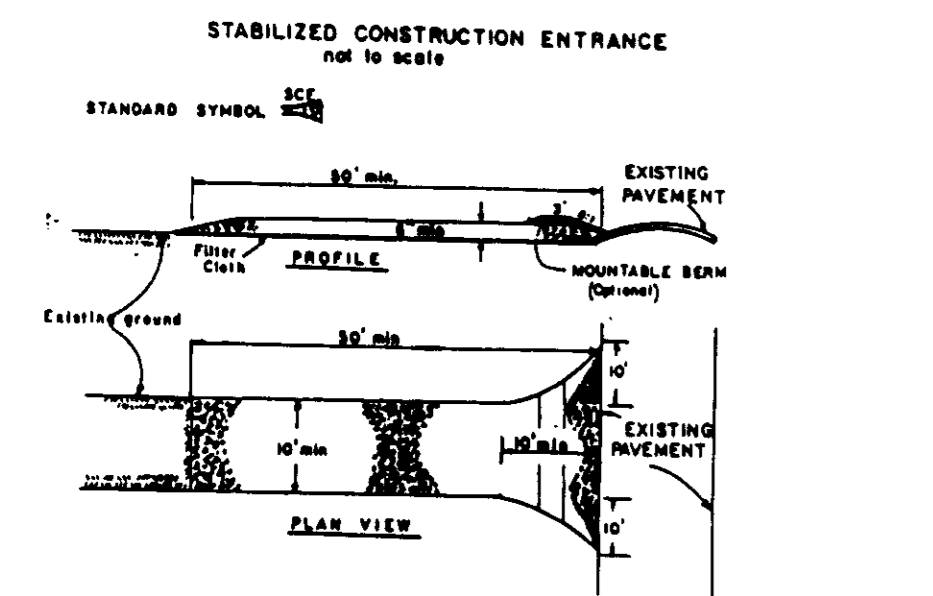


- ANCHORING DETAIL INSTRUCTIONS**
- Bales shall be placed at the toe of a slope or on the contour and in a non-way that is tightly abutting the adjacent bales.
  - Each bale shall be positioned in the soil a minimum of (8) inches, and placed so the bedding is horizontal.
  - Bales shall be securely anchored in place by either two stages or rebar driven through the bale. The first stage in each bale shall be driven toward the previously laid bale or an area to force the bales together. Stages shall be driven flush with the bale.
  - Inspection shall be provided and repair replacement shall be made promptly as needed.
  - Bales shall be removed when they have reached their usefulness so as not to block or impede storm flow or drainage.



- CONSTRUCTION SPECIFICATIONS**
- Stone size - No. 27 stone, or equivalent or crushed concrete equivalent, as required, but not less than 10 mesh except on a stone retaining wall.
  - Width - Not less than 48 inches.
  - Height - Not less than 18 inches.
  - Finish - Smooth, finished, and compacted to a depth of 1/2 inch below the surface.
  - Drainage - The entrance shall be constructed so as to provide for drainage of water from the driveway.
  - Retention - The entrance shall be constructed so as to provide for retention of sediment.
  - Stabilization - The entrance shall be stabilized with a minimum of 2 inches of seed and mulch.
  - Sealing - The entrance shall be sealed with a minimum of 2 inches of seed and mulch.
  - Inspection - Inspection and record maintenance shall be provided after each step.

