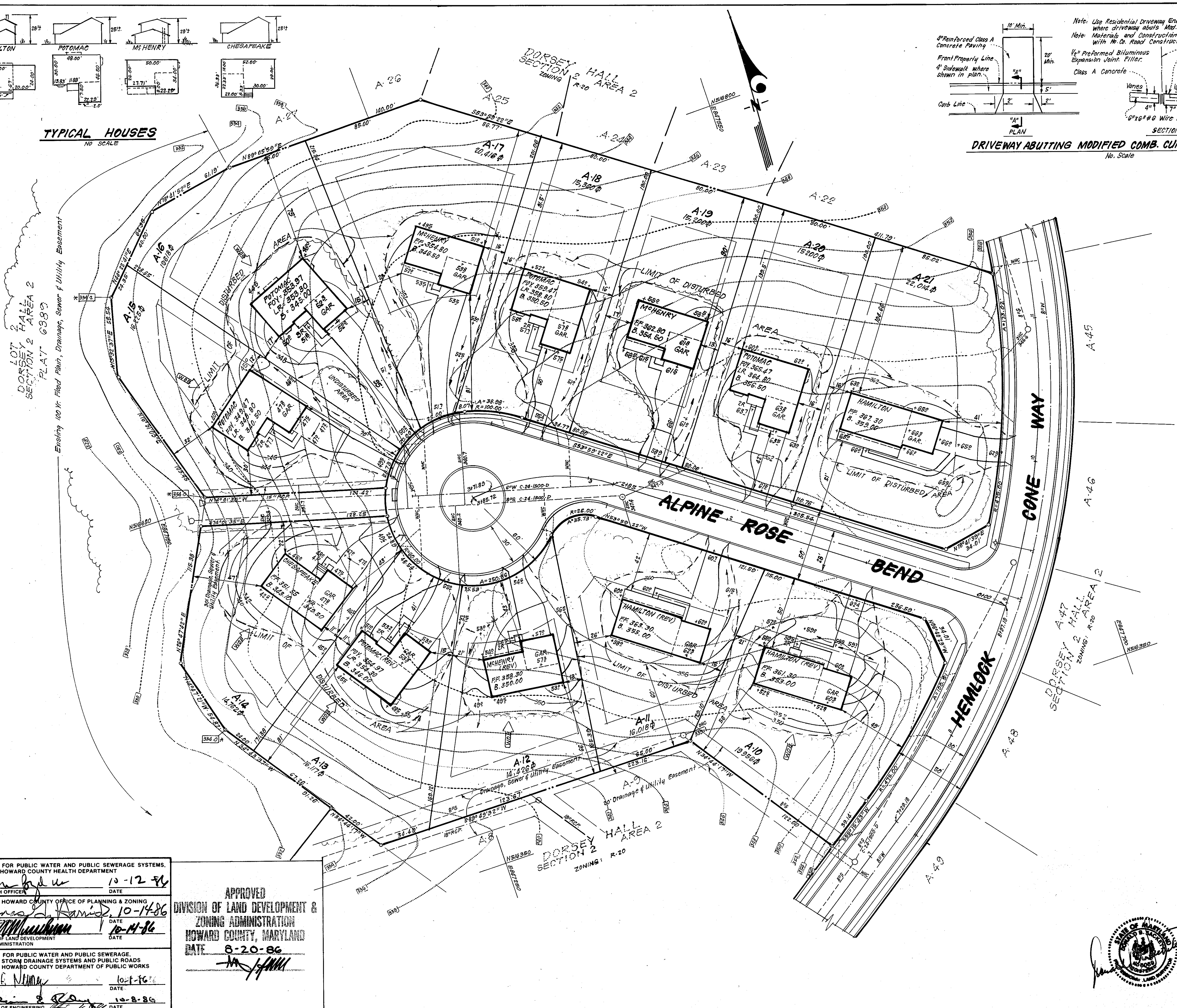
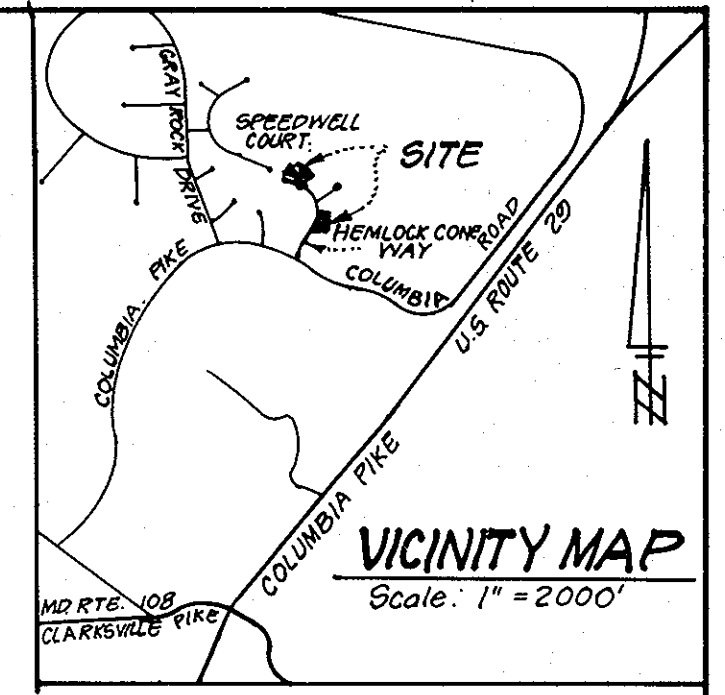
