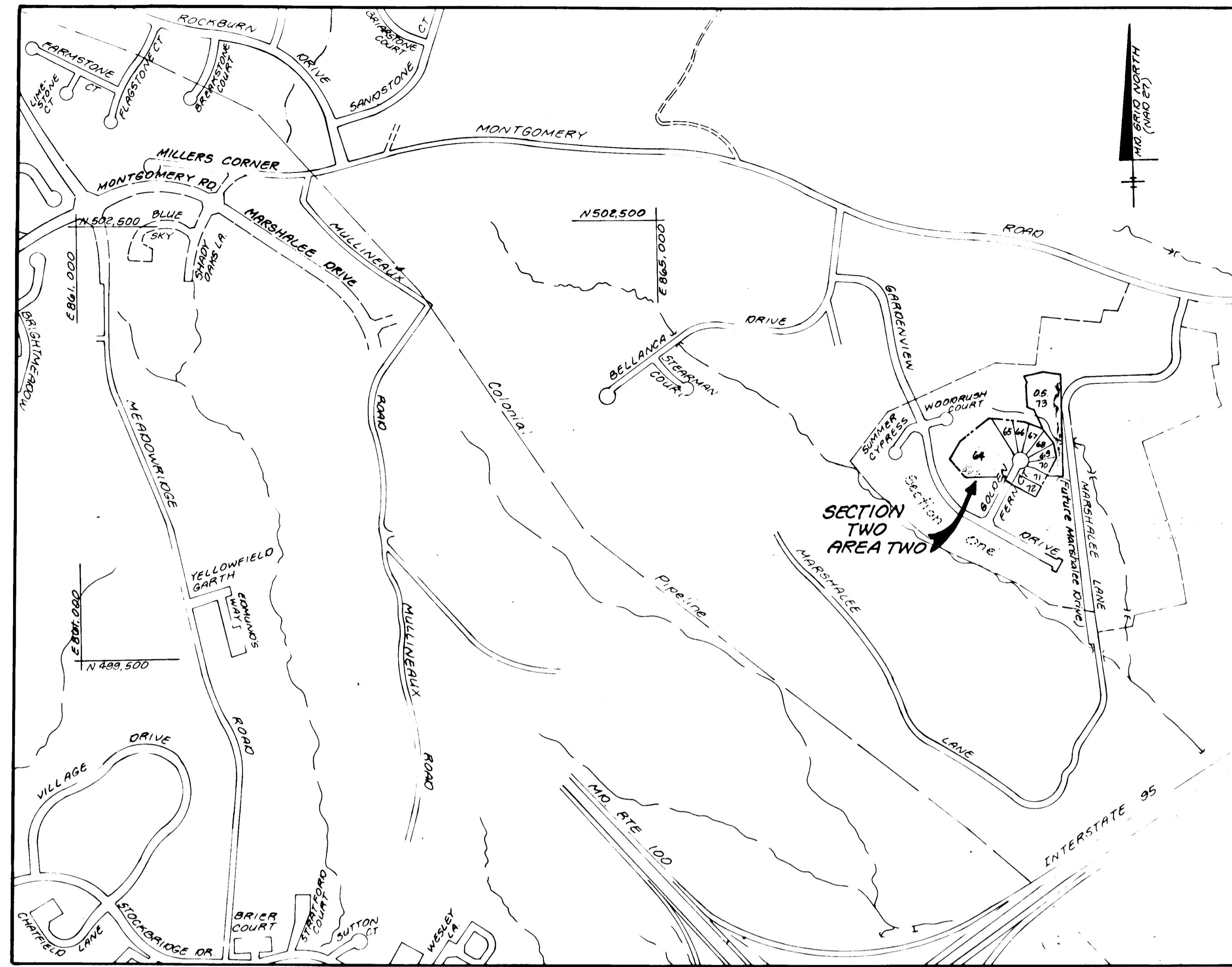


INDEX OF SHEETS	
NO.	TITLE
1	COVER SHEET
2	GOLDEN FERN COURT - PLAN AND PROFILE
3	ROAD CONSTRUCTION DETAILS AND GRADING, SEDIMENT & EROSION CONTROL DETAILS
4	STORM DRAIN PROFILES & LANDSCAPE DETAILS
5	DRAINAGE AREA MAP
6	GRADING, SEDIMENT AND EROSION CONTROL PLAN
7	LANDSCAPE PLAN