**TEMPORARY SEEDING NOTES**

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

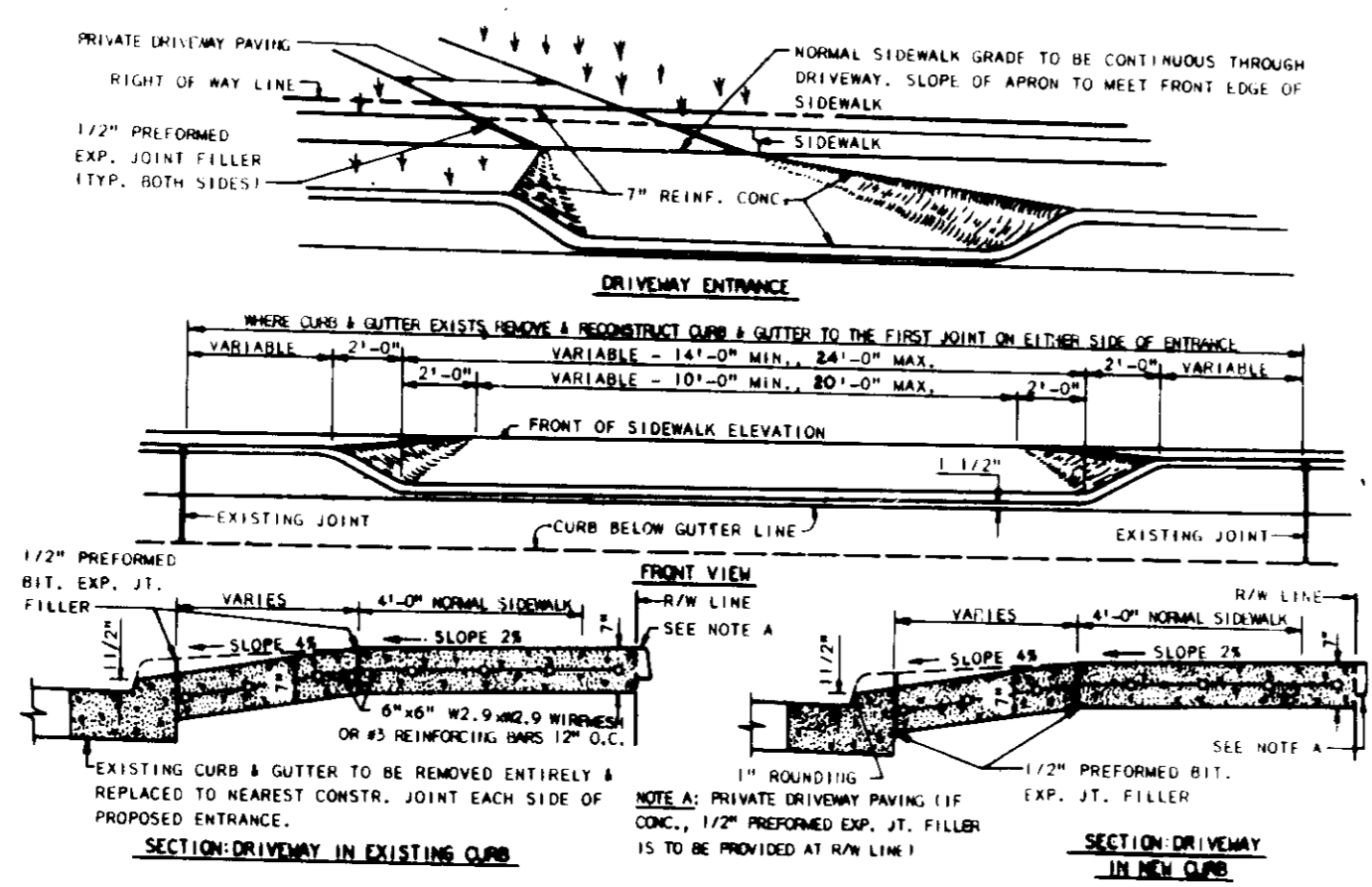
- Soil Preparation:** Loosen upper three inches of soil by raking, disking or other acceptable means before seeding.
- Soil Amendments:** In lieu of soil test recommendations, use one of the following schedules:
- Preferred - Apply 2 tons per acre delimitic limestone (92 lb/1000 sq ft) and 400 lb per acre 10-10-10 fertilizer (14 lb/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil. At time of seeding, apply 400 lb per acre 30-0-0 ureaform fertilizer (9 lb/1000 sq ft).
  - Alternative - Apply 2 tons per acre delimitic limestone (92 lb/1000 sq ft) and 1000 lb per acre 10-10-10 fertilizer (23 lb/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil.

