

**PERMANENT SEEDING NOTES**

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

**Seeding 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:

- 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 (21 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 (14 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 28, protect site by: 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.

**Maintenance:** Inspect all seeded areas and make needed repairs, replacements and reseedings.

**TEMPORARY SEEDING NOTES**

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

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

**Soil Amendments:** Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

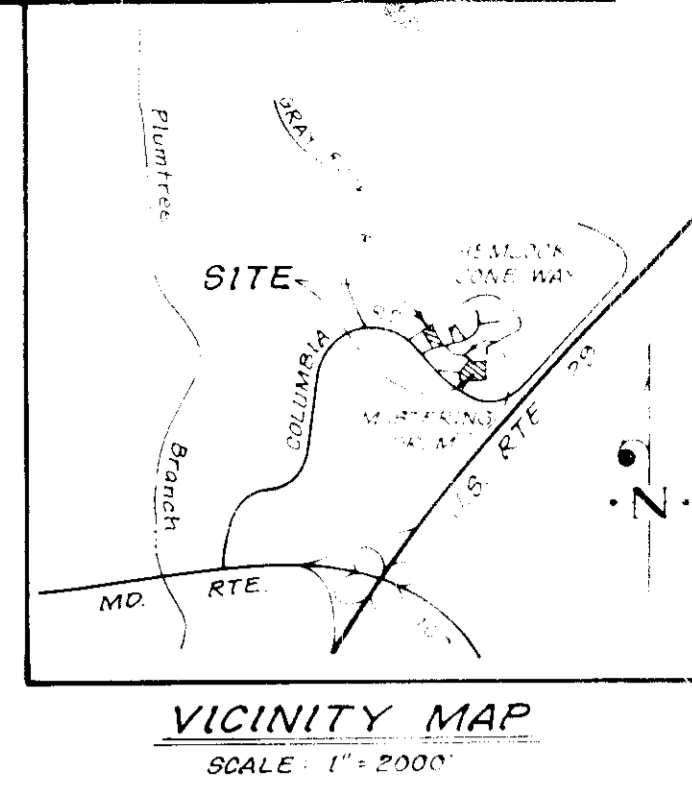
**Seeding:** For periods March 1 thru April 30 and from August 15 thru November 15, seed with 28 lbs per acre of annual ryegrass (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as much 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 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet 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.