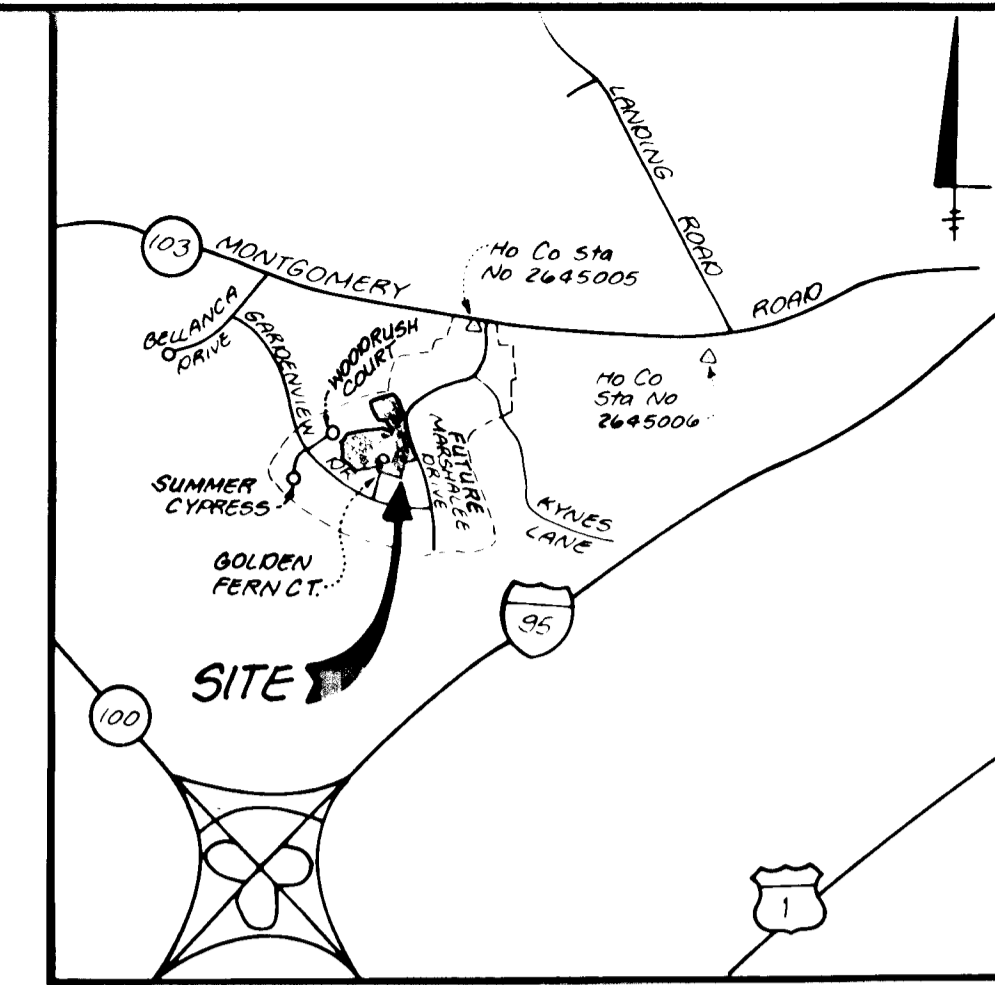


LOCATION MAP
Scale: 1" = 600'

BENCHMARKS:

HO. CO. MONUMENT # 2645005 - ELEV. 291.929
DESCRIPTION: Concrete Monument 0.3 Ft. Below Surface at top of Bank

HO. CO. MONUMENT # 2645006 - ELEV. N/A
DESCRIPTION: Concrete Monument 0.2' Below Surface at top of Bank



VICINITY MAP
Scale: 1" = 2,000'