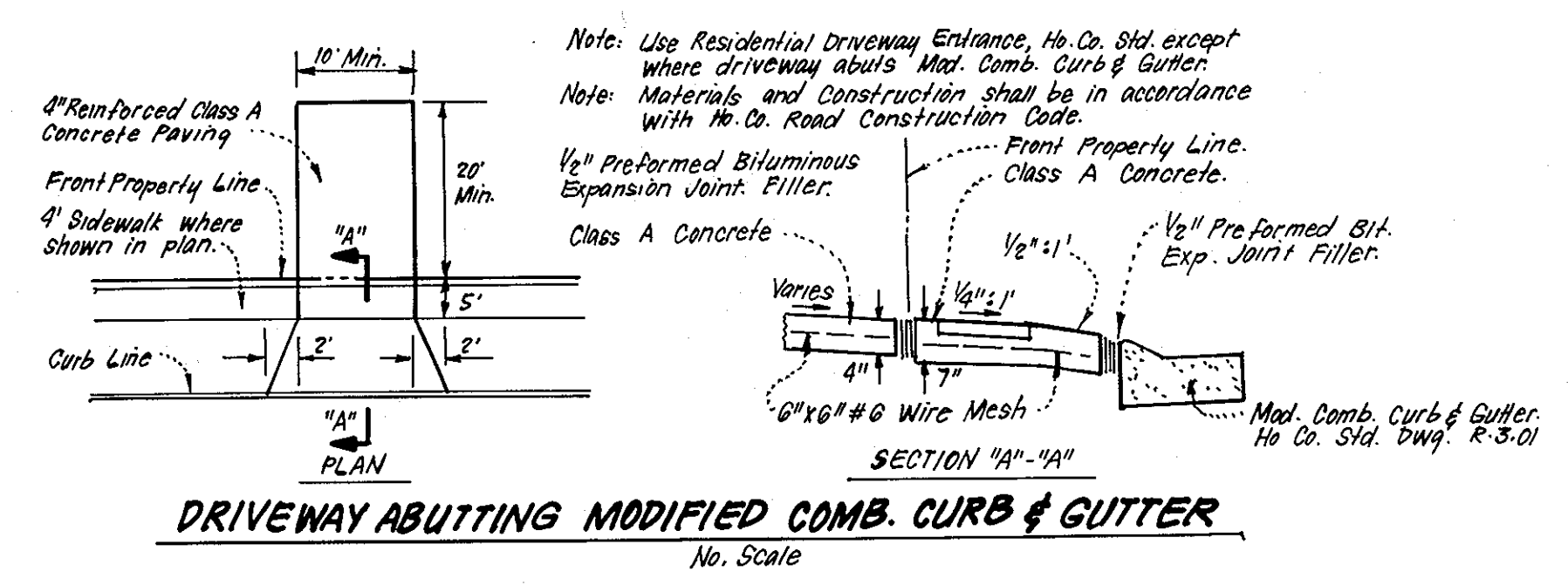


