

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 re disturbance, 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 as to 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 seeding (Sec. 51) and (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 operating condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- 7) Site Analysis:
 Total Area of Site: 0.461 Acres
 Area Disturbed: 0.176 Acres
 Area to be roofed or paved: 0.082 Acres
 Area to be vegetatively stabilized: 0.203 Acres
 Total Cut: 126 Cu. Yds
 Total Fill: 126 Cu. Yds
 Offsite waste/borrow area location: NA
- 8) Any sediment control practice which is disturbed by grading activity shall be replaced upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Building or grading inspection approval may not be authorized until this initial approval by the inspection agency is made.
- 9) Additional sediment controls must be provided, if deemed necessary by the Howard County DPM 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. Building or grading inspection approval may not be authorized until this initial approval by the inspection agency is made.

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.

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

- 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, apply 400 lbs narrow 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. Narrow 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 50 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 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 sod. Option (3) Seed with 50 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 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. 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.

TEMPORARY SEEDING NOTES

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

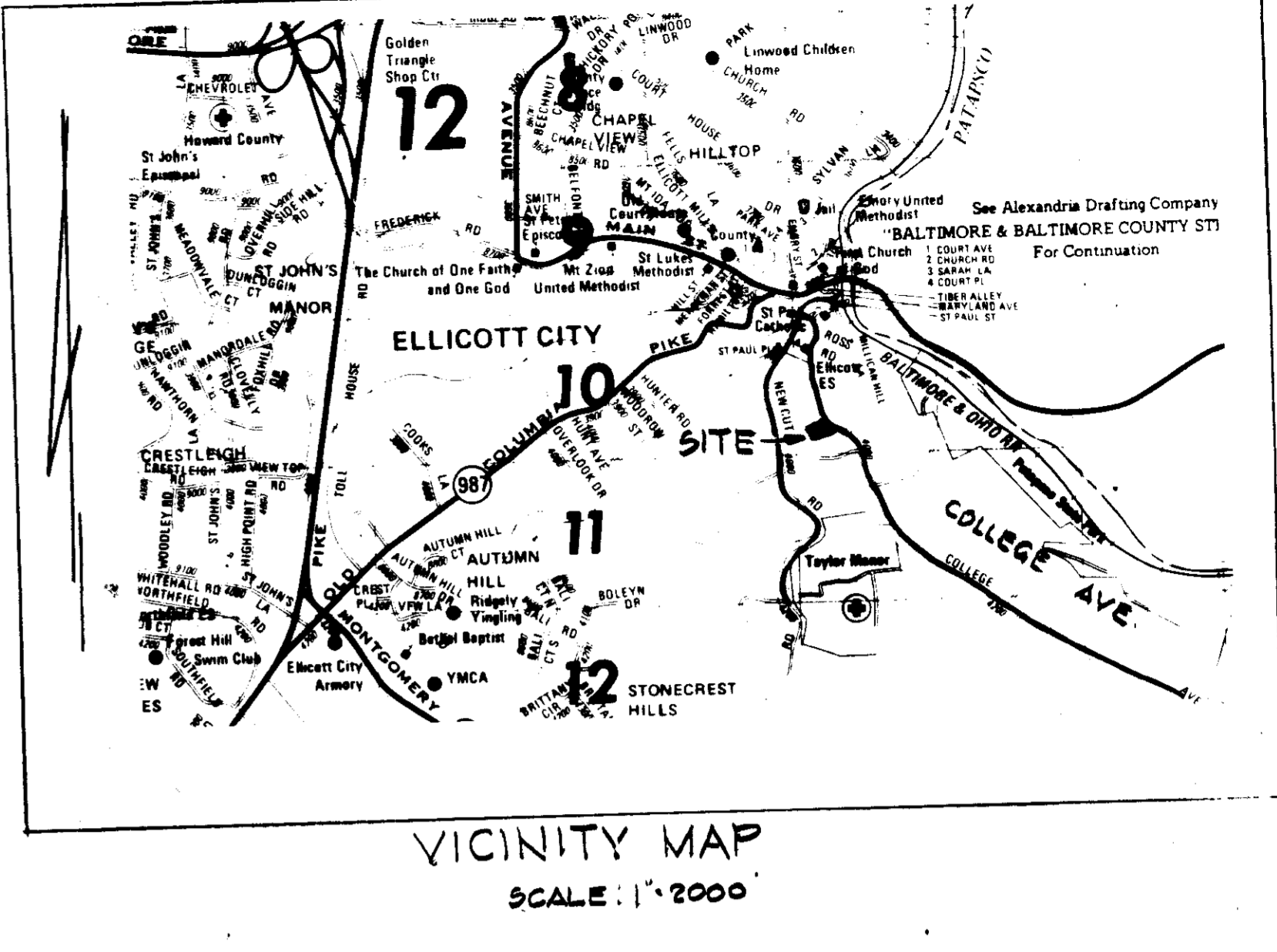
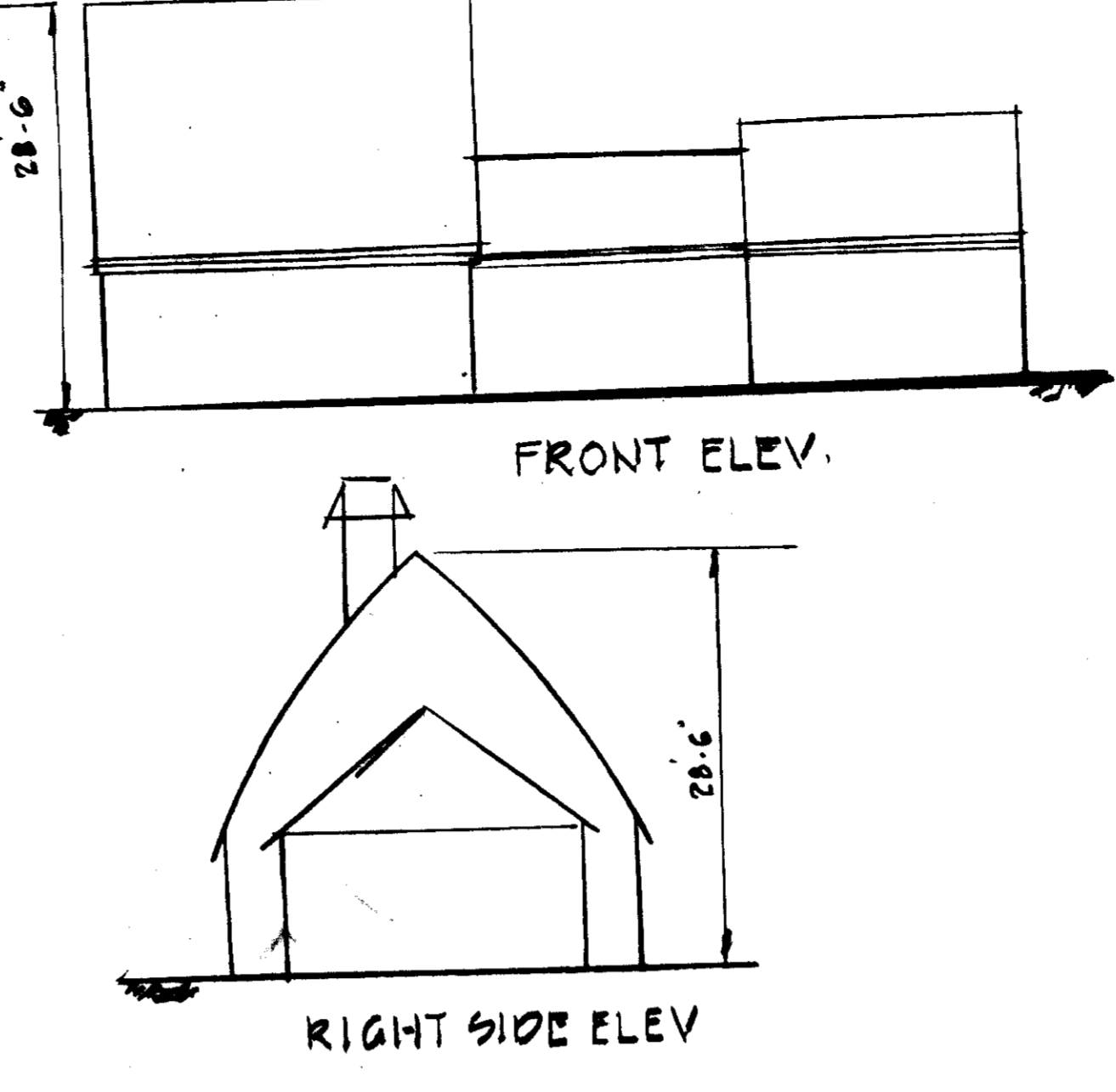
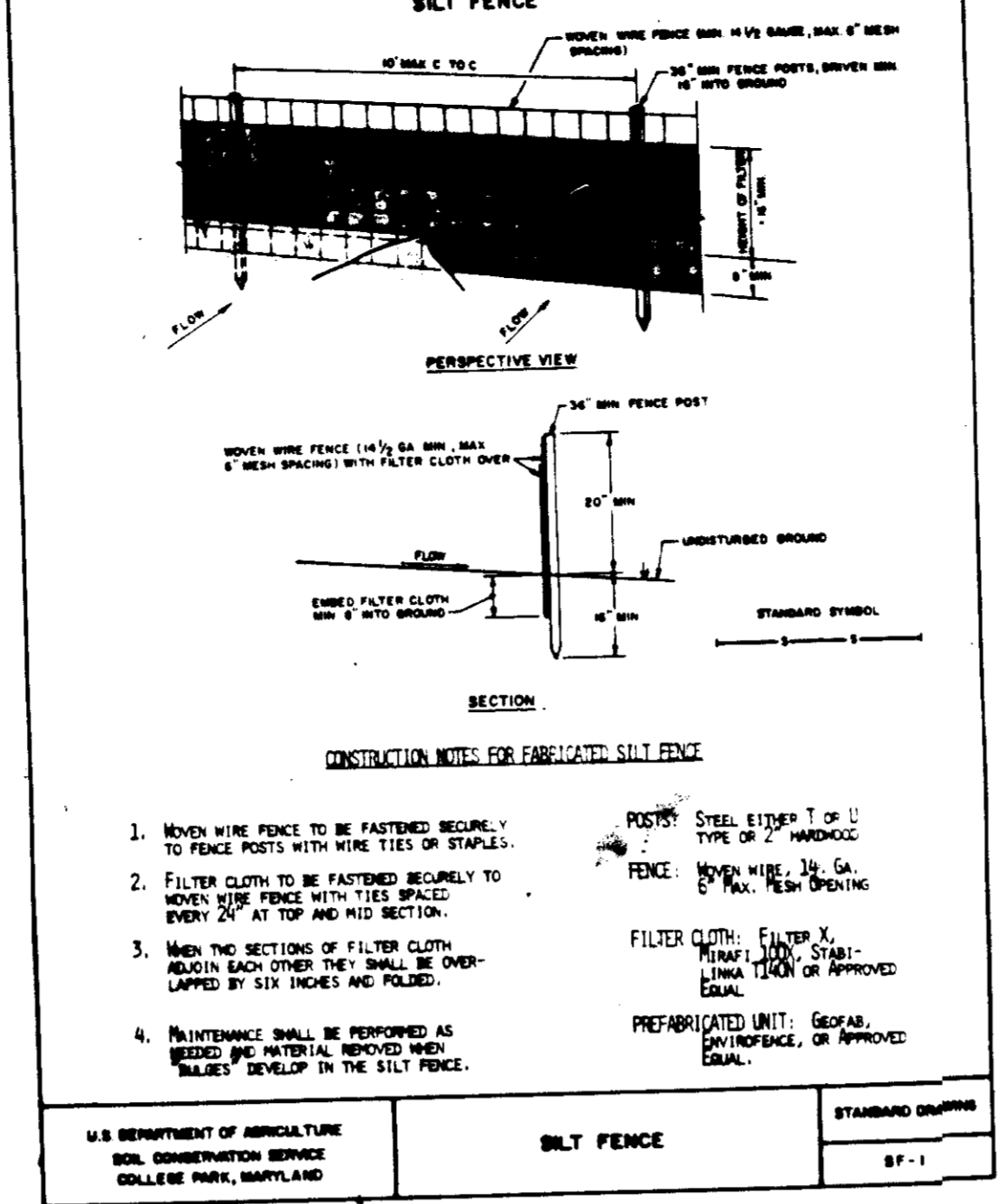
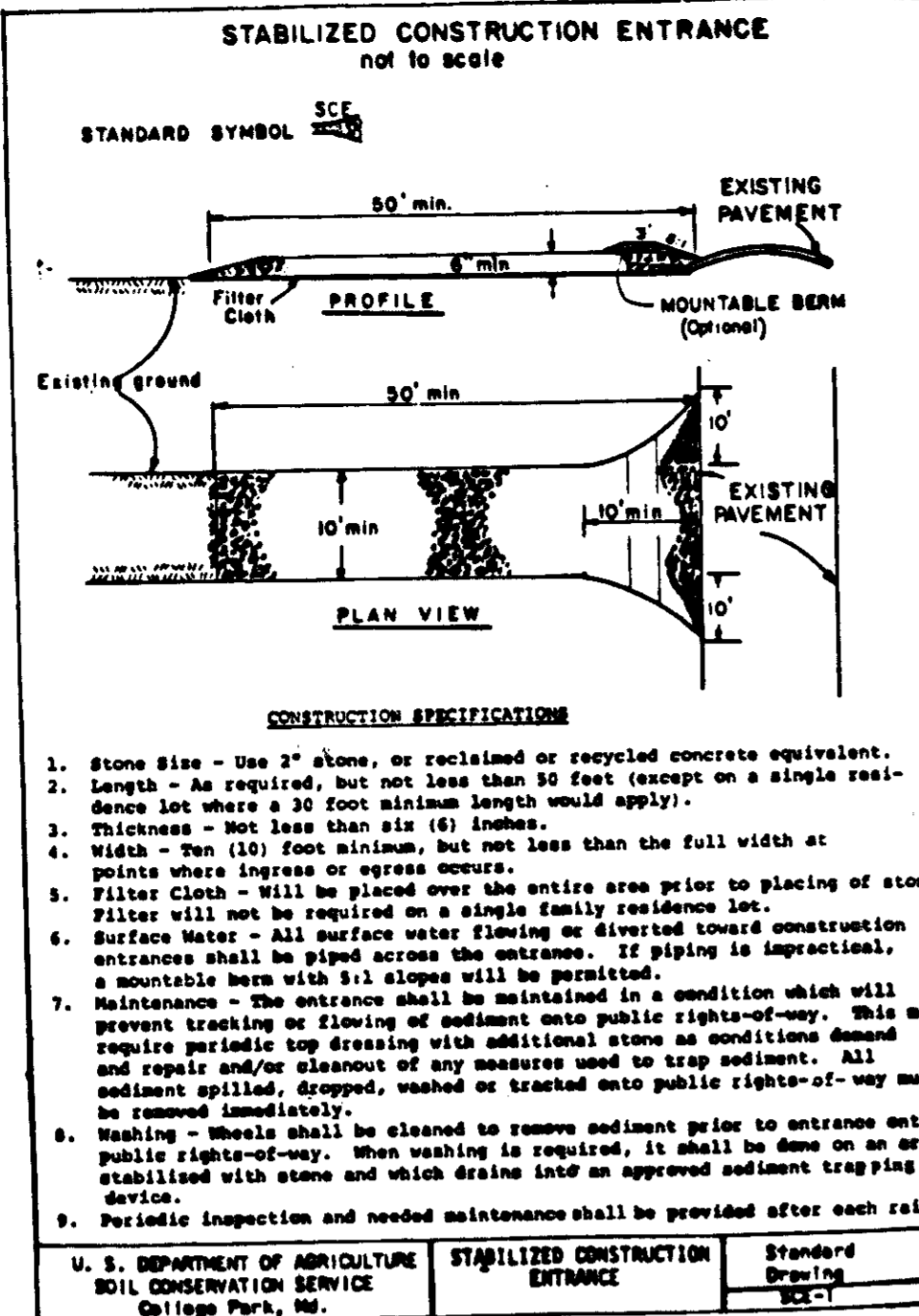
Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

