

**STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION**

Using vegetation to cover for barren soil to protect it from forces that cause erosion. Vegetative stabilization is used to promote the establishment of vegetation on exposed soil. When soil is stabilized with vegetation, the soil is less likely to erode and more likely to allow infiltration of rainfall, thereby reducing sediment loads and runoff to downstream areas, and improving wildlife habitat and visual resources.

**DEFINITIONS**

**VEGETATIVE STABILIZATION** - the application of vegetation on exposed soil. When soil is stabilized with vegetation, the soil is less likely to erode and more likely to allow infiltration of rainfall, thereby reducing sediment loads and runoff to downstream areas, and improving wildlife habitat and visual resources.

**SOIL AMENDMENTS** - materials added to the soil to improve its physical, chemical, and biological properties. Soil amendments are used to improve soil structure, fertility, and water-holding capacity.

**SEEDING** - the application of seed to the soil to establish vegetation. Seeding can be done in a variety of ways, including broadcast seeding, strip seeding, and mulch seeding.

**MULCHING** - the application of a layer of material (mulch) to the soil to protect it from erosion and to conserve moisture. Mulch can be made from straw, wood chips, or other organic materials.

**SEED SPECIFICATIONS** - requirements for the quality and quantity of seed used in vegetative stabilization. Seed should be of a known variety, free from disease, and have a minimum germination percentage of 80%.

**SOIL AMENDMENT SPECIFICATIONS** - requirements for the quality and quantity of soil amendments used in vegetative stabilization. Amendments should be applied at a rate of 100-200 lbs per acre.

**GENERAL NOTES** - instructions for the contractor regarding the implementation of the vegetative stabilization plan. Notes include requirements for site preparation, seeding, and mulching.

