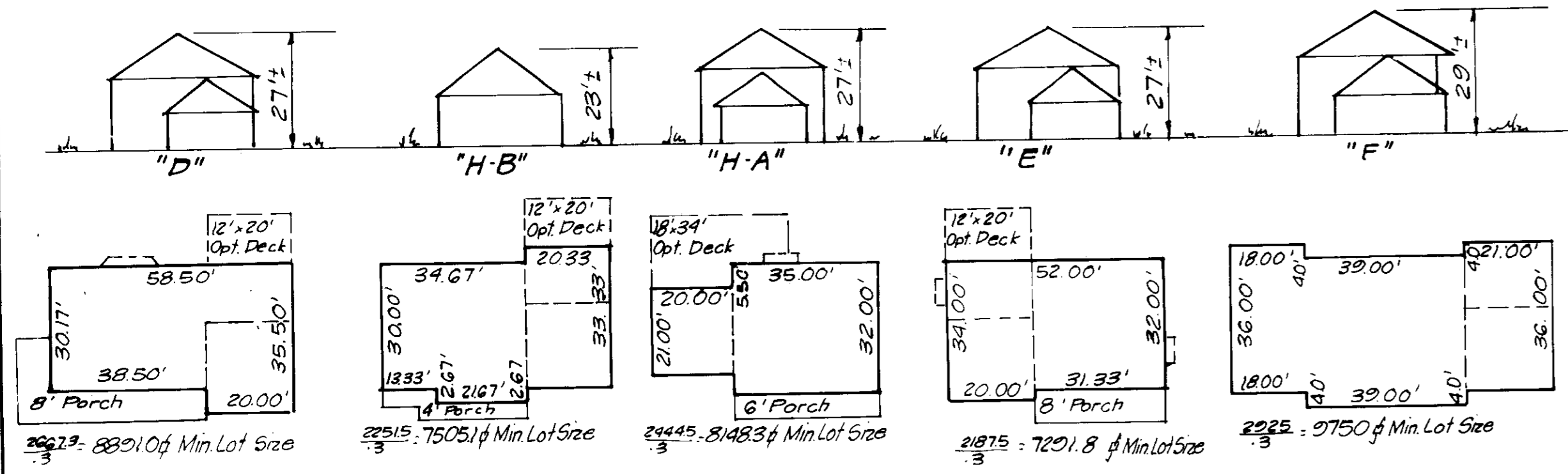


**TYPICAL HOUSES**

Scale: 1" = 30'



