WATER COIL SCHEDULE - HEATING

<table>
<thead>
<tr>
<th>DESIGNATION</th>
<th>SERVICE</th>
<th>LOCATION</th>
<th>EAT</th>
<th>LAT</th>
<th>FLUID</th>
<th>EAT</th>
<th>LAT</th>
<th>FLUID</th>
<th>COM.</th>
<th>MFG.</th>
<th>WT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC-1</td>
<td>AHU-X</td>
<td>MER RM 8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COIL EQUIPMENT**

- D Z
- IA

**GENERAL NOTES:**

1. **Provide isolation valves at main.
2. **Final connection to VAV shall be hard piped, flexible connections are prohibited. Manual and balancing valves shall comply with Yale standard. Coil packages with integrated isolation valves for stainer and balancing values are prohibited.
3. **Provide break flanges or unions for coil removal.
4. **Balancing valves:
   - A. Manual Bell and Gossett model HCB bronze calibrated circuit setter having preset balancing capabilities, memory stop, brass ball, differential pressure readout ports and calibrated nameplate.

**KEY NOTES:**

- Air side face velocity shall not exceed 400 FPM.
- Minimum tube thickness shall be 0.33 inches WC.
- Coil and headers shall be fabricated of non-ferrous material.
- Maximum water pressure drop shall be 10 FT WC.
- PP shall not be greater than 12.

**DETAIL TITLE:**

VAV HEATING COIL

*Yale University*
Facilities Planning & Construction
Standard Detail

**CAD DETAIL NO.:**
SD238216-05
**DATE:** 01/16/2019
**SCALE:** N.T.S.
**BY:** MGL