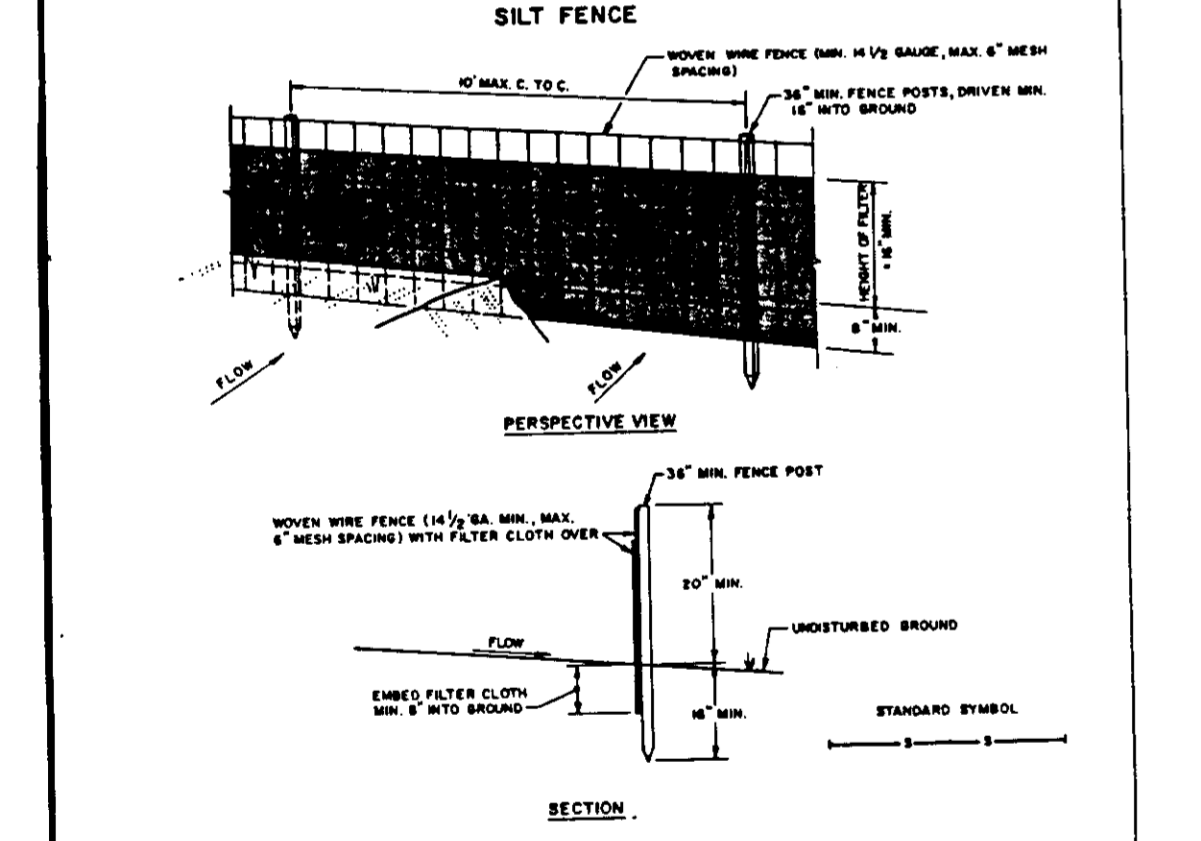


CONSTRUCTION SPECIFICATIONS

- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
- Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
- Surface Water - All surface water flowing or diverted toward construction entrance shall be piped across the entrance. If piping is impractical, a mountable berm with 3:1 slopes will be permitted.
- 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 conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- Washing - Washes shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
College Park, Md.

STABILIZED CONSTRUCTION ENTRANCE
Standard Drawing
S-12



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" at top and mid section.
- When no sections of filter cloth remain, sections shall be overlapped by six inches and folded.
- Maintenance shall be performed as needed and material replaced when needed to develop in the silt fence.

