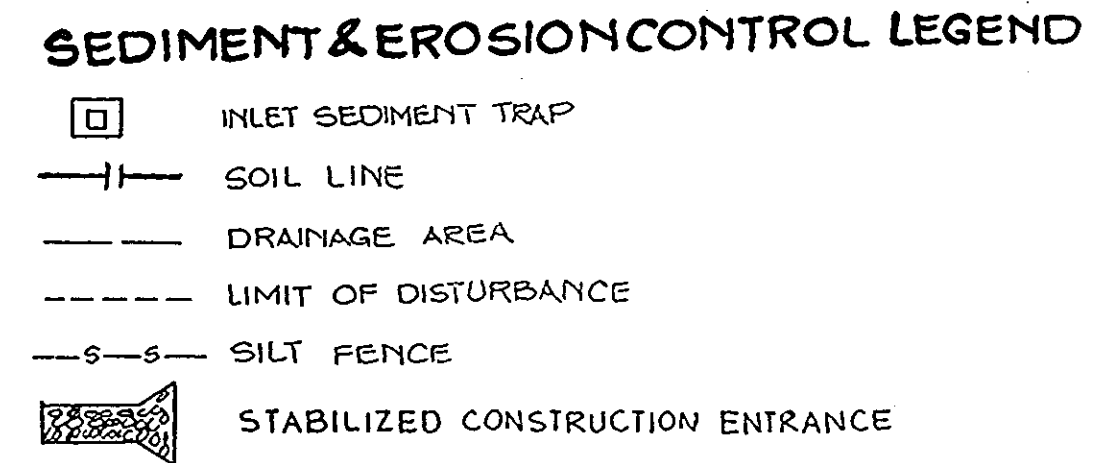
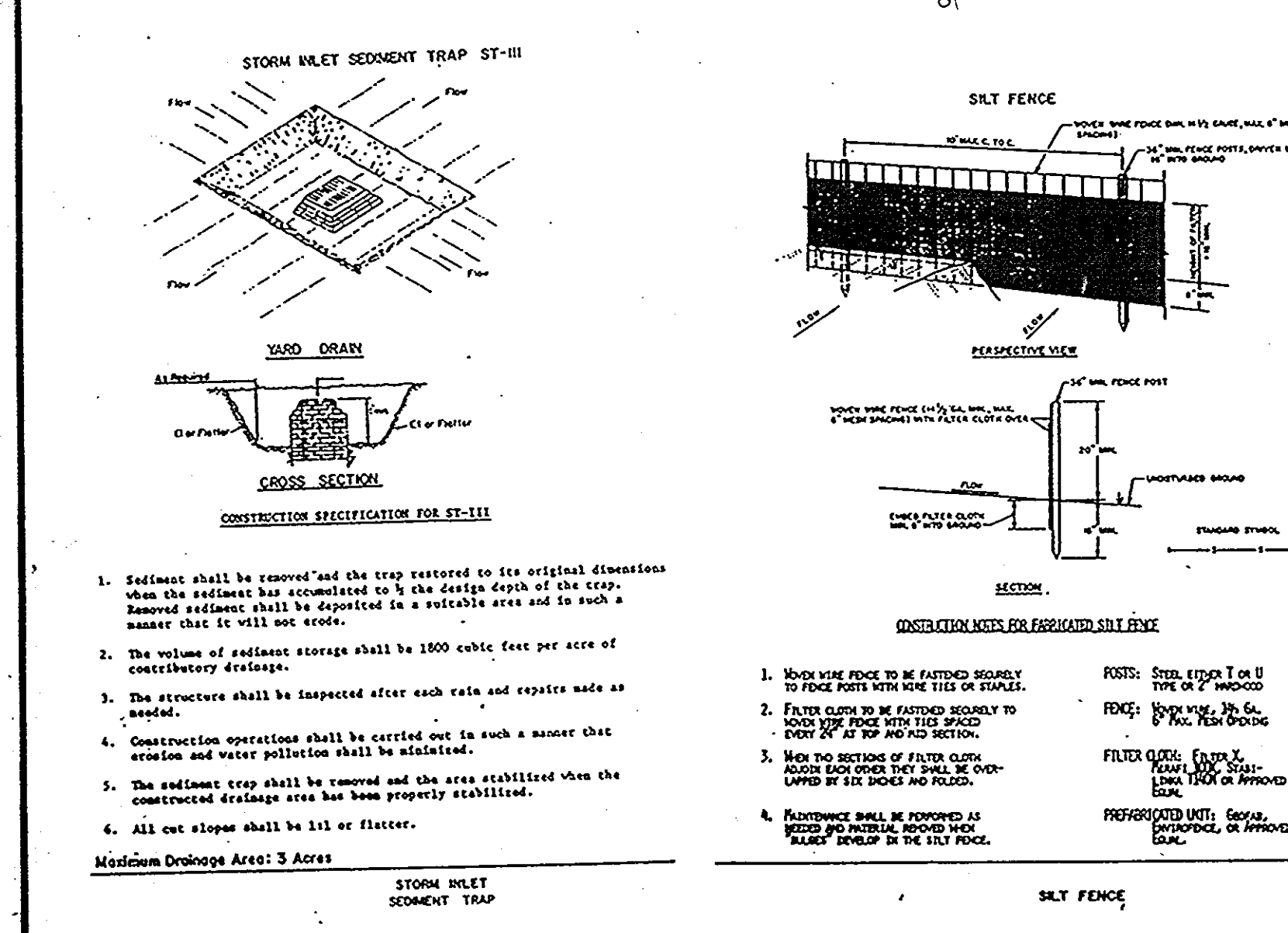