**SEDIMENT CONTROL NOTES**

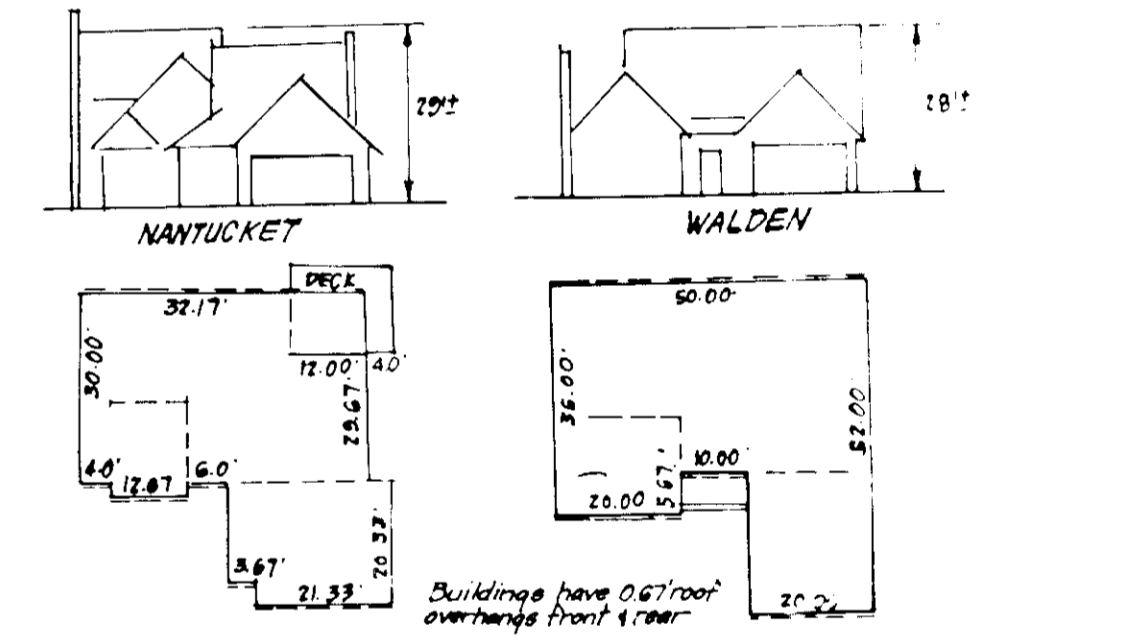
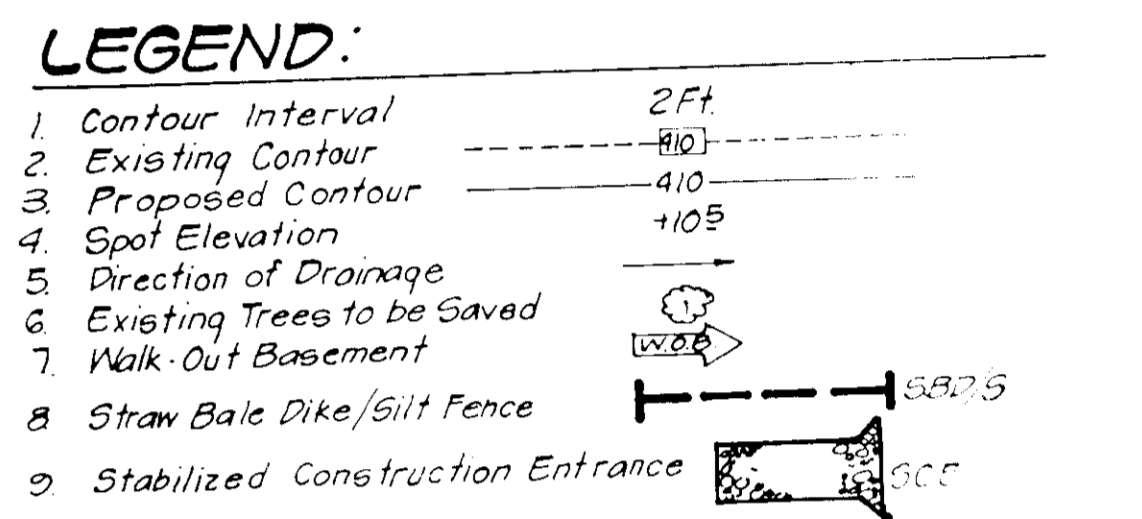
- 1) A minimum of 24-hour notice must be given to the Howard County Office of Inspection and Permitting prior to the start of any construction. (1922-2437)
- 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 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 11, 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. 32) and (Sec. 54), temporary seedings (Sec. 50) and mulching (Sec. 52). Temporary stabilization with 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: 1.80 Acres  
Area Disturbed: 0.52 Acres  
Area to be roofed or paved: 0.52 Acres  
Area to be vegetatively stabilized: 0.52 Acres  
Total Cut: 460 Cu. yds  
Total Fill: 1100 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. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
- 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 2 acres, approval of the inspection agency shall be required 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 "half-lot" levels, at 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) N/A
- 13) The total amount of straw bales/silt fence equals 200 L.P.



**GENERAL NOTES:**

1. The land included in this plan is zoned: R-20
2. All coordinates are based upon Howard County Geodetic Control Monuments 2841002 and 2942002 which are based upon the Maryland State Plane Coordinate System
3. All roads are public and existing
4. Any damage to county owned rights-of-way to be corrected at the Developer's expense.
5. Total Area included: 1.8 Ac.
6. Total Number of Lots: 4

Stormwater management provided by plans submitted under F 79-44.



