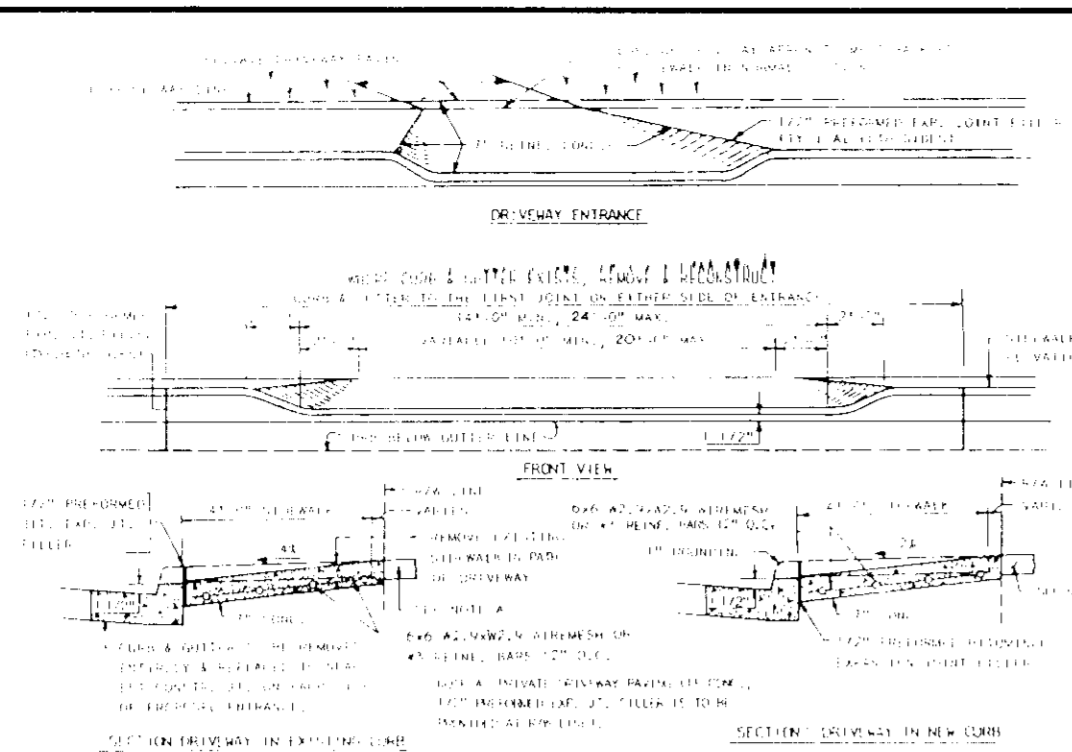
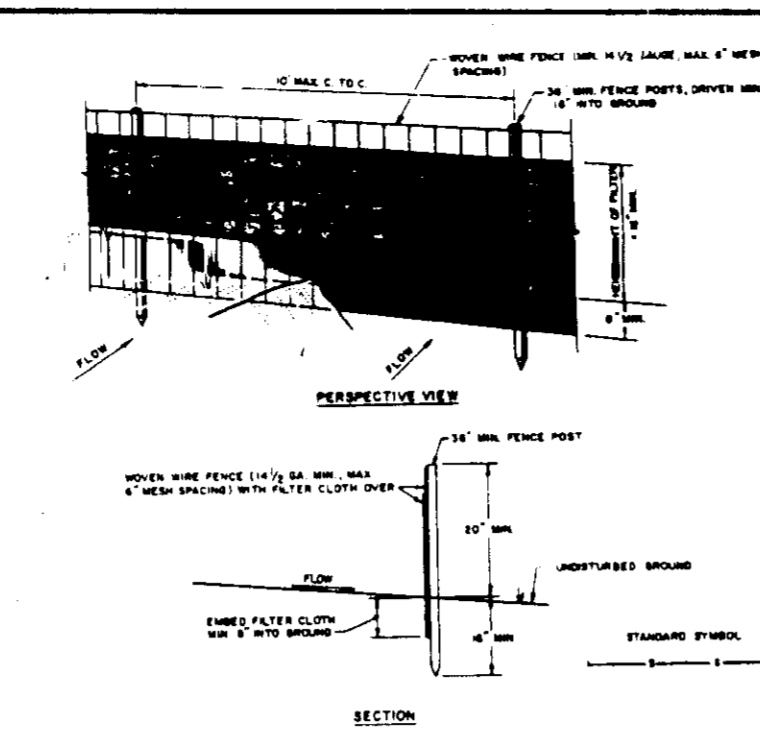


CHART	
LOT NO.	STREET ADDRESS
611	10208 CASTLE HILL COURT
612	10207
613	10211

MINIMUM SEWERABLE CHART	
LOT NO.	MINIMUM CELLAR ELEVATION
611	451.20
612	455.92
613	451.75



DRIVEWAY ENTRANCE DETAIL
NO SCALE



SILT FENCE
1/4" = 1' SCALE

STABILIZED CONSTRUCTION ENTRANCE
1/4" = 1' SCALE

BY THE DEVELOPER:
"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 NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT."