General Notes

- All construction shall be in accordance with the latest standards and specifications of Howard County Design Manual Vol. IV, plus MSHA Standards and Specifications, if applicable.
- The contractor shall notify the Department of Public Works/Bureau of Engineering/Construction Inspection at (410) 313-1880 at least five (5) working days prior to the start of work.
- The contractor shall notify "Miss Utility" at 1-800-257-7777 at least forty-eight (48) hours prior to any excavation work.
- Project Background:
Location: Elkridge, Tax Map: 37, Parcels: 593
Zoning: R-20
Section / Area: 22
Election District: 1st
Total Tract Area: 8.0817 Ac. +/- WP 91-180, WP 94-89, P 95-19, P 99-07
Previous Submittals: 589-80, 589-19, P 90-28, P 92-17, 588-86, F 93-36
- Traffic control devices, markings, and signing shall be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). All street and regulatory signs shall be in place prior to the placement of any asphalt.
- Any damage caused by the contractor to existing public right-of-way, existing paving, existing curb and gutter, existing utilities, etc. shall be corrected at the contractor's expense.
- The existing utilities shown hereon are located from field surveys and construction drawings of record. The approximate location of existing utilities are shown for the contractor's information and convenience. The contractor shall locate existing utilities to his own satisfaction and well in advance of any construction activities. Additionally, the contractor shall take all necessary precautions to protect all existing utilities and maintain uninterrupted service.
- The topography shown hereon is compiled from photogrammetric aerial survey, compiled by Photogrammetric Services, Inc. (March 16, 1986); and post-graded conditions in accordance with F-93-36.
- Horizontal and vertical datum's are related to the Maryland State Plane Coordinate System as projected from Howard county control stations No. 2645005 and No. 2645006 (NAD 27).
- All hydraulic data is for the 10-year storm unless otherwise noted.
- Sidewalks and ramps shall be in conformance with the current ADA requirements.
- See sheet 3 for construction sequence.
- 95% compaction in all fill areas shall be determined by AASHTO T-180.
- Stormwater Management is provided in the facility constructed under F93-36. Quality Management is by retention.
- Street light placement and the type of fixture and pole selected shall be in accordance with the Howard County Design Manual Volume III (1993) and as modified by "Guidelines for street lights in residential developments (June 1993)".
- Wetlands Delineation by Exploration Research, Inc. July 1988 and February 1989.
- Contractor to test pit existing 36" water main at proposed storm drain crossing. Test pit denoted as B. Test pit shall be located by the Contractor two (2) weeks in advance of construction operations. Contact the Department of Public Works / Bureau of Engineering / Construction Inspection Division at (410) 313-1880 prior to excavation.

ROAD & STORM DRAIN CONSTRUCTION PLANS

MARSHALEE WOODS

SECTION TWO AREA TWO

LOTS 64 THRU 73

1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND

ENGINEER'S CERTIFICATE

"I certify that this plan for Sediment and Erosion 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



Bruce D. Burton 10/12/95
Signature of Engineer Date
Bruce D. Burton

DEVELOPER'S CERTIFICATE

"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 Attendance 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."

Brendley Tavel 6-12-95
Signature of Developer Date
Brendley Tavel

These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements

Patricia Engle 10/6/95
Natural Resources Conservation Service Date

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District

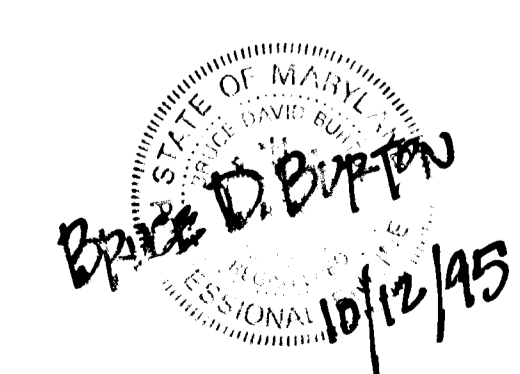
John R. Robertson 10/6/95
Howard Soil Conservation District Date

APPROVED: Department of Public Works for Storm Drainage Systems and Roads

James H. Smith 11/7/95
Chief, Bureau of Highways Date

APPROVED: Department of Planning and Zoning

Jim Summonji 11/17/95
Chief, Division of Land Development and Research Date



LDE, INC.