**Address Chart**

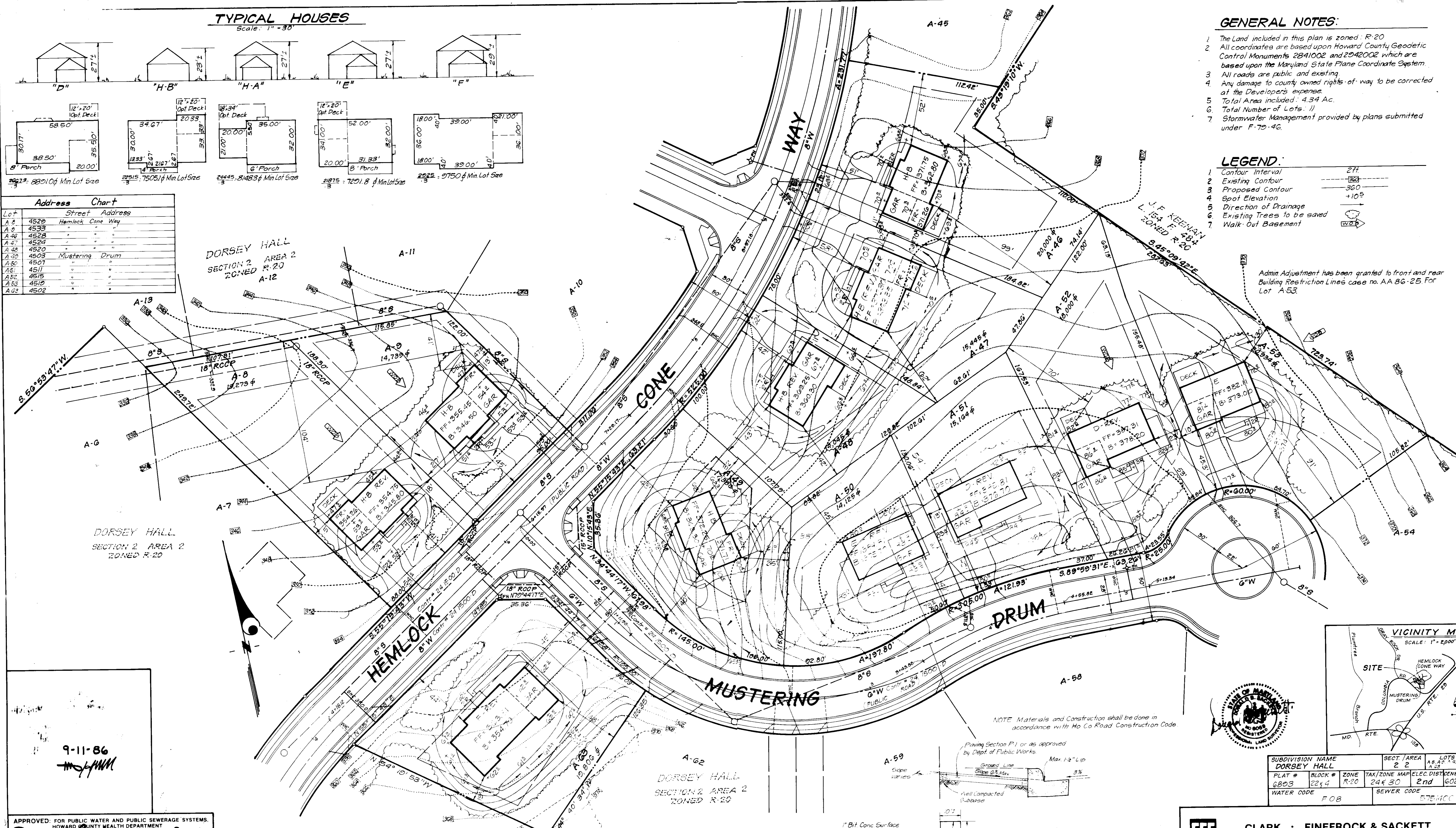
Lot	Street Address
A-8	4529 Hemlock Cone Way
A-9	4533
A-40	4528
A-47	4524
A-45	4520
A-49	4503 Mustering Drum
A-50	4507
A-51	4511
A-52	4515
A-53	4510
A-54	4502

**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: 4.34 Ac.
- Total Number of Lots: 11
- Stormwater Management provided by plans submitted under F-75-46.

**LEGEND:**

- Contour Interval 2ft
- Existing Contour
- Proposed Contour
- Spot Elevation +10.5
- Direction of Drainage
- Existing Trees to be saved
- Walk-Out Basement



Admin Adjustment has been granted to front and rear Building Restriction Lines case no. AA 86-25 For Lot A-53.

9-11-86  
[Signature]