POSTS: STEEL EITHER T OR U TYPE OR WOOD

FENCE: WOVEN WIRE, 1/2" GA. 8" MAX. MESH OPENING

FILTER CLOTH: FILTER X TRAFFIC ONLY, STAIN-LINK LESTER OR APPROVED EQUAL

PREFABRICATED UNIT: GEOTEX, DUTCHMAN, OR APPROVED EQUAL

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE.
BYOND DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE: 7-18-89

DATE: 9-21-89

DATE: 7-8-89

DATE: 9-8-89

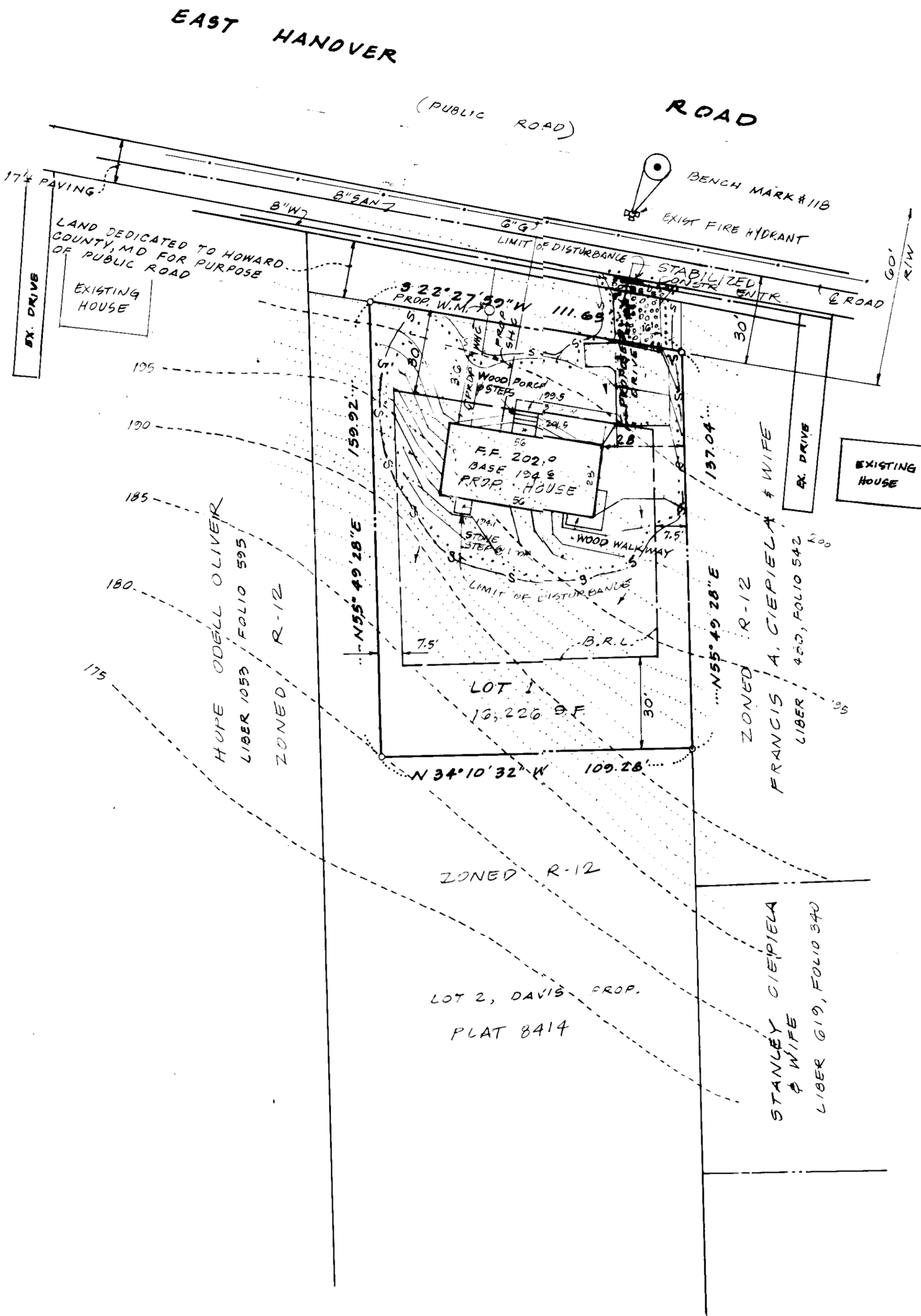
LOT NUMBER	STREET ADDRESS
LOT 1	8025 EAST HANOVER ROAD

