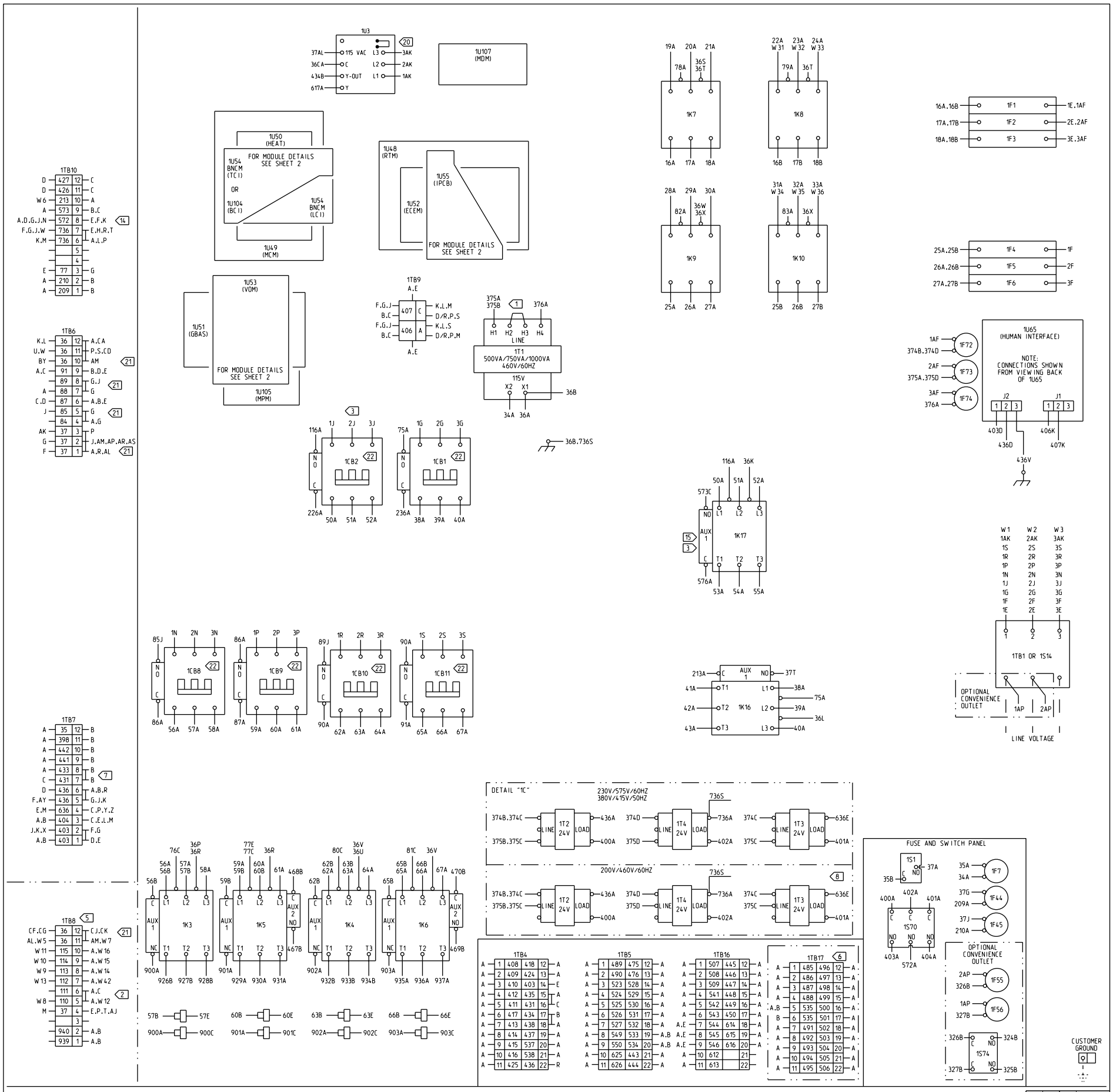

NOTES:

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/RETURN 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.
14. ON 1TB10-8 USE WIRE 572E ON 100% EXHAUST UNITS W/O STATITRAC. USE 572F ON 100% EXHAUST UNITS W/ STATITRAC.
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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SHEET: 1 OF 1

REV: B

ROOFTOP PACKAGED AIR CONDITIONER

DIAGRAM

CONNECTION - CONTROL BOX

40-75 TON - STANDARD

CONNECTION 1 OF 3