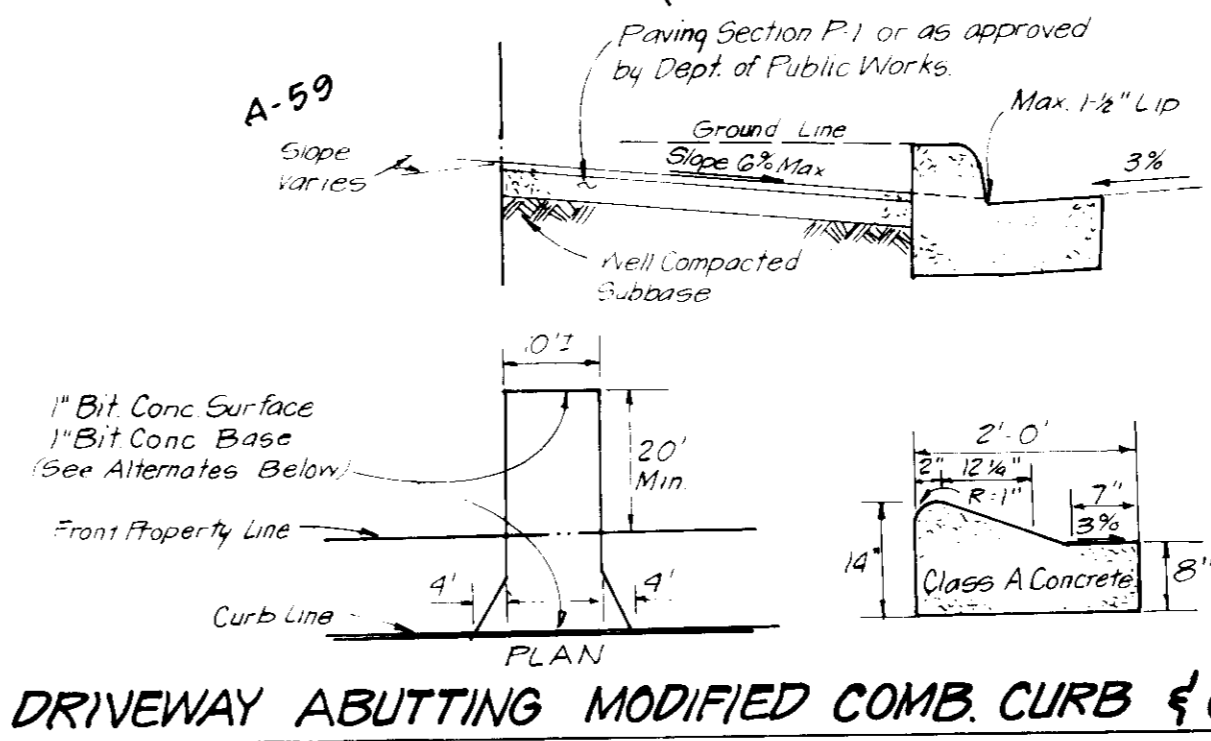
**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.**  
HOWARD COUNTY HEALTH DEPARTMENT  
[Signature] 10-30-86  
COUNTY HEALTH OFFICER DATE

**APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING**  
[Signature] 10-31-86  
PLANNING DIRECTOR DATE

**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS**  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
[Signature] 10-23-86  
DIRECTOR DATE

2 Revised S.H.C. Lot A-63 from Mustering Drum to Hemlock Cone.

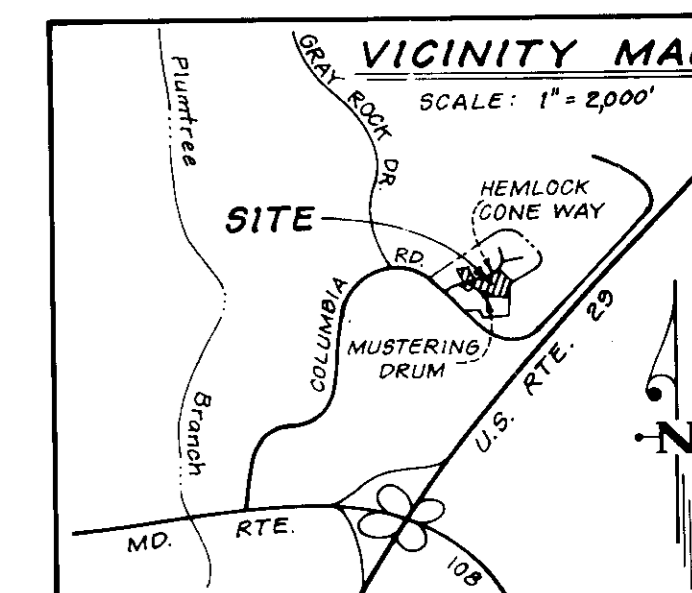
NOTE Materials and Construction shall be done in accordance with Ho Co Road Construction Code



DRIVEWAY ABUTTING MODIFIED COMB CURB & GUTTER \*

ALTERNATE #1  
1" Bit Conc Surface  
1" Bit Conc Base  
5" Gravel

\* See Ho Co Std. R-3 01 for Sfg 7" Comb Curb & Gutter necessary on the Cul De Sac.