**TYPICAL HOUSES**  
NO SCALE



- GENERAL NOTES:**
- The land included in this plan is zoned: R-20.
  - All coordinates are based upon Howard County Geodetic Control Monuments 2841002 and 2942002 which are based upon the Maryland State Plane Coordinate System.
  - All roads are public and existing.
  - Any damage to county owned rights-of-way to be corrected at the Developer's expense.
  - Total Area included: 4.713 Acres.
  - Total Number of Lots: 12.
  - Storm Water Management for this project is provided by Plans submitted under File F-79-46.

- LEGEND:**
- Contour Interval: 2 Ft.
  - Existing Contour: (dashed line)
  - Proposed Contour: (solid line)
  - Spot Elevation: (+05)
  - Direction of Drainage: (arrow)
  - Existing Trees to be saved: (tree symbol)
  - Walk-out Basement: (W.O.B.)

Lot #	STREET	ADDRESS
A-10	4505	Alpine Rose Bend
A-11	4509	" " "
A-12	4513	" " "
A-13	4517	" " "
A-14	4521	" " "
A-15	4525	" " "
A-16	4529	" " "
A-17	4533	" " "
A-18	4537	" " "
A-19	4541	" " "
A-20	4545	" " "
A-21	4549	" " "

SUBDIVISION NAME: DORSEY HALL	SECT/AREA: 2/2	LOTS: A-10-A-21
PLAT #: 6802-6803	BLOCK #: 22	ZONE: R-20
TAX: 24	ZONE MAP/ELEC. DIST: 2ND	REVENUE TR. CODE: 6025.01
WATER CODE: FOB	SEWER CODE: 5751400	5751600

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT  
DATE: 10-12-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
DATE: 10-14-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE.  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE: 10-8-86

APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 8-20-86

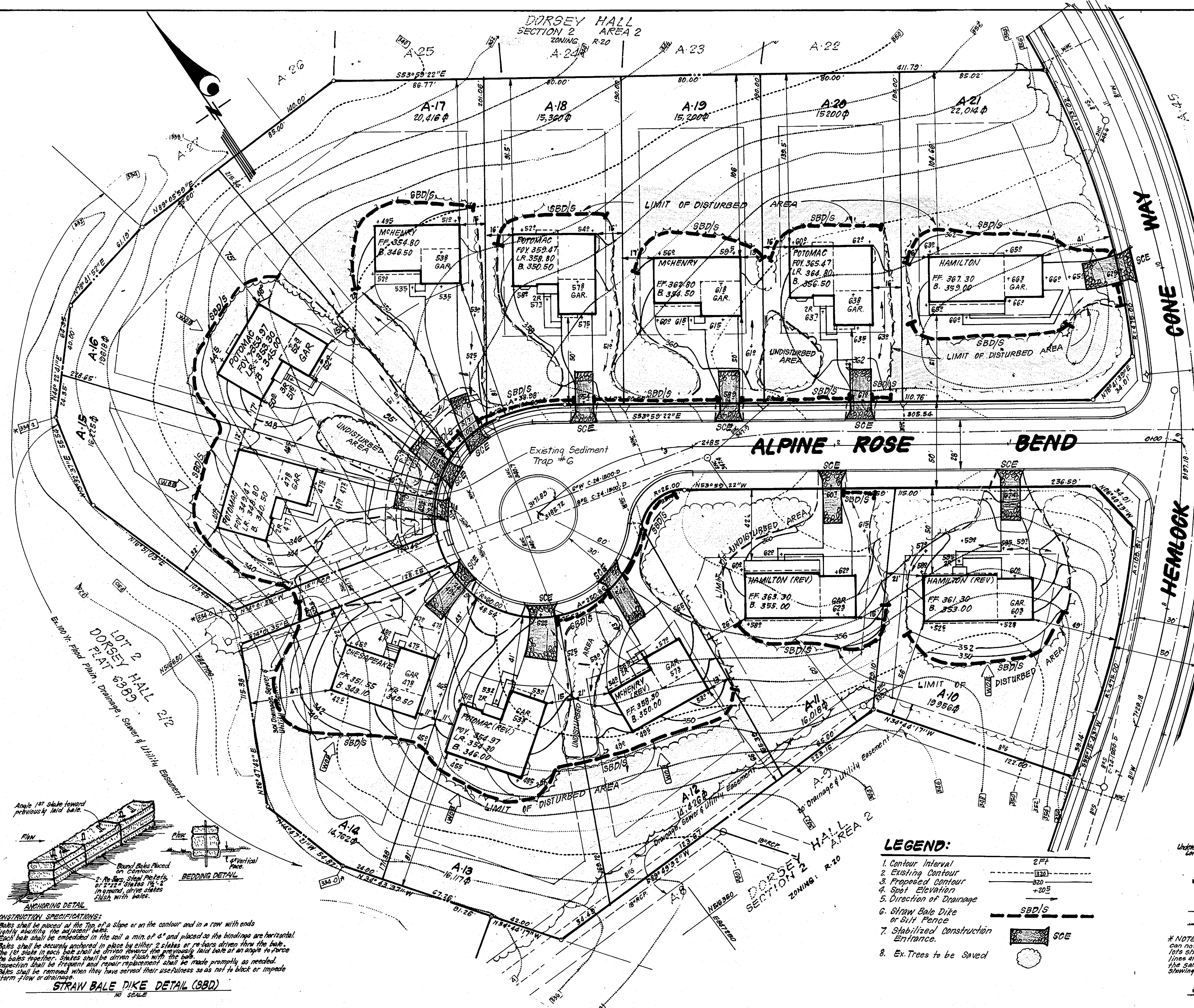
**CLARK • FINEFROCK & SACKETT**  
ENGINEERS • PLANNERS • SURVEYORS  
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 592-7400

**SITE DEVELOPMENT PLAN**  
LOTS A-10 THRU A-21  
**DORSEY HALL**  
SECTION 2 AREA 2  
2ND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE: 1" = 30'  
DRAWING: 1 of 2  
JOB NO.: 88-089  
FILE NO.: 88-089-X

DATE: 7-22-86  
FOR: The Ryland Group Inc. Col. Div.  
7130 Minstrel Way Suite 215  
Columbia, Md. 21045

SDP-87-18



**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, disking or other acceptable means before seeding.

**Soil Amendment:** 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 1/4 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.

