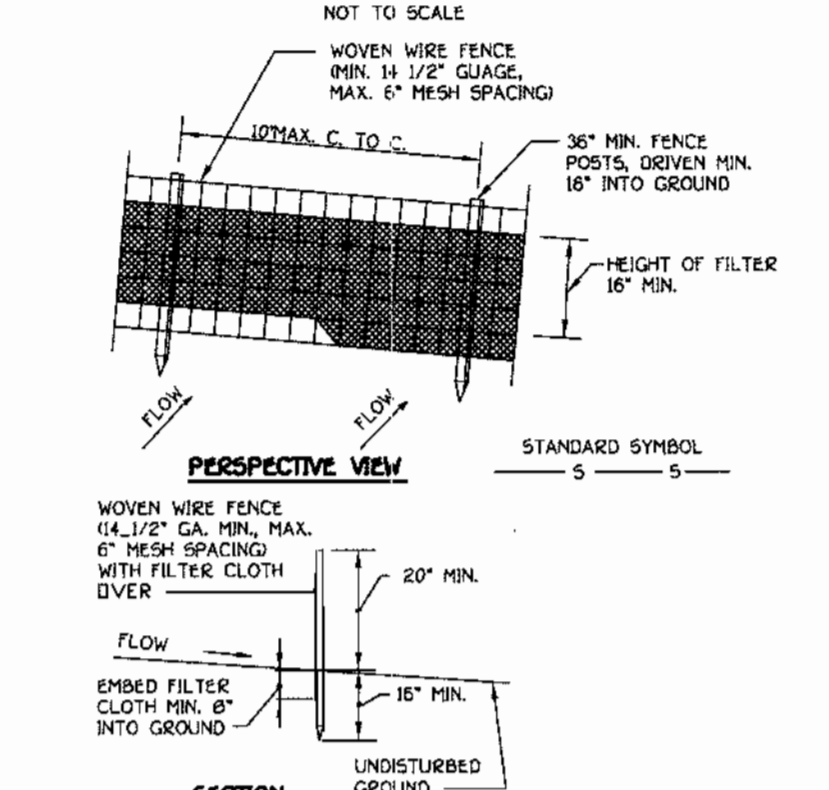


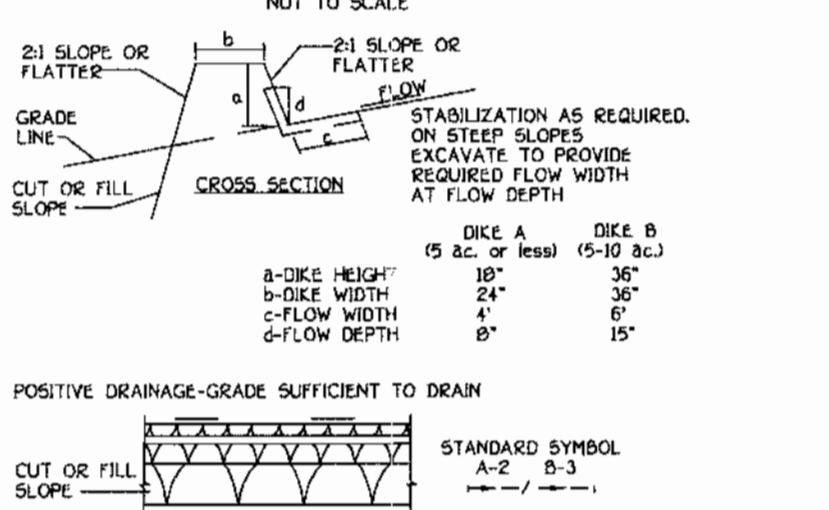
SILT FENCE



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE:

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24\"/>

EARTH DIKE



CONSTRUCTION SPECIFICATIONS:

- ALL DICES SHALL BE COMPACTED BY EARTH-MOVING EQUIPMENT.
- ALL DICES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
- TOP WIDTH MAY BE 40\"/>