SUBDIVISION NAME	SECT / AREA	LOTS
DORSEY HALL	2 2	A-8, A-9, A-40-A-53, A-54
PLAT #	BLOCK #	ZONE
6803	2244	R-20
TAX / ZONE MAP	ELEC. DIST.	GEN. SURT.
24630	2nd	6023.0
WATER CODE	SEWER CODE	
F08	575HCC	

**CLARK · FINEFROCK & SACKETT**  
ENGINEERS · PLANNERS · SURVEYORS  
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED BAF  
DRAWN LAI  
CHECKED JME  
DATE JULY, 1986

**SITE DEVELOPMENT PLAN**  
LOTS A-8, A-9, A-40 THRU A-53 + A-63  
**DORSEY HALL**  
A RESUBDIVISION OF PARCEL A SECTION 2 AREA 2 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND

FOR: WILLIAMSBURG BUILDERS  
P.O. Box 1018  
Columbia, Maryland 21044

SCALE 1" = 30'  
DRAWING 1 of 2  
JOB NO. 86-042  
FILE NO. 86-042 X



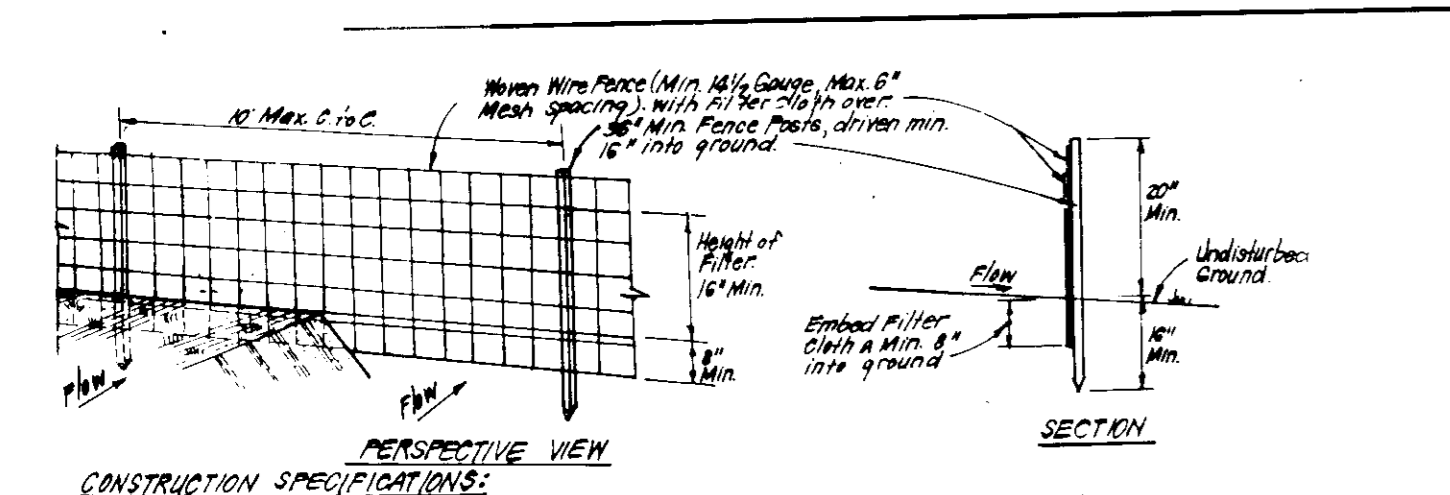
Apply to graded or cleared areas not subject to immediate further disturbance where a permanent lived vegetative cover is needed.
Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.
Soil Amendments: In lieu of soil test recommendations, 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, apply 400 lbs Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 20-20-0 urea-form 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 15 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 straw anchoring tool or 2 1/2 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 3 feet or higher, use 3 1/2 gallons per acre (6 gal/1000 sq ft) for anchoring.
Maintenance - Inspect all seeded areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

