### Siphon Details

**Plan View**
- Length of siphon pipe is actual length measured along the pipe centerline.
- Headwall dimensions and quantities.

**Elevation View**
- Pipe diameter dimensions.
- Headwall dimensions.
- Headwall quantities.

**General Notes**
1. Siphon, drain, valve, and valve box, and trash guards are to be provided only when called for on the plans.
2. Concrete shall be class B.
3. All exposed concrete corners shall be chamfered 1/4" in.
4. The location, size, pipe material and governing dimensions of siphons will be shown on the plans.
5. To determine wall thickness or class for siphon pipe, see appropriate tables in Standard Plan M-603.
6. Cost of joint sealers, gaskets, fittings and connections shall be included in the bid price for siphon pipe.
7. Trash guards and appurtenances shall be galvanized in conformance with AASHTO M-111.

**Trash Guard Details**
- Dimensions and quantities.

**Pipe Diameter Concretes and Quantities**

<table>
<thead>
<tr>
<th>Pipe Diameter</th>
<th>Concrete</th>
<th>Hinge JK</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>12</td>
<td>12.5 x 2&quot;</td>
<td>24</td>
<td>3.5</td>
</tr>
<tr>
<td>18</td>
<td>12.5 x 2&quot;</td>
<td>24</td>
<td>4.4</td>
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<tr>
<td>24</td>
<td>12.5 x 2&quot;</td>
<td>24</td>
<td>5.2</td>
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<tr>
<td>30</td>
<td>13.5 x 2½&quot;</td>
<td>24</td>
<td>6.0</td>
</tr>
<tr>
<td>36</td>
<td>13.5 x 2½&quot;</td>
<td>24</td>
<td>6.4</td>
</tr>
</tbody>
</table>

**Trash Guard Details**
- Dimensions and quantities.

**General Notes**
- Siphon, drain, valve, and valve box, and trash guards are to be provided only when called for on the plans.
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