**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.

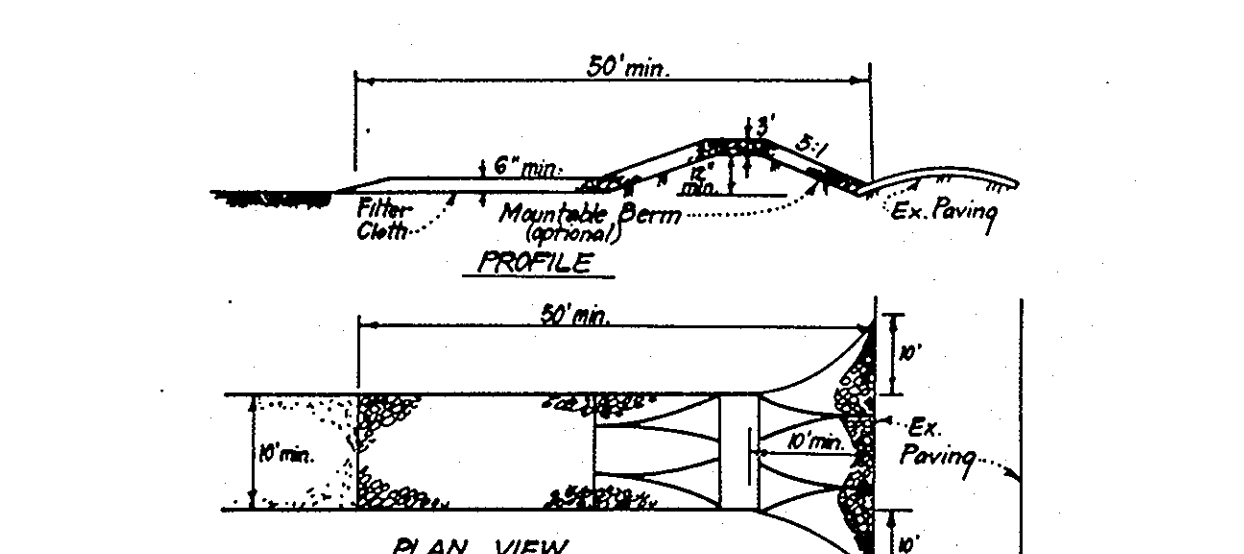
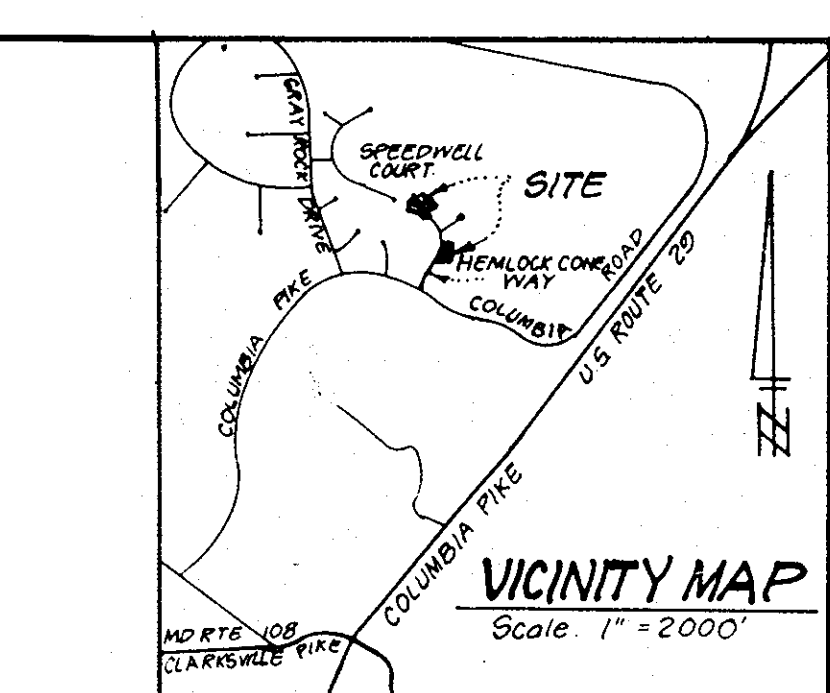
**Seedbed Preparation:** Loosen upper three inches of soil by raking, disking or other acceptable means before seeding.