DEVELOPER: _____ DATE: _____

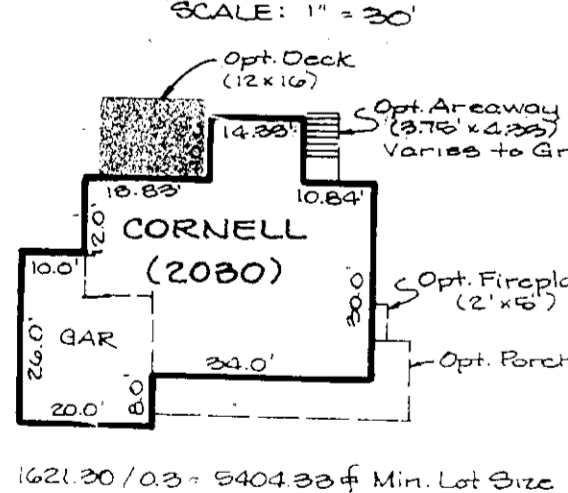
BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

ENGINEER: _____ DATE: _____

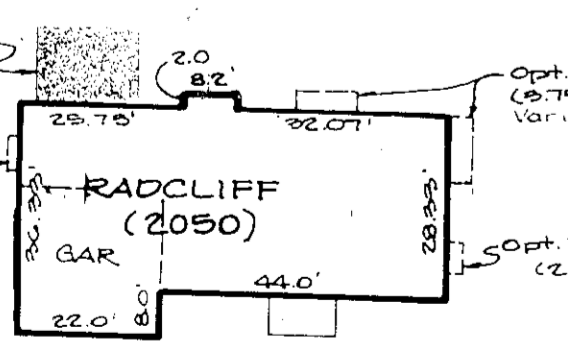
REVIEWED FOR: **HOWARD** S.C.D.
NAME: **Howard McTee**
DATE: **6/9/89**

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
DATE: **6/9/89**

TYPICAL HOUSES
* All units have 1" roof eaves
front & rear
SCALE: 1" = 30'

