONTROL BOXES.
6. 1TB7 AND ASSOCIATED WIRING REQUIRED WITH OPTIONAL GBAS (1U51).
7. WHEN HIGH DUCT TEMP T-STAT (2S36-3S37) IS ORDERED JUMPER BETWEEN 1TB7-7 AND 1TB7-8 IS REMOVED.
8. 230V/60HZ, 380V/50HZ, 415V/50HZ OR 575V/60HZ TRANSFORMERS SHOWN. SEE DETAIL "1C" FOR 200V/60HZ OR 460V/60HZ CONNECTIONS.
9. JUMPER INSTALLED ON ONLY WITHOUT ECONOMIZER OPTION.
10. 1FS5, 1FS6 ,1S74 AND ASSOCIATED WIRING USED ON CONVENIENCE OUTLET OPTION ONLY.
11. MANUAL BYPASS SWITCH AND ASSOCIATED WIRING OPTIONAL
15. ON 1K17 AUX SWITCH USE WIRES 5J3C & 5J6A ON UNITS WITH 100% EXHAUST W/O STATITRAC ONLY.
20. CUT 1U3 PHASE MONITOR JUMPER WIRE ON 380V/415V/50HZ APPLICATIONS ONLY.
21. RACEWAY COMPR WIRES 3AC1F, 3AC1G, 3AC1J, 3AC1K, 3J4A, 3J4P, 3J4R, 3J4S, 8AG, 8SG, 8AG, 8SG. ARE REQUIRED FOR 75 TON UNITS ONLY. (2X METAL JUMPERS BETWEEN 1TB6-4 & 1TB6-5 AND 1TB6-7 & 1TB6-8 ARE NOT REQUIRED FOR 75 TON CONTROL BOXES) TERMINAL BLOCK 1TB8 AND JUMPER WIRE 3GAM (1TB6-10 & 1TB8-11) ARE REQUIRED FOR ALL 75 TON CONTROL BOXES.
22. NOTE SYMBOL USED WITH 200/230V UNITS. SYMBOL USED WITH 380/415/460/575V UNITS.