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 24 lbs 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 (.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 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 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet 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.



LANDSCAPE SCHEDULE

TYPE	SIZE	HEIGHT	AMOUNT	REMARKS
EX. 30' CEDAR	EX 30'	25'	1	LOCATION - SEE PLAN
EX. 18' CEDAR	EX 18'	20'	1	"
EX. 24' PINE	EX 24'	26'	1	"
PROP. VIRGINIA PINE (PENTAC. VIRGINIANA)	2 1/2" CAL	6 FEET	2	INDICATED ON PLAN

SUBDIVISION NAME
SWEARER PROPERTY

PLAT GROUP 5347 **BLOCK** 14 **ZONE** R-ED **TAX/ZONE MAP** 25 **ELECT. DIST.** 2 **CENSUS TR.** 6024

WATER CODE F04 **SEWER CODE** 1400200

ADDRESS CHART

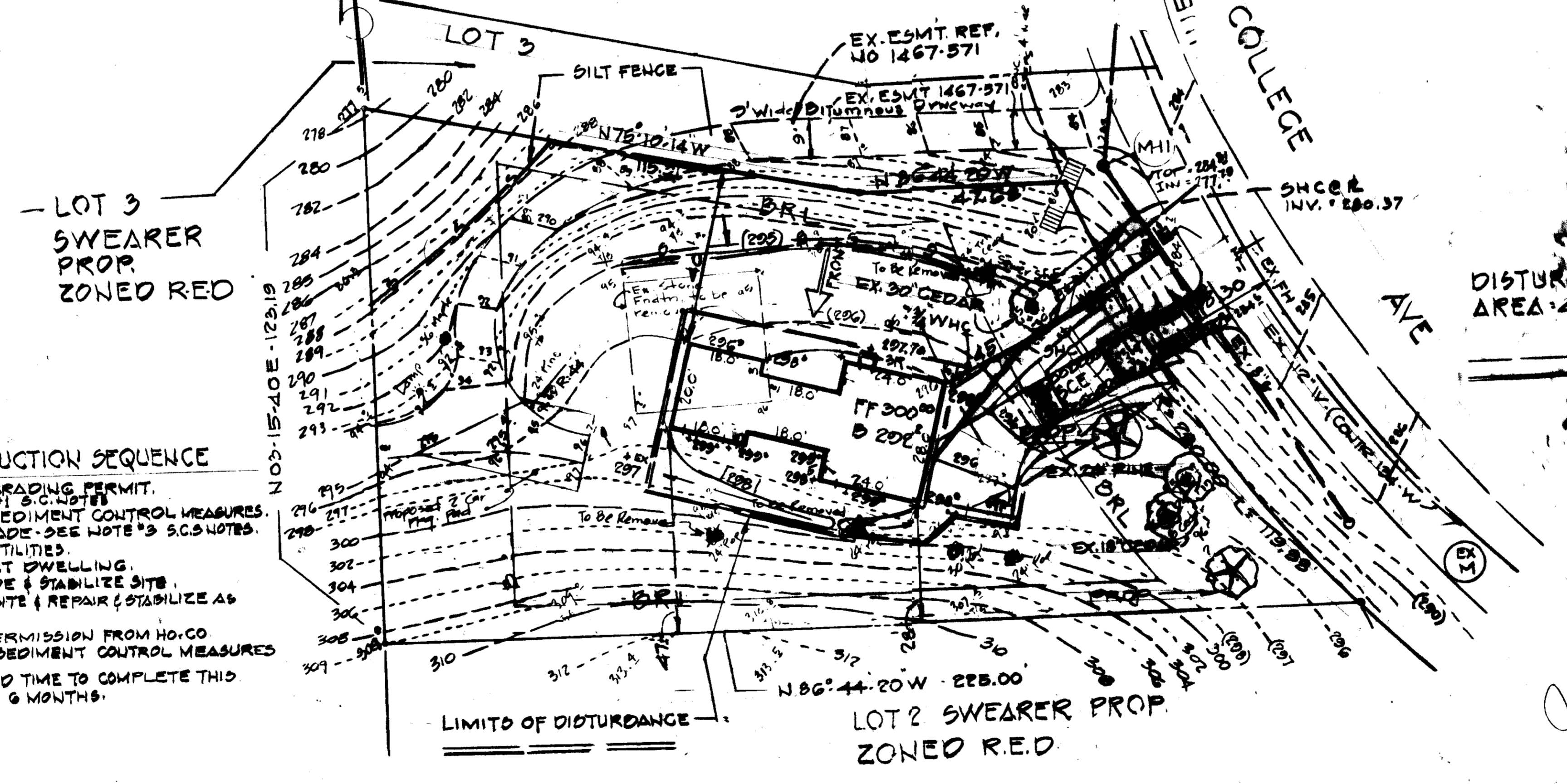
LOT NUMBER	STREET ADDRESS
1	3994 COLLEGE AVE.

