

HOWARD SOIL CONSERVATION DISTRICT  
STANDARD SEDIMENT CONTROL NOTES

- A minimum of 48 hours notice must be given to the Howard County Department of Inspection, Planning and Control Division prior to the start of any construction (11-1-1995).
- All vegetation to be removed shall be installed according to the provisions of this plan and shall be in conformance with the most current "MATERIALS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" and revisions thereto.
- Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within 7 calendar days for all perimeter sediment control structures, fences, perimeter slopes and all slopes greater than 3:1 or 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 7, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL (Section C) for permanent seeding, sod, temporary seeding, and mulching. Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grass.
- 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.
- Site Analysis:
 

Total Area of Site	0.37	Acres
Area Disturbed	0.26	Acres
Area to be roofed or paved	0.17	Acres
Area to be vegetatively stabilized	0.10	Acres
Total C.U.	130	Cu. Yds.
Total F.U.	130	Cu. Yds.
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance. Additional sediment control must be provided if deemed necessary by the Howard County Sediment Control Inspector.
- 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 site grading approvals may not be authorized until this initial approval by the inspection agency is made.
- Trenches for the construction of utilities is limited to three pipe lengths or that which can be back filled and stabilized within one working day, whichever is shorter.

11.4. STABILIZED CONSTRUCTION ENTRANCE

FOR  
TRENCH  
DRAINAGE

Details

For site being disturbed over 5 acres:

- On-site grading operations shall be completed within 7 calendar days of the start of any construction (11-1-1995).
- All for roads shall be between 6.0 and 7.5. The road shall be constructed a 2:1 slope and shall be between 6.0 and 7.5. The road shall be constructed a 2:1 slope and shall be between 6.0 and 7.5.
- Optimal amount of gravel shall be not less than 1.5 percent by weight.
- Gravel having suitable moisture content shall be used.
- Gravel shall be placed on a subgrade which has been treated with a minimum of 2% cement and shall be compacted to a minimum of 95% relative compaction.
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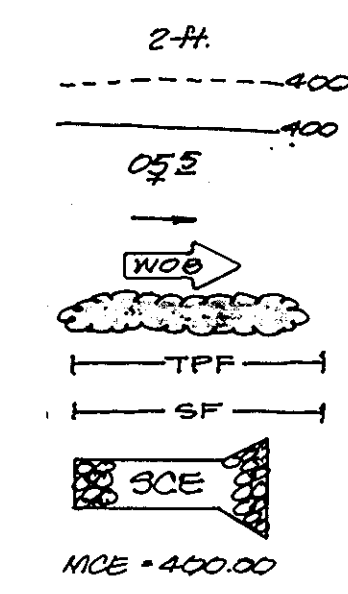
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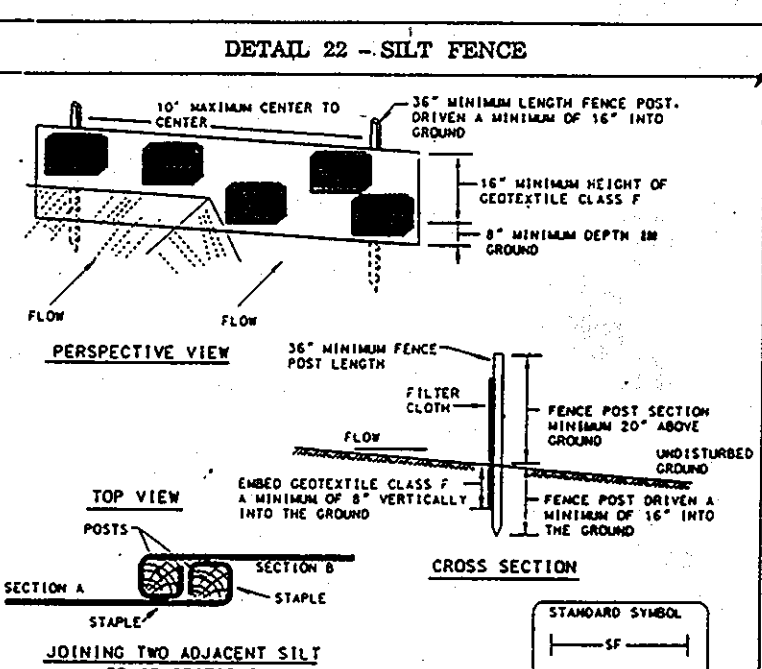
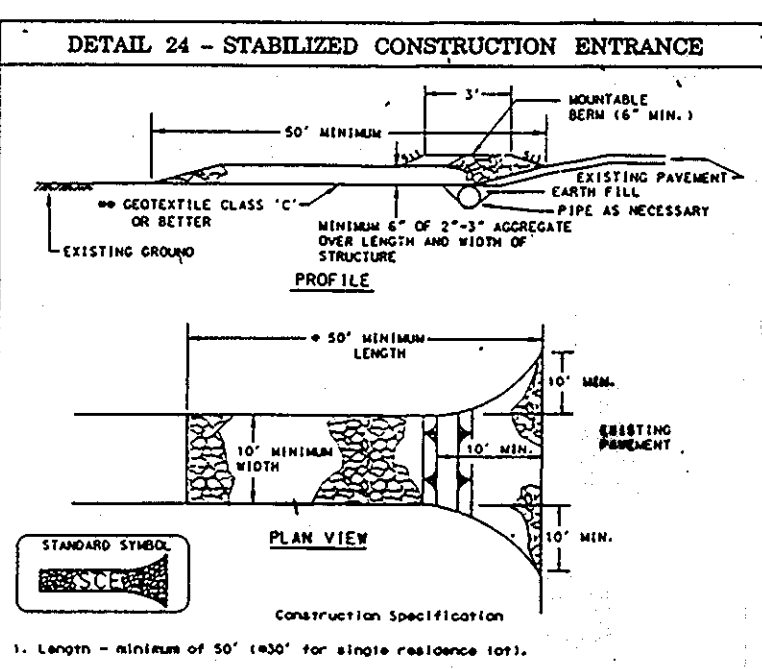
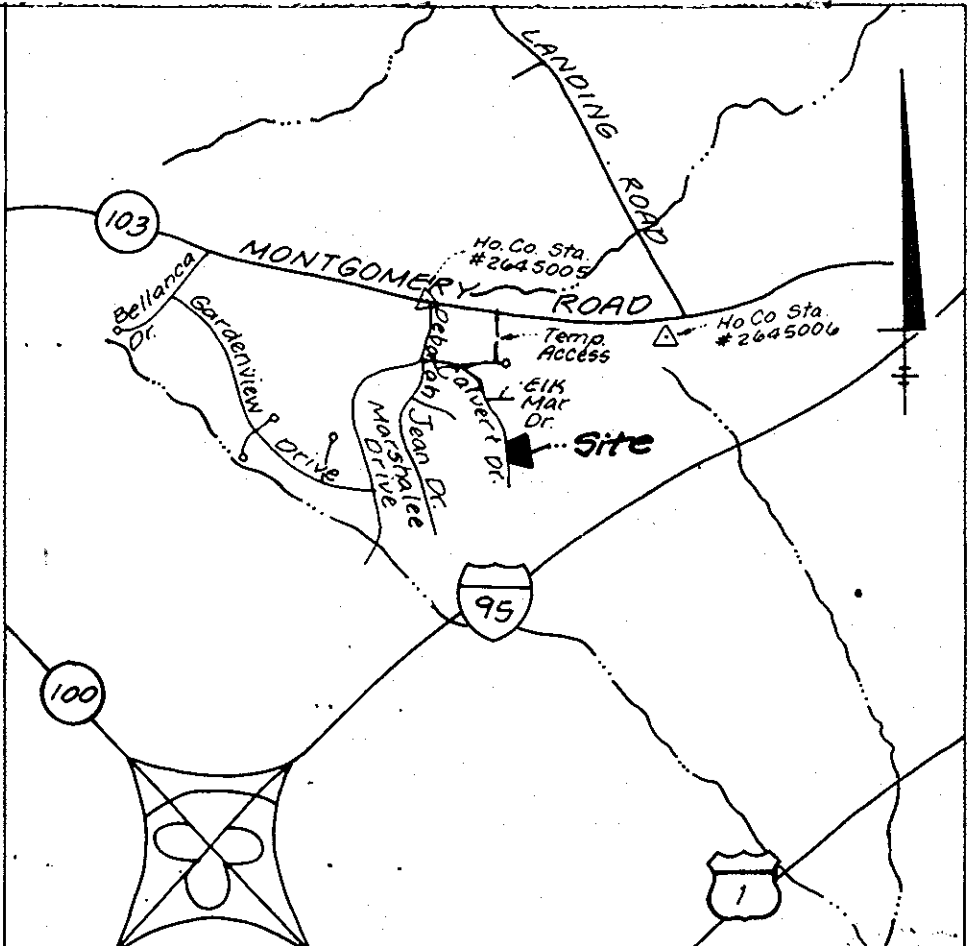
Legend:

- Contour Interval
- Existing Contour
- Proposed Contour
- Spot Elevation
- Direction of Drainage
- Walk-out Basement
- Trees to be Saved
- Tree Protection Fence
- Silt Fence
- Stabilized Construction Entrance
- Minimum Cellar Elev.



BENCH MARKS:

- HO. CO. MON. # 2645005 ELEV. 291.929  
Concrete Monument 0.3ft. below surface  
at top of bank.
- HO. CO. MON. # 2645006 ELEV. N/A  
Concrete Monument 0.2ft. below surface  
at top of bank.



HOWARD SOIL CONSERVATION DISTRICT  
PERMANENT SEEDING NOTES

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

SEEDING PREPARATION: Loosen upper three inches of soil by raking, disking 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 (82 lbs/1000sq ft) before seeding. Apply 1/2 ton per acre (41 lbs/1000sq ft) of 10-10-10 fertilizer (14 lbs/1000sq ft) before seeding. Apply 1/2 ton per acre (41 lbs/1000sq ft) of 10-10-10 fertilizer (14 lbs/1000sq ft) before seeding.

2) ACCEPTABLE - Apply 1/2 ton per acre (41 lbs/1000sq ft) of 10-10-10 fertilizer (14 lbs/1000sq ft) before seeding. Apply 1/2 ton per acre (41 lbs/1000sq ft) of 10-10-10 fertilizer (14 lbs/1000sq ft) before seeding.

SEEDING: For the period March 1 thru April 30, and August 1 thru October 15, seed with 40 lbs per acre (14 lbs/1000sq ft) of Kentucky 31 Tall Fescue and 2 lbs per acre (0.7 lbs/1000sq ft) of creeping timothy. During the period of May 1 thru August 15, seed with 3 lbs per acre (1.1 lbs/1000sq ft) of creeping timothy and 1 lb per acre (0.35 lbs/1000sq ft) of annual ryegrass. During the period of September 1 thru February 28, seed with 2 lbs per acre (0.7 lbs/1000sq ft) of annual ryegrass and 1 lb per acre (0.35 lbs/1000sq ft) of creeping timothy.

MULCHING: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000sq ft) of immediately after application using fresh, undisturbed soil. Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000sq ft) of immediately after application using fresh, undisturbed soil.

MAINTENANCE: Inspect of seeding areas and make needed repairs, replacements and reseeding.

TEMPORARY SEEDING NOTES

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

SEEDING PREPARATION: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding. If not previously loosened.

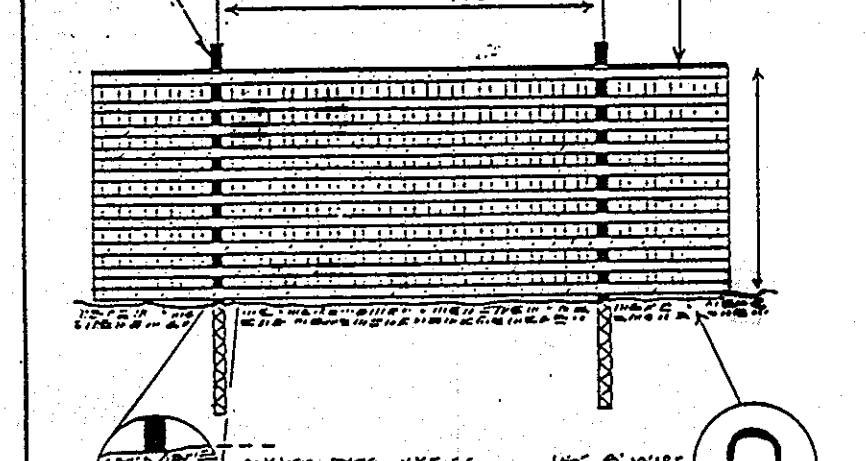
SOIL AMENDMENTS: Apply 200 lbs per acre (70 lbs/1000sq ft) of 10-10-10 fertilizer (14 lbs/1000sq ft) before seeding.