9250 Rumsey Road, Suite 106, Columbia, MD. 21045
(410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)

Designed EOS	COVER SHEET MARSHALEE WOODS SECTION TWO AREA TWO LOTS 64 THRU 73 Tax Map No. 37 Parcel 593 & 91 1st Election District Howard County, MD Previous Submittals: 589-80, 589-19, P 90-28, P 92-17, 588-86, F 93-36, WP 91-80, WP 94-89, P 95-19, P 99-07 Owner / Developer MARSHALEE WOODS LTD. PARTNERSHIP 8835 - P Columbia 100 Parkway Columbia, MD 21045 Phone: (410) 730-0810	Scale As Shown
Drawn KBW		Sheet 1 of 7
Checked BOB		LDE Job No 95-022
Date May 1995		File No

1667

NOTES:

1. Sidewalks shall be designed in accordance with ADA requirements.
2. There should be a minimum of 20 ft. between street lights and street trees.
3. See sheet 4 for storm drain profile and structure schedule. See sheet 5 for storm drain location.
4. For Noise Berm construction details and location see sheet 5.

STREET TREE TABLE					
SYMA	COMMON NAME	BOTANICAL NAME	QTY	SIZE	REMARKS
○	Redspire Pear	Pyrus calleryana	10	2"-2 1/2" Cal.	B & B

NO. KEY BOTANICAL / COMMON NAME SIZE COMMENT

afforestation planting

LANDSCAPE OPTION (20%) 3000 SE

- 5 + Acer rubrum Red Maple 2-1/2" - 3" cal. B&B
- 3 ■ Liquidambar styraciflua Sweetgum 2-1/2" - 3" cal. B&B
- 2 ⊕ Quercus borealis Northern Red Oak 2-1/2" - 3" cal. B&B
- 2 ○ Quercus petraeas 'Sovereign' Sovereign Pin Oak 2-1/2" - 3" cal. B&B

ONE TO TWO GALLON CONTAINERS 8200 SE

- 9 Acer rubrum Red Maple 2 gal. cont. avg spacing - 11'
- 6 Amelanchier canadensis Downy shadblow 1 gal. cont.
- 8 Carya ovata Shagbark Hickory 2 gal. cont.
- 6 Cercis canadensis American Redbud 1 gal. cont.
- 8 Ilex opaca American Holly 1 gal. cont.
- 8 Liquidambar styraciflua Sweetgum 2 gal. cont.
- 7 Quercus coccinea Sandlot Oak 2 gal. cont.
- 7 Quercus borealis Northern Red Oak 2 gal. cont.
- 7 Vitimum punctatum White pine 1 gal. cont.

EVERGREEN SEEDLINGS 5500 SE

- 88 Pinus strobus White pine 6" ht. min. 1/8 - 1/4" cal.