- Seeding:** For periods March 1 thru April 30, and August 1 thru October 15, seed with 1 lb per acre (1.4 lb/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lb Kentucky 31 Tall Fescue per acre and 2 lb per acre 20-20-20 fertilizer. During the period of October 15 thru February 15, seed with 60 lb Kentucky 31 Tall Fescue per acre and 2 lb per acre 20-20-20 fertilizer. For the period February 15 thru April 30, seed with 60 lb Kentucky 31 Tall Fescue per acre and 2 lb per acre 20-20-20 fertilizer.
- Mulching:** Apply 1/2 to 2 tons per acre (70 to 90 lb/1000 sq ft) of untreated small grade straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2 1/2 gal per acre (5 gal/1000 sq ft) of undiluted asphalt on flat areas. On slopes 4 ft or higher, use 3 1/2 gal per acre (8 gal/1000 sq ft) for anchoring.
- Watering:** Inspect all seeded areas and make needed repairs, replacements and reseedings.

**TEMPORARY SEEDING NOTES**

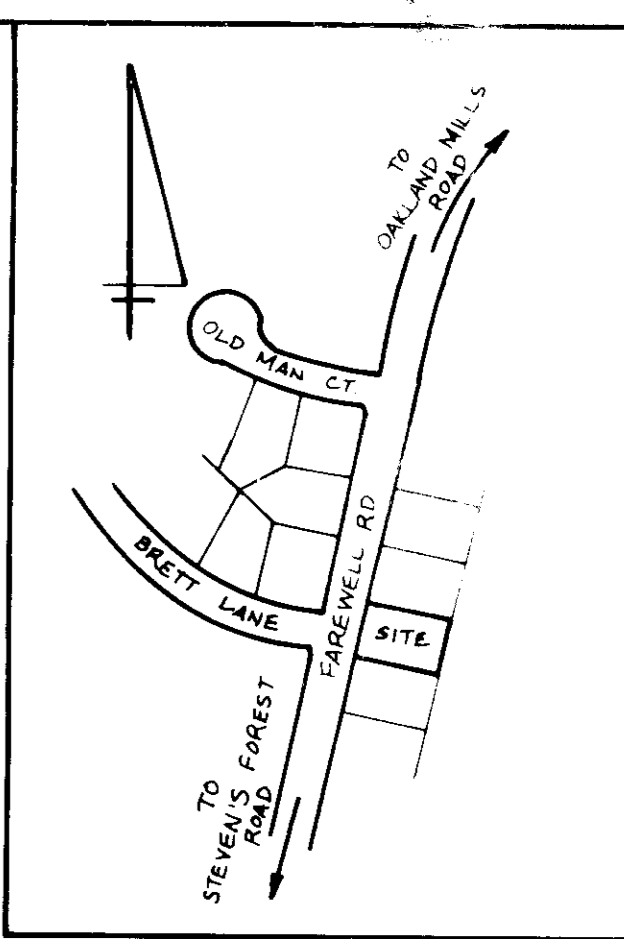
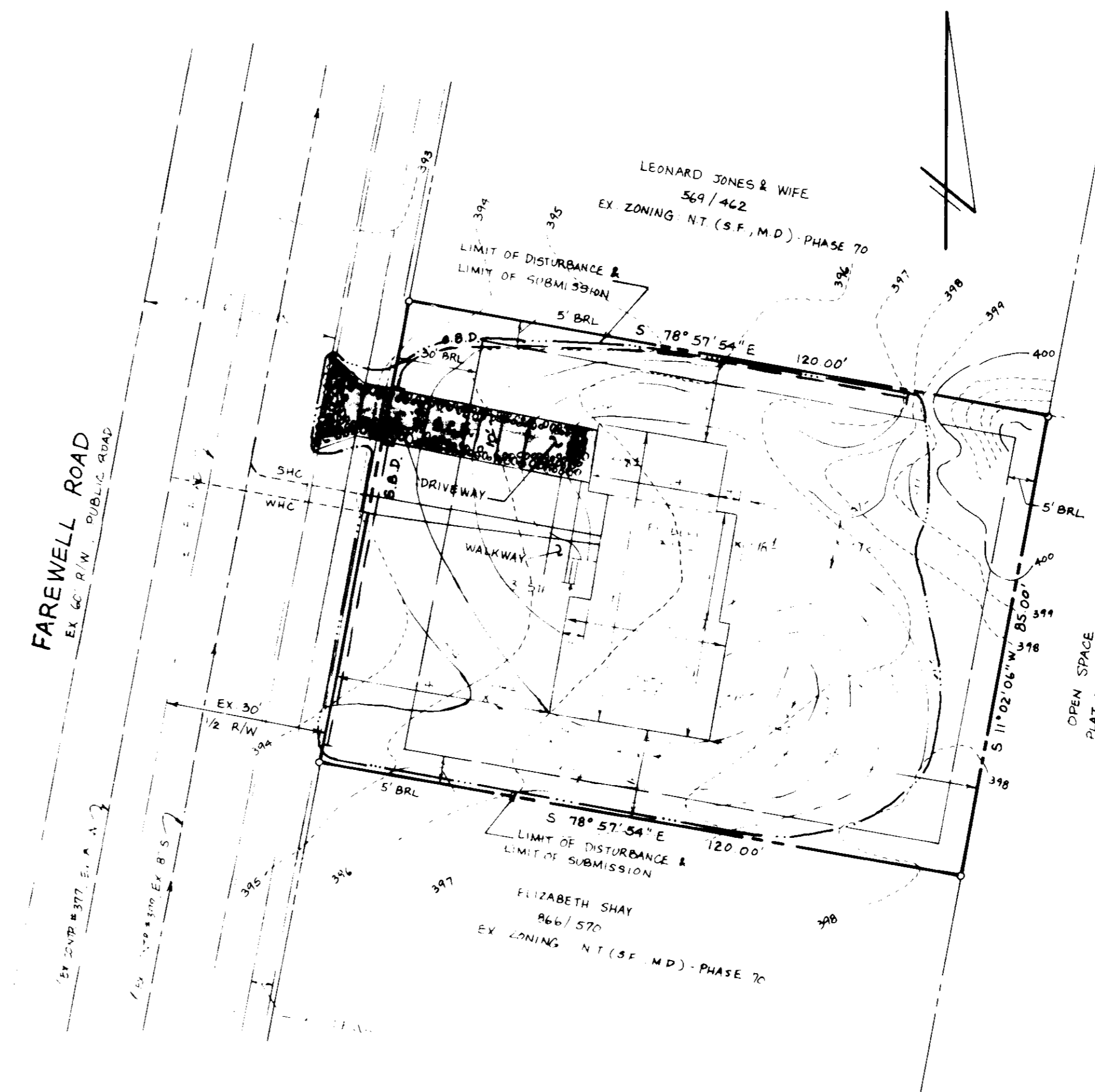
Apply to graded or cleared areas likely to be reseeded where a short-term vegetative cover is needed.