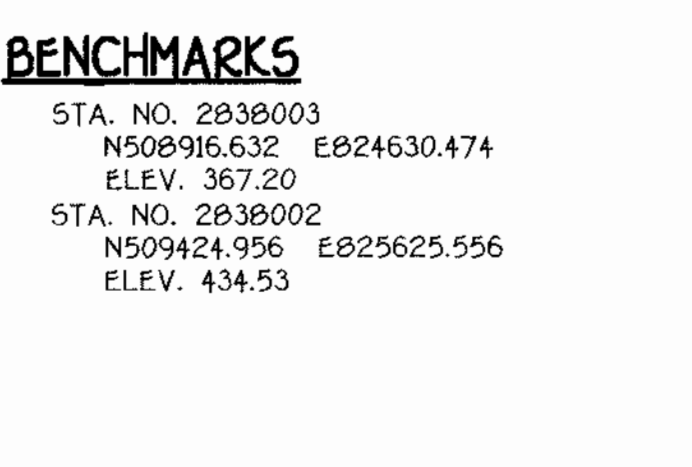
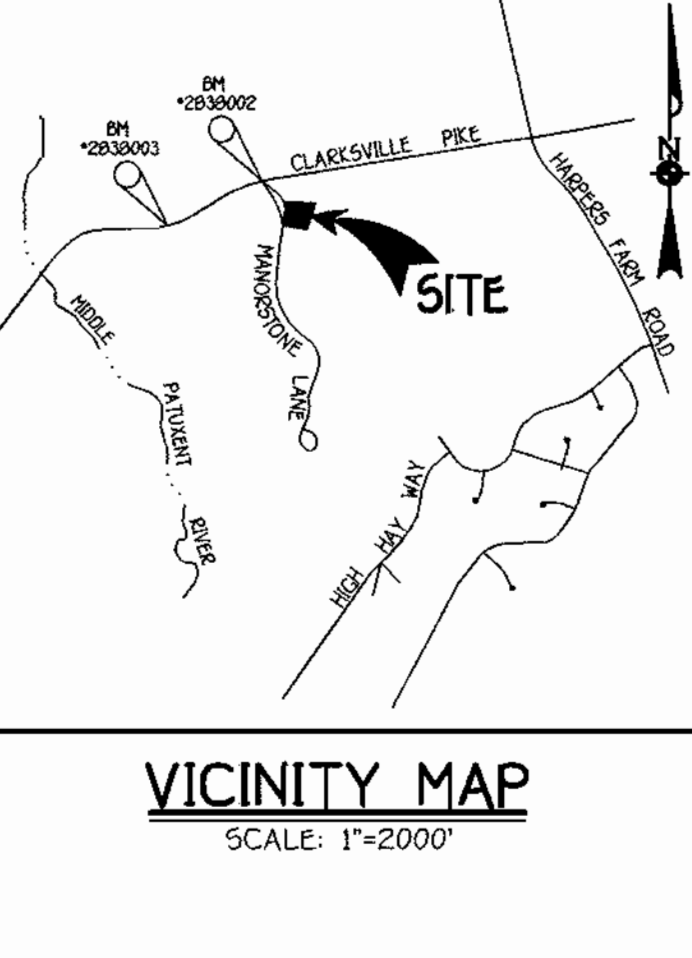
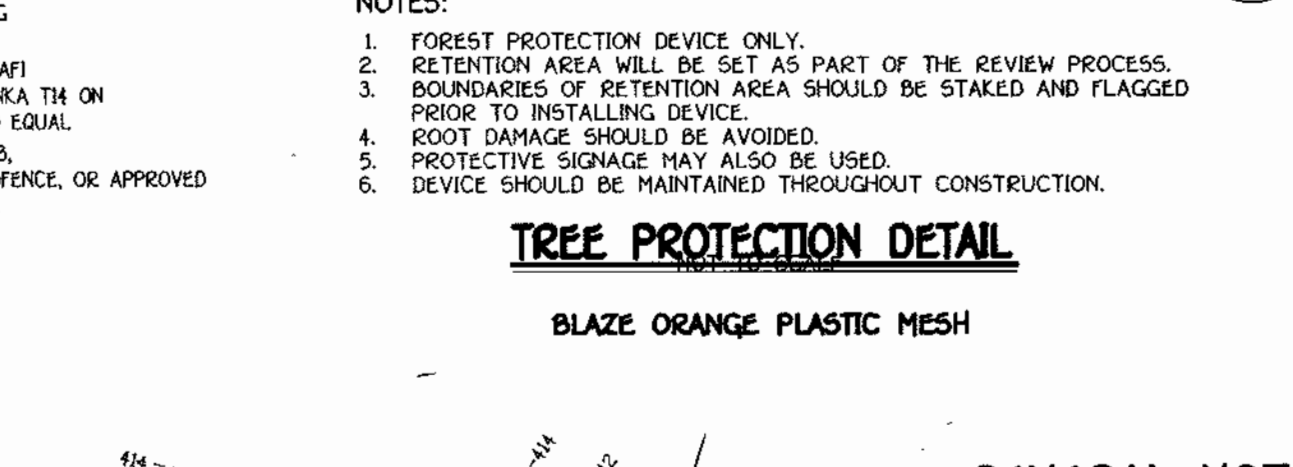
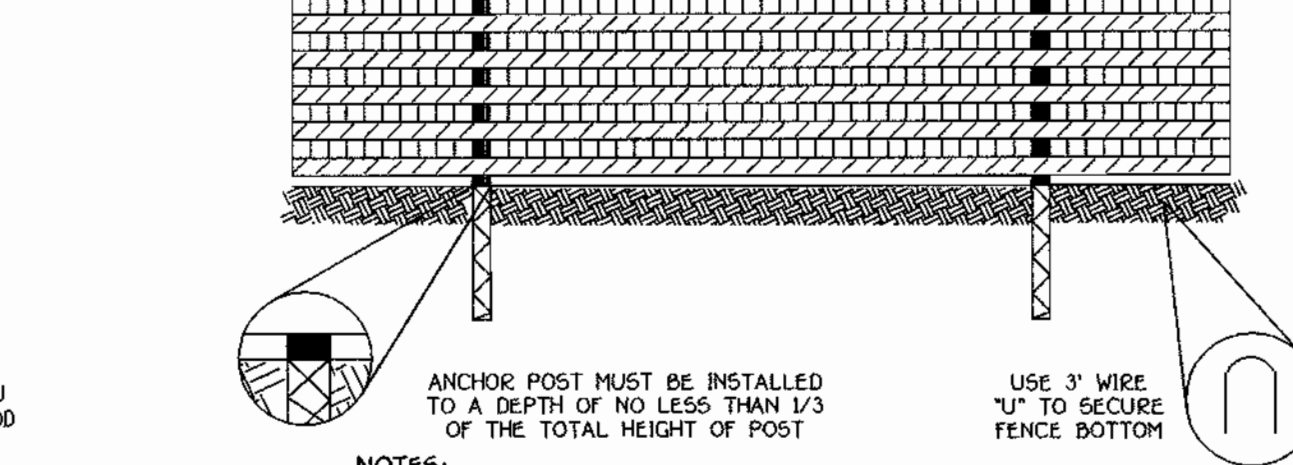
