**NOTES:**

1. SEE STANDARD DETAILS STD-501 AND STD-502 FOR STORM WATER QUALITY UNIT PRODUCT DETAILS.
2. REFERENCE TECHNICAL NOTE 1.03 FOR ADDITIONAL DESIGN INFORMATION.
3. ELEVATION CHANGE DENOTES THE ELEVATION DROP FROM INVERT OF BYPASS AT INLET TO INVERT OF BYPASS AT OUTLET.

**SHOWN AS NYLOPLAST BASIN. SEE STRUCTURE OPTIONS FOR ALTERNATE CONFIGURATIONS.**

- FITTING DIMENSIONS VARY WITH UNIT DESIGN, DIMENSIONS CAN BE PROVIDED ONCE DESIGN IS EVALUATED.
- COMBINATIONS OF NYLOPLAST BASINS AND FABRICATED FITTINGS ARE AVAILABLE.
- STRUCTURES BY OTHERS MAY BE USED.

**INLET STRUCTURE NYLOPLAST BASIN**

**OUTLET STRUCTURE NYLOPLAST BASIN**

**INLET STRUCTURE FABRICATED SUMP TEE**

**OUTLET STRUCTURE FABRICATED REDUCING WYE**

**MODEL #**

<table>
<thead>
<tr>
<th>MODEL #</th>
<th>MAIN PIPE DIA.</th>
<th>SIEVE SIZE</th>
<th>PARTICLE SIZE (CM)</th>
<th>TREATED FLOW RATE (CFS)</th>
<th>INLET Ø</th>
<th>OUTLET Ø</th>
<th>OUTLET ORIFICE Ø</th>
<th>ELEVATION CHANGE*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4820WQAXX</td>
<td>48&quot;</td>
<td>140</td>
<td>0.0106</td>
<td>2.26</td>
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<td>14.6&quot;</td>
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<tr>
<td>4820WQBXX</td>
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<td>200</td>
<td>0.0075</td>
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<td>12&quot;</td>
<td>6.53&quot;</td>
<td>14.6&quot;</td>
</tr>
</tbody>
</table>

XX DENOTES A BY-PASS SIZE OF 15", 18", 24", 30", 36", 42", 48", OR 60" XX=00 DENOTES UNITS W/O A BY-PASS.

* ELEVATION CHANGE FOR UNITS WITHOUT A BY-PASS IS 2".

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