### WATER COIL SCHEDULE - HEATING

| DESIGNATION | SERVICE | LOCATION | TOTAL CAP. (GBP/AH) | EAT CAP. (GBP/AH) | LATE CAP. (GBP/AH) | FLUID CAP. (GBP/AH) | AIR CAP. (GBP/AH) | FLUID CAP. (GBP/AH) | S.A. FLOW (GPM) | AIR CAP. (LBT) | FLUID CAP. (LBT) | COIL # OF ROWS/FP | FPI | AIR PRES. DROP (INCHES WC) | FTOF HEAD | WTR PRES. DROP (INCHES WC) | FLOW RATES (GPM) | COMPRESSED AIR VEL. (FT/SEC) | FACE VEL. (FT/SEC) | AIR OILS | FLUID OILS | MODEL NO. | WEIGHT |
|-------------|---------|----------|---------------------|------------------|------------------|-------------------|------------------|------------------|----------------|----------------|----------------|------------------|-----------------|---------|-----------------------------|--------------|-----------------------------|-----------------|-----------------|----------------|---------|
| CO-1        | AHU-X   | RM #8    | -                   | -                | -                | -                 | -                | -                | -              | -              | -              | -                | -                | -        | -                          | -             | -                           | -              | -               | -            | -       |

**REMARKS (VAC/A) (AS/CS):**

1. PROVIDE ISOLATION VALVES AT MAIN.
2. FINAL CONNECTION TO VAV SHALL BE HARD PIPE, FLEXIBLE CONNECTIONS ARE PROHIBITED. MANUAL, AND BALANCING VALVES SHALL COMPLY WITH YALE STANDARD. COIL PACKAGES WITH INTEGRATED ISOLATION VALVES FOR STAINER AND BALANCING VALVE ARE PROHIBITED.
3. PROVIDE BREAK FLANGES OR UNIONS FOR COIL REMOVAL.
4. BALANCING VALVE:
   A. COIL SHALL HAVE HIGH POINT MANUAL VENT
   B. COIL SHALL HAVE LOW POINT DRAIN
   C. STACKED COILS SHALL HAVE BALANCING VALVE FOR EACH COIL, ON RETURN SIDE.

**GENERAL NOTES:**

1. VAV TO BE INSTALLED PER MANUFACTURES RECOMMENDATIONS. MAINTAIN CLEARANCE FOR ACCESS TO CONTROLS AND OTHER DEVICES WHICH REQUIRE MAINTENANCE ACCESS.

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**VAV HEATING COIL**

**Scale:** N.T.S.

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**Yale University**
**Facilities Planning & Construction**
**Standard Detail**

**DETAIL TITLE:**
VAV HEATING COIL

**CAD DETAIL NO.:**
SD238216-05

**DATE:**
01/16/2019

**SCALE:** N.T.S.

**BY:** MGL