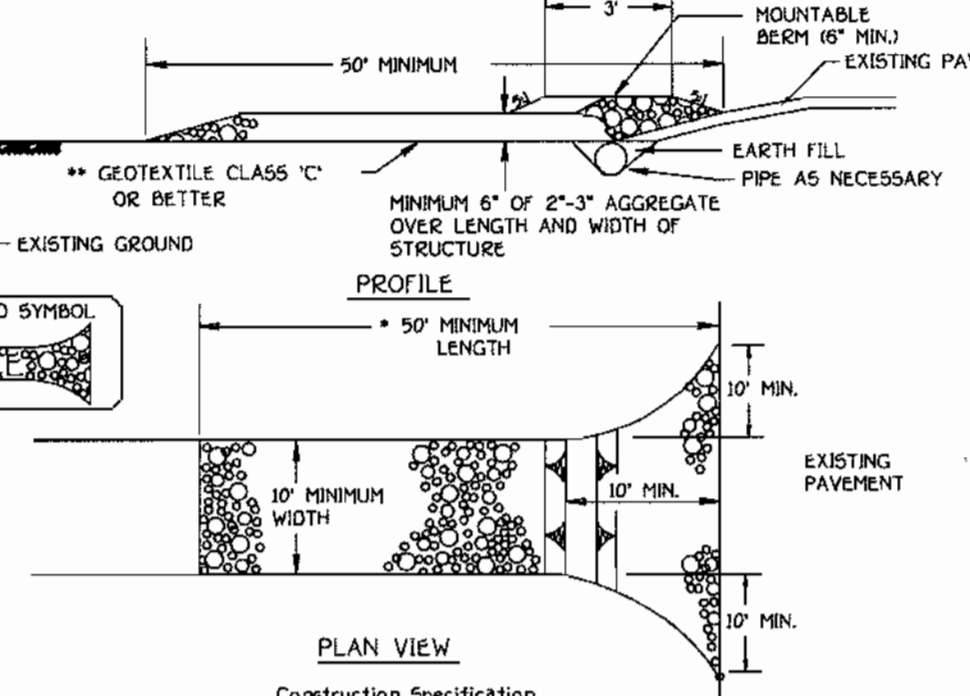
PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: APPLY TWO TONS PER ACRE DOLICHITE LIMESTONE (92 LBS./1,000 SQ.FT.) BEFORE SEEDING HARROW OR DISC.

STABILIZED CONSTRUCTION ENTRANCE



Construction Specification:

- Length - minimum of 50' ± 30' for single residence lots.
- Width - 10' minimum, should be fixed at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone.

SEDIMENT CONTROL NOTES

1. A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSING AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (03-1995).

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 MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THEREOF.

89. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.

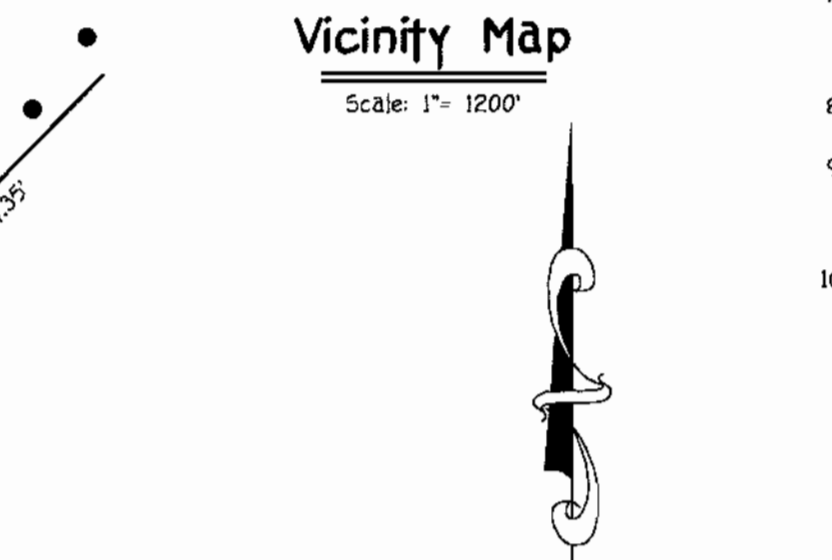
90. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DENSED APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERMANENT EROSION AND SEDIMENT CONTROL, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING OF THE BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.

GENERAL NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST 5 FIVE WORKING DAYS PRIOR TO THE START OF WORK.

2. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.

3. THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES: F 01-26.



STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION

Using vegetation as cover for barren soil to protect it from forces that cause erosion.

CONDITIONS WHERE PRACTICE APPLIES:

The practice shall be used on denuded areas on hillsides used on highly erodible or critically eroding areas. This specification is divided into Temporary Seeding, to quickly establish vegetative cover for short duration (up to one year), and Permanent Seeding, for long term vegetative cover.

SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS

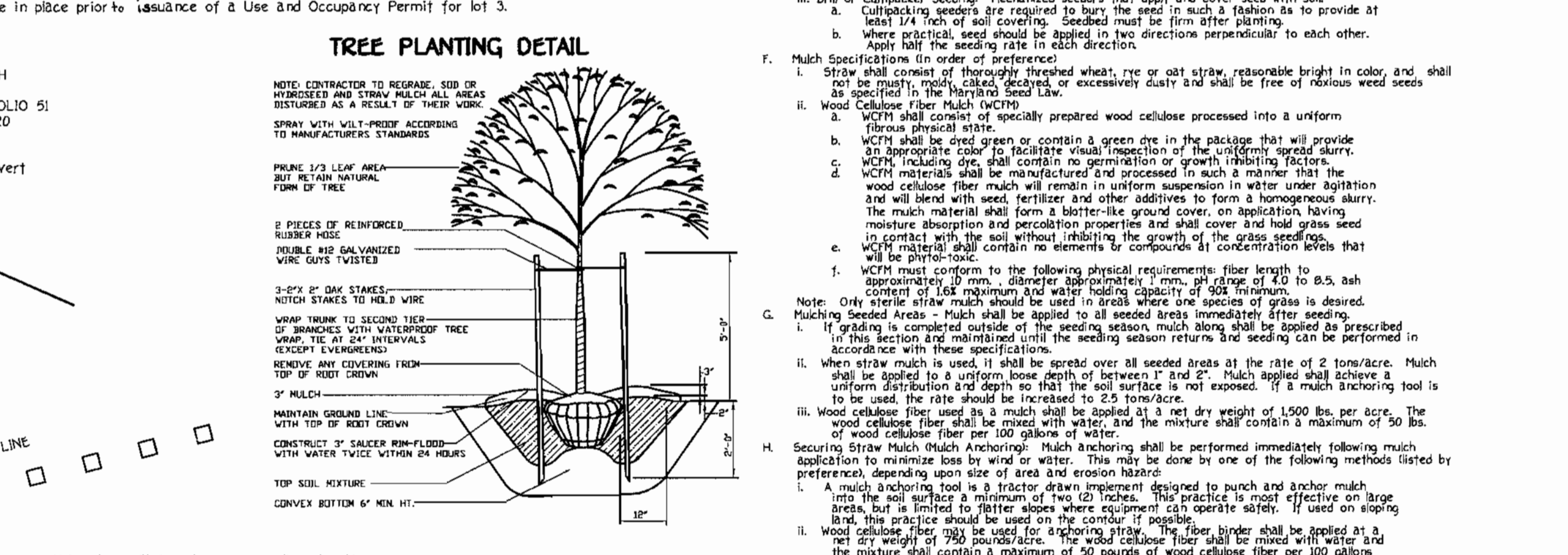
- Site Preparation:**
 - Install erosion and sediment control structures (berms, temporary or permanent) such as diversions, grade stabilization structures, siltways, or sediment control basins.
 - Perform all grading operations at right angles to the slope. Final grading and shaping is not usually necessary for temporary seeding.
 - Schedule required soil tests to determine soil amendment composition and application rates for sites having disturbed areas over 5 acres.

15. In accordance with Section 125 of the Howard County Zoning Regulations, bay windows, chimneys or exterior stairways not more than sixteen feet in width may project not more than four feet into any setbacks, porches or decks, open or enclosed may project not more than ten feet onto the front or rear setback.

16. At the time of plant installation, all trees as listed and approved herewith, shall be of the proper height requirements in accordance with the Howard County Landscape Manual. In addition, no substitutions or relocation of the required plantings may be made without prior review and approval from the Department of Planning and Zoning.