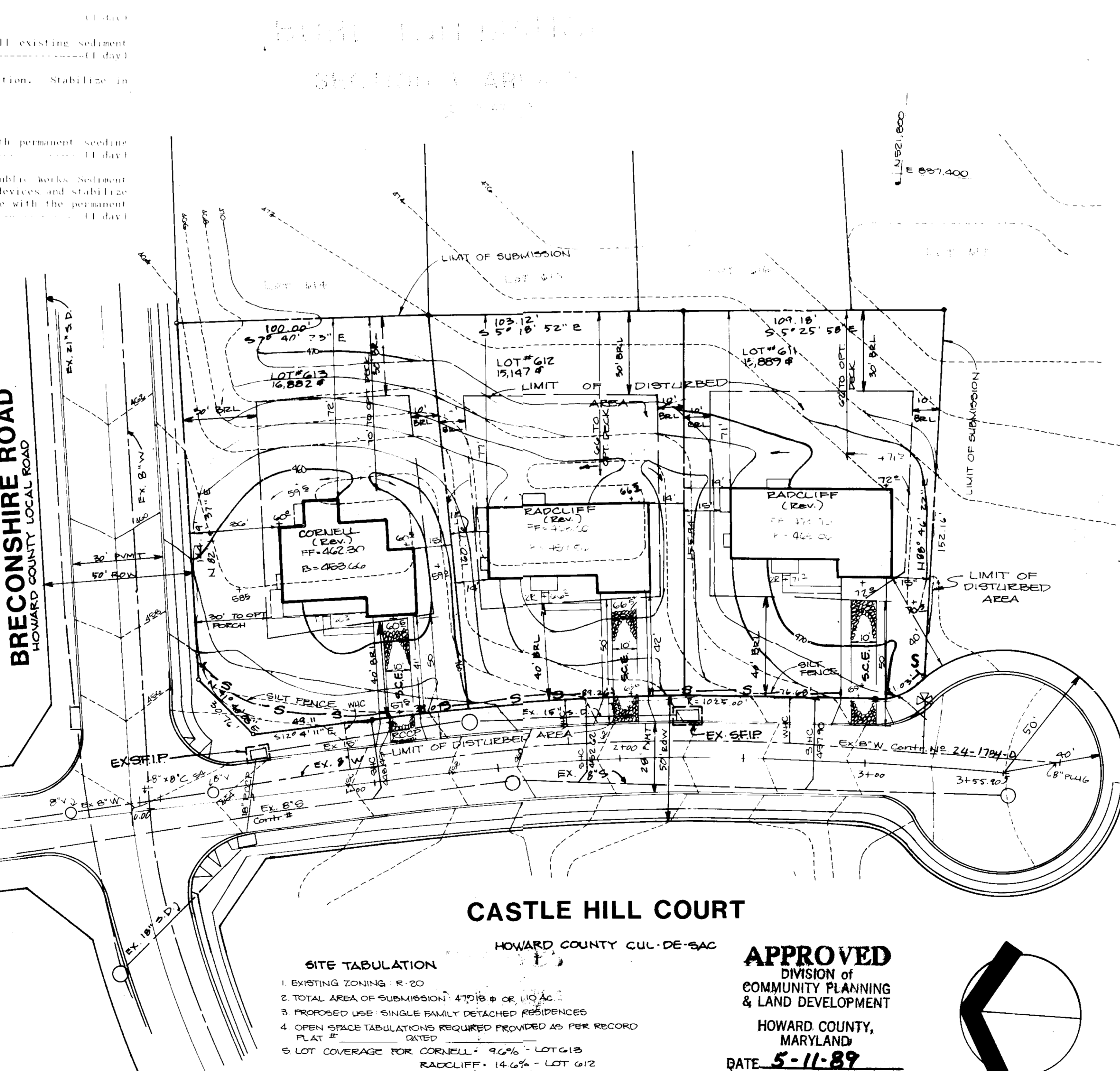


CORNELL FRONT ELEVATION



RADCLIFF FRONT ELEVATION

- SEQUENCE OF CONSTRUCTION
1. Obtain a Grading Permit (1 day)
 2. Install silt fence and S.C.E. and maintain all existing sediment controls (1 day)
 3. Perform rough grading and begin house construction. Stabilize in accordance with temporary seeding notes (1 day)
 4. Finish house construction.
 - a. stabilize all disturbed areas in accordance with permanent seeding notes (1 day)
 - b. Upon approval of Howard County Department of Public Works, Sediment Control Inspector, remove all sediment control devices and stabilize all areas disturbed in the removal in accordance with the permanent seeding notes (1 day)



SITE TABULATION

1. EXISTING ZONING R-20
2. TOTAL AREA OF SUBMISSION 47018 sq. ft. OR 10.8 AC.
3. PROPOSED USE SINGLE FAMILY DETACHED RESIDENCES
4. OPEN SPACE TABULATIONS REQUIRED PROVIDED AS PER RECORD PLAT # DATED
5. LOT COVERAGE FOR CORNELL = 96% - LOT 618
RADCLIFF = 146% - LOT 612
139% - LOT 611

NOTE: STORMWATER MANAGEMENT FOR THIS PROJECT IS PROVIDED UNDER F89-ROADS ADJACENT TO THE LOTS ARE AS APPROVED UNDER F89-34

APPROVED
DIVISION OF
COMMUNITY PLANNING
& LAND DEVELOPMENT
HOWARD COUNTY,
MARYLAND
DATE **5-11-89**

SUBDIVISION NAME	SECT./AREA	LOT
BURLEIGH MANOR	2/6	611-613
PLAT # OR L/F	BLK #	ZONE
8830	12	R-20
TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
23,24	24	6022.01
WATER CODE	SEWER CODE	
J01	888 2900	

- SEDIMENT CONTROL NOTES**
1. A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction (402-2433)
 2. 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.
 3. Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within 30 calendar days for all permanent sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1. 30 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 17, 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 seedings (Sec. 513 and (Sec. 36), temporary seedings (Sec. 503 and mulching (Sec. 523). Temporary stabilization with mulch alone can only be done when recommended seedings 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 operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
 7. Site Analysis:

Total Area of Site	11.1 Acres
Area Disturbed	2.055 Acres
Area to be graded or paved	0.022 Acres
Area to be vegetatively stabilized	0.005 Acres
Total	2.082 Acres
Total Fill	760 yds.
 8. Any sediment control practice which is disturbed by grading activities for placement of structures must be repaired to the same level of effectiveness.
 9. Additional sediment controls must be provided, if deemed necessary by the Howard County EPM sediment control inspector.
 10. Site grading will begin only after all perimeter sediment control practices have been installed and are in a functioning condition.
 11. Sediment will be removed from traps when the trap reaches the clean out elevation shown on the plans.

PERMANENT SEEDING NOTES

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

Seeded Preparation: Loosen upper three inches of soil by raking, discing 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 (92 lbs/1000 sq ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Barrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 urea/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. Barrow or disc into upper three inches of soil.

