

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

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

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) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 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 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 per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of weeping 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 soil. 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 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 redisturbed where a short-term vegetative cover is needed.

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

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 2-1/2 bushel per acre of annual rye (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (0.7 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 soil.

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 flat areas. On slopes 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

SITE ANALYSIS

- 1. Area of parcel: 14,578 s.f. or 0.33 acres
- 2. Present zoning: R-SC
- 3. Proposed use of site: Single family residences
- 4. Number of parking spaces required: 2 per dwelling = 2
- 5. Number of parking spaces provided: 2
- 6. Building coverage of site: 1,653 s.f. or 11% of gross site

LOT SIZE TABULATION

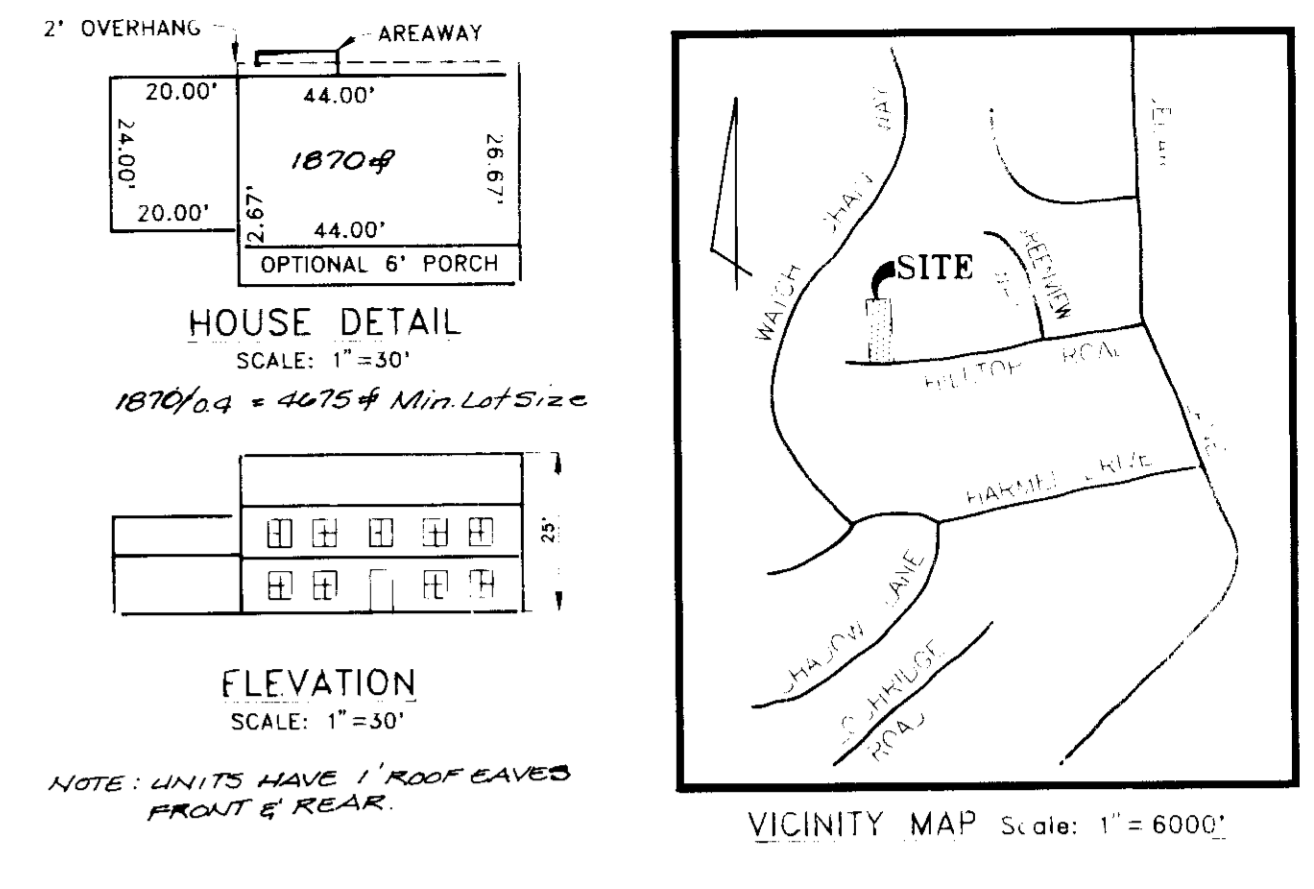
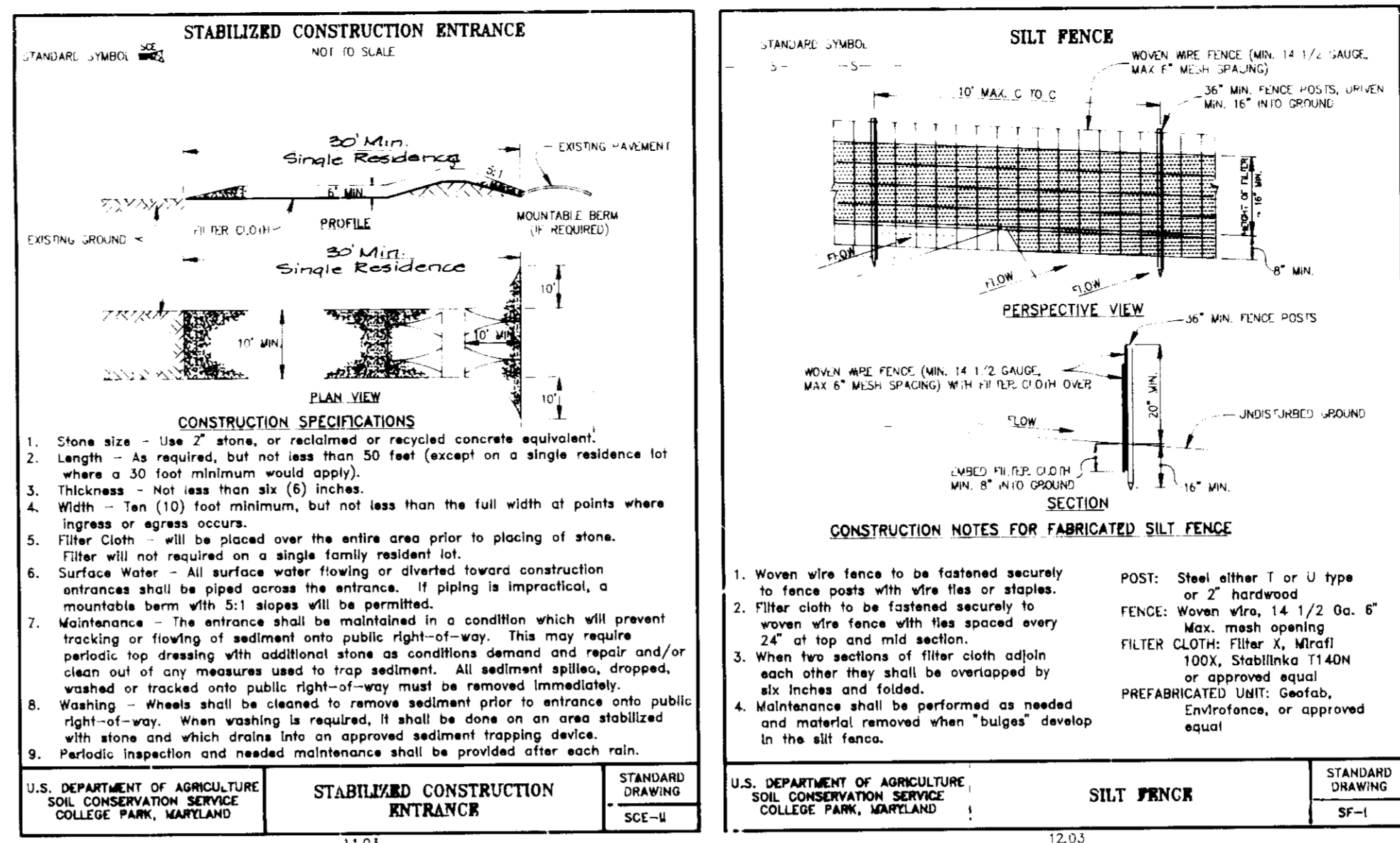
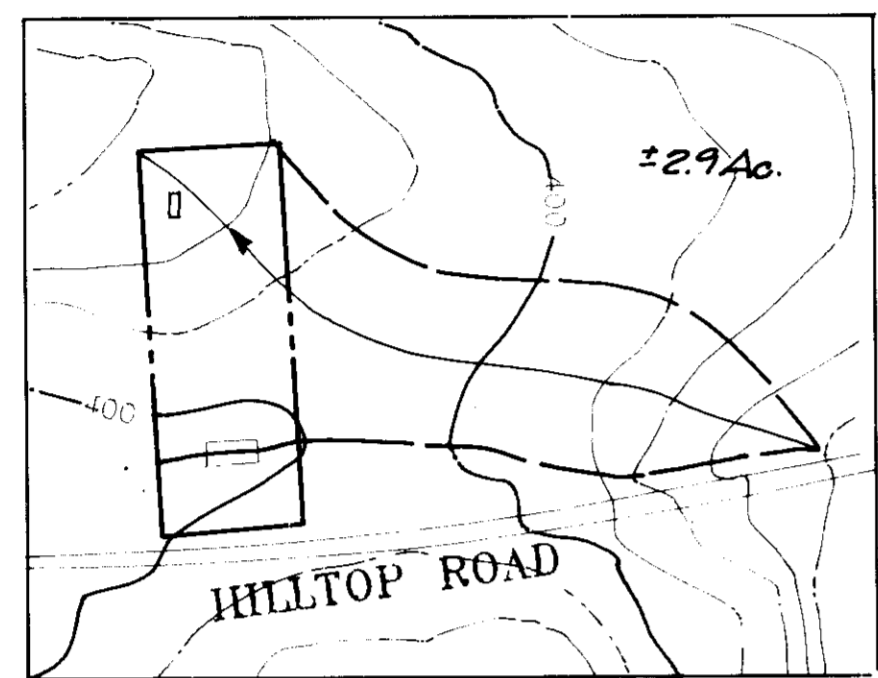
GROSS AREA	PIPESTEM	MINIMUM LOT AREA
(14,578 SF)	(2,500 SF)	(12,078)