17. Driveway shall be provided prior to residential occupancy

- Width: 12' (14' serving more than one residence).
- Surface: 6 inches of compacted crusher run base with tar and chip coating.
- Geometry: Maximum 15% grade, minimum 10% grade change and minimum 45 foot turning radius.
- Maintenance: Sufficient to insure all weather use.



LANDSCAPE DEVELOPER'S CERTIFICATE

I/We certify that the landscaping shown on this plan will be done according to the plan, Section 15124 of the Howard County Code and the Howard County Landscape Manual.

Kavita L. Downie
Date: 4-25-01

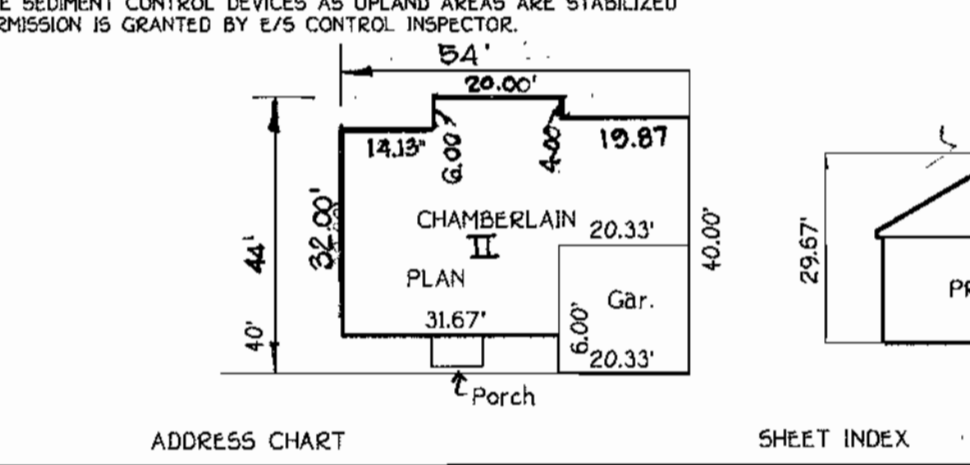
TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RESTORED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING 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 (4 LBS./1,000 SQ.FT.)

SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH NOVEMBER 15, SEED WITH 1 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS./ACRE) OF WEEPING LOVEGRASS (0.7 LBS./1,000 SQ.FT.) FOR THE PERIOD NOVEMBER 15 THRU FEBRUARY 28. PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOO.



LOT NUMBER	STREET ADDRESS	SHEET NO.	DESCRIPTION
3	2775 ST. JOHN'S LANE	1 OF 2	SITE DEVELOPMENT PLAN, DETAIL SHEET AND SEDIMENT AND EROSION CONTROL PLAN
		2 OF 2	NOISE WALL NOTES & DETAILS

Symbol	Description	Category	Perimeter	1	2	3
---	Existing Contour 2' Interval	Landscape Type	A	N/A	N/A	N/A
---	Existing Contour 10' Interval	Linear Feet of Perimeter	185.79'	76.00'	153.63'	
---	Proposed Contour 2' Interval	Number of Plants Req. Shade Trees	3	N/A	N/A	
---	Spot Elevation	Number of Plants Pro. Shade Trees	3	N/A	N/A	

QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
3	○	ACER RUBRUM	OCTOBER GLORY MAPLE	2 1/2\"/>

ENGINEER'S CERTIFICATE

I certify that this plan for erosion and sediment 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 Soil Conservation District.

Enid Hamilton
Date: 6-18-01

DEVELOPER'S CERTIFICATE

I/We certify that all development and construction will be done according to this plan, and that any 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.

Kavita L. Downie
Date: 4-25-01

OWNER/BUILDER
DORSEY FAMILY HOMES
9926 CYPRESSMEDE DRIVE
ELLICOTT CITY, MD. 21042

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Enid Hamilton
Chief, Division of Development
Date: 9/4/01

