B.2.A. UNDERGROUND STONE TRENCH

GENERAL NOTES AND SPECIFICATIONS

All trench details not otherwise shown shall be in accordance with the General Notes and Specifications unless otherwise noted.

1. Water trenches and stone trenches shall be constructed from smooth, well-rounded stone free of sharp edges or projections.
2. All trenches shall be excavated to the proper depth and size shown on the plans.
3. All trenches shall be backfilled with stone or clean fill, as specified.
4. All trenches shall be protected from damage during construction.

MAINTENANCE OF THE UNDERGROUND STONE TRENCHES

1. The underground stone trench shall be backfilled with compacted stone fill as specified.
2. The trench shall be backfilled with a minimum of two courses of stone fill.
3. The trench shall be backfilled with a minimum of two courses of stone fill.
4. The trench shall be backfilled with a minimum of two courses of stone fill.
5. The trench shall be backfilled with a minimum of two courses of stone fill.
6. The trench shall be backfilled with a minimum of two courses of stone fill.

STORMWATER MANAGEMENT AND WATER QUALITY MAINTENANCE NOTES

(PRIVATE OWNERSHIP AND MAINTENANCE)

1. The underground stone trench shall be maintained by the owner and shall be placed in accordance with the specifications shown on the plans.
2. The trench shall be maintained by the owner and shall be placed in accordance with the specifications shown on the plans.
3. The trench shall be maintained by the owner and shall be placed in accordance with the specifications shown on the plans.
4. The trench shall be maintained by the owner and shall be placed in accordance with the specifications shown on the plans.
5. The trench shall be maintained by the owner and shall be placed in accordance with the specifications shown on the plans.
6. The trench shall be maintained by the owner and shall be placed in accordance with the specifications shown on the plans.

OPERATION AND MAINTENANCE SCHEDULE

STORMWATER WATER QUALITY DEVICE

1. The stormwater water quality device shall be properly connected and maintained in accordance with the specifications shown on the plans.
2. The device shall be maintained in accordance with the specifications shown on the plans.
3. The device shall be maintained in accordance with the specifications shown on the plans.
4. The device shall be maintained in accordance with the specifications shown on the plans.
5. The device shall be maintained in accordance with the specifications shown on the plans.
6. The device shall be maintained in accordance with the specifications shown on the plans.

STORMWATER MANAGEMENT NOTES AND DETAILS

(BLUE MARKING) MARKING IS NOT TO SCALE)

1. The underground stone trench shall be marked as shown on the plans.
2. The trench shall be marked as shown on the plans.
3. The trench shall be marked as shown on the plans.
4. The trench shall be marked as shown on the plans.
5. The trench shall be marked as shown on the plans.
6. The trench shall be marked as shown on the plans.
FOREST CONSERVATION REQUIREMENTS

FOREST RETENTION
1.24 ACRES
AFFORESTATION REQUIRED: 11.86 ACRES
AFFORESTATION SHOWN: 14.86 ACRES

NOTE: The additional 5.0 ACRES of reforestation will be accomplished through purchase of reforestation credits from the Howard County approved, minute forest conservation bank. 0.02 ACRES will be provided by FEE-in-LIEU.

AFFORESTATION REQUIREMENTS
10.80 ACRES as 135,000 SF
2,000 trees per acre (3,000 SF)
1,000 trees per acre (3,000 SF)

COST ESTIMATE (for planning purposes, only)
On 4-11-2030, estimated project cost of $10,800
Projected cost for 135,000 SF = $424,000
Projected cost for 135,000 SF = $424,000

FINANCIAL INSTRUMENT: AMOUNT OF $10,800.00 DUE FROM COUNTY.
Plotted with the help of Environmental Maintenance Agreement with USEPA Rationale:
Afforestation Reduction and Viability

DECIDUOUS PLANTING DETAIL

EVEGREEN PLANTING DETAIL

LEGEND

EXISTING FOREST
PROPOSED PLANTING
FOREST RETENTION AREA
AFFORESTATION AREA
FOREST RETENTION SHOULDER
AFFORESTATION SHOULDER
FOREST CONSERVATION ENRAINT
PROTECTIVE TREE FENCE

NOTES:

1. AFFORESTATION SHOULDER:
2. FOREST CONSERVATION ENRAINT:
3. PROTECTIVE TREE FENCE:

PLANT SCHEDULE

<table>
<thead>
<tr>
<th>Plant Name</th>
<th>Quantity</th>
<th>Size</th>
<th>Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tree species</td>
<td>120</td>
<td>15 x 15</td>
<td>15 x 15</td>
</tr>
<tr>
<td>Tree species</td>
<td>100</td>
<td>15 x 15</td>
<td>15 x 15</td>
</tr>
</tbody>
</table>

Robert H. Vogel
ENGINEERING, INC.

CNA

5600 Forest Park Drive

1-212-225-0077

E-MAIL: info@cnamd.com

SP010-11

FOREST CONSERVATION NOTES & DETAILS

SLOPES 25% OR GREATER
SLOPES 10% TO 25%
SOILS BOUNDARY
100 YEAR FLOODPLAIN
PROPOSED CONTOUR