

1. The contractor shall give notice to the Inspector and Permittee prior to the start of any construction. (192-24.33)

2. All vegetation and structural practices are to be installed in accordance with the provisions of this plan and in accordance with the 1981 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

3. Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within 14 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all disturbed areas. (192-24.33, b) 14 days as to all other disturbed areas on the project site.

4. All seed mixtures shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 11 of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.

5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1981 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and (Sec. 52), temporary seedings (Sec. 50) and mulching (Sec. 53). Temporary stabilization with mulch and seed can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.

6. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.

7. Site Analysis:

Total Area of Site	0.265 Acres
Area Disturbed	0.178 Acres
Area to be seeded or paved	0.059 Acres
Area to be vegetatively stabilized	0.028 Acres
Total Feet	600.00
Total Pits	0
Off-site waste/borrow area location	N/A

8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.

9. Additional sediment control must be provided, if deemed necessary by the Howard County DWM sediment control inspector.

10. On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment control, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

11. If houses are to be constructed on an "As-Built" basis, at random, Single Lot Sediment Control as shown below shall be implemented. N/A

12. All pipes to be blocked at the end of each day (see detail below). N/A

13. The total amount of straw bale dikes/silt fence equals 250 L.F.

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where permanent vegetation cover is needed.

Seeded Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding.

Soil Amendments: Apply 100 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square ft) and 400 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disk into upper three inches of soil. At time of seeding, apply 400 lbs per acre 10-10-10 ureaform 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 disk into upper three inches of soil.

Seeding - For the period March 1 thru April 30, and August 1 thru October 15, seed with 80 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 weeping lovegrass. During the period of October 15 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 sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching - Apply 14 tons per acre (10 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 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 ft 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.

TEMPORARY SEEDING NOTES

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

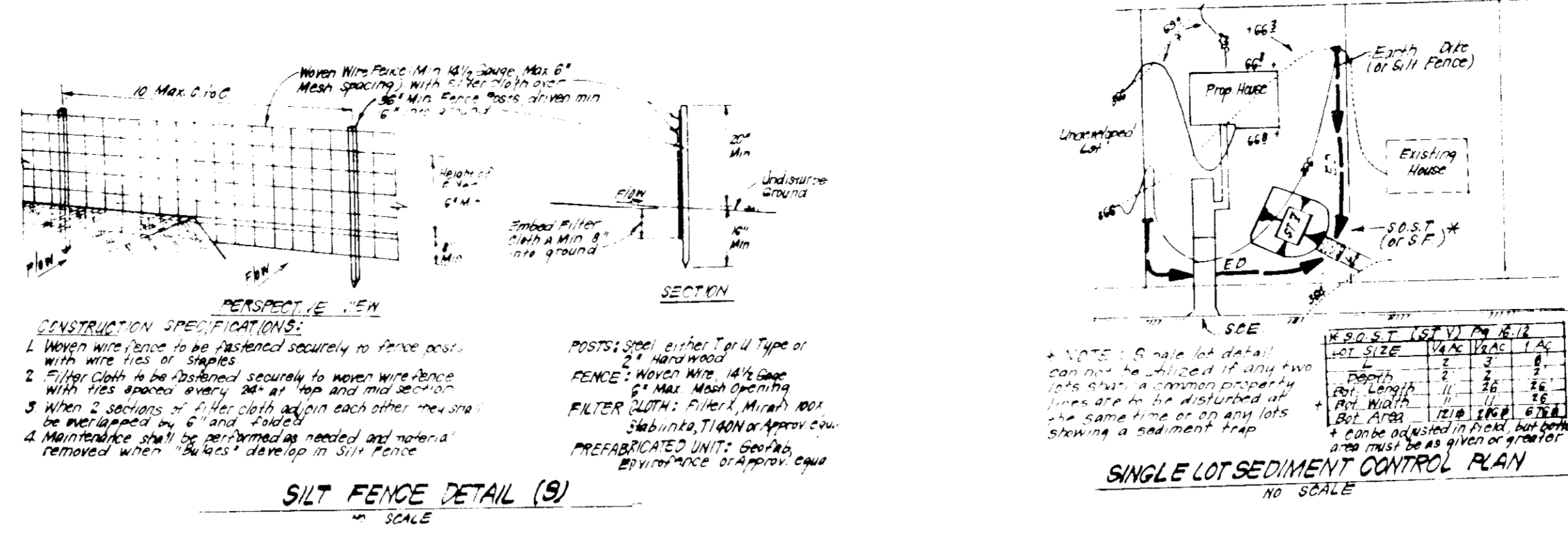
Seeded Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding.

Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 25 bushes per acre of annual ryegrass (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching: Apply 15 to 2 tons per acre (10 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 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

Refer to the 1981 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.



Construction Notes for Prefabricated Silt Fence

- Woven wire fence to be fastened securely to fence posts with wire ties or staples. Posts: Steel either T or U type or 2" hardwood.
- Filter cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section. Fence: Woven wire, 14 Ga. 6" Max. Mesh Opening.
- When two sections of filter cloth adjoin each other they shall be overlapped by six inches and folded. Filter Cloth: Filter X, Mirafi 100X, Stabilinka T140N or approved equal.
- Maintenance shall be performed as needed and material removed when bulges develop in the silt fence. Prefabricated Unit: Geofab, Envirofence, or approved equal.

LEGEND

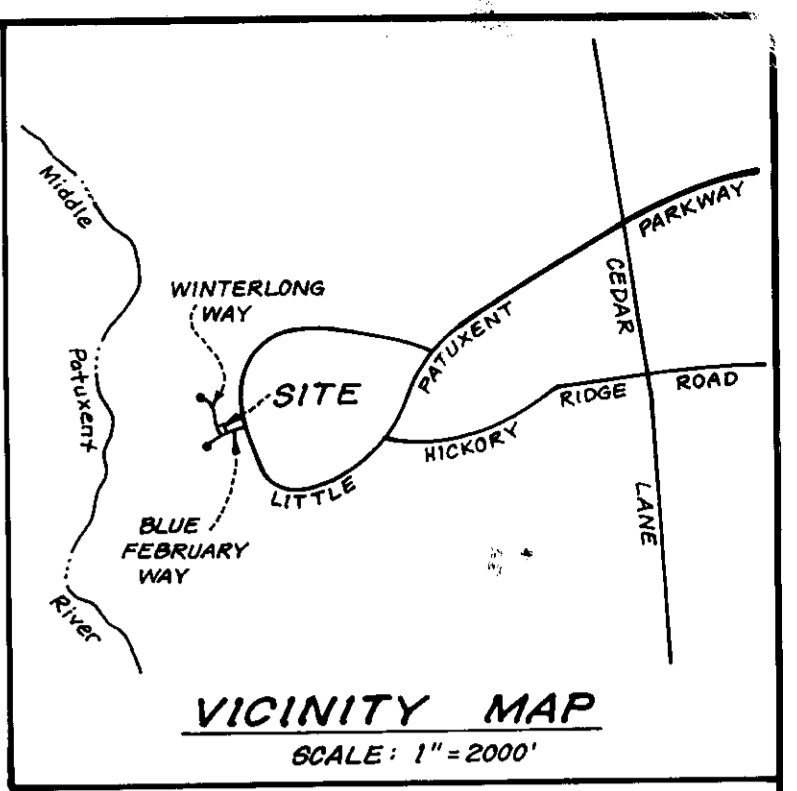
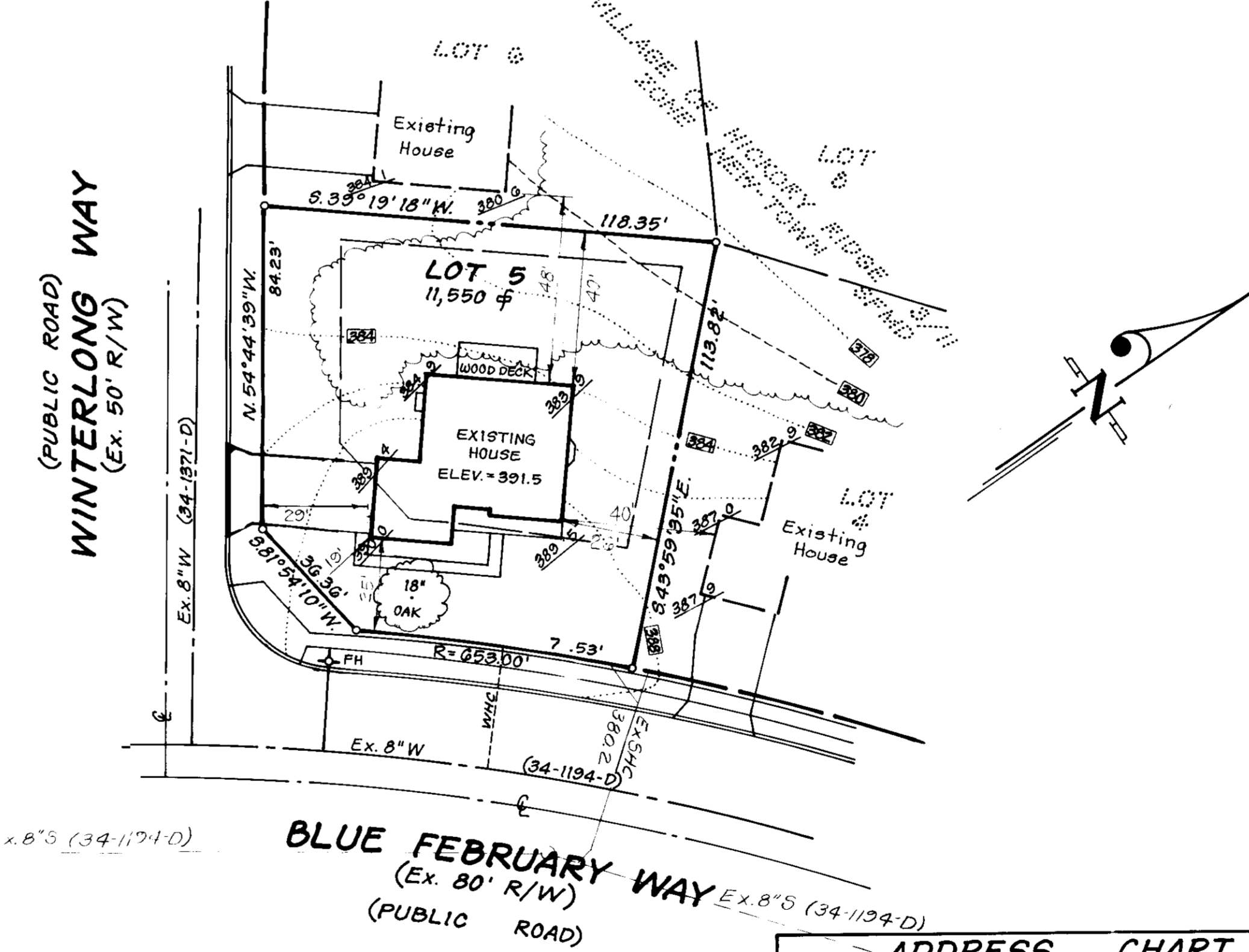
Contour Interval 2 Ft.