- Soil Preparation:** Loosen upper three inches of soil by raking, disking or other acceptable means before seeding.
- Soil Amendments:** Apply 400 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 November 15, seed with 1 lb per acre of annual ryegrass (2.2 lb/1000 sq ft). For the period May 1 thru August 14, seed with 3 lb per acre of wavy leaved ryegrass (6.7 lb/1000 sq ft). For the period November 14 thru February 29, seed with 3 tons per acre of wall anchored straw mulch and seed as soon as possible in the spring, or use seed.
- Mulching:** Apply 1/2 to 2 tons per acre (70 to 90 lb/1000 sq ft) of untreated small grade straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2 1/2 gal per acre (5 gal/1000 sq ft) of undiluted asphalt on flat areas. On slopes 4 ft or higher, use 3 1/2 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 care and methods not covered.



- SEDIMENT CONTROL NOTES**
- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permitting prior to the start of any construction.
  - All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in accordance with the 1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control.
  - Initial soil disturbance or restoration, permanent or temporary stabilization practices, or any other practices shall be completed within 7 calendar days for all practices and within 14 calendar days for all practices on slopes greater than 3:1. All practices shall be completed within 14 days of the start of 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 the Howard County Design Manual, Storm Drainage.
  - 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) and (Sec. 52). Temporary seedings (Sec. 53) and (Sec. 54) may be used for stabilization with such areas to only be for temporary stabilization and such areas 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 permission for their removal has been obtained from the Howard County Sediment Control Inspector.
  - Site Analysis:
 

Total Area of Site	1.25	Acres
Area Disturbed	0.25	Acres
Area to be reseeded or paved	0.25	Acres
Area to be vegetatively stabilized	0.75	Acres
Total Disturbed	0.50	Acres
Total Site	1.25	Acres
  - 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 controls must be provided, if deemed necessary by the Howard County SPW 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 stabilization of permanent erosion and sediment control, but before proceeding with any other earth disturbance or grading. Other holding or grading activities shall not be approved until the final approval by the inspection agency is made.



