





FENCE DETAIL (NOT TO SCALE)

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

Woven wire fence to be fastened securely to fence posts with wire ties or staples. Filter cloth to be fastened securely to woven wire fence with ties spaced every 24" at top

and mid section. 3. When two sections of filter cloth adjoin each other they shall be overlapped by six

inches and folded. 4. Maintenance shall be performed as needed and material removed when bulges develop in the silt fence.

Posts: Steel either T or U type or 2 inch hardwood. Fence: Woven wire, 14½ gauge 6 inch max. mesh opening. Filter Cloth: Filter X. Mirafi 100X. Stabilinka T140N, or approved equal. Prefabricated Unit: Geofab,

equal.

Envirofence or approved

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

SEQUENCE OF CONSTRUCTION

Install sediment and erosion control devices according to plan.

4. Install silt fence daily along the low side of the limits of construction.

6. Restabilize all disturbed areas in accordance with permanent

TEMPORARY SEEDING NOTES

acceptible means before seeding, if not previously loosened.

Apply to graded or cleared areas likely to be redisturbed where a short-term

Seedbed preparation: Loosen upper three inches of soil by raking, discing or other

Seeding: -- For periods March 1 thru April 30 and from August 15 thru October 15, seed

acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

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 8ft or higher, use 348 gal. per acre (8 gal. / 1000 sq. ft.)

with 2.5 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)

Mulching: -- Apply 15 to 2 tons per acre (70 to 90 lbs./1000 sq.ft.) of unrotted

For the period November 16 thru February 28, protect site by applying 2 tons per

Soil Amendments: -- Apply 60 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.).

7. Upon approval of Howard County Sediment Control Inspector, remove all

Clear and grub right-of-way ahead of construction by no more than

This silt fence shall be removed as construction proceeds upstream when

the disturbed area has been stabilized and with approval of the Howard

County Sediment Control inspector Fill must be placed on upland side of trench. 5. Complete construction of sanitary sewer main, limiting open trench to one

Contractor shall obtain a grading permit:

one pipe length.

pipe length at a time.

vegetative cover is needed.

for anchoring

sediment control devices.

RESTORATION SCHEDULE LOCATION DISTANCE TYPE PAVING MH 1,0+00 to MH 2,3+00 300 L.F. PAVING MHZ,0+00 +0 MH3, 3+028 302.8 L.F. 18 L.F. PAVING MH3.0+00 +0 STA.0+18 STA.0+18 + STA 3+68 350 L.F. SEED & MULCH STA.3+68 +0 MH4,3+81 13 L.F PAVING 8 L.F. PAVING MH4.0+00 to STA.0+08 SEED & MULCH STA.0+08+0STA.0+65 57 L.F. STA.0+65+0MH5,0+72 7 L.F. PAVING MH 5.0+00 toMH6.2+54 254 L.F. PAVING

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:
- 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 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. 51) sod (Sec. 54), temporary seeding (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.
- 5. 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 County Inspector.
- 6. Site Analysis: Total Area of Site ____.<u>14</u>__Acres Area Disturbed Area to be roofed or paved ______ Acres _____.06____Acres — Area to be vegetatively stabilized 714 Cu.yds. Total Cut 714 __ Cu. yds. Total Fill Offsite waste/borrow area location ALPHA RIDGE
- 7. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- 8. Additional sediment controls must be provided, if deemed necessary by the Howard County DPW sediment control Inspector.
- 9. On all sites with disturbed areas in excess of 2 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.

PERMANENT SEEDING NOTES

Seedbed Preparation: Loosen upper 3 Inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: 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 3 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 (921bs/1000sq.ft.) and 1000 lbs. per acre 10-10-10 fertilizer (23 lbs./1000sq.ft) before seeding. Harrow or disc into upper 3

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 21bs. 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. per acre Kentucky 31 Tall Fescue and mulch with 2 tons peracre well anchored straw.

Mulching - Apply 1.5 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 wood cellulose binders.

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

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 Attendence at a Department of the Environment 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

ncies & Perly 9.24-90 Signature of Developer d Print name below signature

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

Signature of Engineer

Conservation District."

Evi G. Hamon

Enc A. Hasson

Signature of Engineer 8.28.90

Print name below signature

H.S.M. JOB NO. 40380

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

op. 45.9 glass & misses

HARRIS, SMARIGA, MATZ, INC.

104 CHURCH LANE SUITE 100 BALTIMORE, MARYLAND 21208



DATE: 9-18-90	BY	NO.	REVISION	DATE	600' SCALE MAP NO38
					•
снк: Е.А.Н.					
					CONTRACT
DRN: J.S.B.					
DEG. 0.0.D.					8" SEWER EX
DES: J.S.B.					

8" SEWER EXTENSION CONTRACT NO. 10-3041

BLOCK NO: _

WINTERS LANE SEWER ELECTION DISTRICT No. I HOWARD COUNTY, MARYLAND

CAPITAL PROJECT S-616Z

SCALE AS SHOWN

SHEET 2 OF 2