REVIEWED FOR HOWARD SOIL CONSERVATION AND MEETS TECHNICAL REQUIREMENTS:

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

DATE: 9/18/89

DATE: 9/18/89



SEDIMENT CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permit prior to the start of any construction. (92A-247)
- All construction and structural operations are to be installed according to the provisions of this plan and are to be in accordance with the 1983 HANOVER STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following initial soil disturbance or reconstruction, placement of temporary stabilization shall be completed within 47 calendar days for all permanent sediment control structures, silt, sediment slopes and all slopes greater than 2:1, 14 days for all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 32, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 HANOVER STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 21) and mulching (Sec. 21). Temporary stabilization with which slope shall be done using recommended seeding rates do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permanent erosion control has been obtained from the Howard County Sediment Control Inspector.

TEMPORARY 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, disking or other acceptable means before seeding, if not previously loosened.
- Soil Amendments: Use of soil test recommendations, use one of the following:
 - Seeded - Apply 2 tons per acre dolomitic limestone (92 lb/1000 sq ft) and 60 lb per acre 10-10-10 fertilizer (14 lb/1000 sq ft) before seeding. Narrow or broadcast into upper three inches of soil. At time of seeding, apply 400 lb per acre 30-0-0 ureaform fertilizer (1 lb/1000 sq ft).
 - Acceptable - Apply 2 tons per acre dolomitic limestone (92 lb/1000 sq ft) and 100 lb per acre 10-10-10 fertilizer (21 lb/1000 sq ft) before seeding. Narrow or broadcast into upper three inches of soil.

SEEDING

- For the periods March 1 thru April 30, and August 1 thru October 15, seed with 20 lb per acre (1.1 lb/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 10 lb Kentucky 31 Tall Fescue per acre (0.5 lb/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, protect site by Option (1) 2 tons per acre dolomitic limestone and seed as soon as possible in the spring, Option (2) Use seed. Option (3) Seed with 60 lb/acre Kentucky 31 Tall Fescue and seed as soon as possible in the spring, or use seed.
- Mulching - Apply 1 1/2 to 2 tons per acre (70 to 80 lb/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 20 gal per acre (8 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8:1 or higher, use 140 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, disking or other acceptable means before seeding, if not previously loosened.
- Soil Amendments: - Apply 60 lb per acre 10-10-10 fertilizer (14 lb/1000 sq ft).
- Seeding - For periods March 1 thru April 30 and from August 15 thru October 15, seed with 20 lb/acre of weeping lovegrass. For the period May 1 thru August 14, seed with 3 lb per acre of weeping lovegrass (0.7 lb/1000 sq ft). For the period however is 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 seed.
- Mulching - Apply 1 1/2 to 2 tons per acre (70 to 80 lb/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 20 gal per acre (8 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8:1 or higher, use 140 gal per acre (8 gal/1000 sq ft) for anchoring.