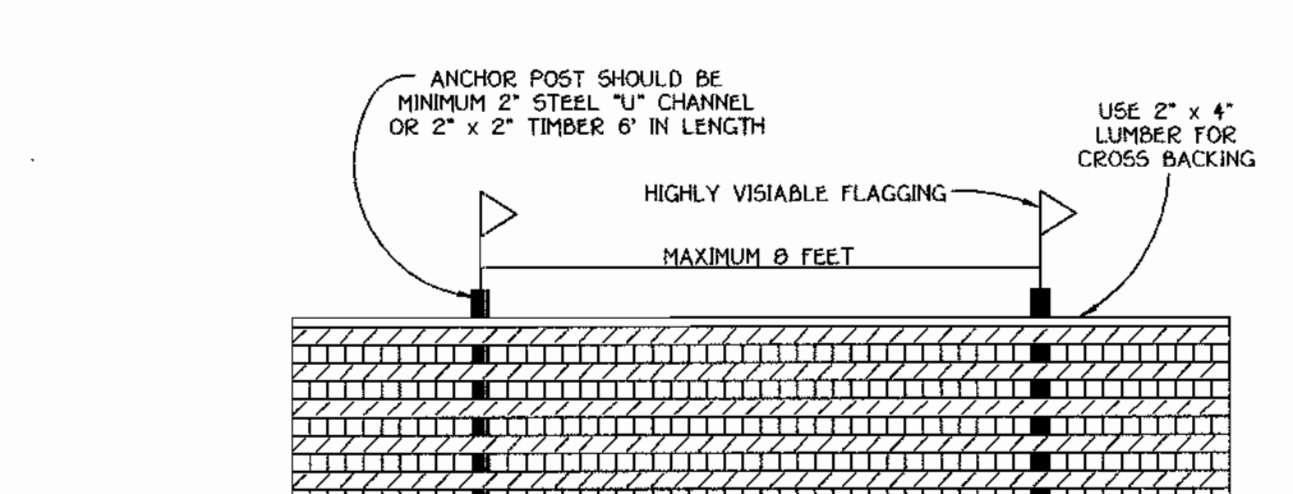
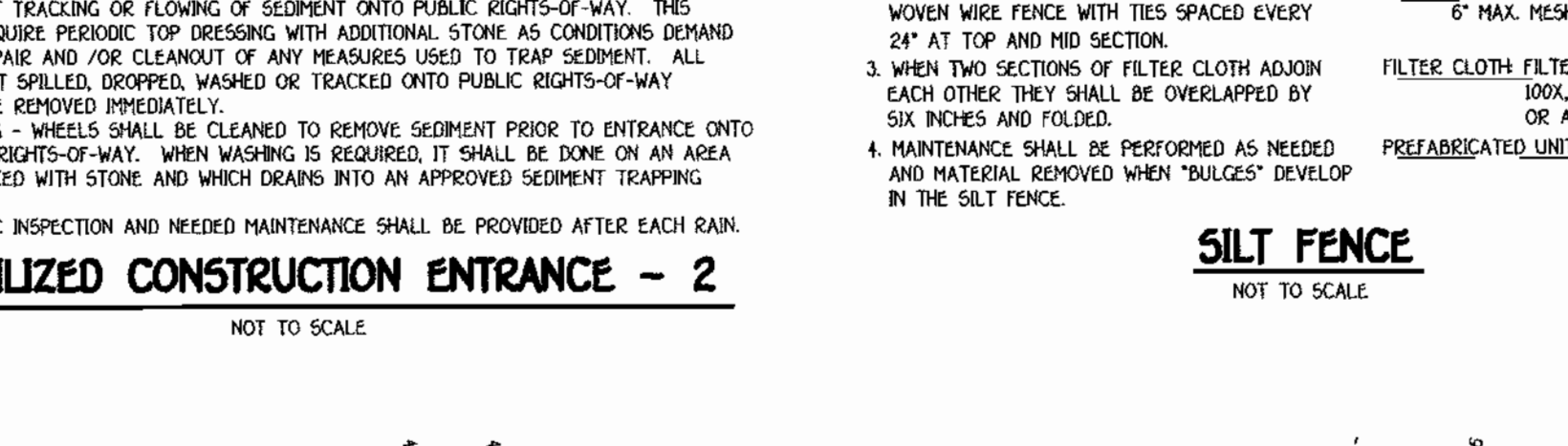
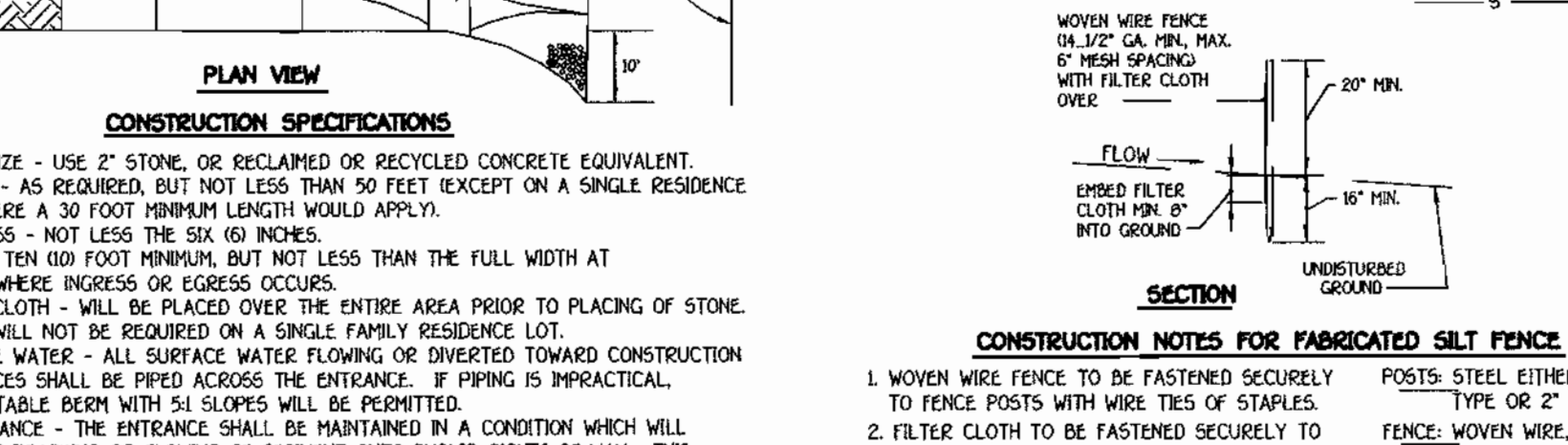
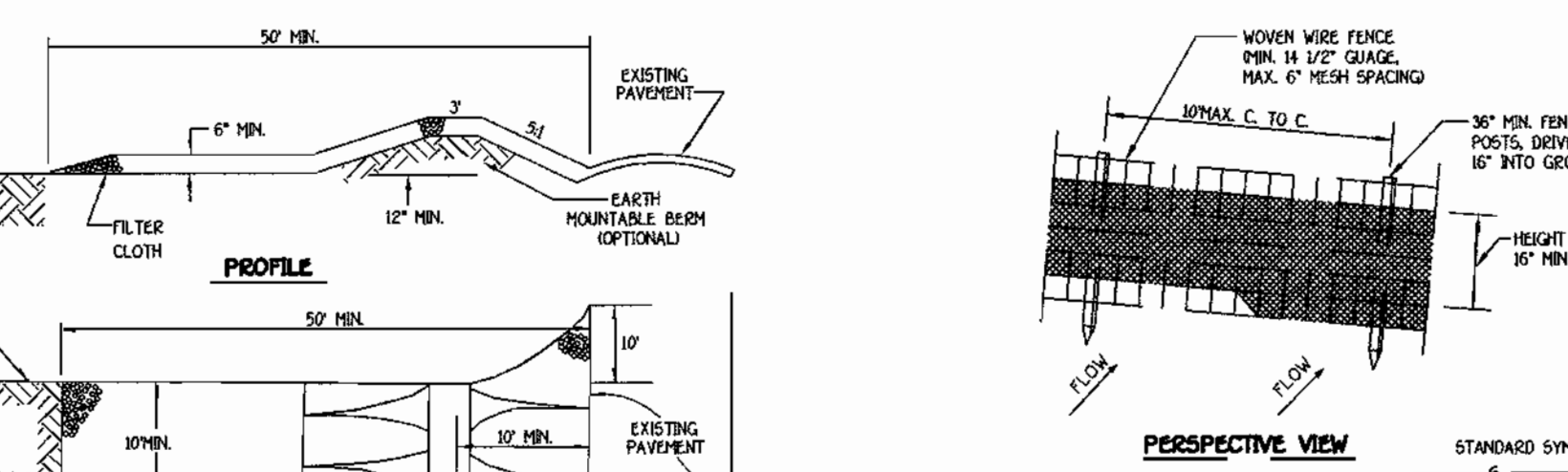
G. Mulching Seeded Areas - Mulch shall be applied to all seeded areas immediately after seeding. If grading is completed outside of the seeding season, mulch shall be applied as prescribed in this section.