APPROVED: Department of Planning and Zoning

Chief Engineering Development Division
Date 11/17/95

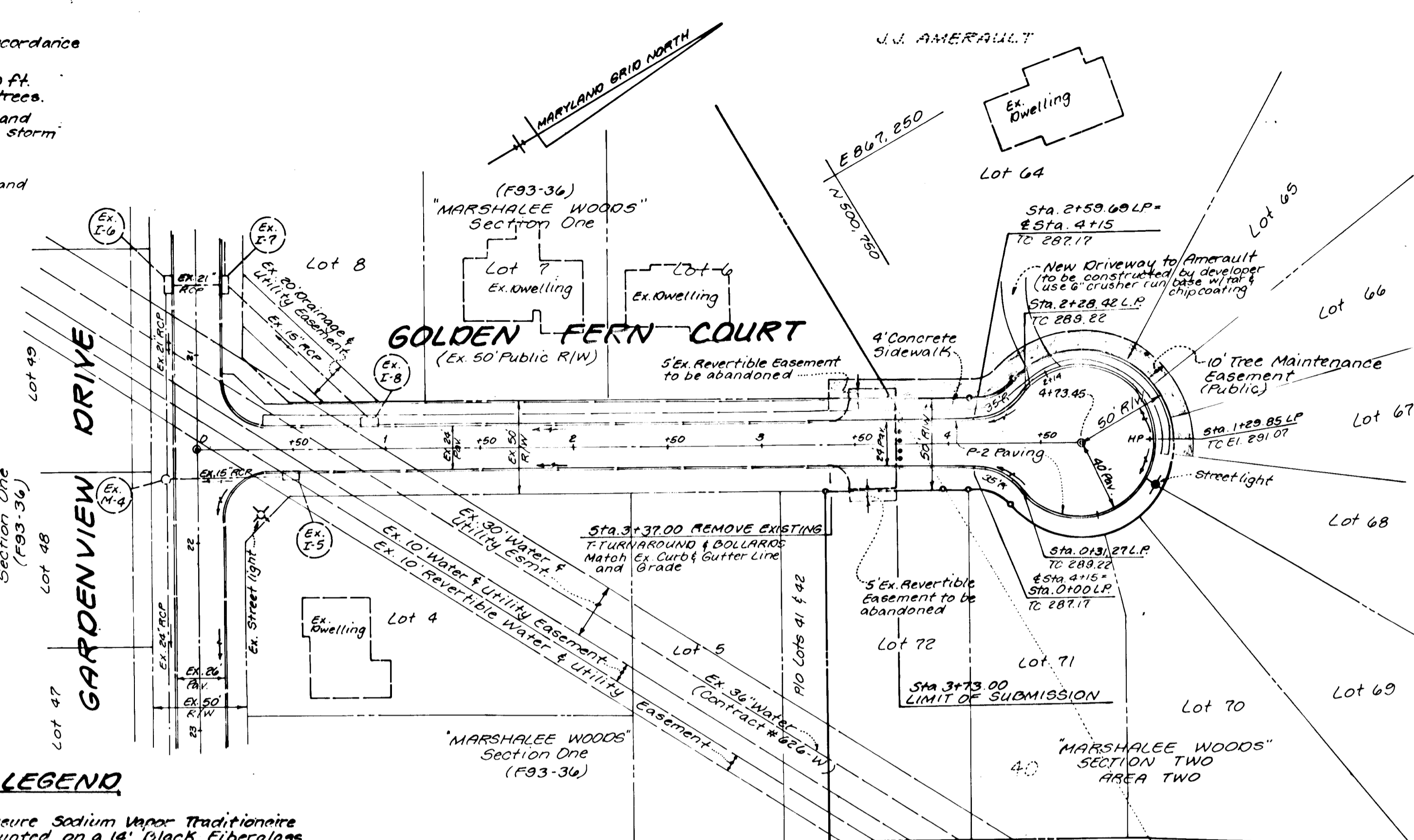
APPROVED: Department of Public Works for Storm Drainage Systems and Roads
Date 11/17/95

APPROVED: Department of Public Works for Storm Drainage Systems and Roads
Date 11/27/95

