ROAD CONSTRUCTION PLANS
RAUSCH PROPERTY,
LOTS 3 THRU 40
A RESUBDIVISION OF RAUSCH PROP.,
LOTS 1 & 2
FIRST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

VICTORY MAP
SCALE: 1"=100'

DEVELOPER
ELDERTON LAND, LLC
C/O LAND DESIGN & DEVELOPMENT INC.
10805 HOCKORY RIDGE ROAD
COLUMBIA, MARYLAND 21044
(410) 740-2100
POND DATA

HAZARD CLASSIFICATION - N/A
DRAINAGE AREA - 12.57 Ac
PROPOSED RCN = 72
PROPOSED Tc = 0.23 hrs
WATER QUALITY TYPE = EXTENDED DETENTION
OWNERSHIP = PUBLIC MAINTENANCE = PRIVATE
EXT. DET. WS=236.84'
2 YR WS=227.25'
10 YR WS=237.87'

MATCH SHEET 4 OF 17

LEGEND

A
ARROWS FOREST PRESERVATION SERVICE
ARROWS FOREST CONSERVATION AREA DEVELOPMENTS

SEE SHEET 7 OF 16
FOR TEMPORARY GRDES
FOR SEDIMENT BASIN

OFFICIAL SIZE: 36" x 48" (OR 3" x 4"
"MANUSCRIPT SIZE: 24" x 36" (OR 2" x 3"

D R. S. CHOATE
DEPUTY STRATTON
1/29/97

M. A. WRIGHT
LIGNED BY D. C. FALE
1/29/97

C. R. ROOMS
CONSULTING ENGINEER
1/29/97

C. S. HUNGER
SWCD
1/29/97

C. D. BEACH
D. C. FALE
1/29/97

J. D. R. O'LEARY
1/29/97

C. R. ROOMS
CONSULTING ENGINEER
1/29/97
NOTE: THIS PLAN IS FOR THE PURPOSE OF SEDIMENT CONTROL ONLY.
**Plant Material Guidelines**

Plants and shrubs used in the constructed basin (bioretention) and swale shall be plants which are native to and well suited to the area. The plants shall be selected to provide a diverse and aesthetically pleasing landscape. The plants shall be selected to provide a year-round display of color and form. The plants shall be selected to provide a diverse and aesthetically pleasing landscape. The plants shall be selected to provide a year-round display of color and form.

**Installation and Maintenance Schedule**

**Soil**

The soil shall be the same as the original soil from the area. The soil shall be placed in the basin in a layer that is at least 6 inches thick. The soil shall be compacted to a density of 1200 pounds per cubic foot.

**Planting**

The plants shall be planted with their root balls in place. The plants shall be watered after planting.

**Maintenance**

The basin shall be maintained on a monthly basis. The basin shall be inspected and any necessary repairs shall be made.

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**Operation and Maintenance Schedule**

**Annual Maintenance**

- The basin shall be cleaned out at least once per year.
- The plants shall be trimmed and pruned as necessary.
- The soil shall be amended as necessary.
- The basin shall be inspected and any necessary repairs shall be made.

**Bioretention Area Planting Schedule**

<table>
<thead>
<tr>
<th>Plants</th>
<th>Code</th>
<th>Color</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Oak</td>
<td>RO</td>
<td>Brown</td>
<td>2' x 3'</td>
<td>Large oak tree</td>
</tr>
<tr>
<td>Black Oak</td>
<td>BO</td>
<td>Brown</td>
<td>2' x 3'</td>
<td>Large oak tree</td>
</tr>
<tr>
<td>Red Maple</td>
<td>RM</td>
<td>Red</td>
<td>2' x 3'</td>
<td>Large maple tree</td>
</tr>
<tr>
<td>Birch</td>
<td>B</td>
<td>White</td>
<td>2' x 3'</td>
<td>Large birch tree</td>
</tr>
<tr>
<td>Acer</td>
<td>A</td>
<td>Green</td>
<td>2' x 3'</td>
<td>Large maple tree</td>
</tr>
<tr>
<td>Poplar</td>
<td>P</td>
<td>Yellow</td>
<td>2' x 3'</td>
<td>Large poplar tree</td>
</tr>
<tr>
<td>Aspen</td>
<td>As</td>
<td>Orange</td>
<td>2' x 3'</td>
<td>Large aspen tree</td>
</tr>
</tbody>
</table>

**Profile**

- Centerline of Facility
- Tree Planting Plan
- Shrub Planting Plan
- Grading Plan
- Bioretention Area Planting Schedule

**Spillway and Embankment**

- Profile
- As-Built

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