CLARKSVILLE PIKE (MD-ROUTE 188)

REFER TO ON-SITE CONSTRUCTION DOCUMENTS (SDP-18-044) FOR WORK ON PRIVATE PROPERTY.

UNDERDRAIN NOTE:
- If any drain is present in the area, it should be verified and documented in the as-built drawing.

SHA FULL DEPTH ASPHALT PAVING SECTION
- Minor Bathroom

SHA OVERLAY
- Verifying drain locations

SHA SIDEWALK
- Verifying drain locations

SITE SPECIFIC NOTES
- All drain locations should be verified

SHA IMPROVEMENTS SCHEDULES
- Core Drilling

LIMIT OF DISTURBANCE: 2.68 AC. OR 116,741 S.F.
- Limit of Work: 0.68 AC. OR 34,028 S.F.
## OPERATION AND MAINTENANCE SCHEDULE FOR BIO-RETENTION FACILITIES

1. **Operation and Maintenance Schedule**
   - Scheduling for bio-retention facilities should be conducted bi-weekly or at any times that the facility appears to be draining poorly.
   - Maintenance should begin immediately after construction and continue throughout the facility's life. Maintenance should be continued even if the facility is considered to be complete.
   - Maintenance should be terminated 5 years after construction.

2. **Inspection Schedule**
   - Inspections should be conducted at least twice a year, or as required by the local governing body.
   - Inspections should be conducted by a qualified professional.
   - Inspections should be conducted after any significant rainfall or storm event.

3. **Maintenance Schedule**
   - Maintenance should be conducted by a qualified professional.
   - Maintenance should be conducted after any significant rainfall or storm event.
   - Maintenance should be conducted bi-weekly or at any times that the facility appears to be draining poorly.

4. **Remediation Schedule**
   - Remediation should be conducted if the facility is not draining properly.
   - Remediation should be conducted by a qualified professional.
   - Remediation should be conducted after any significant rainfall or storm event.

5. **Performance Schedule**
   - Performance should be monitored at least once a year.
   - Performance should be monitored by a qualified professional.
   - Performance should be monitored after any significant rainfall or storm event.

### TABLE B.4.1 MATERIALS SPECIFICATIONS FOR MICRO-BIOTREATMENT, RAINDROPS & LANDSCAPE INFILTRATION - MDDHA FACILITIES ONLY

<table>
<thead>
<tr>
<th>Material</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filtered</td>
<td>SEE ATTACHED TABLE A</td>
</tr>
<tr>
<td>Palms, Mulch &amp; Grass</td>
<td>SEE ATTACHED TABLE A</td>
</tr>
<tr>
<td>Carbon, Lime, Moss &amp; Lava</td>
<td>SEE ATTACHED TABLE A</td>
</tr>
<tr>
<td>Gravel, Crushed</td>
<td>SEE ATTACHED TABLE A</td>
</tr>
<tr>
<td>Sediment Removal</td>
<td>SEE ATTACHED TABLE A</td>
</tr>
<tr>
<td>Urea, Nitrogen</td>
<td>SEE ATTACHED TABLE A</td>
</tr>
<tr>
<td>Lime, Calcium</td>
<td>SEE ATTACHED TABLE A</td>
</tr>
<tr>
<td>Soil, Organic</td>
<td>SEE ATTACHED TABLE A</td>
</tr>
<tr>
<td>Pebbles, Gravel</td>
<td>SEE ATTACHED TABLE A</td>
</tr>
<tr>
<td>Filtered</td>
<td>SEE ATTACHED TABLE A</td>
</tr>
</tbody>
</table>

### B.3.3 SPECIFICATIONS FOR BIORETENTION

#### B.3.3.1 Bio-Removal

1. **Bio-Removal**
   - Bio-removal should be conducted bi-weekly or at any times that the facility appears to be draining poorly.
   - Bio-removal should be conducted by a qualified professional.
   - Bio-removal should be conducted after any significant rainfall or storm event.

2. **Bio-Removal Schedule**
   - Bio-removal should be conducted at least twice a year, or as required by the local governing body.
   - Bio-removal should be conducted by a qualified professional.
   - Bio-removal should be conducted after any significant rainfall or storm event.

3. **Remediation Schedule**
   - Remediation should be conducted if the facility is not draining properly.
   - Remediation should be conducted by a qualified professional.
   - Remediation should be conducted after any significant rainfall or storm event.

4. **Performance Schedule**
   - Performance should be monitored at least once a year.
   - Performance should be monitored by a qualified professional.
   - Performance should be monitored after any significant rainfall or storm event.

### BIO-RETENTION CONSTRUCTION SPECIFICATIONS

#### BIO-RETENTION INSTALLATION

1. **Installation**
   - Installation should be conducted by a qualified professional.
   - Installation should be conducted after any significant rainfall or storm event.
   - Installation should be conducted bi-weekly or at any times that the facility appears to be draining poorly.

2. **Inspection**
   - Inspection should be conducted after any significant rainfall or storm event.
   - Inspection should be conducted bi-weekly or at any times that the facility appears to be draining poorly.

3. **Remediation**
   - Remediation should be conducted if the facility is not draining properly.
   - Remediation should be conducted by a qualified professional.
   - Remediation should be conducted after any significant rainfall or storm event.

4. **Performance**
   - Performance should be monitored at least once a year.
   - Performance should be monitored by a qualified professional.
   - Performance should be monitored after any significant rainfall or storm event.
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