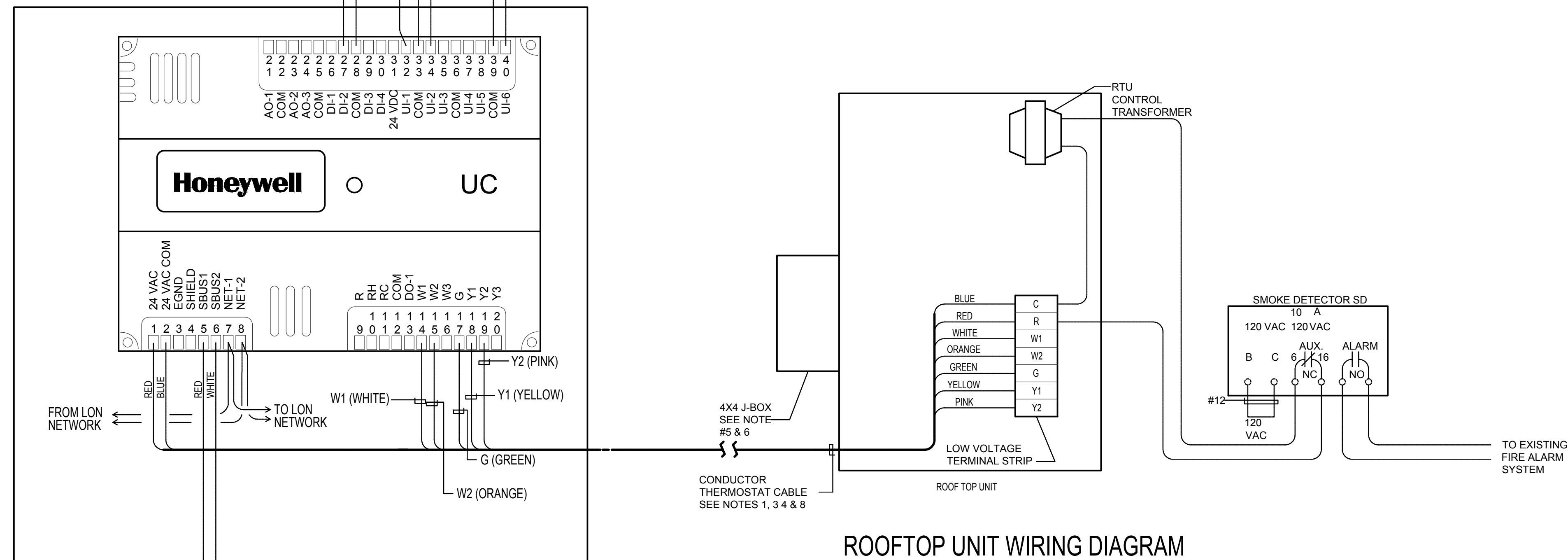


TYPICAL CONDUIT DIAGRAM - ROOF TOP UNITS
 NO SCALE



ROOFTOP UNIT WIRING DIAGRAM

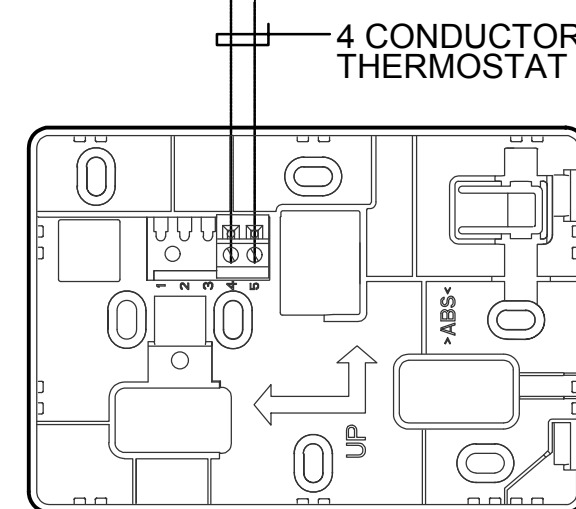
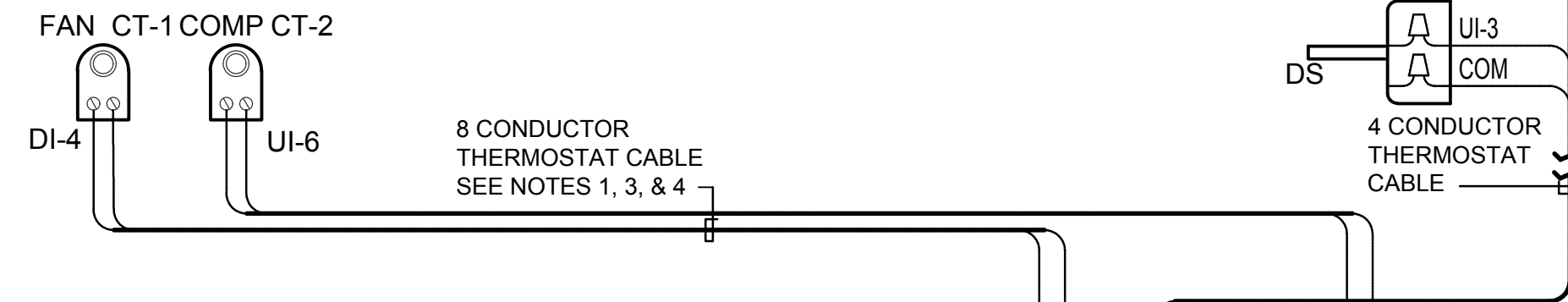
- ① ALL CATALOG NUMBERS SHOWN ARE HONEYWELL UNLESS NOTED OTHERWISE.
- ② SEE SPECIFICATIONS

NOTES:

1. THERMOSTAT CABLE- 4, 8 CONDUCTOR- 18 AWG SOLID COPPER WIRE INSULATED WITH HIGH DENSITY POLYETHYLENE. CONDUCTORS PARALLEL. ENCLOSED IN BROWN PVC JACKET. (NO 22 AWG CABLE ALLOWED).
2. USE WIRE NUT CONNECTORS FOR SPlicing CONDUCTORS IN SPECIFIED LOCATIONS. AND TYTON TYPE CRIMP CONNECTORS FOR TERMINAL CONNECTIONS. NO TERMINAL CONNECTORS REQUIRED AT THERMOSTAT OR SENSOR.
3. DO NOT RUN ANY OTHER WIRING IN CONDUIT WITH THERMOSTAT CABLE.
4. DO NOT SPlice WIRE IN RUNS FROM SENSOR TO THERMOSTAT, THERMOSTAT TO FURNACE, AND THERMOSTAT TO DISCHARGE AIR SENSOR.
5. PROVIDE CHASE NIPPLE W/PLASTIC BUSHING WHEN ATTACHING J-BOX TO EQUIPMENT.
6. PROVIDE CABLE CLAMP SO THAT CABLES CANNOT BE PULLED OUT OF J-BOX.
7. MOUNT CO2/TEMPERATURE SENSORS IN ZONE 1-4 & 12-14 ON COLUMN AT 78" AFF.
8. PROVIDE CT FOR ACTUAL NUMBER OF FANS AND COMPRESSORS.

SYMBOLS

- J JUNCTION BOX DIV. 26
- UC UNITARY CONTROLLER
- T REMOTE SENSOR DIV. 23
- DS DISCHARGE AIR SENSOR DIV. 23 RACEWAY DIV. 26
- MS MIXED AIR SENSOR DIV. 23
- OA OUTSIDE AIR SENSOR DIV. 23
- CT CURRENT TRANSDUCER



EXISTING SYSTEMS RTU-1,2 & 3,4