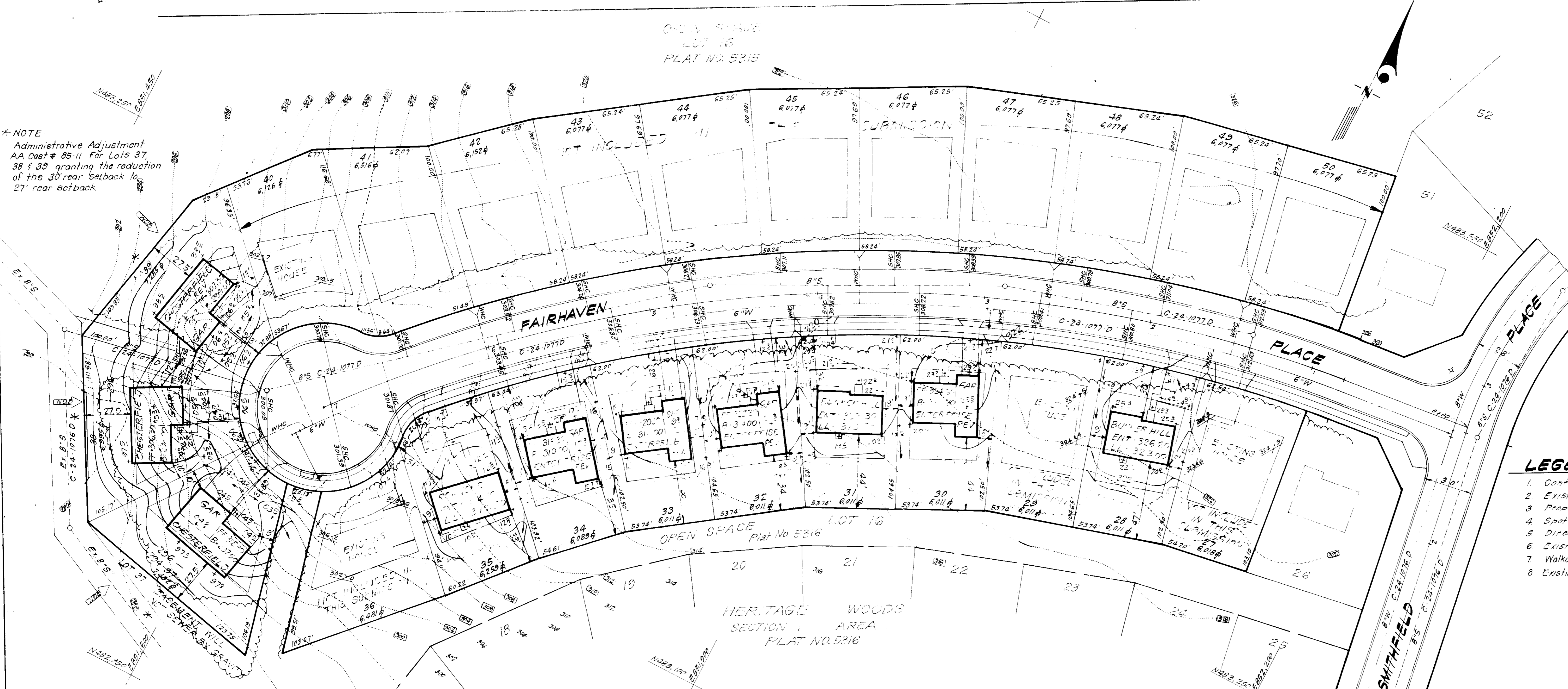
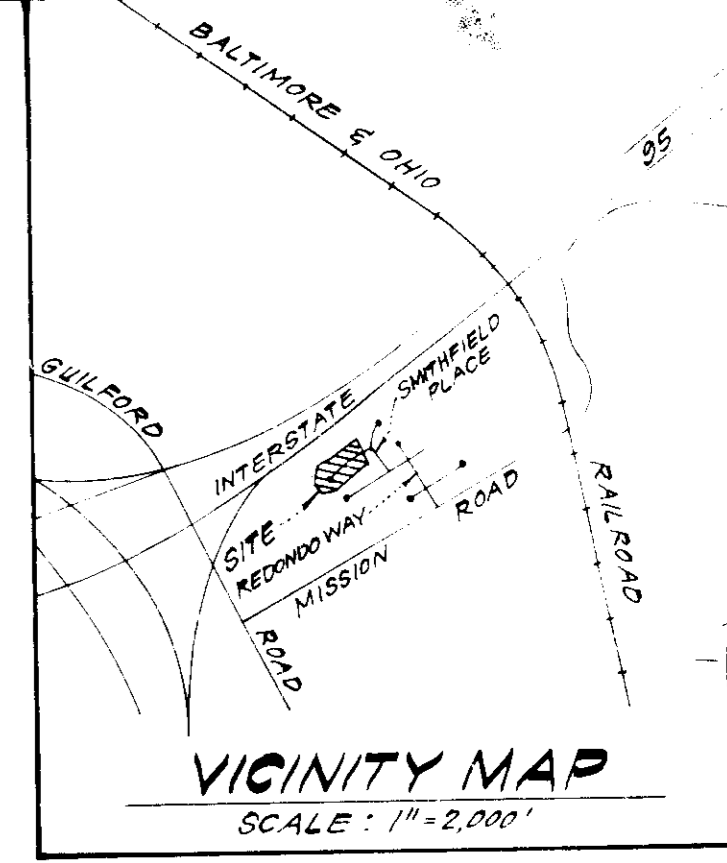