INLET SEDIMENT TRAP
 DRAINAGE AREA 0.44 AC.
 STORAGE REQUIRED 792 S.F.
 STORAGE PROVIDED 870 S.F.
 TOP EL. INLET OPENING EL. 459.0
 BOTTOM EL. 457.0
 CLEAR OUT EL. 458.25
 BOTTOM DIM. 16'x16'
 SIDE SLOPE 1:10



- SEQUENCE OF CONSTRUCTION**
1. Obtain grading permit.
 2. Notify Howard County Office of Inspection and Permits at 992-2437 a minimum of 24 hours prior to the start of any work.
 3. Construct inlet sediment trap.
 4. Install silt fences.
 5. Clear and grade the site.
 6. Construct steps, pavements and other structures.
 7. The contractor will clean the sediment trap when the silt reaches the cleanout elevation.
 8. Seed and mulch all disturbed areas.
 9. With the permission of Sediment Control Inspector, remove all sediment control measures.

PLAN
 SCALE: 1"=30'



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

Soil Preparation: Loosen upper three inches of soil by raking, diking or other acceptable means before seeding, if not previously loosened.

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 500 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Narrow or disk into upper three inches of soil. At time of seeding, apply 400 lbs per acre 10-0-0 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. Narrow or disk into upper three inches of soil.

Seeding - For the periods March 1 thru April 30, and August 1 thru October 15, seed with 50 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 (0.5 lbs/1000 sq ft) of vernalis lespedeza. During the period October 16 thru February 29, protect site by applying (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Seed with 50 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 match 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 re-disturbed where a short-term vegetative cover is needed.

Soil Preparation: Loosen upper three inches of soil by raking, diking or other acceptable means before seeding, if not previously loosened.

Soil Amendments: Apply 60 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft), seed with 50 lbs/1000 sq ft of annual ryegrass (3.1 lbs/1000 sq ft). For the period May 1 thru August 31, seed with 3 lbs per acre of vernalis lespedeza (0.7 lbs/1000 sq ft). For the period November 16 thru February 29, 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 match 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 1993 HANDBOOK STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION WITH SOB

VEGETATIVE STABILIZATION WITH SOB

SPECIFICATIONS

1. Class of Contractor shall be Maryland or Virginia State Certified, or Maryland or Virginia State approved soil.
2. Soil shall be worked out to a uniform soil thickness of 3/4 inch, plus or minus 1/8 inch, at the time of cutting. Measurement for thickness shall include top growth and thatch.
3. Standard site conditions of soil shall be strong enough to support their own weight and retain their size and shape when suspended vertically with a firm grasp on the upper 10 percent of the surface.
4. Individual pieces of soil shall be cut to the specified width and length. Maximum allowable deviation from standard width and length shall be 3 percent. Broken pads and core or uneven cuts will not be acceptable.
5. Soil shall not be harvested or reconditioned when surface contact (concretely dry or wet) may adversely affect its survival.
6. Soil shall be harvested, delivered and installed within a period of 36 hours. Soil not transported within this period shall be inspected and approved prior to its installation.

Site Preparation
 Fertilizer and lime application rates shall be determined by soil tests. Under unusual circumstances where there is insufficient time for a complete soil test, fertilizer and lime materials may be applied in amounts shown under 3, below.