**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 (.01 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 1/4 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 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

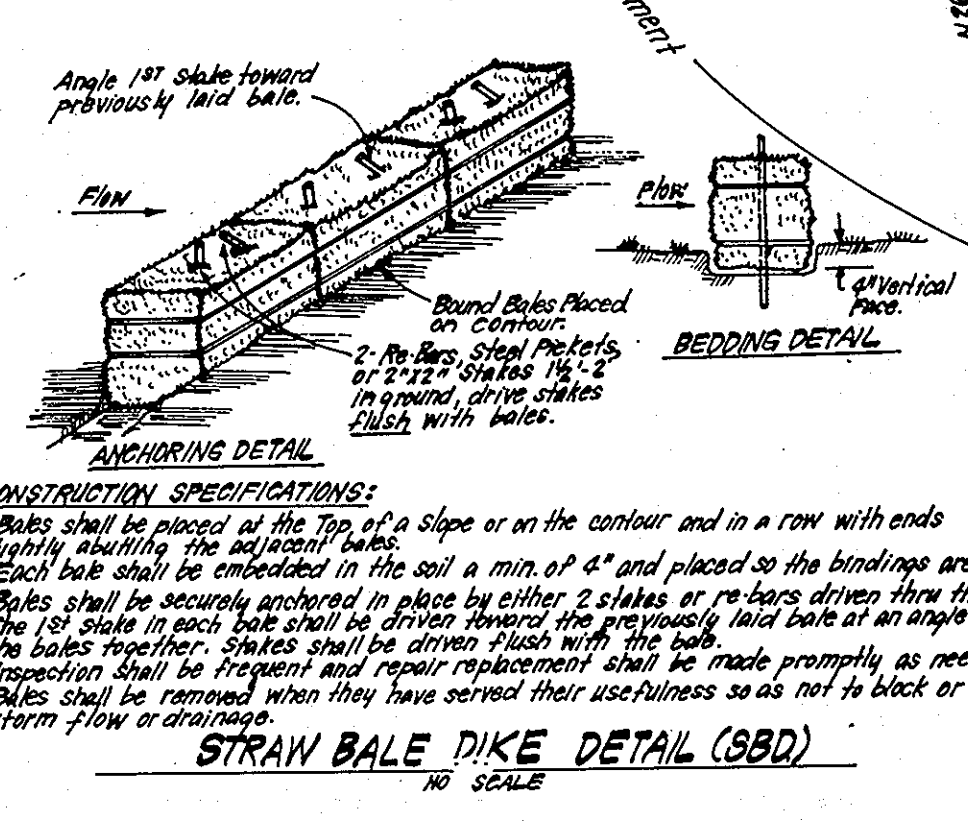
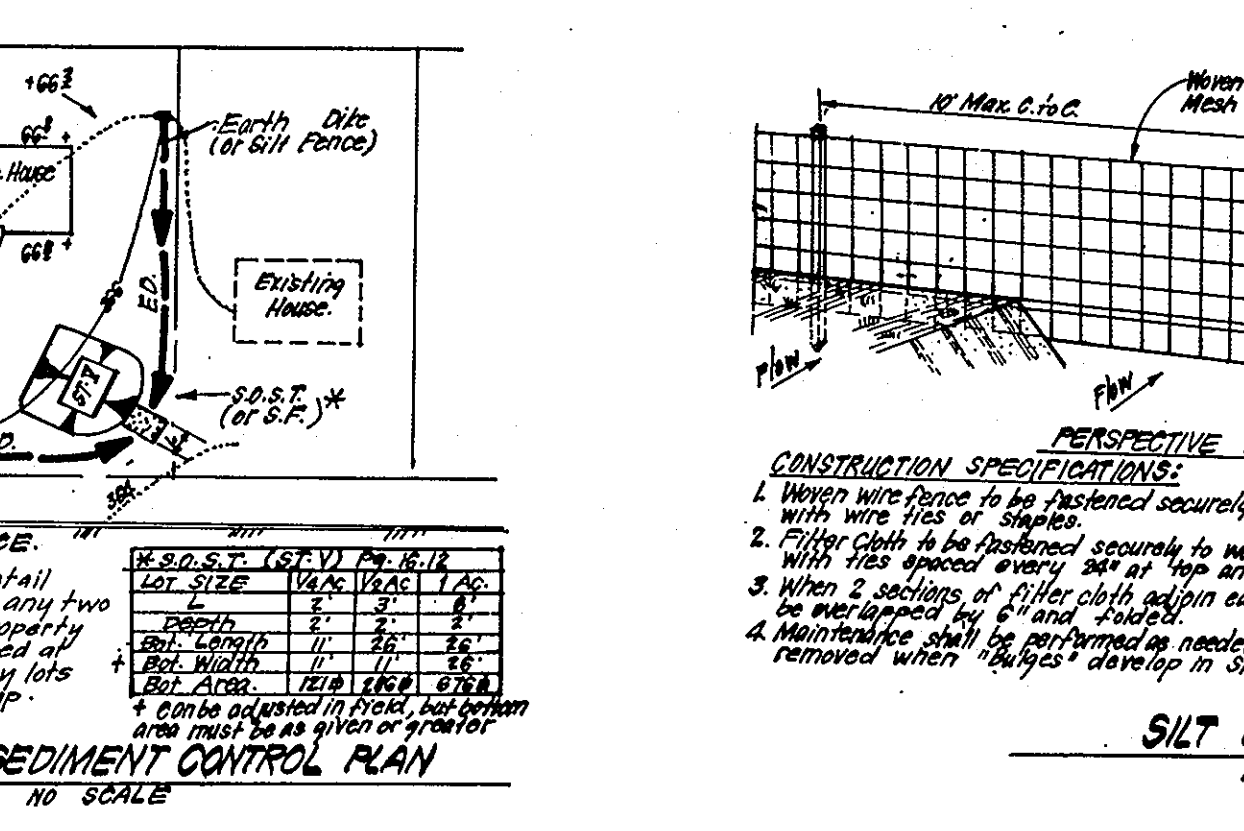
Refer to the 1983 HANTLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.