*NOTE:
Administrative Adjustment
AA Case # 85-11 For Lots 37,
38 & 39 granting the reduction
of the 30' rear setback to
27' rear setback

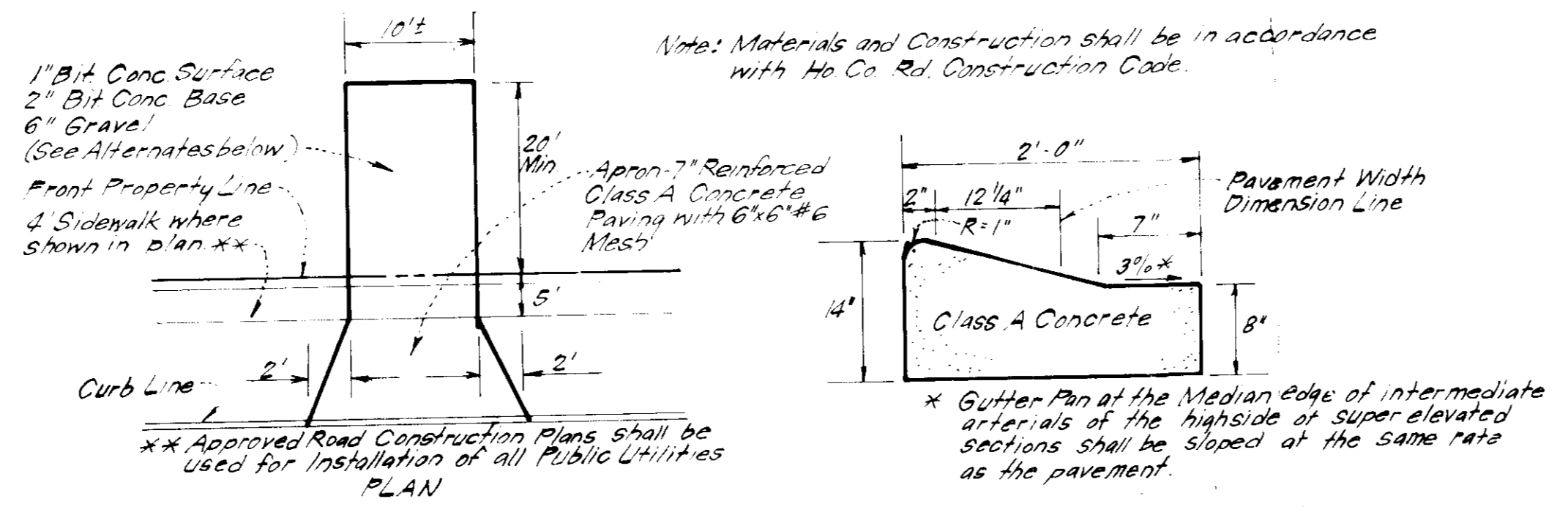
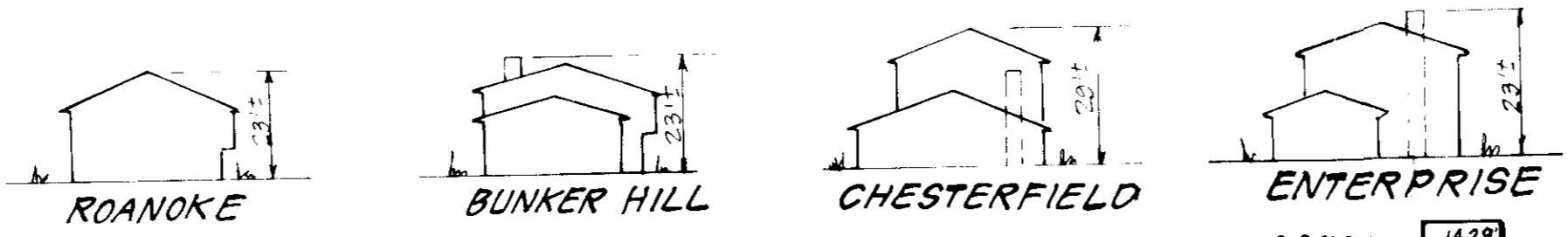


