TYPICAL BIORETENTION FACILITY PROFILE

BIORETENTION PLANTING DETAIL

Maintenance Schedule for Bioretention Area:
1. Inspect facility on a semi-annual basis the first year, and after major storm events.
2. Inspect facility annually after the first year.
3. Test planting soil on an annual basis for pH to establish acidic/alkaline balance. If the pH is below 7.0, iron-sulfate plus fertilizer should be added.
4. Inspect well of bed for erosion after major storm events. Correct erosion problems as necessary.
5. Inspect surface of bed for clogs from fines and sediments on an annual basis. If clogged, some remote non-vegetated areas to ensure adequate filtration.
6. Bi-annual monitoring is recommended. A 3"-diameter rectangular pipe should be installed in the center of the bioretention area to facilitate monitoring.
7. Bi-annual vegetation may require periodic pruning.

BIORETENTION FACILITY DIMENSION TABLE

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>18'</td>
<td>21'</td>
<td>3.5'</td>
<td>5'</td>
<td>4'</td>
<td>5'</td>
<td>6'</td>
<td>10'</td>
<td>0.75 ft stone backfill for REV</td>
</tr>
<tr>
<td>2</td>
<td>46.2'</td>
<td>50'</td>
<td>3.5'</td>
<td>5'</td>
<td>4'</td>
<td>5'</td>
<td>6'</td>
<td>10'</td>
<td>0.75 ft stone backfill for REV</td>
</tr>
</tbody>
</table>

Figure 6-1: Detailed Plan

Figure 7-1: Detailed Profile

Specifications for Bioretention:
1. The bioretention area is to be maintained by the property owner as per the bioretention area plan. The bioretention area shall be designed and installed in accordance with the bioretention area plan.
2. The bioretention area shall be designed and installed in accordance with the bioretention area plan.

Forest Conservation Worksheet:

- PERCIPITUS:
  - Initial Project Area: 0.12 acres
  - Final Project Area: 0.12 acres
  - Net Project Area: 0.12 acres

Chapter 3: Reference Cuts for Deep Bioretention System

Figure 2-2: Example of Bioretention System

APPROVED. DEPARTMENT OF PLANNING AND ZONING

DEVELOPER'S/BUILDER'S CERTIFICATION

LDE Inc.

STORMWATER MANAGEMENT DETAILS

BIORETENTION SEDIMENT BARRIER

ZELMAN PROPERTY

LOT 1 & 2 CEMETARY PANELS, AND
FOREST CONSERVATION EASEMENTS

Professional Certification

FIG-193