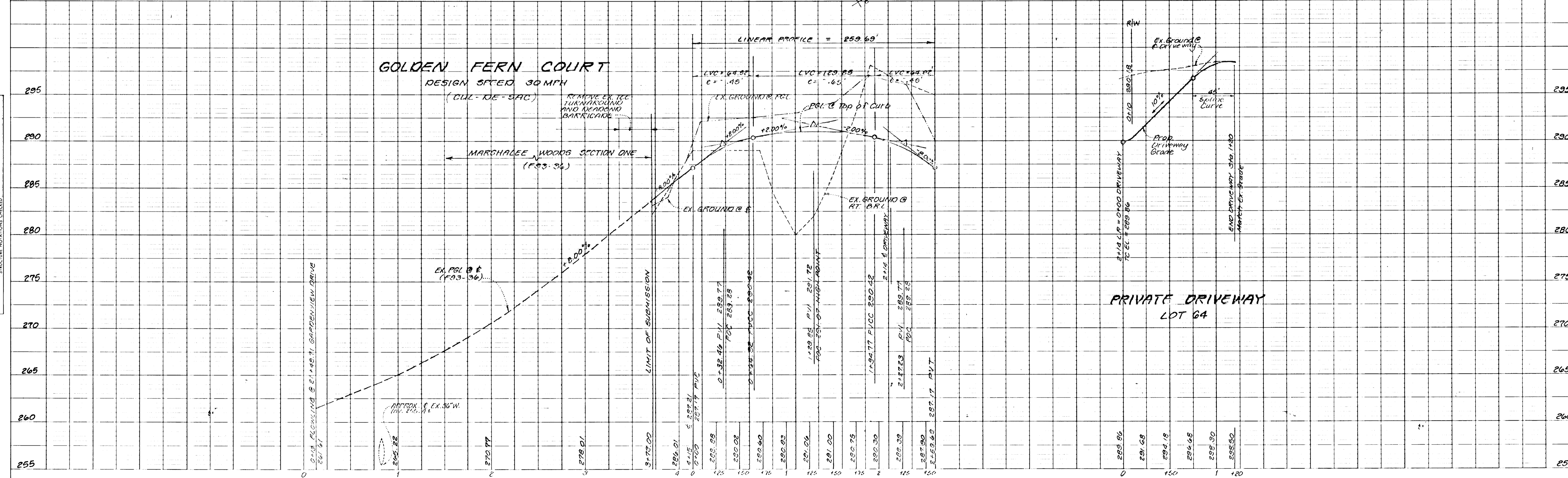
BRUCE D. BURTON
10/19/95

LDE, INC.
9250 Rumsey Road, Suite 106, Columbia, MD. 21045
(410) 715-1070 (301) 598-3424 (410) 715-9540 (Fax)

Designed E.G.S.	GOLDEN FERN COURT/ PLAN & PROFILE	Scale As Shown
Drawn K.B.W.	MARSHALEE WOODS SECTION TWO AREA TWO LOTS 64 THRU 73	Sheet 2 of 7
Checked D.O.B.	Tax Map No. 37 Parcel 593 1st Election District Howard County, MD Previous Submittals: 589-80, 589-19, P90-28, P92-17, 588-84, F93-34, W93-190, W94-83, F95-18, P94-07	LDE Job No 95-022
Date May, 1995	Owner/Developer MARSHALEE WOODS LTD. PARTNERSHIP 8835-P Columbia 100 Parkway Columbia, MD 21045 Phone: (410) 730-0810	File No



- LIGHTING LEGEND**
- 100 Watt High Pressure Sodium Vapor Traditional Post Top Fixture Mounted on a 14" Black Fiberglass Embedded Pole
- CURB LEGEND**
- Existing Modified Combination Curb & Gutter
 - Modified Combination Curb & Gutter (R-3.01)



PLAN SURVEYED BY DATE
NOTED BY DATE
NOTE BOOK NO. BY DATE
CHECKED BY DATE
BY DATE

PROFILE SURVEYED BY DATE
NOTED BY DATE
NOTE BOOK NO. BY DATE
CHECKED BY DATE
BY DATE

16607

HOWARD SOIL CONSERVATION DISTRICT
SEMI-ANNUAL CONTROL NOTICE

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, disking 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) **Preferential** - Apply 2 tons per acre dolomitic limestone (92 lb/1000 sq. ft.) and 600 lbs per acre 10-10-10 fertilizer (14 lb/1000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil. At time of seeding, apply 400 lbs per acre 33-0-0 ureaform fertilizer (9 lb/1000 sq. ft.).
 2) **Acceptable** - Apply 2 tons per acre dolomitic limestone (92 lb/1000 sq. ft.) and 1000 lbs per acre 10-10-10 fertilizer (23 lb/1000 sq. ft.) before seeding. Harrow 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 60 lbs per acre (1.4 lb/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 lb/1000 sq. ft.) of wintering lespedeza. During the period of October 15 thru February 28, present site by Option 1) - 2 tons per acre of well aerated straw mulch and seed as soon as possible in the spring. Option 2) - 2 tons per acre of well aerated straw mulch and seed as soon as possible in the spring. Option 3) - Seed with 60 lb/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well aerated straw.

Mulching: - Apply 1-1/2 to 2 tons per acre (30 to 90 lb/1000 sq. ft.) of unrotted small grain straw immediately after seeding. Another mulch immediately after application using mulch spreading tools or 210 gals per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 ft. or higher, use 300 gals per acre (8 gal/1000 sq. ft.) for mulching.