**TYPICAL HOUSES**

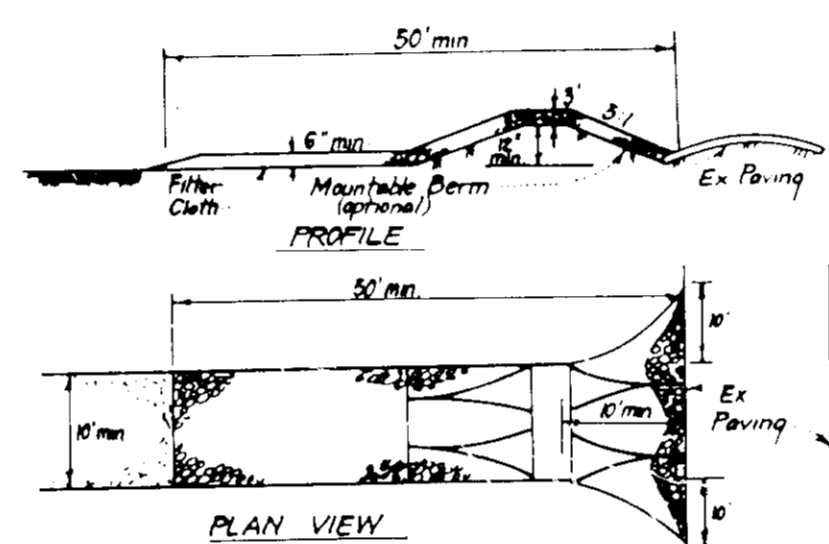
NO SCALE

**LOT Coverage:**

1. Nantucket:  $(31.34 \times 44.17) + (25.0 \times 22.0) + (4.0 \times 22.0) + (10.33 \times 6) = 2044.04 \pm 0.3 = 6815 \text{ sq ft}$
2. Walden:  $(37.34 \times 20.0) + (31.67 \times 10.1) + (53.34 \times 20) + (5.67 \times 10) = 2187 \pm 0.3 = 7230 \text{ sq ft}$

