**Skimmer Dewatering Device**

**Plan**

- Wall of outlet structure
- 4 LF of 4" flexible pipe
- Wire stop
- 4 LF of 4" solid PVC pipe
- 4'- 90° Tee
- 4" perf. PVC skimming section w/caps
- 4" solid PVC flotation section w/caps and elbows
- Overlapped connecting bands
- #4 Rebar guide post (typ.), w/wire stop set @ top of riser
- W.S.E.
- Flexible pipe
- Flotation section mounted above skimming section
- Skimming section
- DE #57 stone pad

**Profile thru C of Pipe**

**Source:** Adapted from drawing by Vandemark & Lynch, Inc.

**Symbol:**

**Detail No.:** DE-ESC-3.2.3.1

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Effective FEB 2019
Construction Notes:

1. Pipe flotation section shall be solvent welded to ensure an airtight assembly. Contractor to conduct a test to check for leaks prior to installation.

2. Skimmer section shall have (12) rows of 1/2" dia. holes, 1-1/4" on center. If additional filtration is necessary, the filtering media shall consist of a Type GD-II geotextile fabric wrapped around the perforated portion of the skimmer and attached with plastic snap ties, bands, etc.

3. Flexible pipe shall be inserted into solid pipe and fastened with (2) #8 wood screws.

4. At a minimum, the structure shall be inspected after each rain and repairs made as needed. If vandalism is a problem, more frequent inspection may be necessary.

5. Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.

6. The structure shall only be removed when the contributing drainage area has been properly stabilized.

Materials:

1. Solid pipe - 4" Sched. 40 PVC
2. Perforated pipe - 4" Sched. 40 PVC
3. 90° Tee (1 ea.) - 4" Sched. 40 PVC
4. 90° Elbow (2 ea.) - 4" Sched. 40 PVC
5. Cap (4 ea.) - 4" Sched. 40 PVC, solid
6. Flexible pipe - 4" corrugated plastic tubing (non-perforated)