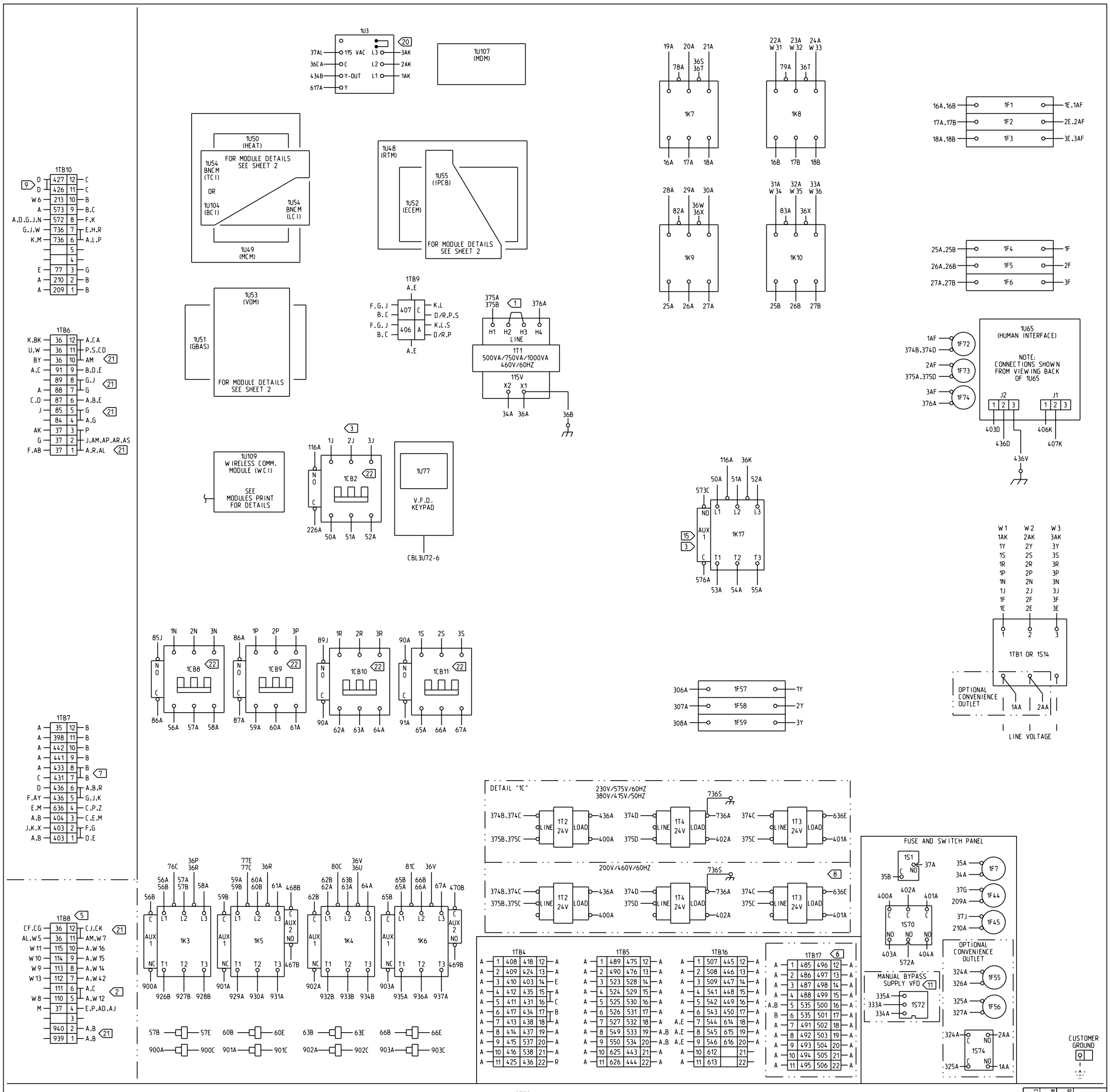

NOTES:

1. 460V/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 AND FOR ALL 75 TON CONTROL BOXES.
6. 1TB17 AND ASSOCIATED WIRING REQUIRED WITH OPTIONAL GBAS (1U51).
7. WHEN HIGH DUCT TEMP T-STAT (3S16-3S17) IS ORDERED JUMPER BETWEEN 1TB7-7 AND 1TB7-8 IS REMOVED.
8. 200V/60HZ AND 460V/60HZ TRANSFORMERS SHOWN. SEE DETAIL "1C" FOR OTHER VOLTAGE CONNECTIONS.
9. JUMPER INSTALLED ONLY ON UNITS WITHOUT ECONOMIZER OPTION.
11. MANUAL BYPASS SWITCH AND ASSOCIATED WIRING OPTIONAL.
15. ON 1K17 AUX SWITCH USE WIRES 573C & 576A ON UNITS WITH 100% EXHAUST W/O STATITRAC ONLY.
20. FOR 380V/415V/50HZ APPLICATIONS CUT JUMPER ON 1U3 PHASE MONITOR.
21. RACEWAY COMPRESSOR WIRES 36CF, 36CG, 36CJ, 36CK, 37AM, 37AP, 37AR, 37AS, 84G, 85G, 88G, 89G, 939A, 939B, 940A & 940B 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 36AM (1TB6-10 & 1TB8-11) ARE REQUIRED FOR ALL 75 TON CONTROL BOXES.
22. SYMBOL USED WITH 200/230V UNITS. SYMBOL USED WITH 380/415/460/575V UNITS.

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TRANE

DRAWN BY: K. EDWARDS
TRANE® DATE: 7/25/12
REPLACES: 2313-1065-A
REVISION DATE:
CAD SYSTEM USED: Pro/DETAIL
SIMILAR TO: --

FILE NUMBER: 2313-1138
DRAWING NUMBER: 2313-1140
SHEET: 1 OF 1
REV: A

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