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Refer to the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for additional rates and maintenance instructions.

Blaze Orange Plastic Mesh



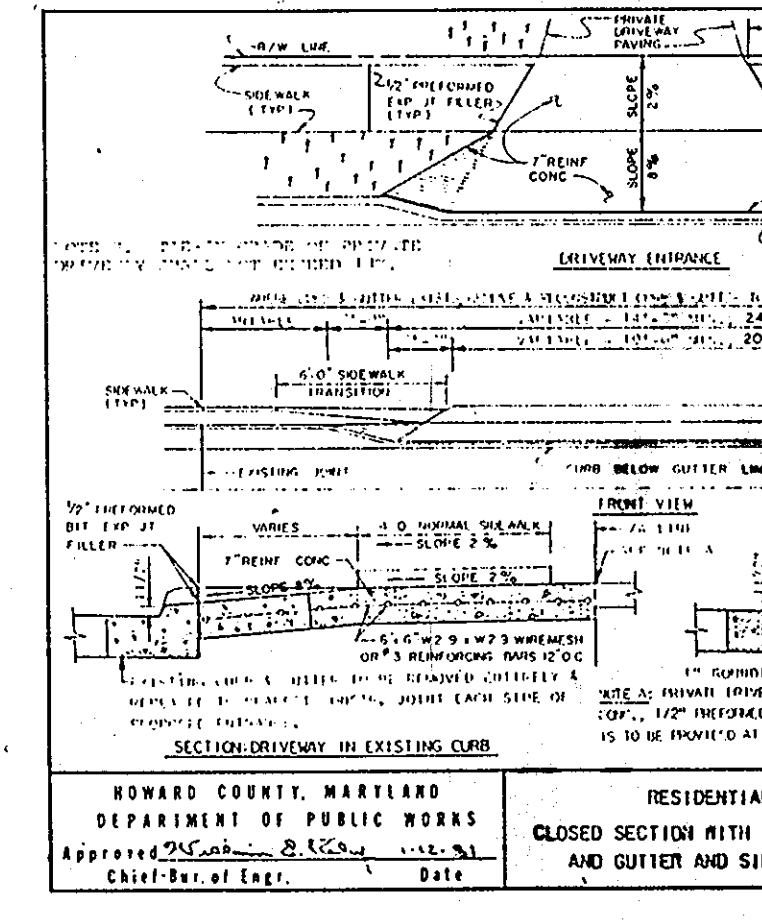
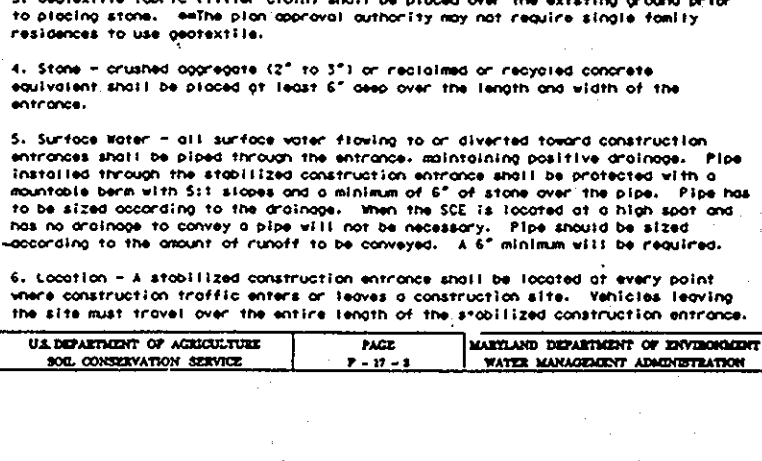
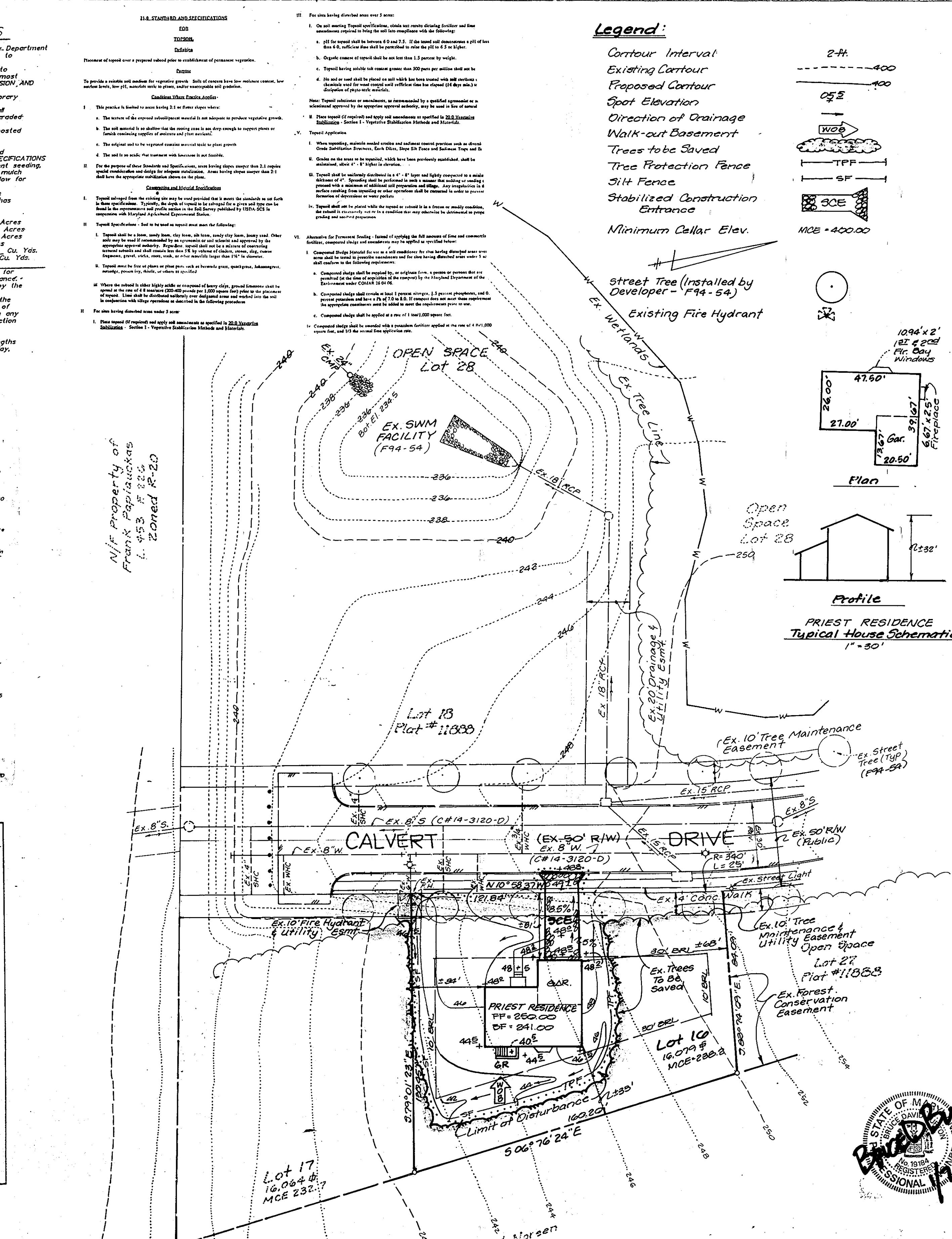
Notes: 1. Forest Protection Device Only. 2. Maximum Area shall be 100 sq ft. 3. Maximum Length shall be 100 ft. 4. Maximum Width shall be 10 ft. 5. Maximum Height shall be 4 ft. 6. Device should be maintained throughout construction.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Director: [Signature] DATE: 11/3/98

Chief, Division of Land Development: [Signature] DATE: 11/5/98

Chief, Development Engineering Division: [Signature] DATE: 11/4/98



CONSTRUCTION SEQUENCE:

- Obtain Grading Permit (1 day)
  - Construct stabilized construction entrance (1 day)
  - Install silt fence at limit of disturbance as shown hereon (1 day)
  - Clear and grub site to subgrade (5 days)
  - Begin excavation for house foundation and begin house construction. Install individual house connections (60 days)
  - The Contractor shall inspect and provide necessary maintenance on the sediment and erosion control structures shown hereon after each rainfall and on a daily basis.
  - Remove sediment from Calvert Drive and dress stabilized construction entrance as required (daily maintenance)
  - Final grade site and stabilize with permanent seeding mixture and straw mulch. Install individual driveway and house walk (10 days)
  - Remove silt fence and tree protection fence and stabilize disturbed area with permanent seeding mixture and straw mulch (5 days)
- TOTAL TIME: 88 days

SPECIAL NOTE:

This plan is for house siting and lot grading only. Improvements shown within the rights-of-way of this SDP are not to be used for construction. For construction, see approved Water and Sewer Plans Contract No. 14-3120-0

ENGINEER'S CERTIFICATE

"I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. I WAS PREPARED IN ACCORDANCE WITH REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

Signature: Bruce D. [Signature] DATE: 1/7/98

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS 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. ALSO, I/AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

Signature: [Signature] DATE: 4/6/97

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS.

Signature: [Signature] DATE: 1/22/98

Signature: [Signature] DATE: 1/12/98

GENERAL NOTES:

- SUBJECT PROPERTY IS ZONED R-20 PER 10-18-93 COMPREHENSIVE ZONING PLAN.
- THE TOTAL AREA INCLUDED IN THIS SUBMISSION IS: 0.37 Ac. ±
- THE TOTAL NUMBER OF LOTS INCLUDED IN THIS SUBMISSION IS: 1
- IMPROVEMENT TO PROPERTY: SINGLE FAMILY DETACHED HOME
- DEPARTMENT OF PLANNING AND ZONING REFERENCE FILE NUMBERS ARE: F94-54, 589-56, P89-78, W92-149
- UTILITIES SHOWN AS EXISTING ARE TAKEN FROM APPROVED WATER AND SEWER PLANS CONTRACT NO. 14-3120-0
- ANY DAMAGE TO COUNTY OWNED RIGHTS-OF-WAY SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT CONSTRUCTION INSPECTION DIVISION (410) 31-1880 AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST PRIOR-THREE (3) HOURS PRIOR TO ANY EXCAVATION WORK.
- FOR DRIVEWAY ENTRANCE DETAILS, REFER TO HOWARD COUNTY DESIGN MANUAL, VOLUME IV STANDARD DETAIL R6.01 (THIS OFFICE).
- IN ACCORDANCE WITH SECTIONS 12B.A.1.B AND C OF THE ZONING REGULATIONS, ANY WINDOWS OR CHIMNEYS ARE REQUIRED TO BE MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACKS; PORCHES AND DECKS MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR SETBACKS.
- The coordinates shown hereon are based on the Maryland State Grid System (MAD 27).
- The existing topography shown is taken from final plans (F94-54), prepared by Gutschick, Little & Weber dated 1/96.
- Street Trees/Landscaping shall be provided by the Owner, Brantly Development Group Inc. per the approved Road Construction Drawings F94-54.

Address Chart

Lot	Street Address
16	7075 Calvert Drive

SUBDIVISION NAME	CALVERT RIDGE	SECTION/AREA	Parcel No.
PLAT NO.	BLOCK NO.	ZONE	TAX MAP NO.
110R1188B	12	R-20	37
ELECTION DISTRICT	CENSUS TRACT		
1 st	6011.01		
WATER CODE	004	SEWER CODE	2152700

LDE, INC.

9250 Rumsey Road, Suite 106, Columbia, MD. 21045  
(410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)

SITE DEVELOPMENT PLAN

DESIGNED	BB	SCALE	1" = 30'
DRAWN	BEI	DRAWING	1 OF 1
CHECKED	BB	JOB NO.	96-06A.1
DATE	Nov. 1997	FILE NO.	SDP 98-55

REVISIONS

NO.	DATE	DESCRIPTION