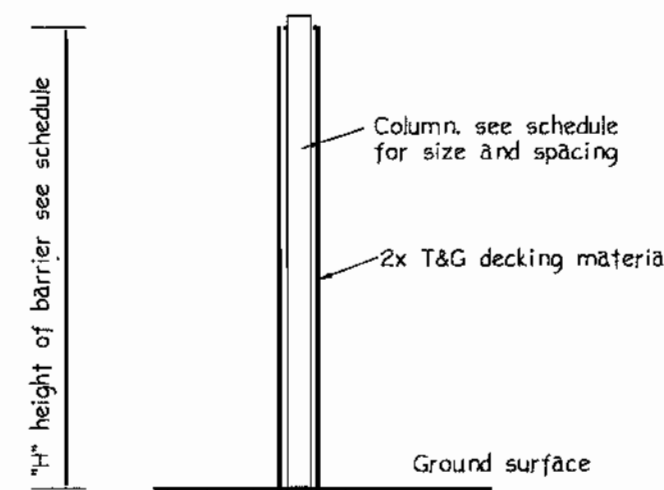
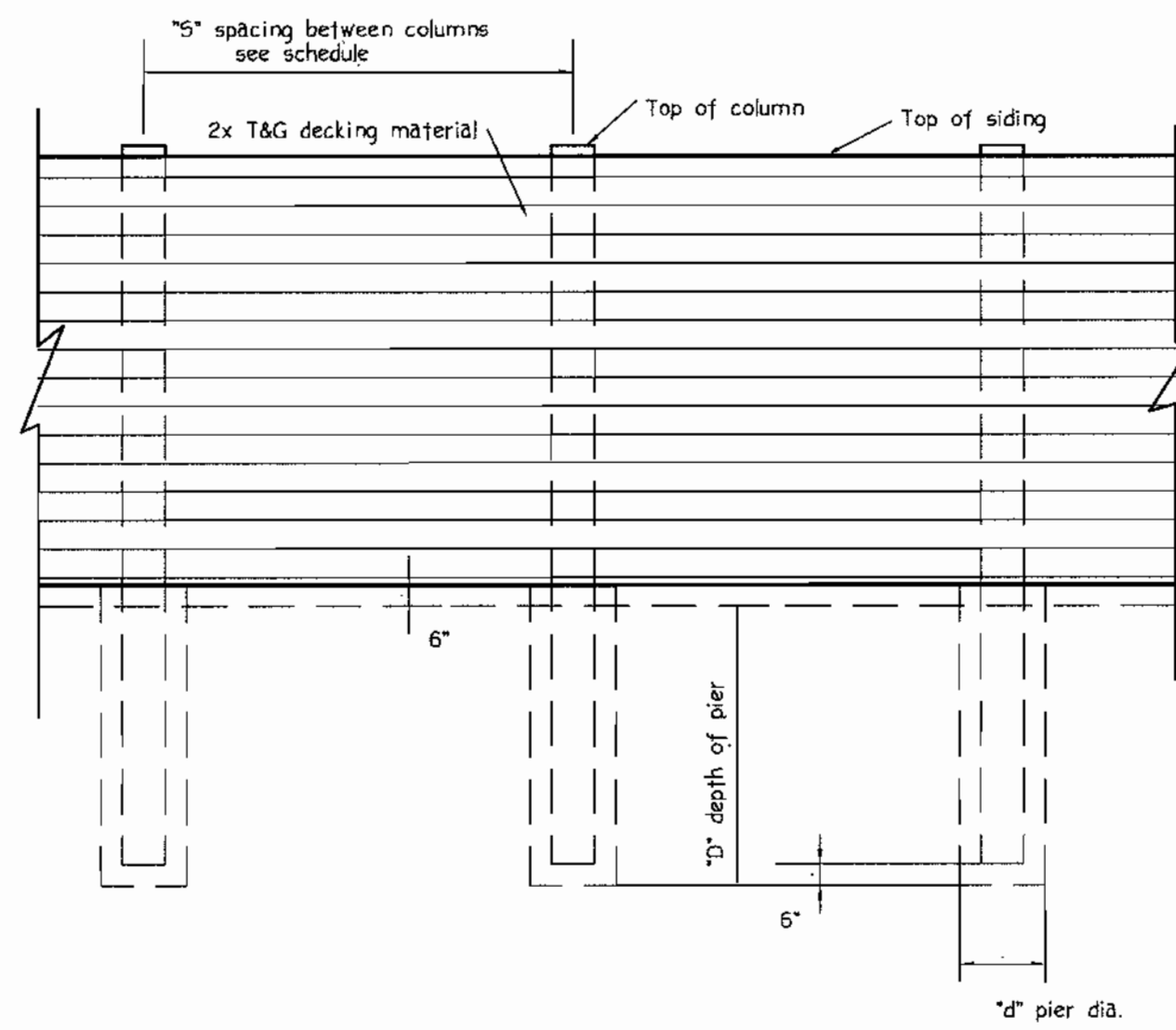
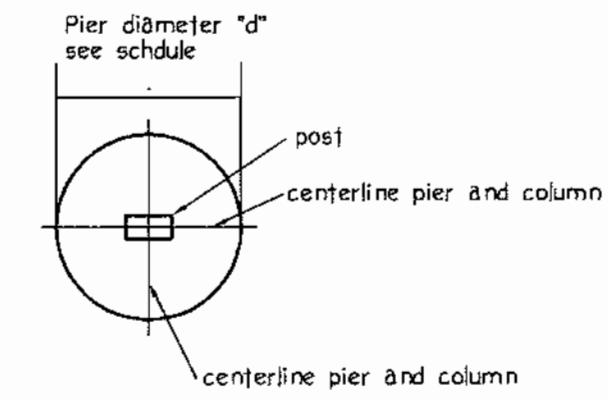
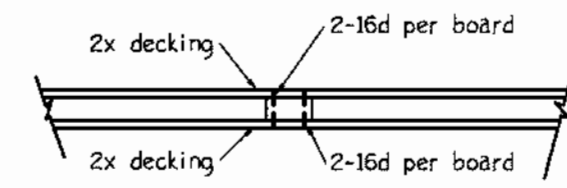
Michael J. ...
Chief, Development Engineering Division
Date: 7/19/01