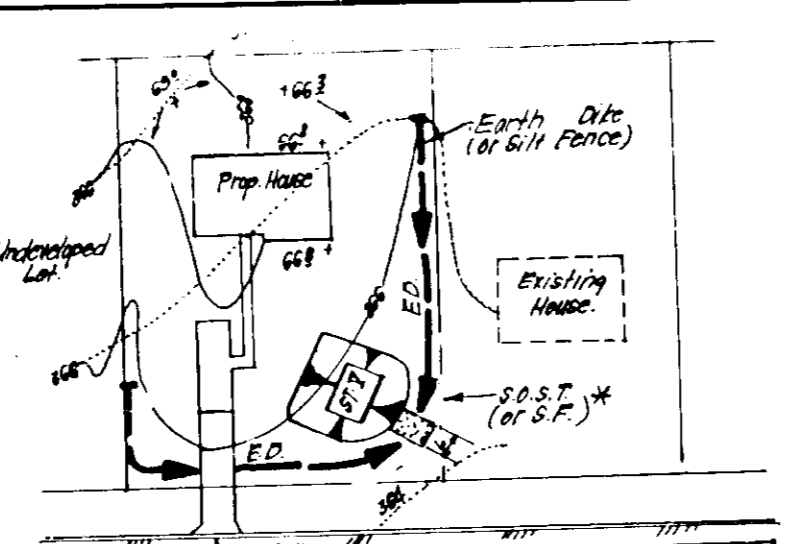
Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.
Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.
Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).
Seeding - For periods March 1 thru April 30 and from August 15 thru November 15, seed with 25 bushels per acre of annual ryegrass (1.2 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 2 1/2 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 3 ft or higher, use 3 1/2 gal per acre (6 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.

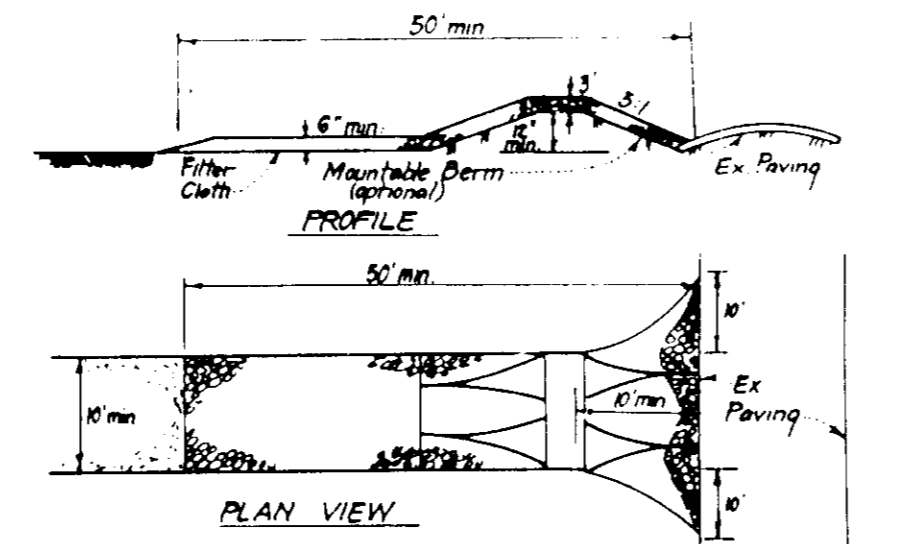


CONSTRUCTION SPECIFICATIONS:
1. Woven wire fabric to be fastened securely to fence posts with wire ties or staples.
2. Filter cloth to be fastened securely to woven wire fabric with wire staples every 24" up and down sections.
3. When 2 sections of filter cloth join each other they shall be overlapped by 12" and secured with wire staples.
4. Maintenance shall be performed as needed and material removed when "blow" develops in material.
POSTS: Steel either Type U Type or 2" hardwood.
FENCE: Woven Wire 1/4" Gauge by Max. Mesh Opening.
FILTER CLOTH: Filter, Miraflex 800, 3/16" x 1/8" or Approved.
PREPARATED UNIT: Spools, 20' x 100', 1/2" x 1/2" equal.

- LEGEND:
1. Contour Interval 2 FT.
2. Existing Contour 340
3. Proposed Contour 340
4. Spot Elevation 405
5. Direction of Drainage
6. Straw Bale Dike or Silt Fence
7. Stabilized Construction Entrance