**CONSTRUCTION SPECIFICATIONS:**

1. Stone size - Use 2" stone, or rounded 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) feet 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 entrance shall be piped across the entrance. If piping is impractical, a maintainable berm with 5:1 slopes will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking of sediment onto public rights-of-way. This may require periodic top dressing with additional stone, be conditionally demanded and repair and/or cleanup of any impurities used to trap sediment. All sediment applied, trapped, 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)**



**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.**  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 10-12-86

**APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING**  
 PLANNING DIRECTOR: *[Signature]* DATE: 10-14-86

**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS**  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: *[Signature]* DATE: 10-1-86

**CHIEF BUREAU OF ENGINEERING**  
 DATE: 10-8-86

**APPROVED DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION**  
 HOWARD COUNTY, MARYLAND  
 DATE: 8-20-86

*[Signature]*

**LEGEND:**

1. Contour Interval 2 FT
2. Existing Contour
3. Proposed Contour
4. Spot Elevation
5. Direction of Drainage
6. Straw Bale Dike or Silt Fence
7. Stabilized Construction Entrance
8. Ex. Trees to be Saved

**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.

*[Signature]* DATE: 7-22-86

**DEVELOPER'S/BUILDER'S CERTIFICATE**

I/we 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.

*[Signature]* DATE: 7-22-86

**CLARK • FINEFROCK & SACKETT**  
 ENGINEERS • PLANNERS • SURVEYORS  
 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 592-7400

**SEDIMENT & EROSION CONTROL PLAN**  
 LOTS A-10 THRU A-21  
**DORSEY HALL**  
 SECTION 2 AREA 2  
 2ND ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

FOR: The Ryland Group Inc. Col. Div.  
 7130 Minstrel Way Suite 215  
 Columbia, Md. 21045

DATE: 7-22-86

SCALE: 1" = 30'

DRAWN: V.H.L. K.W.

CHECKED: J.M.E.

DATE: 7-22-86

JOB NO.: 86-089

FILE NO.: 86-089-5E

SDP-87-18