SITE DEVELOPMENT PLAN NOTES AND DETAILS			
SEDIMENT AND EROSION CONTROL PLAN AND LANDSCAPE PLAN			
SINGLE FAMILY DETACHED DWELLING			
ZEIGLER PROPERTY LOT 3			
DEED	BLOCK NO.	ZONE	TAX/ZONE
14814	17	R-20	17
WATER CODE	SEWER CODE	ELEC. DIST.	CENSUS TR.
71W		32S	602200
TAX MAP 17 GRID 16		PARCEL NO. 64	
SECOND ELECTION DISTRICT		HOWARD CO. MD.	
SCALE 1\"/>			
SHEET 1 OF 2			

- NOTES**
- GENERAL**
 - Height of barrier shall be based on acoustic requirements.
 - Barrier walls shall have a height not indicated in the tables shall be constructed as shown in the next higher category.
 - SIDING**
 - 2x wood decking material shall be utilized to span horizontally between posts. Design criteria is based on an allowable bending stress of 1400 lbs. per sq. in. and a 33 1/3 % increase in stress for wind loads as considered appropriate. Decking shall be MC15.
 - Siding in contact with the ground and for a distance of six inches above grade shall be treated with wood preservative.
 - POST**
 - Wood post shall be utilized at the spacing indicated on the schedule. Design criteria is based on an allowable bending stress of 1400 lbs. per sq. in. and a 33 1/3 % increase for wind loadings.
 - Post embedded in concrete shall be treated with a wood preservative in the area of embedment and 12" above grade.
 - CONCRETE**
 - Concrete in piers shall have a 28 day compressive strength of 2500 lbs. per sq. in.
 - Concrete shall be placed in drilled piers utilizing earth as the forms.
 - FOUNDATIONS**
 - The drilled piers have been designed utilizing an allowable passive pressure of 300 lbs. per sq. in. and the following formula:

$$D = \frac{(14.52m)}{1/3} \sqrt{\frac{M}{P}}$$

D = Diameter of pier (ft.)
 M = Moment at top of drilled pier (ft./lbs.)
 P = Allowable passive pressure (300 lbs. per sq. in.)
 d = Depth of pier (ft.)