SEQUENCE OF CONSTRUCTION

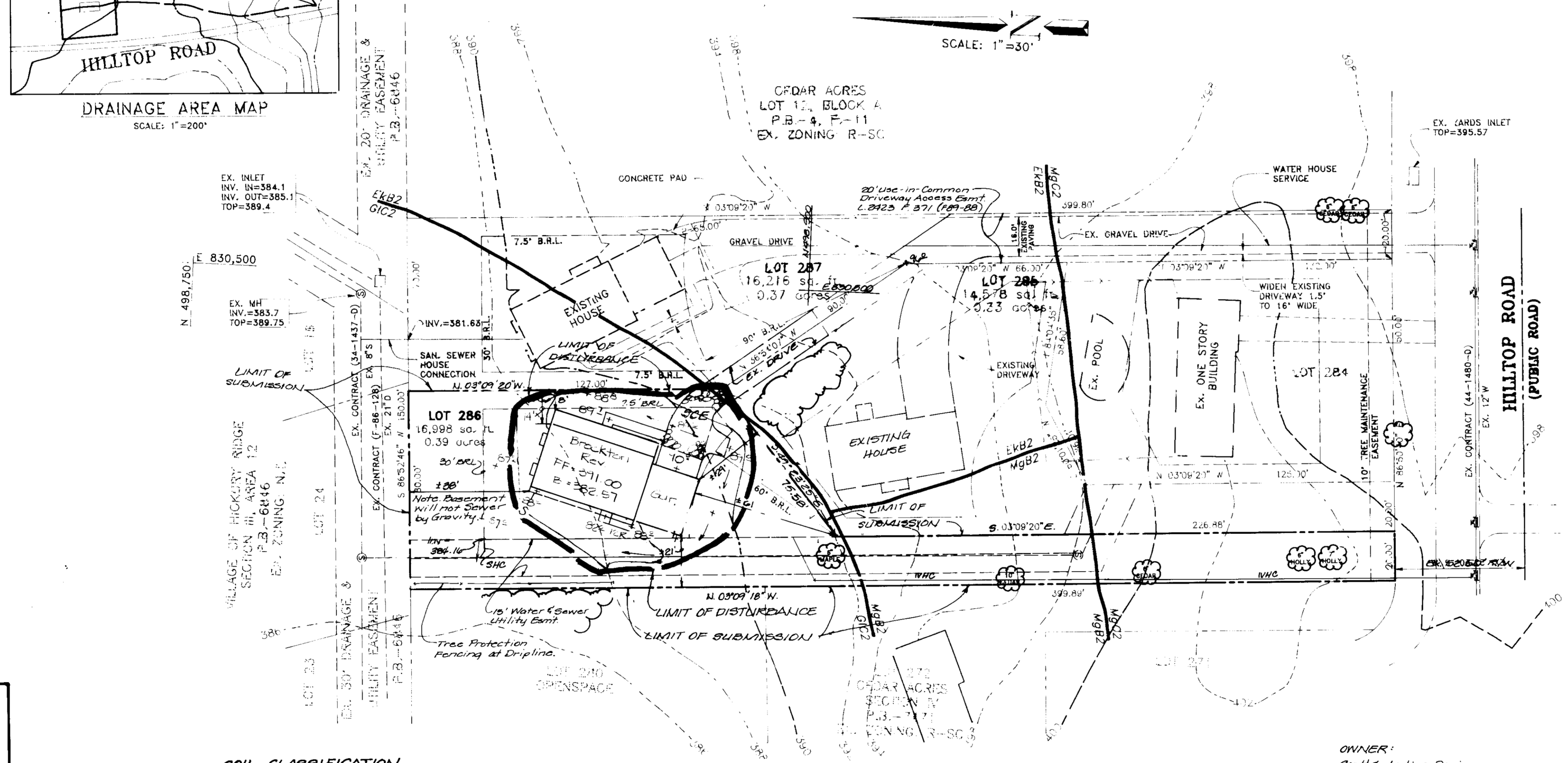
1. Obtain grading and building permit.
2. Install construction entrance.
3. Install silt fence as shown.
4. Construct building.
5. Construct driveway.
6. Stabilize all disturbed areas.
7. Remove sediment control devices with permission of the Howard County Sediment Control Inspectors.