- LEGEND:**
- 1. Contour Interval 2 Ft
 - 2. Existing Contour
 - 3. Proposed Contour
 - 4. Spot Elevation + 205
 - 5. Direction of Drainage
 - 6. Existing Trees to be Retained
 - 7. Walkout Basement
 - 8. Existing Elevation 324.0

- GENERAL NOTES:**
1. All coordinates are based on Howard County Control Station Control Point Nos. 2243001R and 2142003R.
 2. Total Number of Lots: 10.
 3. The total area included in this plan is 1.4718 Acres.
 4. All roadways are public and existing.
 5. Any damage to county owned rights of way shall be corrected at the developer's expense.
 6. The contractor or developer shall contact the construction inspection/survey division, 24 hours in advance of commencement of work at 992-2471 or 992-2418.
 7. Administrative Adjustment granted to Lots 37, 38 & 39, Oct 1, 1985, AA Case # 85-11, the reduction of the 30' rear yard setbacks to 27'.
 8. Lot 37, Basement will not Sewer by Gravity

ADDRESS CHART

LOT	STREET ADDRESS
28	8709 Fair Haven Place
30	8717 " " "
31	8721 " " "
32	8725 " " "
33	8729 " " "
34	8733 " " "
35	8737 " " "
37	8745 " " "
38	8749 " " "
39	8750 " " "



SURVEYOR'S CERTIFICATE

I hereby certify that the information contained hereon is the same as shown on previously approved SDP-85-11 with the following exceptions:

1. House Types and grading have been revised on lots 28, 30-35 and 37-39.

I further certify that the Sediment & Erosion Control Measures, as previously approved, will not be affected, the grading is substantially the same as originally approved, the building setbacks comply with Howard County Zoning and Subdivision Regulations, and the lot has the same geometric configuration as shown on the respective recorded subdivision Plat.

Oct 10, 1985
Date

Donald B. Sackett
Registered Land Surveyor
Md. No. 6059

SUBDIVISION NAME HERITAGE WOODS	SECT./AREA 1/1	LOT/PARCEL 28, 30-39
PLAT OF L/F BLOCK # 5315	ZONE RSC	TAX ZONE MAP/ELEC DIST 42
WATER CODE E-14	SEWER CODE 440C.90C	

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
10-24-85

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
10-24-85

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE.
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
10-18-85

CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED: J.M.E. REVISD SITE DEVELOPMENT PLAN
LOTS 28, 30 THRU 35 & 37 THRU 39

