GENERAL NOTES

1. This skimmer is intended for use on Type C, D, or E Ditch Bottom. Delete that are used
   as outlet control structures of stormwater management facilities.
2. The side panels are dimensionally symmetric, therefore they may be used on either side
   of the structure.
3. Two (2) skimmers may be constructed on one structure provided they are on opposite ends.
4. The width of the front panel (dimension W) shall be the same as the outside dimension
   across the front of the structure.
5. The front panel, side panels, and flat bars are to be hot dip galvanized after fabrication.
6. The location of the reinforcing steel in these structures must conform to the applicable
   standards to avoid conflict with the expansion anchors used to attach the skimmer.
7. Grates to be used on the inlets unless otherwise specified in the plans.
8. A skimmer consists of two (2) side panels, one front panel, two (2) flat bars, and
   accessory hardware. The cost of skimmers is to be included in the cost of the inlet.

DESIGN NOTES

1. The designer must specify, in the plans, the skimmer height (dimension H) and
   the sides where the web slots and skimmers are located. The skimmer
   height must be one of the dimensions shown in the table on Sheet 2. The skimmer
   should not be used on structure sides with outside dimensions greater than 6'-4".
2. To minimize hydraulic losses across the skimmer, the flow area under
   the skimmer should be three times larger than the flow area of the web slot. The
   distance between the pond bottom at the structure and the skimmer should
   be not less than 1 foot.
3. The configuration of skimmers may be subject to regulatory requirements.
   The designer should coordinate the outlet control structure details with the
   permitting agencies.
4. Where this skimmer is used, the designer should reference this index with
   the outlet control structure details. Where a different skimmer design is needed, the
   designer should provide skimmer details in the plans.
5. The designer shall evaluate if a grate is needed for safety reasons. Where a grate
   is not needed for safety reasons and is not desirable for hydraulic or other reasons, the
   designer may omit the grate by stating so in the outlet control structure details.
6. The designer must show the configuration of the web slots in the outlet control
   structure detail.
### Dimensions

<table>
<thead>
<tr>
<th>H (inches)</th>
<th>D</th>
<th>E</th>
<th>L</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>3</td>
<td>3%</td>
<td>28</td>
<td>3</td>
</tr>
<tr>
<td>14</td>
<td>3</td>
<td>3%</td>
<td>28</td>
<td>4</td>
</tr>
<tr>
<td>16</td>
<td>3</td>
<td>3%</td>
<td>28</td>
<td>5</td>
</tr>
<tr>
<td>18</td>
<td>3</td>
<td>3%</td>
<td>28</td>
<td>6</td>
</tr>
<tr>
<td>20</td>
<td>4</td>
<td>4%</td>
<td>31</td>
<td>6</td>
</tr>
<tr>
<td>22</td>
<td>4</td>
<td>4%</td>
<td>31</td>
<td>7</td>
</tr>
<tr>
<td>24</td>
<td>4</td>
<td>4%</td>
<td>31</td>
<td>8</td>
</tr>
<tr>
<td>26</td>
<td>4</td>
<td>4%</td>
<td>31</td>
<td>9</td>
</tr>
<tr>
<td>28</td>
<td>4</td>
<td>4%</td>
<td>31</td>
<td>10</td>
</tr>
<tr>
<td>30</td>
<td>5</td>
<td>5%</td>
<td>31</td>
<td>10</td>
</tr>
<tr>
<td>32</td>
<td>5</td>
<td>5%</td>
<td>31</td>
<td>11</td>
</tr>
<tr>
<td>34</td>
<td>5</td>
<td>5%</td>
<td>31</td>
<td>12</td>
</tr>
<tr>
<td>36</td>
<td>6</td>
<td>6%</td>
<td>31</td>
<td>12</td>
</tr>
<tr>
<td>38</td>
<td>6</td>
<td>6%</td>
<td>31</td>
<td>13</td>
</tr>
<tr>
<td>40</td>
<td>6</td>
<td>6%</td>
<td>31</td>
<td>14</td>
</tr>
</tbody>
</table>

**Typo changes.**

Upgraded to V8

**FLAT BAR**

- 3\% Dia. (15 holes)
- 3/4" Thick x 15/8" Wide

**TOP VIEW**

- Steel Sheet 0.1345" Thick (10 Gauge)
- 3/8" Dia. (8 Holes)

**END VIEW (FRONT)**

- 5/8" x 1/4" (13 Slots)

**SIDE VIEW**

- Steel Sheet 0.1345" Thick (10 Gauge)
- 3/8" Dia. (16 Holes)

**SIDE PANEL**

- Top Flange (Cut away)
- Bottom Flange

**FRONT PANEL**

- Front Panel Width Varies, See General Notes