WATER QUALITY CONSTRUCTION SPECIFICATIONS

These specifications are applicable to all projects unless otherwise stated in the plans and specifications. Projects are to be completed in accordance with the specification to the nearest practical method.

Section: 1.1

Scope

These specifications are inclusive of the work associated with the installation, construction, and installation of water quality and pollution control systems. The scope of work includes the following:

1.1.1. Surface Water Management
1.1.2. Stormwater Management
1.1.3. Sediment Control

Section: 1.2

Materials

All materials are to be furnished by the contractor and are to meet the requirements specified in the plans and specifications. The materials are to be selected and furnished in accordance with the latest edition of the American Society for Testing and Materials (ASTM) standards.

Section: 1.3

Construction

The work shall be performed in a manner that will result in a timely and efficient completion of the project. The contractor is responsible for the coordination of all activities related to the construction of the project.

Section: 1.4

Inspections

Inspections are to be conducted by the owner's representative and the engineer. The work shall be inspected for compliance with the plans and specifications. The inspections shall be performed at the following stages:

1.4.1. Site Preparation
1.4.2. Foundation Work
1.4.3. Structural Work
1.4.4. Plumbing Work
1.4.5. Electrical Work
1.4.6. Finish Work

Section: 1.5

Final Acceptance

The project shall be accepted by the owner upon completion and after the final acceptance has been received. The warranty period shall be one year from the date of acceptance.

Section: 1.6

Warranty

The contractor shall provide a written warranty for the work performed. The warranty shall cover the period of one year from the date of acceptance.

Section: 1.7

Record Drawings

The contractor shall provide a set of as-built drawings of the work performed. The as-built drawings shall be furnished to the owner within 30 days after the project has been accepted by the owner.
LANDSCAPE BONDING NOTE

This plan has been prepared in accordance with the provisions of Section 12.1a of the Howard County Code and the Landscape Manual.

Plants for the required 28 trees in the amount of 0.03 acre is part of the Developer's Agreement.

WATER QUALITY FACILITY
SHALLOW MARSH
SCALE: 1" = 40'

PLAN LIST FOR WATER QUALITY FACILITY - SHALLOW MARSH

<table>
<thead>
<tr>
<th>TREE</th>
<th>DESCRIPTION</th>
<th>AMOUNT</th>
<th>RADIUS</th>
<th>DISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Gourdsia pentaphylla</td>
<td>10</td>
<td>20'</td>
<td>100'</td>
</tr>
<tr>
<td>02</td>
<td>Evergreen shrub</td>
<td>20</td>
<td>10'</td>
<td>50'</td>
</tr>
</tbody>
</table>

Notes:
1. All plant material to be native species or adapted to regional conditions.
2. All proposed planting may affect the location of any underground utilities prior to planting.
3. All utility company must verify location of all underground utilities prior to digging.
4. Design and specifications are subject to change by the Architect.

PLAN LIST FOR PLANTING TREATY CASE NO. J-A-A-41

27

62524 SFC #17500 "OLD BURTON" Red Sweet Maple

8

62524 SFC #17500 "OLD BURTON" Red Sweet Maple

20 Total Trees for Bonding

Notes:
1. All plantings shall be done in accordance with the plans and specifications of the Architect.
2. The Contractor shall verify location of all underground utilities prior to planting.
3. All utility company must verify location of underground utilities prior to digging.
4. Design and specifications are subject to change by the Architect.

APPROVED: DEPARTMENT OF PLANNING AND ZONING
1/30/99

APPROVED: DEPARTMENT OF PUBLIC WORKS
1/30/99

CLARK & FRIELICK & SACKETT, INC.
ENGINEERS + PLANNERS + SURVEYORS

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