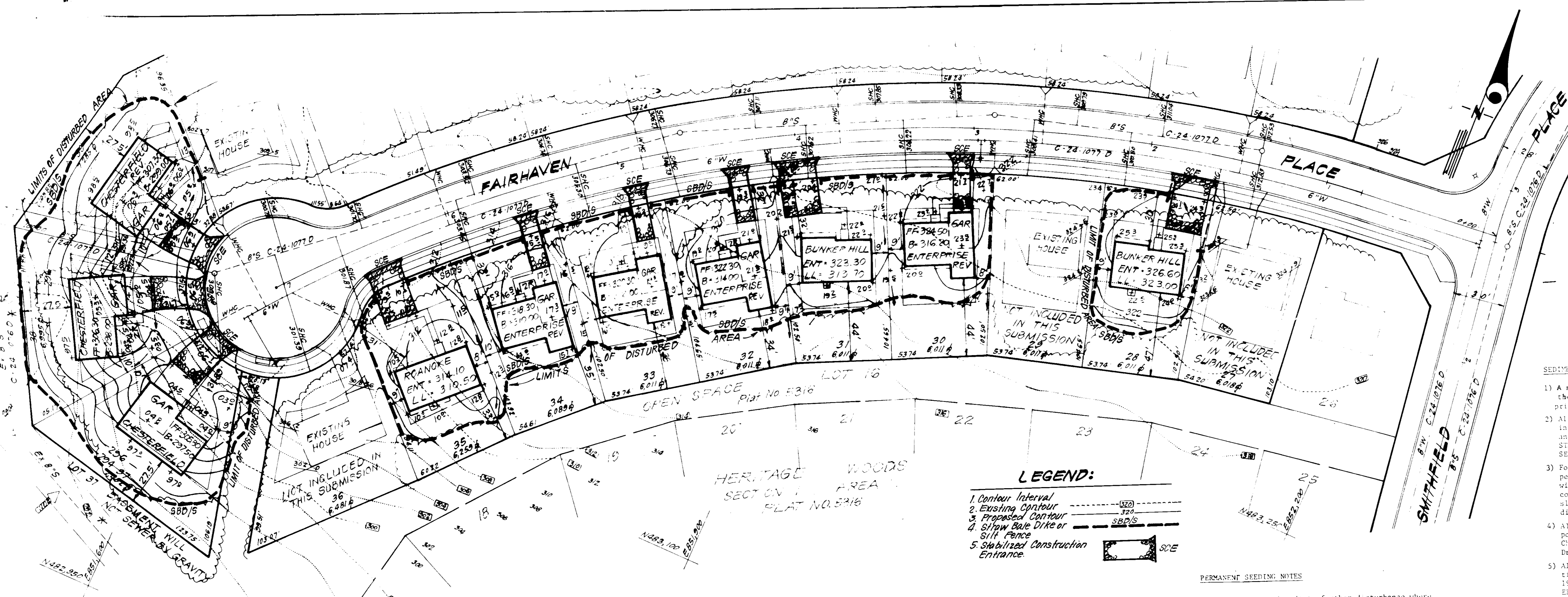
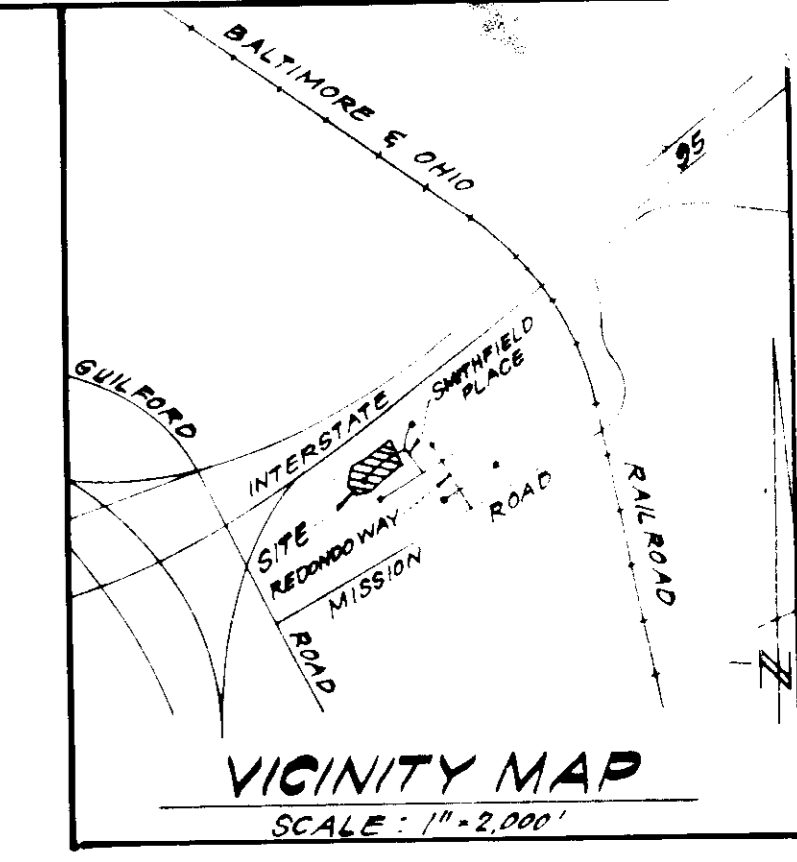
DRAWN: V.L.B. HERITAGE WOODS
SECTION 1 AREA 1

