FINAL ROAD CONSTRUCTION, GRADING AND STORMWATER MANAGEMENT PLAN

WALNUT CREEK

PHASE FOUR

Lots 115 - 150 And
Non-Buildable Preservation Parcel 'W' & 'X'

(A Resubdivision Of Buildable Bulk Parcel 'U' - Walnut Creek, Phase Three)

ZONING: RC-DEO & RR-DEO

TAX MAP NO. 28  GRID Nos. 4, 5, 10-12, 17 AND 18  PARCEL No. 49

FIFTH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

GENRAL NOTES:
1. THE CONTRACTOR HAS NO RESPONSIBILITY FOR THE DETERMINATION OF THE CORPORATE LIMITS OR THE DISTRICT ON WHICH THE WORK WILL BE PERFORMED.
2. ALL CONSTRUCTION WORK MUST BE SHOWN AND DETAILED ON THE SHEET. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY OMISSIONS OR ERRORS IN THE PLAN.
3. ALL CONSTRUCTION WORK MUST BE SHOWN AND DETAILED ON THE SHEET. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY OMISSIONS OR ERRORS IN THE PLAN.
4. THE CONTRACTOR MUST NOTIFY THE ENGINEER OF ALL CONSTRUCTION WORK PRIOR TO BEGNNING.
5. THE CONTRACTOR MUST PROVIDE ALL CONSTRUCTION WORK PRIOR TO BEGNNING.
6. THE CONTRACTOR MUST PROVIDE ALL CONSTRUCTION WORK PRIOR TO BEGNNING.
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11. THE CONTRACTOR MUST PROVIDE ALL CONSTRUCTION WORK PRIOR TO BEGNNING.
STRUCTURE SCHEDULE

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STORM DRAIN PROFILES

WALNUT CREEK

PHASE FOUR

Lot No. 101 - 11th and P.O. - 12th

11th Street - 11th Street - 12th Street

12th Street - 12th Street - 11th Street

OWNER:

DEVELOPER:

SCHEDULE:

Profile C:

Profile D:

Profile E:

Profile F:

Profile G:

Profile H:

Profile I:

Profile J:

Profile K:

Profile L:

Profile M:

Profile N:

Profile O:

Profile P:

Profile Q:

Profile R:

Profile S:

Profile T:

Profile U:

Profile V:

Profile W:

Profile X:

Profile Y:

Profile Z:

NOTE: ALL MEASUREMENTS ARE APPROXIMATE AND SUBJECT TO CHANGE. FINAL DESIGN AND ENGINEERING DOCUMENTS WILL BE PROVIDED.

PROJECT MANAGER:

ARCHITECT:

ENGINEER:

CONTRACTOR:

DATE:

F-12-394
STORM WATER MANAGEMENT POND CONSTRUCTION SPECIFICATIONS

Site Preparation

General Information

1. Grading and erosion control shall be performed in accordance with federal, state, and local regulations.
2. Site preparation shall be performed to provide adequate drainage, prevent erosion, and maintain water quality.
3. The pond shall be designed to meet local regulations and standards for stormwater management.

Earthwork

1. The pond area shall be excavated to the required depth and shaped according to the design.
2. The pond shall be backfilled with properly compacted soil to the final grade.
3. The pond shall be equipped with a drainage system to prevent water accumulation.

Structures

1. The pond shall be equipped with an outlet structure and an inlet structure to control water flow.
2. The outlet structure shall be designed to prevent erosion and nutrient runoff.
3. The inlet structure shall be designed to control sediment and nutrient input.

Pipe Culverts

1. Culverts shall be installed to drain water around obstacles such as existing utilities or streets.
2. The culverts shall be sized to accommodate the expected flow and prevent erosion.
3. The culverts shall be installed with proper alignment and backfill to ensure stability.

Drainage System

1. The pond shall be equipped with a drainage system to prevent water accumulation.
2. The system shall be designed to accommodate the expected flow and prevent erosion.
3. The system shall be inspected and maintained regularly to ensure proper operation.

Concrete Piping

1. Concrete piping shall be used to convey water around obstacles.
2. The piping shall be sized to accommodate the expected flow and prevent erosion.
3. The piping shall be installed with proper alignment and backfill to ensure stability.

Stabilization

1. The pond shall be stabilized with vegetation to prevent erosion and nutrient runoff.
2. The vegetation shall be selected to provide adequate shade and prevent water accumulation.
3. The pond shall be maintained to ensure proper growth and functionality.

Operation and Maintenance

1. The pond shall be operated and maintained in accordance with local regulations.
2. The pond shall be inspected regularly to ensure proper operation and maintenance.
3. The pond shall be equipped with a maintenance plan to ensure proper function.

STORMWATER MANAGEMENT NOTES AND DETAILS

By the Developer

1. The pond shall be constructed in accordance with the approved plans and specifications.
2. The pond shall be maintained in accordance with the approved maintenance plan.
3. The pond shall be inspected regularly to ensure proper operation and maintenance.

STORMWATER MANAGEMENT POND NO. 2

WALNUT CREEK

PHASE FOUR

LOT 113 - 128 AND NON-BUILDABLE

Preparation Plot "Y" & "Z"

1. The pond shall be constructed in accordance with the approved plans and specifications.
2. The pond shall be maintained in accordance with the approved maintenance plan.
3. The pond shall be inspected regularly to ensure proper operation and maintenance.