GENERAL NOTES:

1. AREA OF SITE 0.461 AC.
2. OWNER: DALE S. SWEARER, 8509 MARIETH WAY, ELLICOTT CITY, MD. 21048
3. DEED 1055/313 PLAT REF. 5347
4. TAX & ZONE MAP 25 PARCEL 49
5. ZONING CLASSIFICATION
6. SITE USE: SINGLE FAMILY DWELLING
7. PUBLIC WAYS
8. DENSITY CALCULATIONS

	50 FT	AC.	PERCENT
A. AREA OF LOT	20,081.6	0.461	-
B. BLDG. COVERAGE	1284	-	6.4
C. PAVING	1140	-	5.7
D. OPEN SPACE	-	-	87.9

9. ALL MATERIALS & METHODS OF CONSTRUCTION SHALL BE ACCORDING TO HO. CO. STANDARDS.
10. CONTRACTOR SHALL VERIFY LOCATION ALL EX. UTILITIES, PRIOR TO CONSTRUCTION.



CONSTRUCTION SEQUENCE

1. OBTAIN GRADING PERMIT. SEE NOTE #1 S.C.S. NOTES.
2. INSTALL SEDIMENT CONTROL MEASURES.
3. ROUGH GRADE - SEE NOTE #3 S.C.S. NOTES.
4. INSTALL UTILITIES.
5. CONSTRUCT DWELLING.
6. FINE GRADE & STABILIZE SITE.
7. INSPECT SITE & REPAIR (STABILIZE AS REQUIRED).
8. AFTER PERMISSION FROM HO. CO. REMOVE SEDIMENT CONTROL MEASURES.

ESTIMATED TIME TO COMPLETE THIS PROJECT: 6 MONTHS.

By the Engineer:

I certify that this plan for erosion and sediment control represents a practical and suitable 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 Public Works.

John L. Schneider 7/9/85
 JOHN L. SCHNEIDER
 6825 WINDSOR MILL RD
 BALTO, MD 21207 - 944-8857

By the Surveyor:

I certify that all development and construction will be in accordance with the approved plan and that any necessary personnel involved in the construction project will have a certificate of competency as a Department of Sediment and Erosion before beginning the project.

William B. Davis 7/23/86
 WILLIAM B. DAVIS

APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Stephen J. Hauler 7/23/86
 S.J.H.

Revised for HOWARD S.C.S. and notes
 7-25-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

Thomas J. Harris 8-5-86
 THOMAS J. HARRIS
 PLANNING DIRECTOR DATE

John M. ... 8-5-86
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS

John ... 8-4-86
 COUNTY HEALTH OFFICER DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

Virgil F. Nunn 7-31-86
 VIRGIL F. NUNN
 DIRECTOR DATE

... 7-23-86
 CHIEF, BUREAU OF ENGINEERING DATE

CONTACT PURCHASER: WM. R. & SALLY A. DAVIS
 17 S. BEESCHWOOD
 CATONSVILLE, MD. 21228

APPROVED PLANNING BOARD OF HOWARD COUNTY

DATE: 7-23-86

SH 1 OF 1
 S.O.P. 86-238