SEDIMENT CONTROL NOTES

1. A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction (992-2437).
2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3. Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1; b) 14 days for all other disturbed or graded areas on the project site.
4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, 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 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51), soil (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone 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: 26% Total area of site 0.09 Acres Area disturbed 0.11 Acres Area to be roofed or paved 0.04 Acres Area to be vegetatively stabilized 0.24 Acres Total Cut 340 Cu. Yds. Total Fill 61 Cu. Yds. Offsite waste/borrow area location approved by SC
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 controls must be provided, if deemed necessary by the Howard County DPW 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 controls, 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.



- GENERAL NOTES**
1. Tax Map: 55; Parcel: 40
 2. Used Reference: 1/71/1480
 3. Existing Zoning: R-SC
 4. Topography shown is based on field run prepared by Boender Associates, Inc., dated Sept. 88.
 5. All construction and materials shall be in accordance with the Howard County Road Construction Code and Specifications.
 6. Utilities to be utilized:
Water - public, contract (44-1480-3)
Sewer - public, contract (34-1437-2)
 7. All onsite driveways and parking areas are to be private.
 8. Any damage to a county-owned right-of-way shall be corrected at the developer's expense.
 9. Contractor to verify location of all underground utilities prior to beginning work.
 10. Contractor to notify 'Miss Utility' at 527-7777 at least five (5) days prior to beginning construction.
 11. The contractor or developer shall contact the Howard County at 792-7272 at least twenty four (24) hours prior to beginning construction.
 12. Survey datum is based on Maryland State Plane Coordinate System.
 13. Disturbed area under 5,000 Sq. Ft. no storm water management required.
 14. A tree maintenance easement, ten feet in width, running along the edge of the public road right-of-way as shown on this plan of subdivision is reserved upon all lots fronting on the said public road, right-of-way. This easement allows Howard County the right to access the property, when necessary, for the specific purpose of installation, repair and maintenance of county-owned trees located within the boundaries of private lots. No building or structure of any kind shall be located on or over the said easement area.
 15. No 100yr. Headplain on-site.
 16. No existing or created steep slopes.
 17. Ref # FB9-88
 18. Trees - Existing.
- * Trees to be saved shall be protected by a tree protection fence, located at the drip-line, prior to grading and construction.



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
[Signature] 9-3-92 DATE
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
[Signature] 9/15/92 DATE
DIRECTOR

APPROVED: DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT.
[Signature] 9/14/92 DATE
CHIEF DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
[Signature] 8-20-92 DATE
DIRECTOR