LOT No.	STREET	ADDRESS
A-4	4513	Hemlock Cone Way
A-5	4517	" " " "
A-6	4521	" " " "
A-7	4525	" " " "

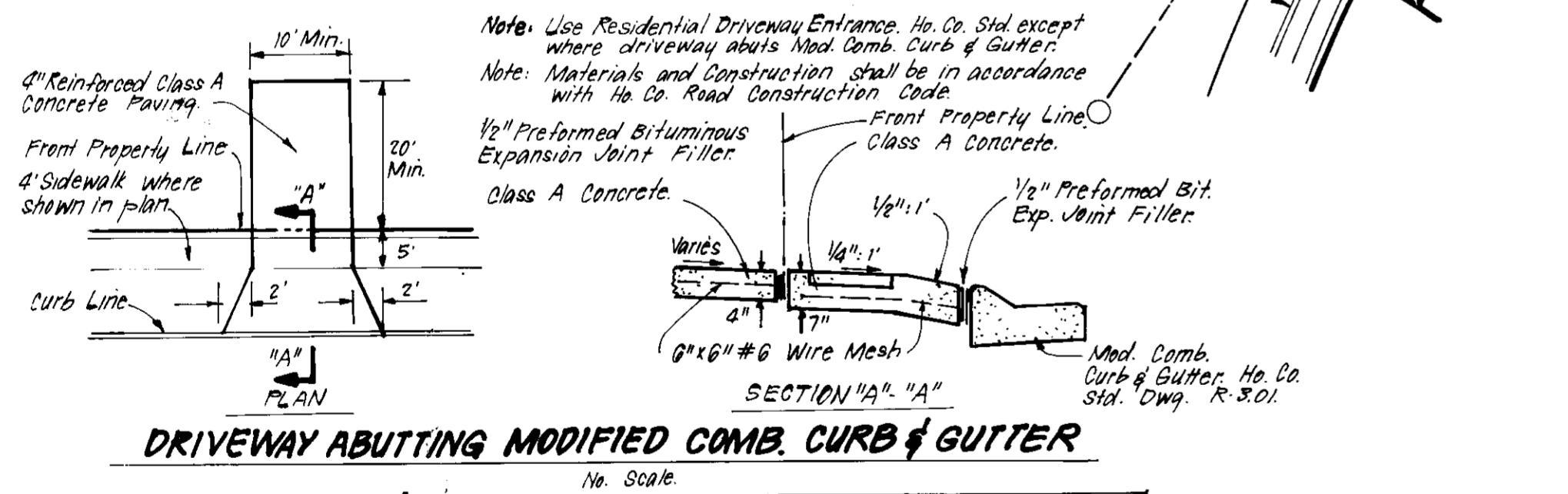
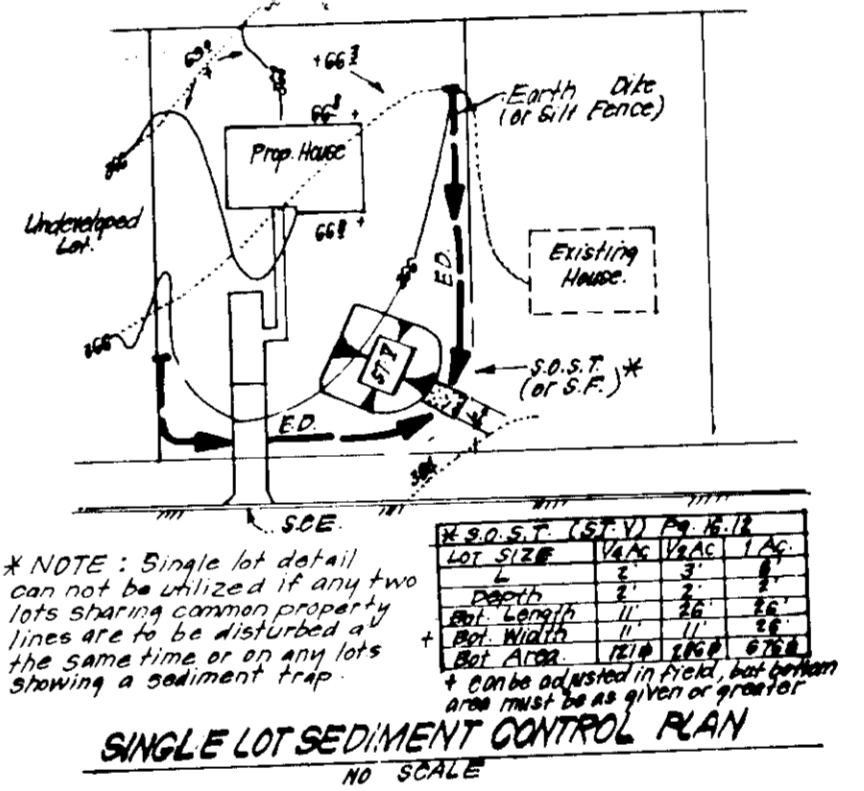
SUBDIVISION NAME	SECT./AREA	LOTS A THROUGH
DORSEY HALL	2/2	
PLAT #	BLOCK #	ZONE
6803	22	R-20
TAX/ZONE MAP/ELEC DIST	24	2nd 60230
WATER CODE	FOB	SEWER CODE
		575/1400