CHECKED: J.M.E. 6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

DATE: Sept, 1985 FOR: THE RYLAND GROUP (Col. Division)
One Knoll North, Suite 503
Columbia, Maryland 21045

SCALE: 1" = 30'
DRAWING NO.: 107
JOB NO.: 85-08
FILE NO.: 85-087

SDP-86-55



OPEN SPACE - LOT 16
PLAT NO. 5316

LEGEND:

- 1. Contour Interval
- 2. Existing Contour
- 3. Proposed Contour
- 4. Straw Bale Dike or Silt Fence
- 5. Stabilized Construction Entrance

PERMANENT 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, discing or other acceptable means before seeding.

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. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform 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. Harrow or disc into upper three inches of soil.

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 Kentucky 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) Use 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 unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 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.

Inspection - Inspect all seeded areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

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

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendment: 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 25 bushel per acre of annual rye (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 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 unrotted 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.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

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 and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

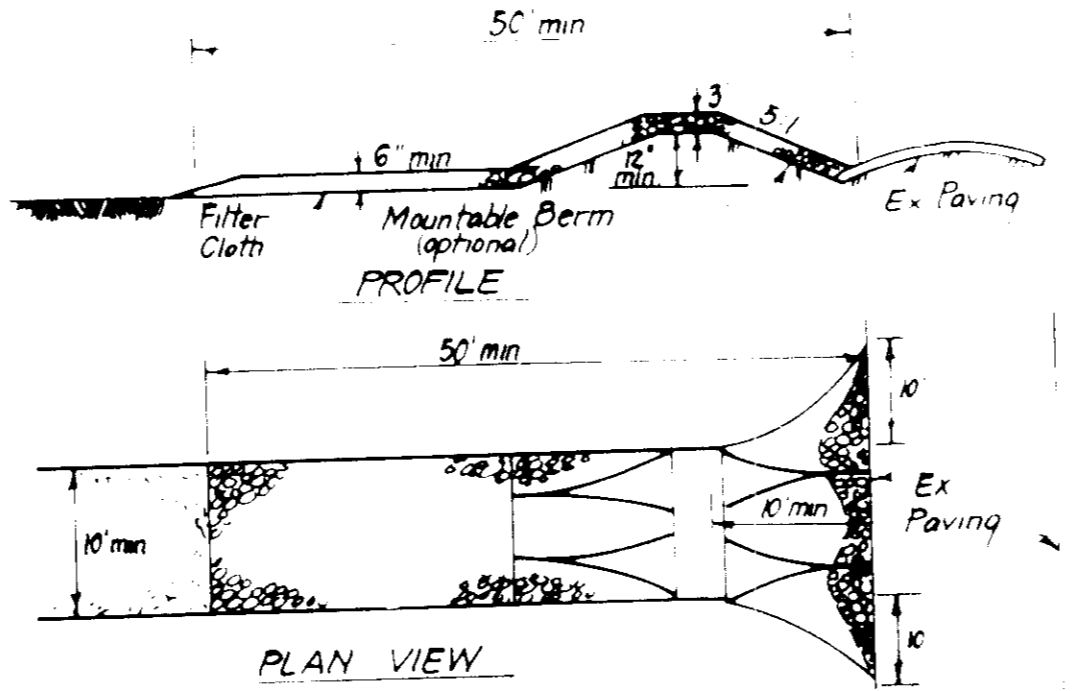
G. Nelson Clark
G. Nelson Clark
Professional Engineer
10-9-85
Date