SEEDING NOTES

Seeding: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 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. per acre 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) the sod; Option (3) Seed with 60 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 untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 25 gallons 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

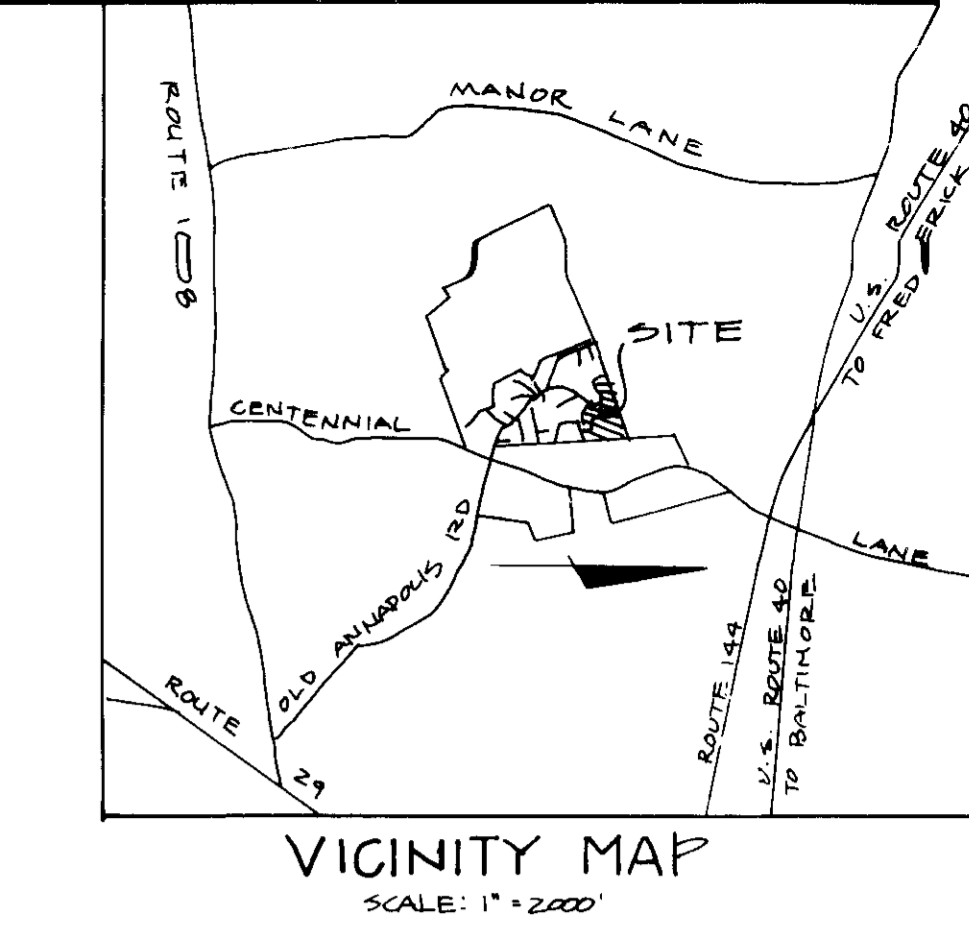
Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

Seeded 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 (14 lbs./1000 sq. ft.).

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 21 bushel per acre of annual rye (3.2 lbs./1000 sq. ft.). For the period May 1 thru August 14, seed with 2 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 untreated 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 ft. or higher, use 348 gal. per acre (8 gal./1000 sq. ft.) for anchoring.



VICINITY MAP
SCALE: 1" = 200'

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
DATE: **6/1/89**

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND LAND DEVELOPMENT.
DATE: **7-7-89**

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
DATE: **7-5-89**

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
DATE: **6-16-89**

DATE	NO.	REVISION

OWNER DEVELOPER
STUART J. GREENBAUM ET AL & THOMAS J. PELLERITO ET AL TRUSTEES
46 KENWOOD AMERICAN HOMES OF MARYLAND
1521 SOUTH EDGEWOOD STREET
SUITE M
BALTIMORE, MARYLAND 21227

PROJECT SECTION 3 AREA C
BURLEIGH MANOR
LOTS 611-618

TITLE SITE DEVELOPMENT PLAN AND SEDIMENT CONTROL PLAN
SINGLE FAMILY DETACHED
205-TYP 2 AREA C

RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

DATE: **5-11-89**
DESIGNED BY: **J.G.**
DRAWN BY: **Z.L.K.**
PROJECT NO: **612.00**
DATE: **April 1989**
SCALE: **1" = 30'**
DRAWING NO: **1 OF 1**

ARTHUR E. MUEGGE, P.E.
GDP 89-201