**CONSTRUCTION SPECIFICATIONS:**

1. Stone size - Use 2" stone or recycled concrete equivalent.
2. Length - As required, but not less than 50 lbs/l, except on a simple 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 cloth to be secured over some family residence lot.
6. Surface Water - All surface water flowing on diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5' 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 construction demand and repair work or cleanup. If any repairs used to trap sediment all sediment applied, 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 to an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided after each rain.

**STABILIZED CONSTRUCTION ENTRANCE (SCE)**



**DRIVEWAY ABUTTING MODIFIED COMB. CURB & GUTTER**

NO SCALE

Note: Use Residential Driveway Entrance, Ho. Co. Std. except where driveway abuts Med. Comb. Curb & Gutter.

Note: Materials and Construction shall be in accordance with Ho. Co. Road Construction Code.

1/2" Preformed Bituminous Expansion Joint Filler

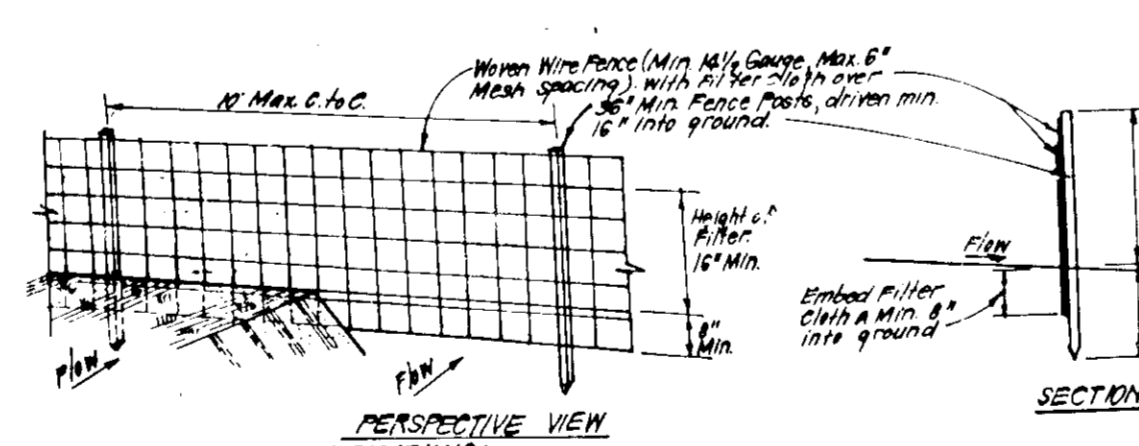
Class A Concrete

Front Property Line

Class A Concrete

1/4" Preformed Bit. Exp. Joint Filler

Med. Comb. Curb & Gutter, Ho. Co. Std. Dwg. R-301

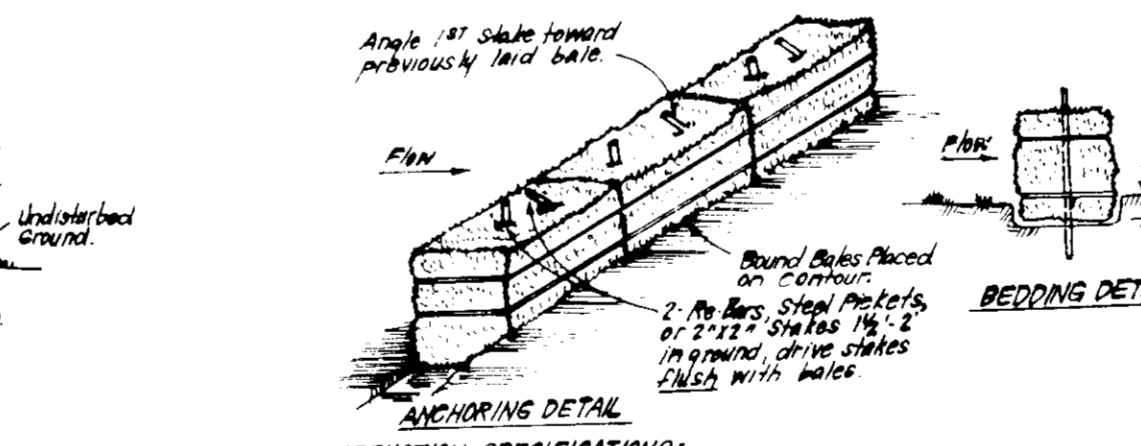


**SILT FENCE DETAIL (S)**

NO SCALE

**CONSTRUCTION SPECIFICATIONS:**

1. Posts: 1/2" steel pipe or 2" diameter wood.
2. FENCE: Heavy Wire, 1/4" dia, 6" Max. Mesh Opening.
3. Filter Cloth: Filter, Miraflex, or equivalent.
4. Maintenance: Shall be performed as needed and material removed when "blowby" develops in silt fence.



**STRAW BALE DIKE DETAIL (SBD)**

NO SCALE

**CONSTRUCTION SPECIFICATIONS:**

1. Bales shall be placed at the top of a slope or 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 secured together in place by either 2 stakes or 17 bars driven thru the bale.
4. Stakes shall be driven toward the previously laid bale at an angle to force the bales together. Stakes shall be driven 2' into the soil.
5. Inspection shall be frequent and repair/replacement shall be made promptly as needed.
6. Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

Reviewed for: [Signature]

and meets Technical Requirements

James M. [Signature] 11/14/86

Signature: [Signature]

U.S. Soil Conservation Service

THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY: [Signature]

Approved: [Signature] 11-14-86

**ENGINEER'S CERTIFICATE**

I hereby certify that this plan for erosion and sediment control represents a practical and workable design based on my personal knowledge of the site and that it was prepared in accordance with the requirements of the Howard County Department of Public Works.

John F. McDonough III 8-3-86

John F. McDonough III



**CLARK · FINEFROCK & SACKETT**

ENGINEERS · PLANNERS · SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904

DESIGNED: B.A.F.

DRAWN: L.A.I.

CHECKED: K.W.

DATE: 8-1-86

**SITE DEVELOPMENT AND SEDIMENT & EROSION CONTROL PLAN**

**DORSEY HALL**

A RESUBDIVISION OF PARCEL A SECTION 2 AREA 2 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND

FOR: McDONOUGH BUILDERS, INC. 6310 Stevens Forest Road # 104 Columbia, Maryland 21046

SCALE: 1" = 30'

DRAWING: 1 OF 1

JOB NO: 86-052

FILE NO: 86-154

**SDP-87-25**

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

11-12-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

11-14-86

11-14-86

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

11-10-86

11-10-86