DEVELOPER'S/BUILDER'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 Dept. of Natural Resources 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 or their authorized agents, as are deemed necessary.

Maureen M. Kempkins, D.P.
Maureen M. Kempkins, D.P.
10-10-85
Date



CONSTRUCTION SPECIFICATIONS:

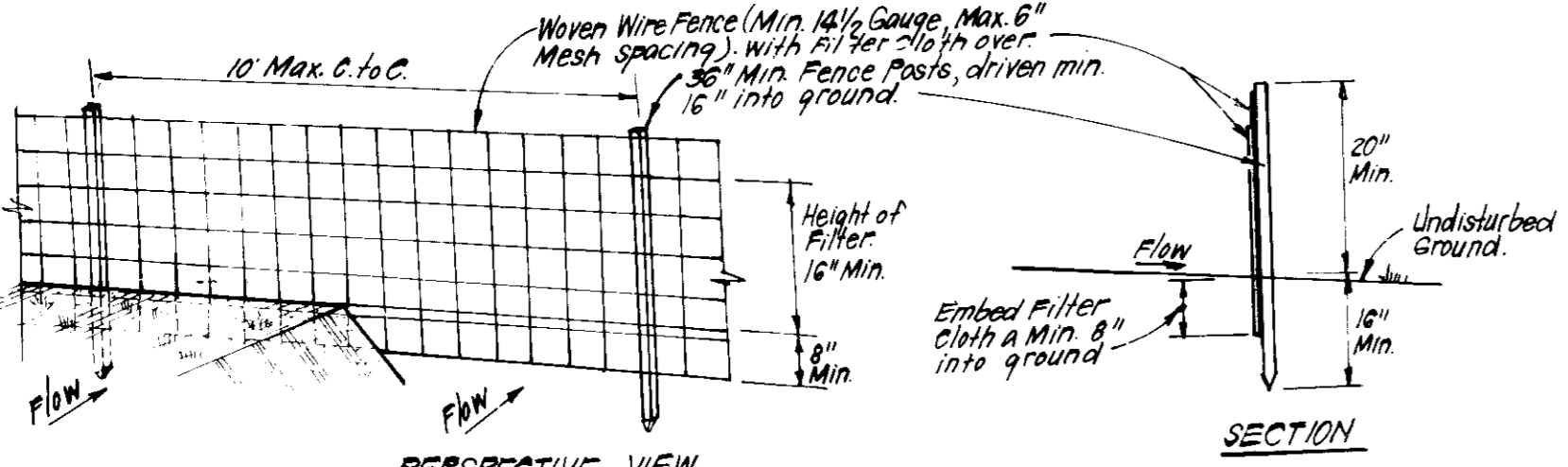
- 1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
- 2. Length - As required, but not less than 50 feet, except on a single residence lot where a 30 foot minimum length would apply.
- 3. Thickness - Not less than six (6) inches.
- 4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
- 5. 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.
- 6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mounded berm with 5:1 slopes will be permitted.
- 7. 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 if any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- 8. Washing - Wheels 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.
- 9. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE (SCE)

NO SCALE

Reviewed for _____ Name _____ C.C.D.
and meets Technical Requirements
Signature _____ Date _____
Soil Conservation Service

