



**LEGEND**

Contour Interval 2 ft  
 Existing Contour 410  
 Proposed Contour 410  
 Spot Elevation +105  
 Direction of Drainage  
 Walk-out Basement  
 Ex. Tree to be Saved

Silt Fence  
 Stabilized Const. Entrance

**TEMPORARY SEEDING NOTES**

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

**Soil Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously done.

**Soil Amendments:** In lieu of soil test recommendations, use one of the following schedules:

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 urethane fertilizer (9 lbs/1000 sq ft).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil.

**Seeding:** For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of creeping lovegrass. During the period of October 16 thru February 28, protect site by Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) use seed. Option (3) seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

**Mulching:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

**Maintenance:** Inspect all seeded areas and make needed repairs, replacements and reseedings.

**CONSTRUCTION SEQUENCE:**

1. Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize.
2. Excavate for foundations and Rough Grade & Temporarily Stabilize.
3. Construct Structures, Sidewalks and Driveways.
4. Final Grade and stabilize in accordance with S.D.S. & Specs.
5. Upon approval of the sediment control inspector, remove sediment control devices and stabilize.

**NR OF DAYS**

7
30
120
30
7

**VICINITY MAP**  
 Scale: 1" = 200'

**SINGLE LOT SEDIMENT CONTROL PLAN**  
 NO SCALE

NO.	DESCRIPTION	AREA
1	Disturbed Area	2.02 Acres
2	Area to be seeded or planted	0.52 Acres
3	Area to be vegetatively stabilized	1.77 Acres
4	Total Disturbed	2.54 Acres
5	Total Seeded/Planted	0.52 Acres
6	Total Stabilized	1.77 Acres
7	Off-site water/borrow area location	