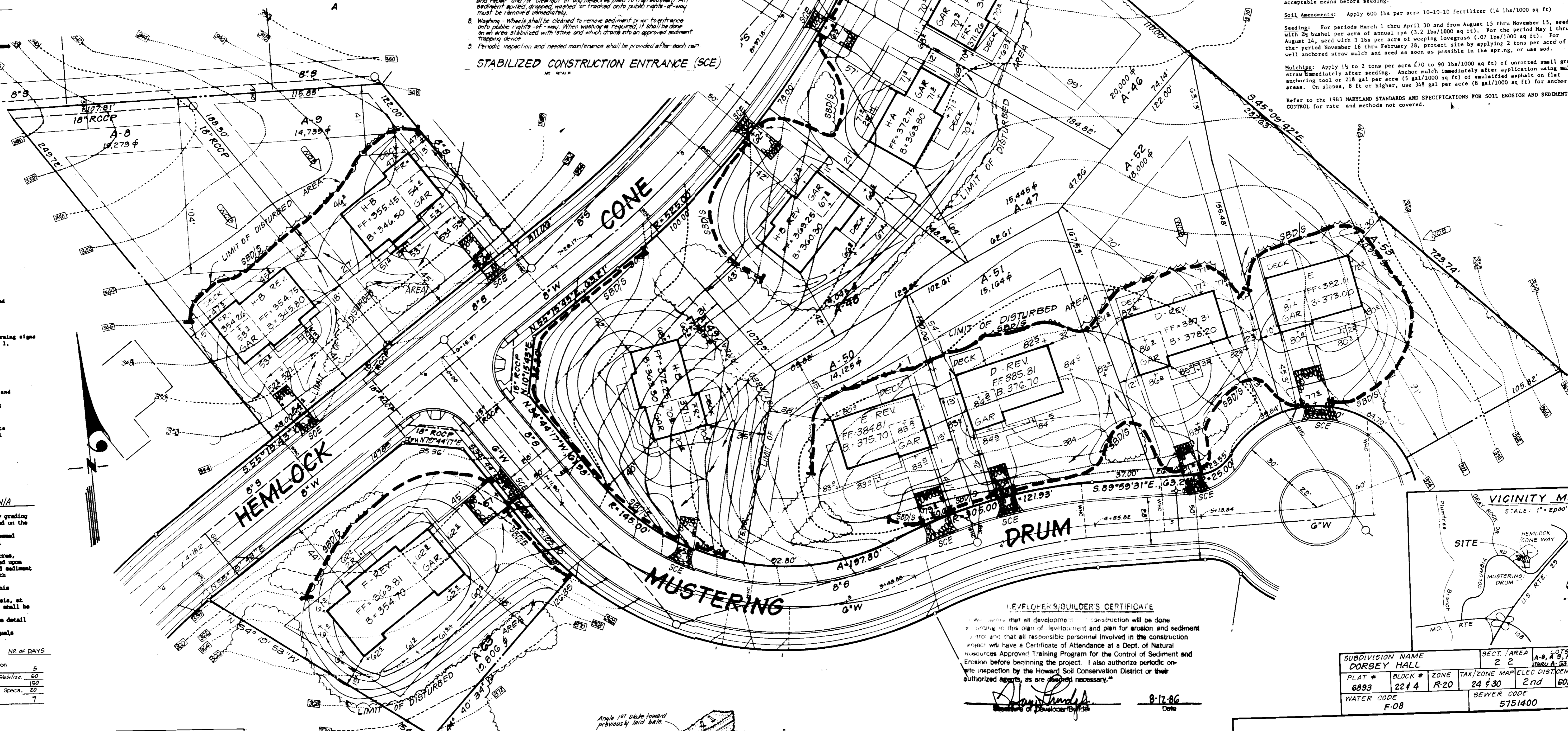


\* NOTE: Single lot sediment control can not be utilized if any two lots sharing common property lines are to be subdivided and a single sediment trap must be provided for each lot showing a sediment trap.



- 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 of any 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 slope (any residential).
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mound side berm with 5:1 slope 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/or use of a vacuum or other means to trap sediment. All equipment applied, dragged, 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)