THE DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
X _____
Approved _____ Date 10-16-85

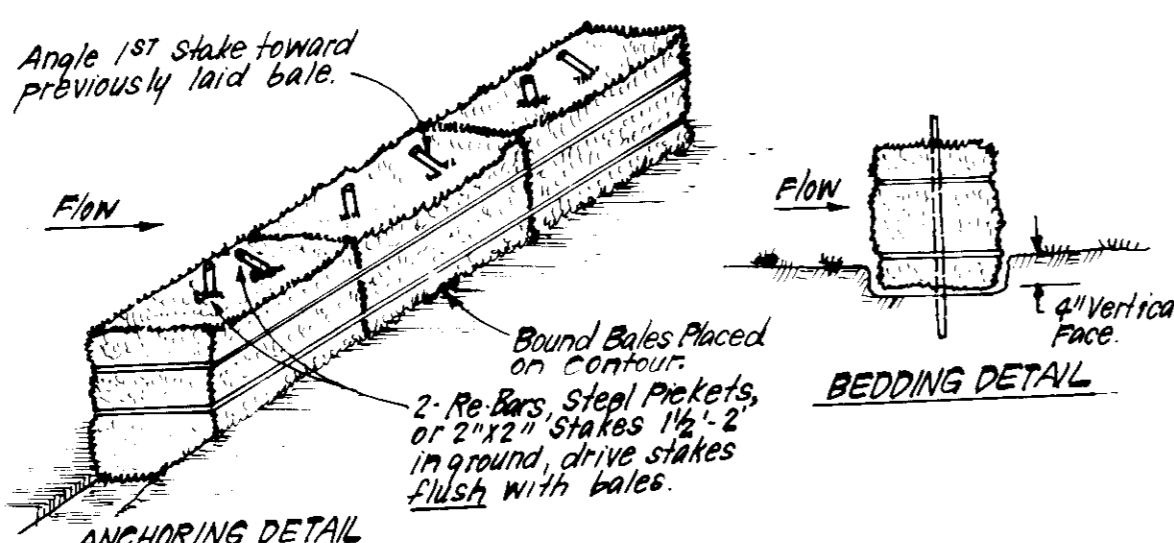


CONSTRUCTION SPECIFICATIONS:

- 1. Woven wire fence to be fastened securely to fence posts with wire ties or staples.
- 2. Filter cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
- 3. When 2 sections of filter cloth adjoin each other they shall be overlapped by 6" and staples used.
- 4. Maintenance shall be performed as needed and material removed when "bulges" develop in Silt Fence.

SILT FENCE DETAIL (S)

NO SCALE



CONSTRUCTION SPECIFICATIONS:

- 1. Bales shall be placed at the top of a slope or on the contour and in a row with ends tightly abutting the adjacent bales.
- 2. Each bale shall be embedded in the soil a min. of 4" and placed so the bindings are horizontal.
- 3. Bales shall be securely anchored in place by either 2 stakes or re-bars driven thru the bale. The 1st stake in each bale shall be driven toward the previously laid bale at an angle to force the bales together. Stakes shall be driven flush with the bale and replaced promptly as needed.
- 4. Inspection shall be frequent and repair replacement shall be made promptly as needed.
- 5. Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

STRAW BALE DIKE DETAIL (SBD)

NO SCALE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 10-24-85
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] 10-24-85
DATE

PLANNING DIRECTOR
[Signature] 10-24-85
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 10-18-85
DATE

DIRECTOR
[Signature] 10-18-85
DATE

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 597-3400

DESIGNED	GLB	SCALE	1" = 30'
DRAWN	KIW	DRAWING	2 OF 2
CHECKED	GLB	JOB NO.	85-087
DATE	10-9-85	FILE NO.	85-087S

SEDIMENT & EROSION CONTROL PLAN
LOTS 28, 30 THRU 35 & 37 THRU 39
HERITAGE WOODS
SECTION 1 AREA 1
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: The Ryland Group Inc. (Col. Div.)
One Knoll North, Suite 503
Columbia, Md. 21045
SDP-86-55