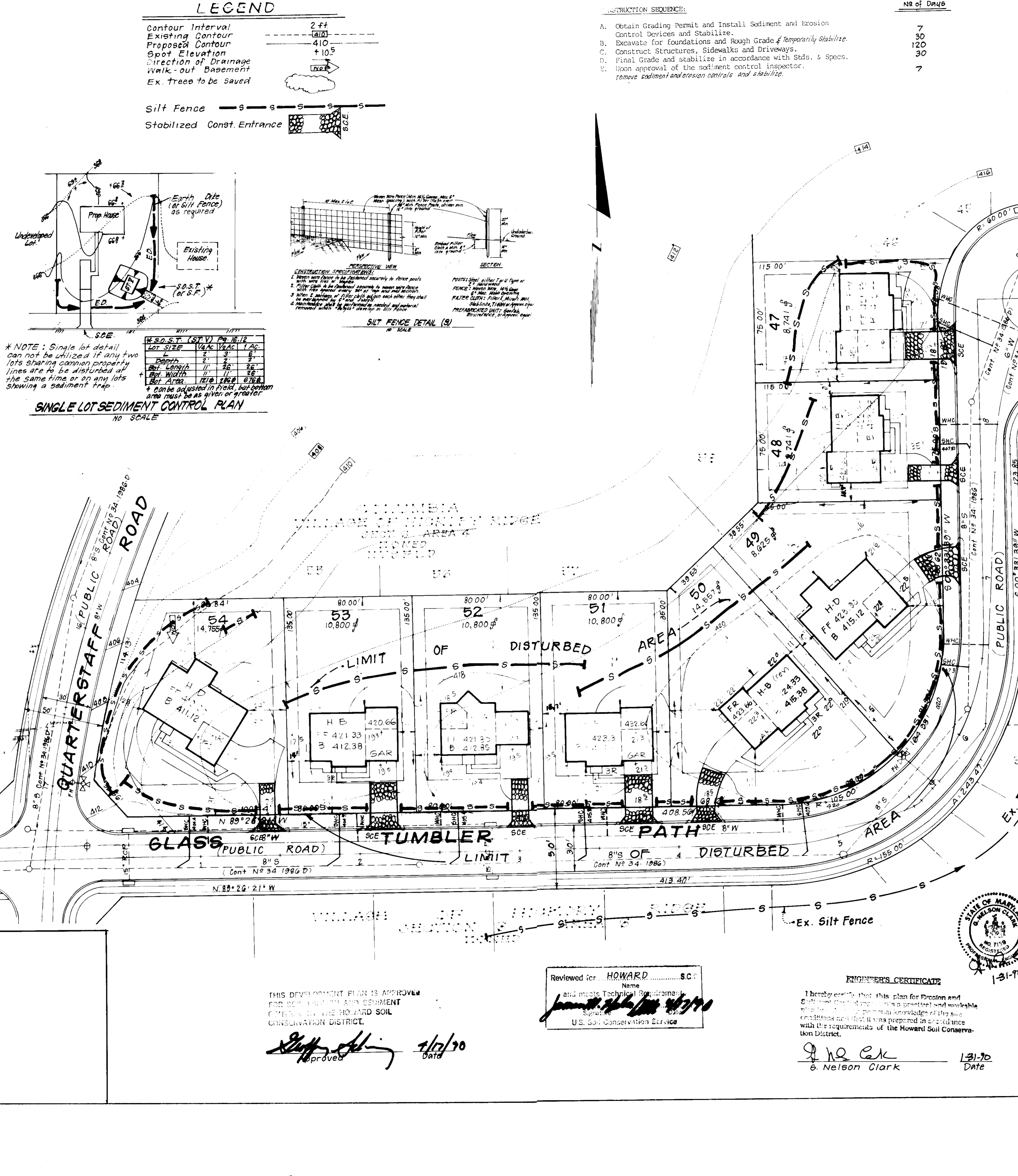
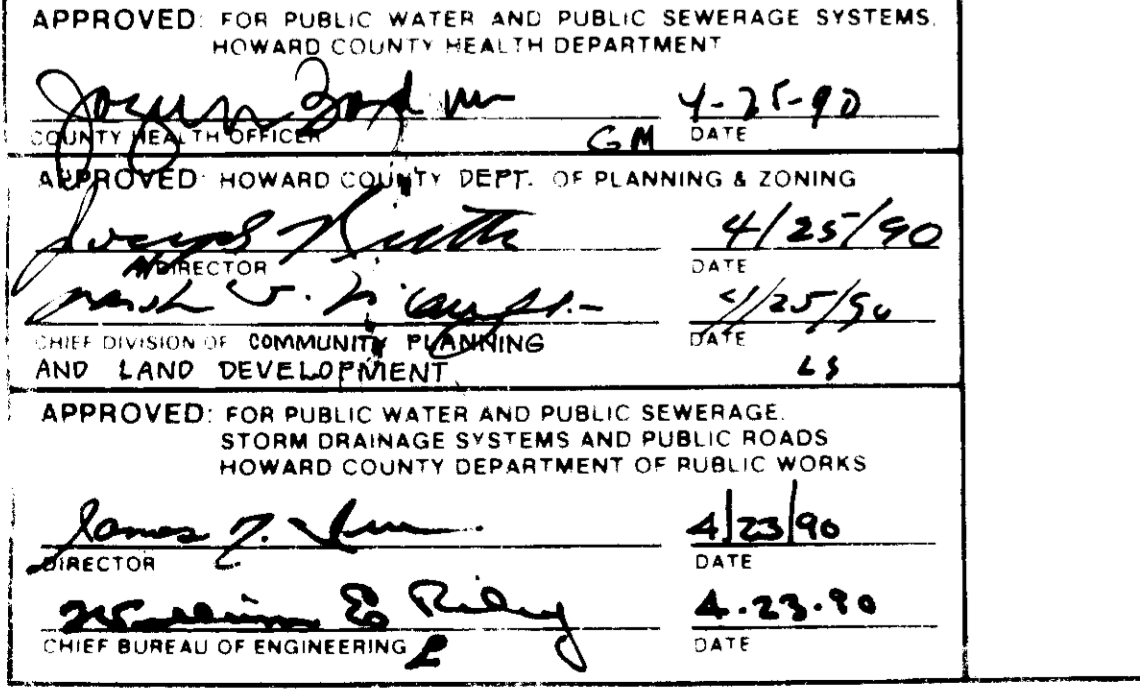
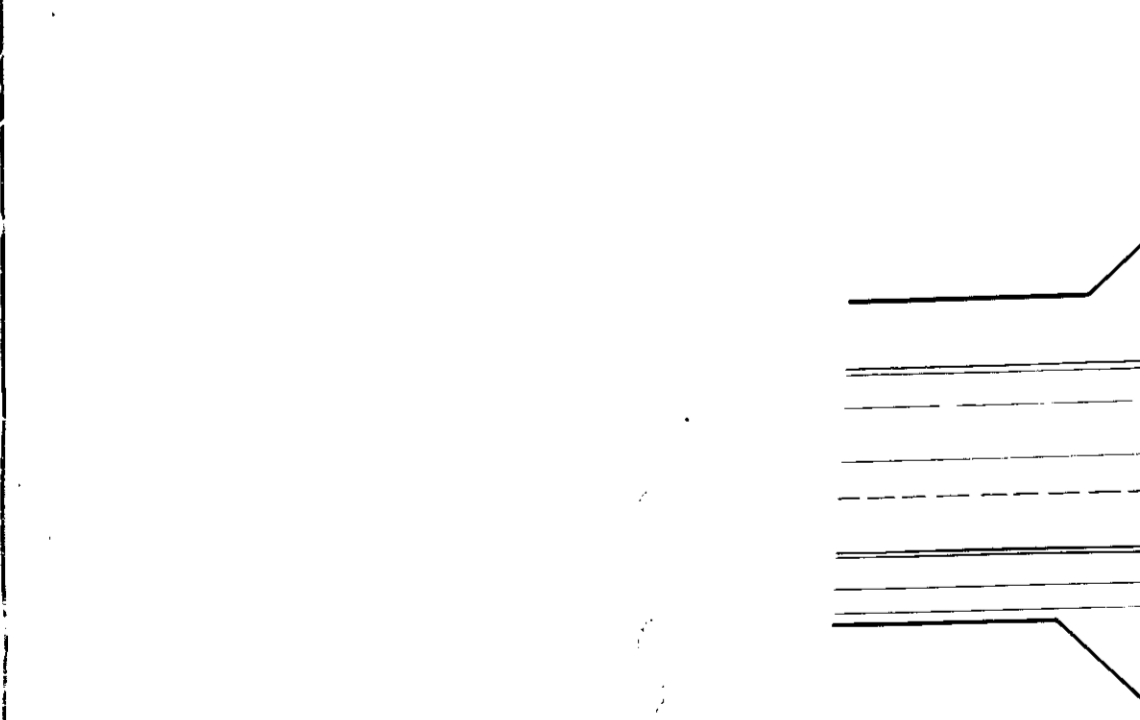
**CONSTRUCTION SPECIFICATIONS:**