Existing Contour 380

Ex. Elevation 384.9

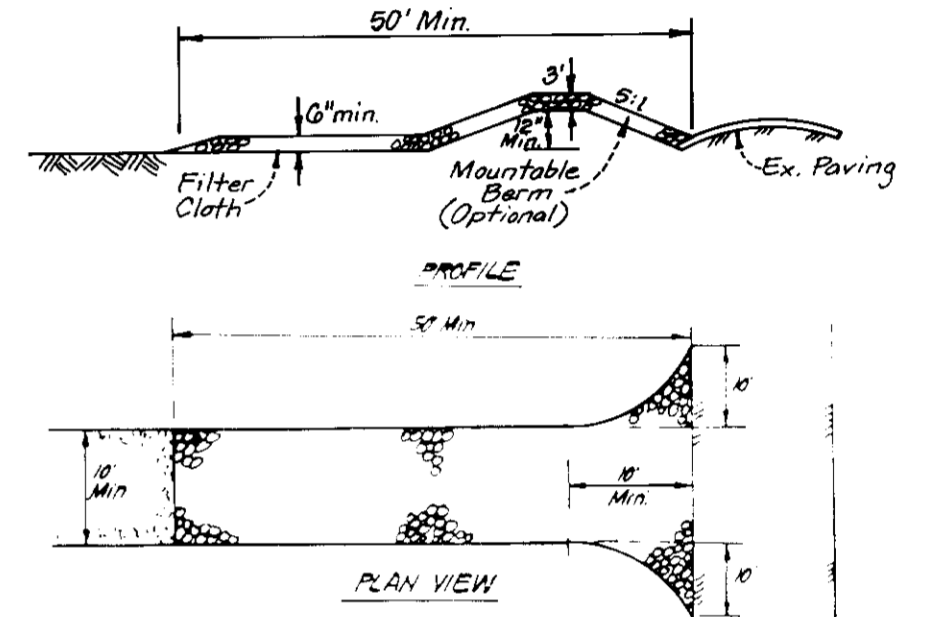
Ex. Trees to be Saved

This plan previously approved by Howard County S.D.P. 86-239C



GENERAL NOTES

- The Land included in this plan is zoned New-Town S.F.M.D. See approved F.D.P. Phase 181 Part III for zoning criteria.
- Coordinates are based upon traverse controls for Columbia established by Mape, Inc. in 1965 and Purdum & Jaschke in 1968, which controls were tied to the Maryland Bureau of Control Monuments and to U.S. Coast and Geodetic Survey Monuments in the Columbia area.
- All roads are public and existing.
- Any damage to county owned rights-of-way to be corrected at the developer's expense.
- Total area included is 0.265 acres.
- Total number of lots: 1
- Storm Water Management provided for in central facility in Village of Hickory Ridge, Section 3, Area 1, Approved plans F-83-120.



CONSTRUCTION SPECIFICATIONS:

- Stone Size - use 2" stone, or reclaimed or recycled concrete equivalent.
- Length - As required, but not less than 50 feet except on a sharp curve where it will be a minimum length with 20 ft.
- Thickness - Not less than 6".
- Width - 50 feet, but not less than the full width at point where ingress and egress occur.
- Water - Will be placed over the entire area prior to placing of stone. It will not be required to be placed during residence.
- Surface - All surface water flowing or directed toward construction entrance shall be kept across the entrance.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking of flowing sediment onto public rights of way. This may require periodic sweeping with 200 mesh screen or other means to remove dirt and debris. If any material is used to trap sediment, it shall be removed and disposed of in a public right of way. It shall be removed immediately.
- Warning - When a warning sign is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- Provide, install and maintain entrance shall be provided after rain.

STABILIZED CONSTRUCTION ENTRANCE 'S.C.E.'

APPROVED

4-29-87

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

5-15-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

5-18-87

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

5-14-87

5-13-87

Howard

5/1/87

Stephen L. Fisher 5/1/87

APPROVED

DREW SIKORSKI

3/11/87



ADDRESS CHART

LOT No.	STREET	ADDRESS
5	11800 Winterlong Way	
SUBDIVISION NAME: VILLAGE OF HICKORY RIDGE		
SECT./AREA: 3/11		
LOTS: 5		
FLAT No.	BLOCK No.	ZONE
G481	10	S.F.M.D.
TAX/ZONE MAP: 35		ELEC. DIST./CENSUS TR: 5th 00E3.01
WATER CODE: I-15		SEWER CODE: G700000
Owner / Developer: Consolidated Home Builders, Inc. Suite 118 Gorman Plaza Building 8950 Route 108 Columbia, Maryland 21045		

CLARK • FINEFROCK • SACKETT, INC.		ENGINEERS • PLANNERS • SURVEYORS	
7185 MINSTREL WAY COLUMBIA, MARYLAND 21045		BALT. (301) 381-7500	
DESIGNED	J.M.E.	SITE DEVELOPMENT PLAN & SEDIMENT AND EROSION CONTROL PLAN	
DRAWN	LAI	LOT 5	
CHECKED	J.M.E.	VILLAGE OF HICKORY RIDGE SECTION 3 AREA 11	
DATE	February 1987	5th Election District, Howard County, Maryland	
FOR: Consolidated Home Builders, Inc. 8950 Route 108 Columbia, Maryland 21045		SCALE	1"=30'
		DRAWING	1 of 1
		JOB NO.	86-131
		FILE NO.	86-131 X



5-1-87 DATE

G. NELSON CLARK

SDP-87-176C