1. **Prior to seeding:** the surface shall be cleared of all trash, debris, and all roots, brush, vines, grade stakes and other objects that would interfere with planting, fertilizing or maintenance operations.
2. **When the soil to be used is composed of heavy clay, ground limestone shall be spread at the rate of 2 tons/acre or 100 pounds per 1,000 square feet. All soil will be 1,000 pounds per acre or 25 pounds per 1,000 square feet of 10-10-10 fertilizer or equivalent shall be uniformly applied and mixed into the top 3 inches of soil with the required lime.**
3. **All areas receiving soil shall be uniformly firm graded. Strip-tillage work shall be performed prior to placement of soil.**

GENERAL NOTES

- 1) Refer to "1993 Maryland Standards and Specifications for Soil Erosion and Sediment Control" (an electronic document and selected applications of each practice specified herein).
- 2) With the approval of the sediment control inspector, minor field adjustments can and will be made to insure the control of any sediment. Changes in sediment control practices shall be approved by the sediment control inspector and the County Soil Conservation District.
- 3) At the end of each working day, all sediment control practices will be inspected and left in operational condition.
- 4) Following initial soil disturbance on construction, placement of temporary stabilization shall be completed within a 24 hour calendar days as to the surface of all perimeter concrete, dikes, walls, ditches, perimeter slopes, and all slope grades (as 3) indicated on 1) standard (3) and b) fourteen days as to all other disturbed or graded areas on the project site.
- 5) Any change to the grading prepared on this plan requires re-submission to HOWARD COUNTY SOIL CONSERVATION DISTRICT (as approved).
- 6) **Dust control will be provided for all disturbed areas. Refer to 1993 Maryland Standards and Specifications for Soil Erosion and Sediment Control, pp. 107, and 111 for acceptable methods and applications for dust control.**
- 7) Any violation from the sequence of operations stated on this plan requires the approval of the sediment control inspector and the County Soil Conservation District prior to the initiation of the change. The following items may be used as applicable:
 a) Excise cut or borrow material shall go to or from firm, respectively, a site with an approved sediment control plan.
 b) The following items may be used as applicable:
 1) Refer to Maryland's Guidelines for Wetland Construction by the Water Resources Administration (WRM), dated January, 1991 for detailed details and detailed specifications of each practice specified herein for wetland construction.

STABILIZED CONSTRUCTION ENTRANCE
 not to scale

STANDARD SYMBOL

CONSTRUCTION SPECIFICATIONS

1. Stone Size - One 2" stone, or crushed or recycled concrete equivalent.
2. Depth - As required, but not less than 10 feet except on a single red-wood log where a 20 foot minimum length would apply.
3. Thickness - Not less than 18" (4) 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 sturdy redwood log.
6. Surface Water - All surface water flowing or diverted toward construction entrance shall be piped across the entrance. If piping is impractical, a minimum 18" hole with 18" stone will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleaning of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public right-of-way must be removed immediately.
8. Washing - Vehicle shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area established 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

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

James M. Helm 4-30-90
 COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
John M. Helm 5-2-90
 DIRECTOR DATE

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

James P. Helm 4/26/90
 DIRECTOR DATE

James P. Helm 4-26-90
 CHIEF BUREAU OF ENGINEERING DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

James M. Helm 2/23/90
 U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT

APPROVED

John A. Robertson 2/23/90
 DISTRICT CHIEF HOWARD COUNTY CONSERVATION DISTRICT DATE

APPROVED PLANNING BOARD OF HOWARD COUNTY

DATE 1-31-90

45

SEDGHI & ASSOCIATES LTD.
 ENGINEERS - SITE PLANNERS - SURVEYORS
 5117 CORPORATE COURT
 BELLECHIE CITY, MD 21045
 (301)760-3003

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 COUNTY CONSERVATION DISTRICT

James M. Helm
 SIGNATURE OF ENGINEER

1-16-1990
 DATE

DEVELOPER'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 DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD COUNTY CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY

James M. Helm
 SIGNATURE OF DEVELOPER

Feb. 20 1990
 DATE

SUBDIVISION NAME	VILLAGE OF WILDE LAKE	SECTION AREA	4	LOT NO.	4
PLAT NO.	12/43	DATE	24 N.T.O.S.	29	5TH 6052.01
WATER CODE	F-32	SEWER CODE	5602500		
DESIGNED	M.S.	AMENDMENT TO SDP-85-204 & SDP-73-47C SEDIMENT CONTROL PLAN			
DRAWN	V.G.S.	WILDE LAKE VILLAGE GREEN REFURBISHING VILLAGE OF WILDE LAKE SECTION 4, LOT 4 TAX MAP 29, PARCEL 132 5TH ELECTION DISTRICT HOWARD COUNTY, MD.			
CHECKED	M.S.	SCALE: AS SHOWN DRAWING 2 OF 2			
DATE	1-16-1990	OWNER:	COLUMBIA ASSOCIATION, 9861 BROKEN LAND PARKWAY COLUMBIA, MARYLAND 21046		