1. Stone size - Use #2 stone or equivalent or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet, except on a slope less than 1:1 where a 30 foot minimum length would apply.
3. Thickness - Not less than six (6) inches.
4. Width - Ten (10) feet minimum, but not less than the full width at points where depress or aprons occur.
5. Filter Cloth - Will be placed over the entire area prior to paving of stone. Filter will not be required on a single family residence lot.
6. Surface Water - All surface water flowing over disturbed areas to construction entrances shall be piped across the entrance. If piping is impractical, a manhole shall be installed with 3" slopes will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as construction damage and erosion occur or otherwise. It may require using a trap, sediment filter, sediment applied, grassed, washed or tracked onto public rights-of-way must be removed immediately.
8. Washing - Wheel wash shall be installed to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done in an area stabilized with stone and which drains into an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided after each rain.

**DEVELOPERS/BUILDERS CERTIFICATE**

"We certify that all development activities on this site will be done in accordance with this plan of Sediment and Erosion Control and that the responsible person named in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources 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 or their authorized agents, as an approved necessary."

Signature of Developer/Builder: \_\_\_\_\_ Date: 2-1-90



**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS**  
 HOWARD COUNTY HEALTH DEPARTMENT

DATE: 4-25-90

**APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING**

DATE: 4/25/90

**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS**  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE: 4/23/90

**CHIEF BUREAU OF ENGINEERING**

DATE: 4-23-90

**Reviewed for HOWARD County Name and meets Technical Requirements**

Signature: \_\_\_\_\_ Date: 4/23/90

**U.S. Soil Conservation Service**

**ENGINEER'S CERTIFICATE**

I hereby certify that this plan for Erosion and Sediment Control complies with the practices and methods which are in accordance with the requirements of the Howard Soil Conservation District.

Signature: \_\_\_\_\_ Date: 1-31-90

**CLARK • FINEFROCK & SACKETT, INC.**  
 ENGINEERS • PLANNERS • SURVEYORS

**SEDIMENT & EROSION CONTROL PLAN**  
 LOTS 47 thru 54  
**COLUMBIA**  
 VILLAGE OF HICKORY RIDGE  
 SECTION G AREA 5  
 6th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 20'  
 DRAWING: 2 of 2  
 JOB NO: 80-007  
 FILE NO: 80-007BE

DATE: 1-30-90

FOR: Hallmark Builders  
 P.O. Box 1018  
 Columbia, Md. 21044

S.O.P. 90-140