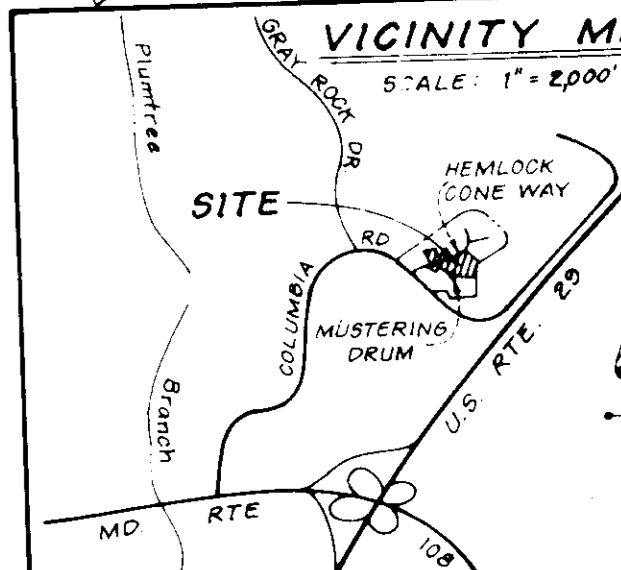
SEDIMENT CONTROL NOTES

- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction.
2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance 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 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1. b) 14 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 12, 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 (Sec. 51) and (Sec. 52). Temporary stabilization using mulch alone can only be done when recommended seeding dates 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 4.32 Acres
Area Disturbed 2.12 Acres
Area to be vegetated or paved 0.65 Acres
Area to be vegetatively stabilized 1.55 Acres
Total Cut 4910 Cu. yds
Total Fill 4822 Cu. yds
Office waste/borrow area location N/A
8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
9) Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
10) On all sites with disturbed areas in excess of 3 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
11) If houses are to be constructed on an "As-Built" basis, at random, Single Lot Sediment Control as shown below shall be implemented.
12) All pipes to be blocked at the end of each day (see detail below).
13) The total amount of straw bale dikes/silt fences equals 1410 L.F.

CONSTRUCTION REQUIREMENTS table with columns for activity and number of days.

DEVELOPER'S/BUILDER'S CERTIFICATE
I hereby certify that all development and construction will be done in accordance with 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: [Signature] Date: 8-12-86

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: [Signature] Date: 8-12-86

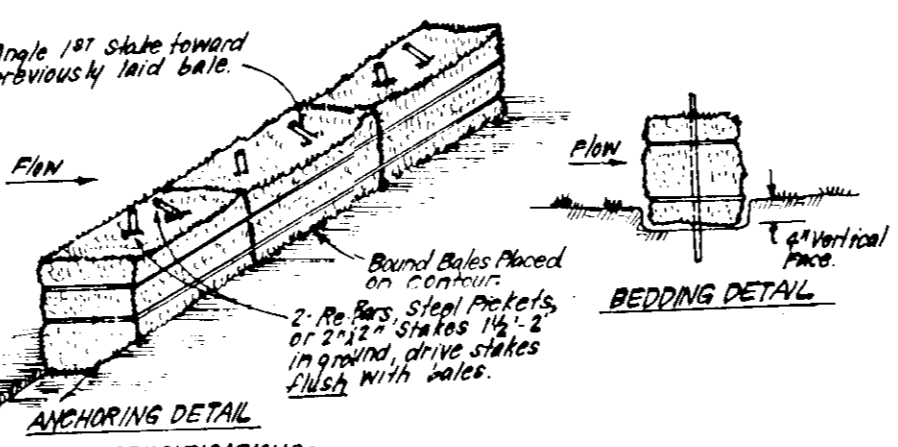


SUBDIVISION NAME, PLAT #, BLOCK #, ZONE, TAX, ZONE MAP, ELEC DIST, DISTRICT, WATER CODE, SEWER CODE table.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING.
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

APPROVED DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION, HOWARD COUNTY, MARYLAND.
DATE: 9-11-86

U.S. Soil Conservation Service.
FOR THIS DEVELOPMENT PLAN'S APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.



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 minimum 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 1/2" stake in each bale shall be driven through the previously laid bale at an angle to force the bales together. Stakes shall be replaced and repair replacement shall be made promptly as needed.
4. Inspection shall be required and repair replacement shall be made promptly as needed.
5. Bales shall be removed when they have served their usefulness as well as not to block or impede storm flow or drainage.
STRAW BALE DIKE DETAIL (SBD) NO SCALE

CLARK FINEFROCK & SACKETT ENGINEERS - PLANNERS - SURVEYORS.
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400.
DESIGNED D.T. DRAWN LAI, R.W. CHECKED D.T. DATE JULY, 1980.
FOR WILLIAMSBURG BUILDERS P.O. Box 1018 Columbia, Maryland 21044.
SCALE 1" = 30'. DRAWING 2 of 2. JOB NO. 86-042. FILE NO. 86-0425E.
SDP-87-33