## WATER COIL SCHEDULE - COOLING

<table>
<thead>
<tr>
<th>DESIGNATION</th>
<th>SERVICE</th>
<th>LOCATION</th>
<th>TOTAL CAP.</th>
<th>SENSIBLE CAP.</th>
<th>EAT</th>
<th>LAT</th>
<th>FLUID</th>
<th>AIR</th>
<th>FLUID</th>
<th>AIR</th>
<th>COIL</th>
<th>EQUIPMENT</th>
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</thead>
<tbody>
<tr>
<td>CC-1</td>
<td>MHX</td>
<td>MB NW #</td>
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**SPECIFICATIONS:**

- Coil connections shall be male NPT, or flange.
- Coil and headers shall be fabricated of non-ferrous material.
- Coil shall have high point manual vent.
- Coil and headers shall be fabricated of non-ferrous material.
- Maximum flow velocity shall not exceed 4.5 ft/s.
- Maximum air pressure drop shall be 0.5 inches WC.
- Maximum water pressure drop shall be 10 ft WC.
- FPR shall not be greater than 15.

**GENERAL NOTES:**

1. Provide isolation valves at coil and main, for pipe greater than two inches provide type BF valve (butterfly).
2. Provide break flanges for coil removal.
3. Balancing valves shall be manual type.
4. Pipe to floor drain.
5. Low point drain with ball valve, and hose connection cap.
6. Branch piping shall be connected at top of main.
7. Pipe diameter connection to cooling coil shall be sized not to exceed 9 ft/s.
8. Provide vent at coil and high point of piping.

**MULTI BANK COOLING COIL**

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

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

**DETAIL TITLE:**
MULTI BANK COOLING COIL

**CAD DETAIL NO.:**
SD238216-04

**DATE:** 01/16/2019
**SCALE:** N.T.S.
**BY:** MGL