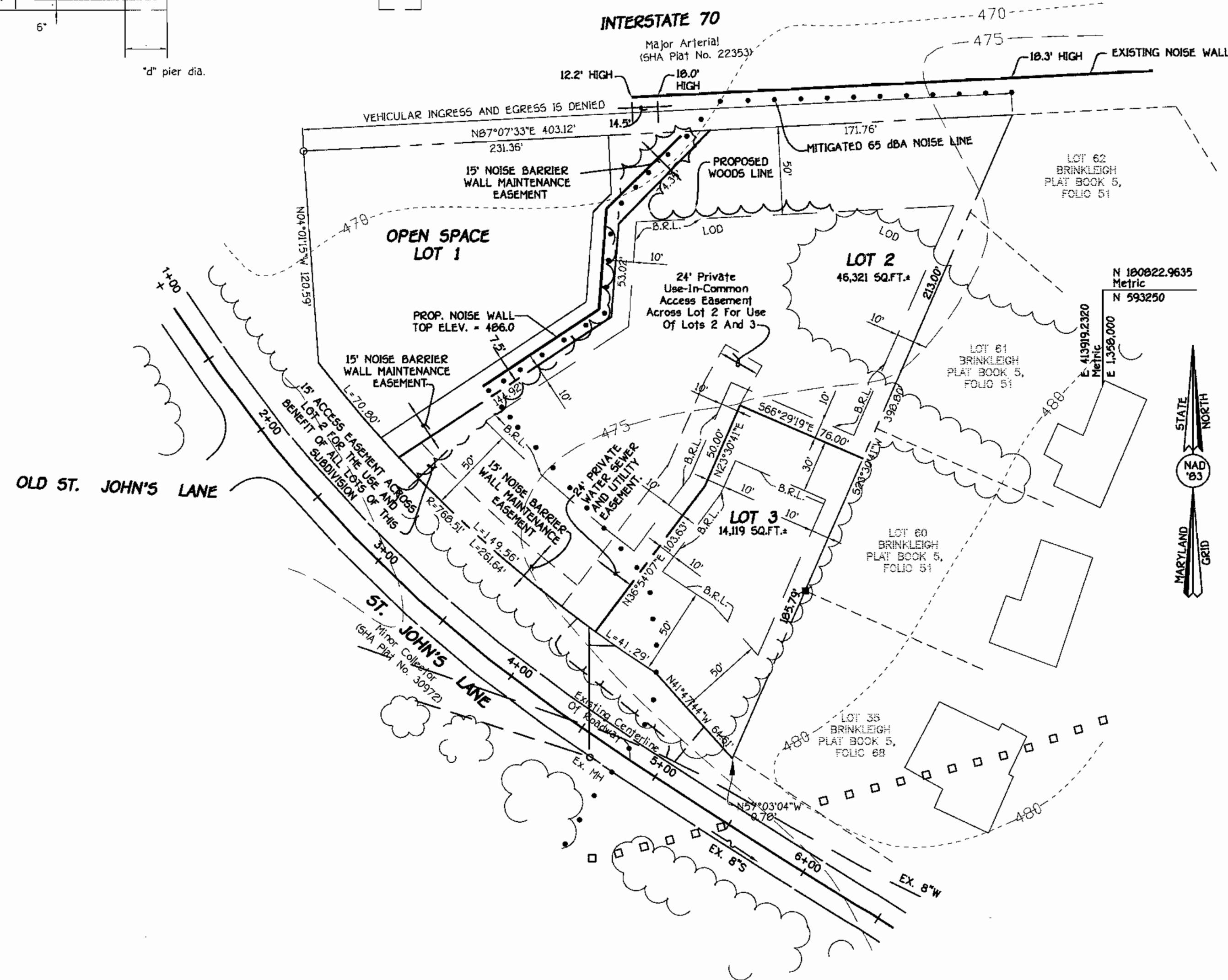
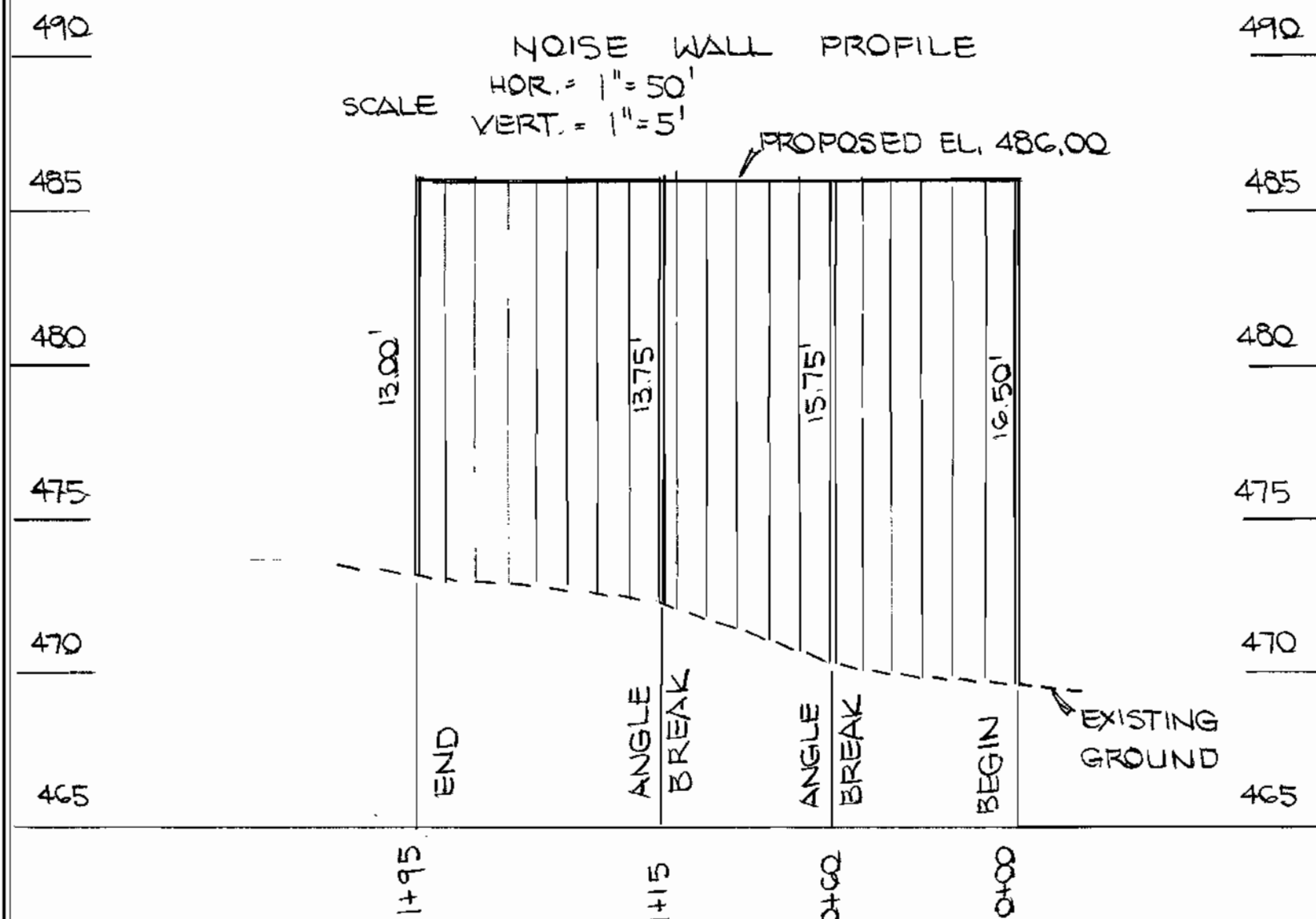
SCHEDULE				
40' s.f. horizontal loading				
H	S	D	d	Post Size
5'	8'	6'	12"	4"x8"
10'	8'	8'	18"	6"x12"
15'	8'	10'	24"	8"x16"
20'	8'	10'	30"	10"x16"

Approved: Department Of Planning And Zoning

[Signature] 9/7/01 Date
 Director, Department of Planning and Zoning

[Signature] 9/4/01 Date
 Chief, Division of Land Development

[Signature] 8/31/01 Date
 Chief, Development Engineering Division



SITE DEVELOPMENT PLAN
NOISE WALL NOTES AND DETAILS
ZEIGLER PROPERTY - LOT 3

TAX MAP 17 GRID 16 PARCEL 64
 THIRD ELECTION DISTRICT HOWARD COUNTY MD
 SCALE AS SHOWN AUGUST 2001
 SHEET 2 OF 2

OWNER
 DORSEY FAMILY HOMES
 9929 CYPRESSMEDE
 DRIVE
 ELLICOTT CITY, MD 21042