APPROVED: CHIEF BUREAU OF ENGINEERING & SURVEYING.
[Signature] 10-3-92 DATE
CHIEF BUREAU OF ENGINEERING & SURVEYING

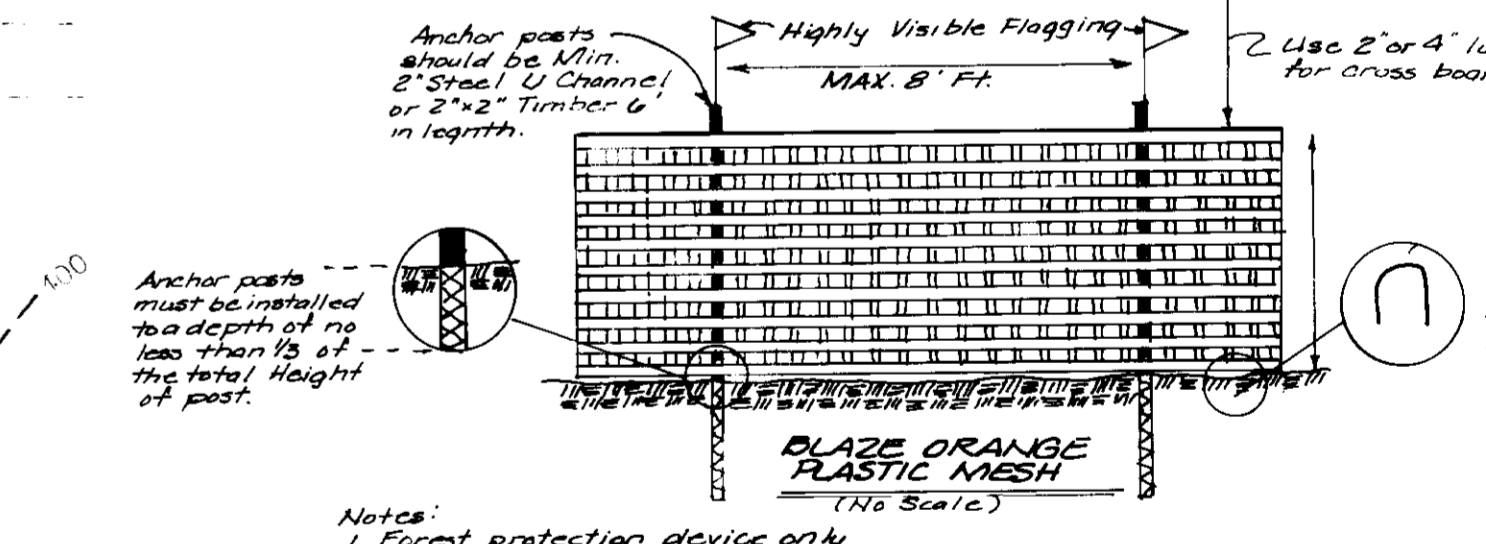
SOIL CLASSIFICATION
EK82 - Elloak Silty Loam, 3-8% Slopes, Moderately eroded
GIC2 - Glenalg Loam, 8-15% Slopes, "
MgB2 - Manor Gravelly Loam, 3-8% Slopes, Moderately eroded.
MgC2 - " " " " 8-15%

REVIEWED FOR HOWARD S.C.O. AND MEETS TECHNICAL REQUIREMENTS
[Signature] 5/29/92 DATE
FOR SOIL CONSERVATION SERVICE

THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature] 5/29/92 DATE
SOIL CONSERVATION DISTRICT

I certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a certification of attendance at a Maryland Department of 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 or their authorized agents, as are deemed necessary.
[Signature] 3-20-92 DATE
Developer

I certify that this plan for erosion and sediment control represents a practical and workable plan based on personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
[Signature] 3-30-92 DATE
Engineer



OWNER: South & Justice Davis 10940 Hilltop Rd Columbia, Md 21044 301 740-7777

SUBDIVISION NAME: CEDAR ACRES		SECTION/AREA: -		PARCEL No.: CT 286	
PLAT No. OR L/P: 939B	BLOCK No.: 11	ZONE: R-SC	TAX/ZONE MAP: MAP: 35	ELECT. DIST.: 5th	GENSUS TRACT: 6055.01
WATER CODE: E-27			SEWER CODE: 6591000		

ADDRESS CHART
LOT NUMBER: 286
STREET ADDRESS: 10948 HILLTOP ROAD

Ref # FB9-88

TITLE: SITE DEVELOPMENT PLAN					
PROJECT: CEDAR ACRES SINGLE FAMILY DETACHED					
LOCATION: 5TH	ELECTION DISTRICT: HOWARD	CO. MD.			
SCALE: 1"=30'	DESIGNED BY: JB	DRAWN BY: CADD	CHECKED BY: SIK	DATE: Jan. 1992	
FIELD BOOK: -	PAGE NO.: -	JOB NO.: 91002	DRAWING NO.: 1 of 1		

Boender Associates
ENGINEERS - PLANNERS - SURVEYORS
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