SEQUENCE OF CONSTRUCTION

- APPLY FOR PERMIT FROM HOWARD COUNTY.
- OBTAIN GRADING PERMIT FROM HOWARD COUNTY.
- INSTALL SILT FENCE, STABILIZED CONSTRUCTION ENTRANCE.
- GRADE SITE, STABILIZE DISTURBED AREAS IN ACCORDANCE WITH SEEDING SCHEDULE.
- CONSTRUCT HOUSE, PAVE DRIVE, SIDEWALK, ETC.
- STABILIZE ALL DISTURBED AREAS WITH PERMANENT SEEDING OR SOD.
- REMOVE SEDIMENT CONTROL DEVICES AFTER APPROVAL BY HOWARD COUNTY.

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY STANDARD SPECIFICATIONS & DETAILS FOR CONSTRUCTION.
- WATER HOUSE SERVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 204 - JAN 1983 DESIGN MANUAL.
- SEWER HOUSE CONNECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 100B - JAN 1983 DESIGN MANUAL.



OWNER: GEORGE H. BARRANGER
4306 CROSS COUNTRY DR.
ELICOTT CITY, MD. 21043
(301) 465-4965

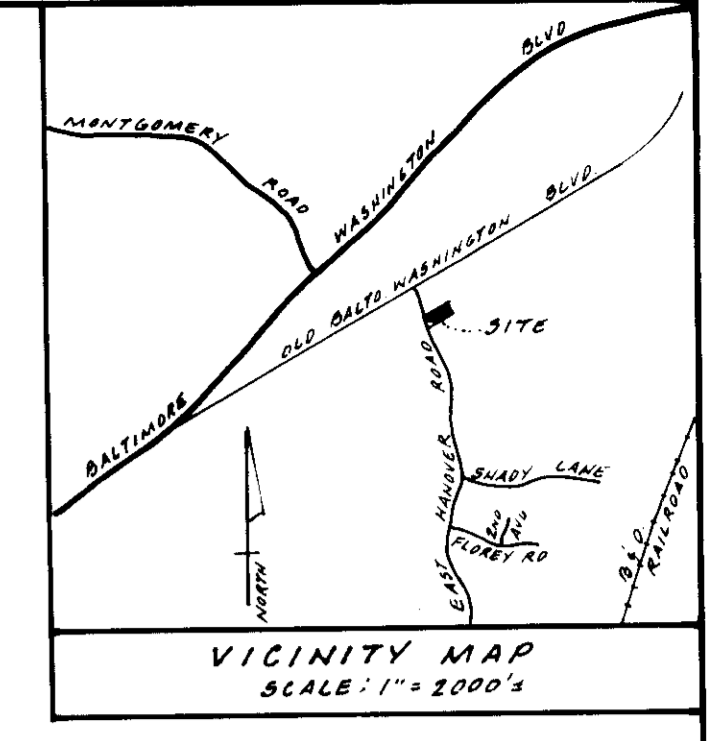
"I certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a certificate of attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."

DATE: 7-7-89

DATE: 5-2-89

"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."

DATE: 5-2-89



SEDIMENT CONTROL NOTES

- OBTAIN GRADING PERMIT FROM HOWARD COUNTY.
- EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED AS SHOWN ON THIS PLAN AND IN ACCORDANCE WITH "STANDARDS AND SPECIFICATIONS FOR SOIL AND SEDIMENT CONTROL IN DEVELOPING AREAS".
- LOCATION OF SEDIMENT CONTROL DEVICES ARE APPROXIMATE AND SHALL MEET FIELD CONDITIONS.
- ADDITIONAL SEDIMENT CONTROL MEASURES MAY BE REQUIRED BY CHANGING FIELD CONDITIONS, SUBJECT TO APPROVAL OF THE SEDIMENT CONTROL INSPECTOR.
- ALL FILLS SHALL BE BERMED AT TOP AFTER EACH WORKING DAY. ALL SLOPES SHALL BE LEFT TOUGH TO PREVENT UNDESIRABLE EROSION UNTILL READY TO STABILIZE.
- PERMANENT SLOPES SHALL NOT EXCEED 2:1 SLOPE.
- SITE ANALYSIS: TOTAL AREA OF SITE - 0.37 ACRES
AREA DISTURBED - 0.11 ACRES
SOILS 6E - SASSAFRAB, THERE ARE NO WET SOILS ON THIS SITE.
- TEMPORARY SEEDING - ANY DISTURBED AREA LEFT IDLE FOR MORE THAN 30 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS: FOR PERIODS MARCH 1 THRU APRIL 30, AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 1 1/2 BUSHELS PER ACRE (3.2 LBS/1000 SQ FT) OF ANNUAL RYE FOR THE PERIOD MAY 1 THRU AUGUST 24, SEED WITH 3 LBS/ACRE (0.07 LBS/1000 SQ FT) OF WEEPING LOVEGRASS.
- PERMANENT SEEDING:
A. SPREAD 4" TOPSOIL
B. APPLY 100 LBS 20-10-10 FERTILIZER/ACRE
C. SEED WITH 60 LB/ACRE KENTUCKY 31 TALL FESCUE
- SOD, IF USED, SHALL BE MARYLAND OR VIRGINIA STATE "CERTIFIED" OR "APPROVED" SOD.