**SEDIMENT CONTROL NOTES**

- A Minimum of 48 Hours Notice Must Be Given To The Howard County Department Of Inspections, Licenses And Permits, Sediment Control Division Prior To The Start Of Any Construction (3/1/93).
- All Erosion And Sediment Control Devices To Be Installed According To The Provisions Of This Plan And Are To Be In Accordance To The Provisions Of This Plan And Are To Be In Conformance With The Most Current Maryland Standards And Specifications For Soil Erosion And Sediment Control And Revisions Thereto.

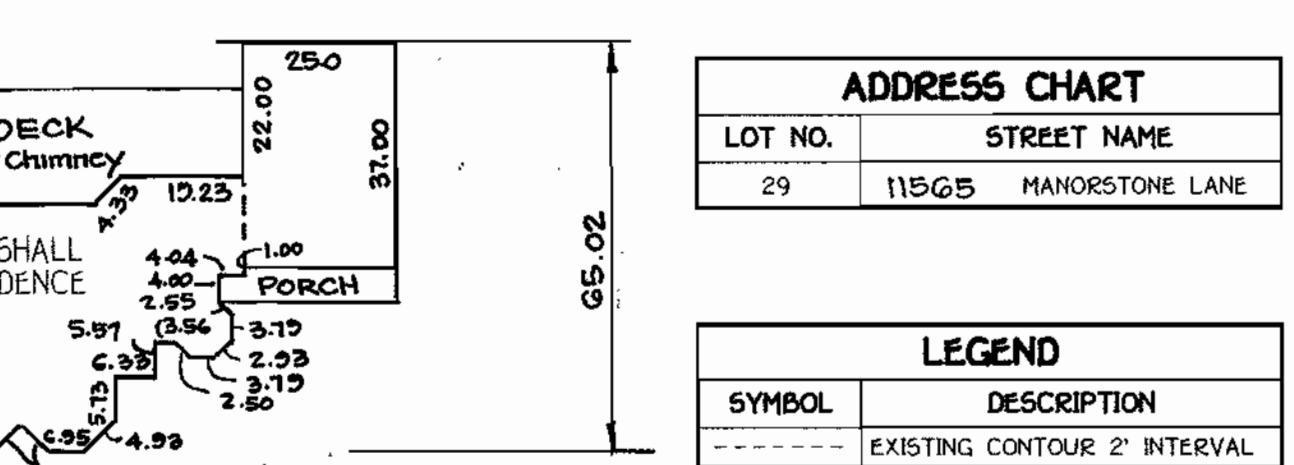
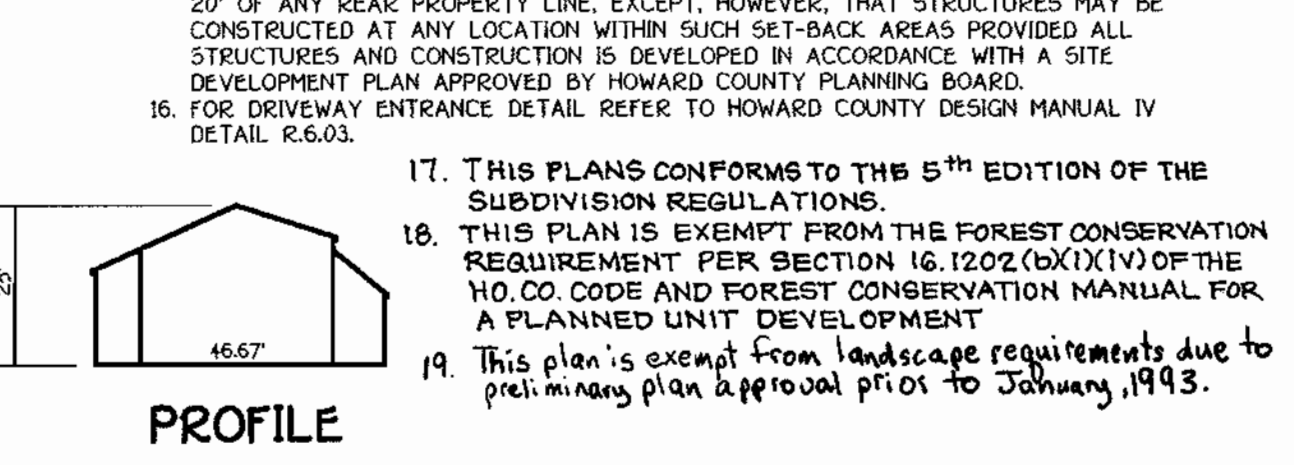
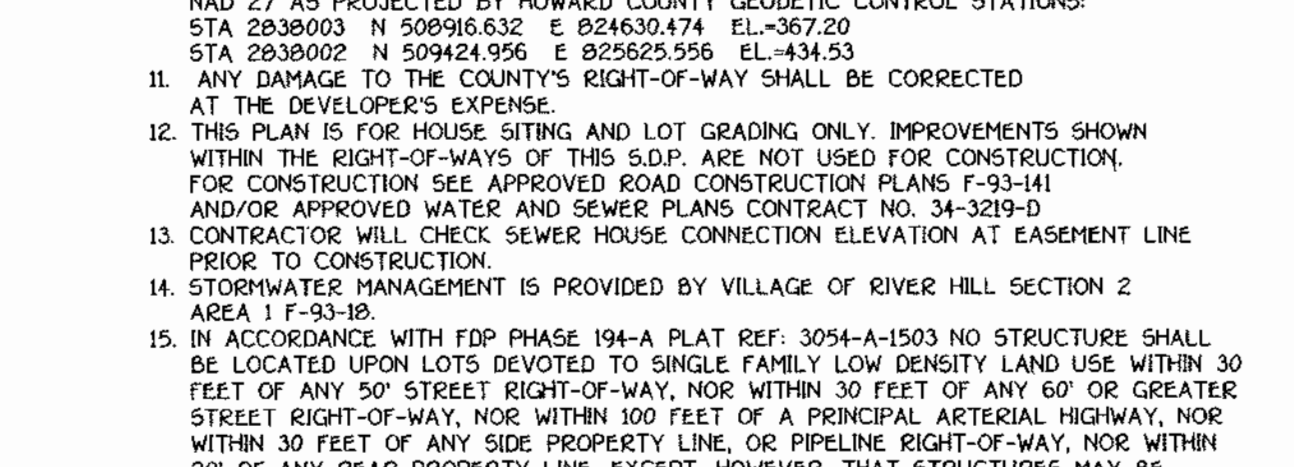
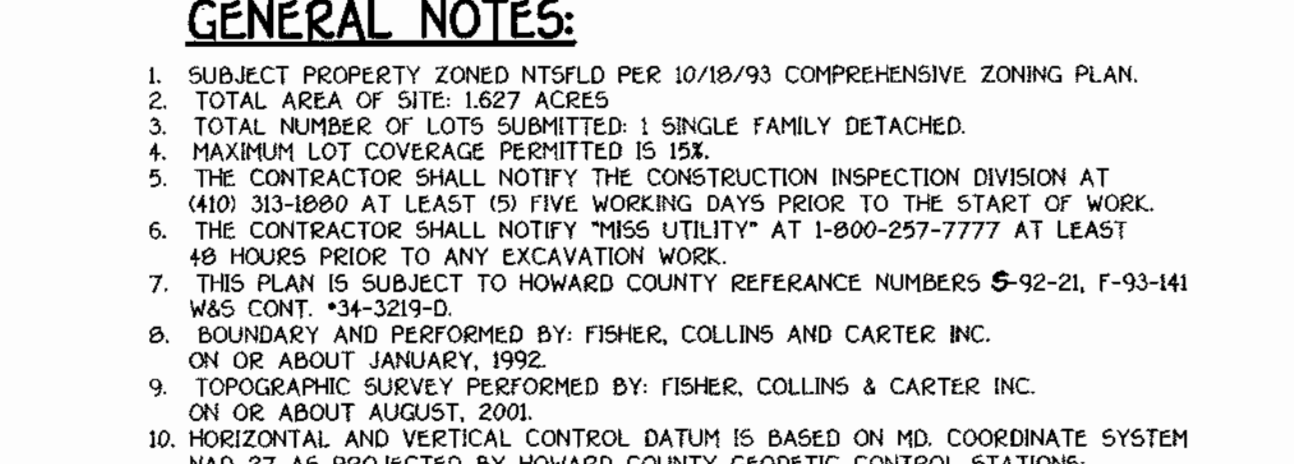
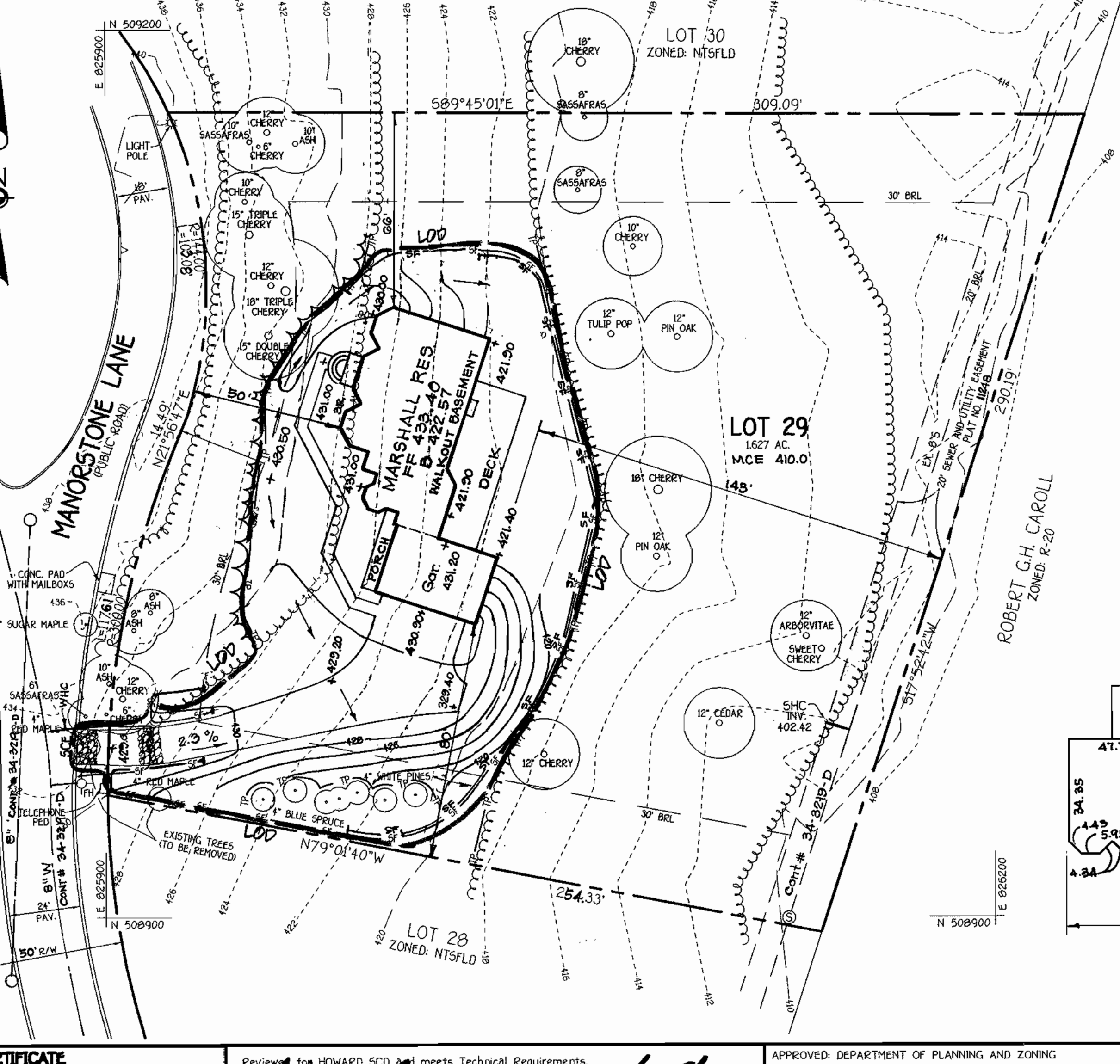
**STABILIZED CONSTRUCTION ENTRANCE - 2**

