ROADWAYS, STORM DRAINAGE
AND STORMWATER MANAGEMENT
CONSTRUCTION PLANS

HARWOOD PARK

IVY SPRING ROAD & CROSS IVY ROAD AND
LOTS 1093C, 1094C, 1097C, 109B, 1100A-1101A,
1103A-1104A, 1106A-1108A, 1109, 1110B-1111B,
1116B-1118B, 1133B-1137B, 1141B AND 1143B

1st ELECTION DISTRICT of HOWARD COUNTY, MD

HOWARD COUNTY FILE No. F-01-035
PROPOSED SWMF LANDSCAPING - PLAN VIEW

SUMMARY OF GENERAL STORAGE REQUIREMENTS

<table>
<thead>
<tr>
<th>STEP</th>
<th>REQUIREMENT</th>
<th>VOLUME REQUIRED</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Water storage</td>
<td>12,000</td>
<td></td>
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<tr>
<td>2</td>
<td>detention area</td>
<td>2,000</td>
<td></td>
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<tr>
<td>3</td>
<td>overflow area</td>
<td>3,000</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>stormwater area</td>
<td>4,000</td>
<td></td>
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</tbody>
</table>

Hills-Caines Engineering Associates, Inc. Recommendations

The proposed SWMF landscaping plan includes the following:

- Water storage capacity of 12,000 cubic meters
- Detention area volume of 2,000 cubic meters
- Overflow area volume of 3,000 cubic meters
- Stormwater area volume of 4,000 cubic meters

Hills-Caines Engineering Associates, Inc. recommends implementing these elements to ensure effective stormwater management.