SEDIMENT CONTROL CONSTRUCTION SEQUENCE

- CONTRACTOR SHALL CONTACT HOWARD COUNTY INSPECTION AND SOIL CONSERVATION DISTRICT (460-3180) A MINIMUM OF 48 HOURS BEFORE STARTING ANY GRADING OR CONSTRUCTION.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE AND SILT FENCE.
- GRADE SITE.
- CONSTRUCT HOUSE, PAVE DRIVE, SIDEWALK, ETC.
- STABILIZE ALL DISTURBED AREAS WITH PERMANENT SEEDING OR SOD, REMOVE SILT FENCE.

SITE DEVELOPMENT NOTES

- PROPERTY:
A. TAX MAP #38, PARCEL 184
B. DEED REFERENCE: 1941-498
C. RECORD PLAT: 8414-F802
- SITE ANALYSIS:
A. TOTAL AREA OF LOT: 16,226 S.F. - 0.373 ACRES
B. PRESENT ZONING: R-12
C. PROPOSED USE: SINGLE FAMILY HOME.
D. TOTAL AREA OF HOUSE: 1568 S.F.
E. PARKING: REQUIRED 2 SPACES, PROVIDED 2 SPACES
- BENCH MARK #118 FIRE HYDRANT SOUTH SIDE E. HANOVER ROAD (OPPOSITE SITE) - ROAD SIDE BONNET BOLT - EL. 199.23
- COORDINATES BASED ON HOWARD COUNTY GEODETIC STATIONS: 2647006 & 2647005.
- CONSTRUCTION:
A. CALL NBS UTILITY 24 HOURS PRIOR TO STARTING ANY CONSTRUCTION.
B. ALL DAMAGES TO PUBLIC R/W AREA SHALL BE REPAIRED AT DEVELOPER'S EXPENSE.
C. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST HOWARD COUNTY STANDARD SPECIFICATIONS.
D. STORM WATER MANAGEMENT WAIVER APPLIED FOR LOT 1 & 15 SITE OF A HOUSE CALLED FOR.

SUBDIVISION NAME		SECT./AREA	LOT/PARCEL #
DAVIS PROPERTY			LOT 1
PLAT # OR LOT BLOCK #	ZONE	TAX/USE MAP	ELC. DIST.
8414 9	R-12	38	1
WATER CODE		SEWER CODE	
A-04		2090000	

SITE PLAN
DAVIS PROPERTY LOT 1
PLAT No. 8414

Election District No. 1
Howard County, Maryland
TAX MAP 38 PARCEL 184
Scale: 1" = 30'

April 17, 1989
PER COUNTY COMMISSIONERS

SHEET 1 of 1

prepared by:
H. MALMUD & ASSOCIATES, INC.
100 CHASE LANE
BALTIMORE, MARYLAND 21208
Telephone (301) 653-9511

SDP-89-235