- A Minimum Of 48 Hours Notice Must Be Given To The Howard County Department Of Inspections, Licenses And Permits, Sediment Control Division Prior To The Start Of Any Construction (3/1/93).
- All Erosion And Sediment Control Devices To Be Installed According To The Provisions Of This Plan And Are To Be In Accordance To The Provisions Of This Plan And Are To Be In Conformance With The Most Current Maryland Standards And Specifications For Soil Erosion And Sediment Control And Revisions Thereto.



**GENERAL NOTES:**

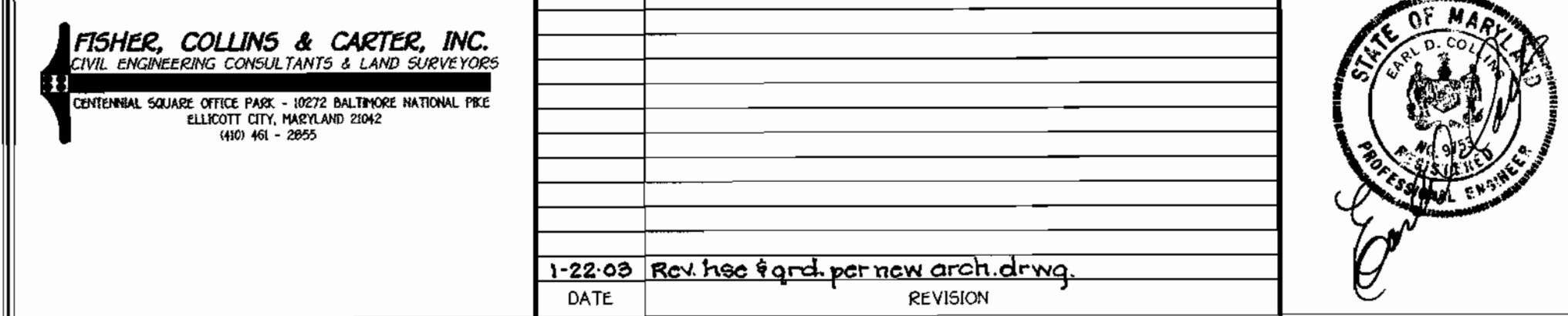
- SUBJECT PROPERTY ZONED NTFSLD PER 10/18/93 COMPREHENSIVE ZONING PLAN.
- TOTAL AREA OF SITE: 1.62 ACRES.
- TOTAL NUMBER OF LOTS SUBMITTED: SINGLE FAMILY DETACHED.
- MAXIMUM LOT COVERAGE PERMITTED IS 15%.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT 1-800-277-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.



**ENGINEER'S CERTIFICATE**  
I certify that this plan for sediment and erosion control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division.

**DEVELOPER'S CERTIFICATE**  
I/We certify that all development and construction will be done according to this plan for sediment and erosion control, and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.

**DEVELOPER/OWNER**  
PAT MARSHALL  
1923 BARRINGTON COURT  
MITCHELLVILLE, MARYLAND 20721  
301-925-6240



**DEVELOPER/OWNER**  
PAT MARSHALL  
1/28/02

**ENGINEER'S CERTIFICATE**  
I certify that this plan for sediment and erosion control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division.

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**SITE DEVELOPMENT/ SEDIMENT & EROSION CONTROL PLAN**  
**COLUMBIA VILLAGE OF HARPER'S CHOICE**  
**SECTION 5 AREA 9 PHASE 1**  
**LOT 29**