**VICINITY MAP**  
SCALE: 1" = 600'

**SITE ANALYSIS**

- AREA OF LOT: 0.23 AC.; 10200 S.F.
- EXISTING ZONING: NEWTOWN - PHASE 70
- FLOOR SPACE PER USE: 2264 S.F. OF RESIDENTIAL SPACE
- TOTAL NO. OF SFD UNITS ALLOWED: 1
- TOTAL NO. OF SFD UNITS PROVIDED: 1
- 1 FAMILY
- PARKING SPACES REQUIRED: 2
- PARKING SPACES PROVIDED: 2
- OPEN SPACE TO REMAIN ON SITE: 826 S.F. = 0.119 AC.
- BUILDING COVERAGE OF SITE: 1928 S.F. = 14 %

**GENERAL NOTES**

- TAX MAP 36, PARCEL 311, LOT 240
- DEED REFERENCE 421/0594
- EX. ZONING: NEWTOWN (S.F. M.D.) - PHASE 70
- PROPOSED SITE USE: RESIDENTIAL
- AREA OF SITE: 0.23 AC. 10200 S.F.
- ALL CONSTRUCTION AND MATERIAL SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.
- PUBLIC WATER AND PUBLIC SEWERAGE TO BE UTILIZED.
- ALL ON-SITE DRIVEWAYS AND PARKING AREAS ARE PRIVATE.
- FAREWELL ROAD IS AN EXISTING PUBLIC ROAD.
- ANY DAMAGE TO THE COUNTY OWNED RIGHT-OF-WAYS SHALL CORRECTED AT THE DEVELOPER'S EXPENSE.
- CONTRACTOR TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR TO NOTIFY MISS UTILITY AT 1-599-0100 AT LEAST FIVE DAYS PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION, 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK @ 792-7272

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

*[Signature]* DATE: 8-18-86

COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

PLANNING DIRECTOR DATE: 8-18-86

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

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

DIRECTOR DATE: 8-17-86

CHIEF, BUREAU OF ENGINEERING

APPROVED: DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

DATE: 7-29-86

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION SERVICE DATE: 8-18-86

SOIL CONSERVATION DISTRICT

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
LOT 240	9437 FAREWELL ROAD
SUBDIVISION NAME: VILLAGE OF OAKLAND MILLS	
TRACT # OR LOT BLOCK #	TRACT # / AREA
6017 / F39	10 / 36
SECTION	LOT / PARCEL #
10	6 / 6041.03
WATER CODE: E09	SEWER CODE: 543900

**DEVELOPER'S CERTIFICATE**

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 CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

DEVELOPER: DATE:

**ENGINEER'S CERTIFICATE**

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.

ENGINEER: DATE:

TITLE: **SITE DEVELOPMENT PLAN**

PROJECT: **VILLAGE OF OAKLAND MILLS SECTION 5 AREA 3**

LOCATION: TAX MAP 36 PARCEL 311 LOT 240 6 TH ELECTION DISTRICT HOWARD CO. MD.

SCALE: 1" = 20'

DESIGNED BY: M.A. DRAWN BY: M.A. CHECKED BY: DATE: 11/14/1986

FIELD BOOK: PAGE NO. JOB NO.: 86128 DRAWING NO.: 1 OF 1

**OWNER**

JOHNSON RESEARCH DEVELOPMENT  
P.O. BOX 833  
COLUMBIA, MD 21044

**DEVELOPER**

DON TRAVERS  
SIGNATURE HOMES  
P.O. BOX 2804  
COLUMBIA, MD 21045

**boender associates inc.**  
consulting engineers  
land surveyors  
land planners

COURTHOUSE SQUARE  
3565 ELLICOTT MILLS DRIVE  
ELLICOTT CITY, MD 21043  
(301) 465-7777

SDP-87-04c