EXCAVATION AND INSTALL LIGHT STONE FILLING LENGTH: 1.5m, WIDTH: 1.5m, DEPTH: 300mm

OUTLET PIPE DIAMETERS

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Riser Diameter (mm)</th>
<th>Max Elevation (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>300</td>
<td>0.4</td>
</tr>
<tr>
<td>350</td>
<td>350</td>
<td>0.8</td>
</tr>
<tr>
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<td>400</td>
<td>1.2</td>
</tr>
<tr>
<td>500</td>
<td>500</td>
<td>1.6</td>
</tr>
<tr>
<td>600</td>
<td>600</td>
<td>2.0</td>
</tr>
</tbody>
</table>

APPLICATION NOTES:

A. The purpose of a Sediment Trap is to intercept sediment-laden runoff and trap the sediments within, to protect adjacent water bodies, and fill, or flush, the Sediment Trap from sedimentation.

B. A Sediment Trap is usually installed in a drainage way, at a storm drain inlet, or other points of discharge from a disturbed area.

C. SedimentTraps shall be located so that they can be installed prior to grading of fillings in the drainage way they are to protect.

D. Minimum volume of sediment storage shall be 100 cubic meters per ha of contributing drainage area.

E. Surfacing of field edge and outlet in accordance with this detail.

GENERAL NOTES:

1. Excavation and installing Light Stone Filling shall be cleaned, cleared, and stripped of any vegetation and debris. The pool area shall be cleared, but not graded.

2. Grading in the construction, the fill material for the Light Stone Filling shall be free of debris, and other non-suitable materials. The Light Stone Filling shall be compacted by transferring equipment while it is being constructed.

3. Grading all fill slopes shall be 30-60 degrees. Cut slopes shall be 30 degrees or flatter.

4. Appllying temporary seal, mulch, and placing vegetation product to fill from face of the slope to the face of the slope.

5. Perforating the section of the pipe above the embankment shall be perforated with a minimum of 100mm round holes, the smallest diameter pipe should be placed to the bottom of the pipe. All holes will be allowed with 20mm round holes of the outlet pipe.

6. The outlet pipe shall be placed with 600mm diameter pipe, which shall be placed in accordance with drainage pipe. The outlet pipe shall be placed in the drainage pipe. No holes shall be allowed within the outlet pipe.

7. The outlet pipe and outlet pipe connections shall be maintained. Fill material around the outlet pipe shall be sandy compacted in their bottom layers. A minimum of 500mm of sand compacted ballast shall be placed over the outlet pipe before considering of pipe construction equipment.

8. The minimum volume of sediment storage shall be 100 cubic meters per ha of contributing drainage area.

9. The purpose of a Sediment Trap is to intercept sediment-laden runoff and trap the sediments within, to protect the drainage way, and fill, or flush, the Sediment Trap from sedimentation.

10. Maintenance of the temporary Sediment Trap shall include repair and re-leveling of the outlet pipes, and other features as needed to ensure that the trap performs its intended function.

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12. Sediment traps shall be removed and replaced with permanent features under the conditions as established by the State of New York Department of Transportation.

13. The purpose of a Sediment Trap is to intercept sediment-laden runoff and trap the sediments within, to protect the drainage way, and fill, or flush, the Sediment Trap from sedimentation.