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

TEMPORARY SEEDING MIXTURES

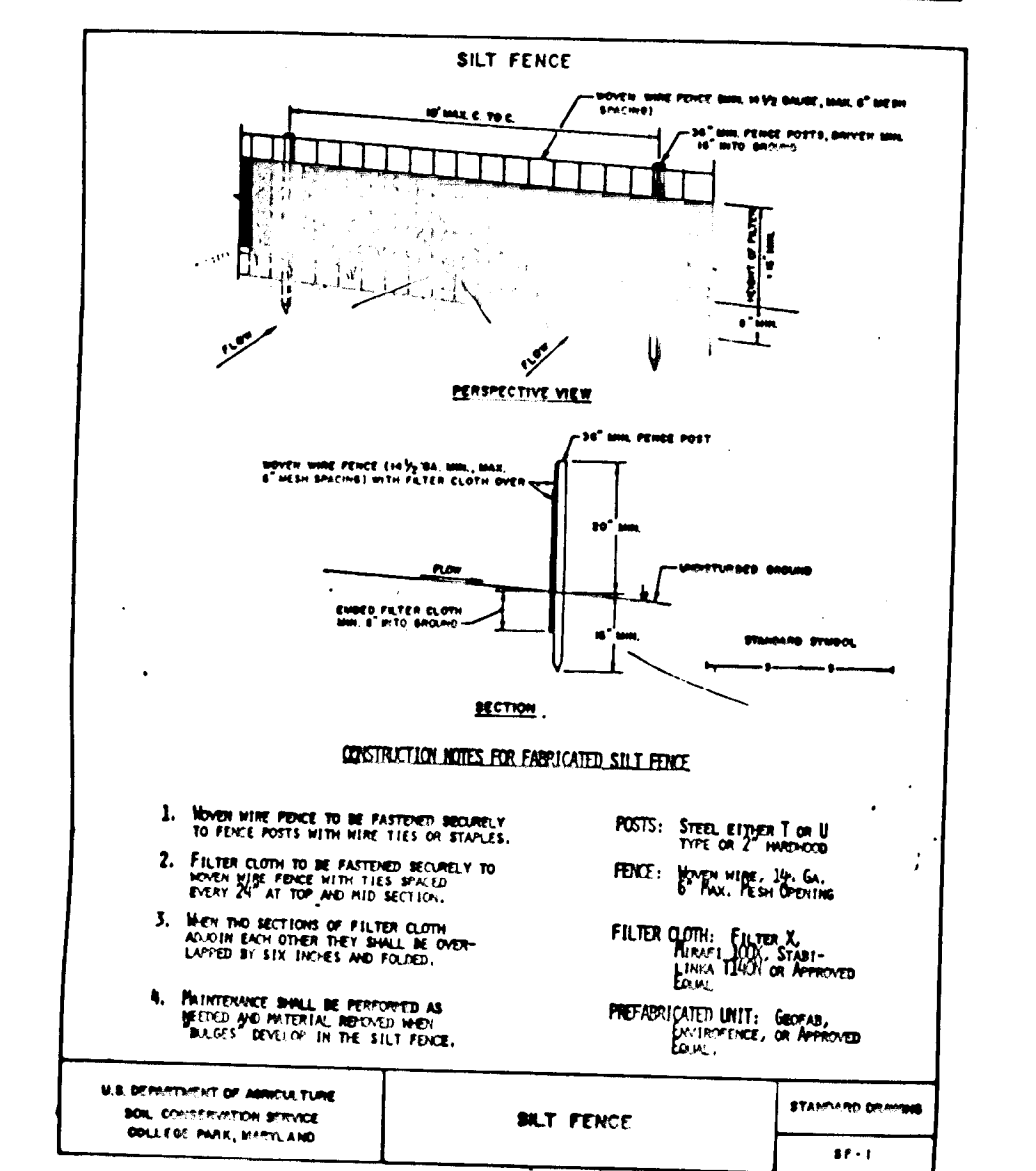
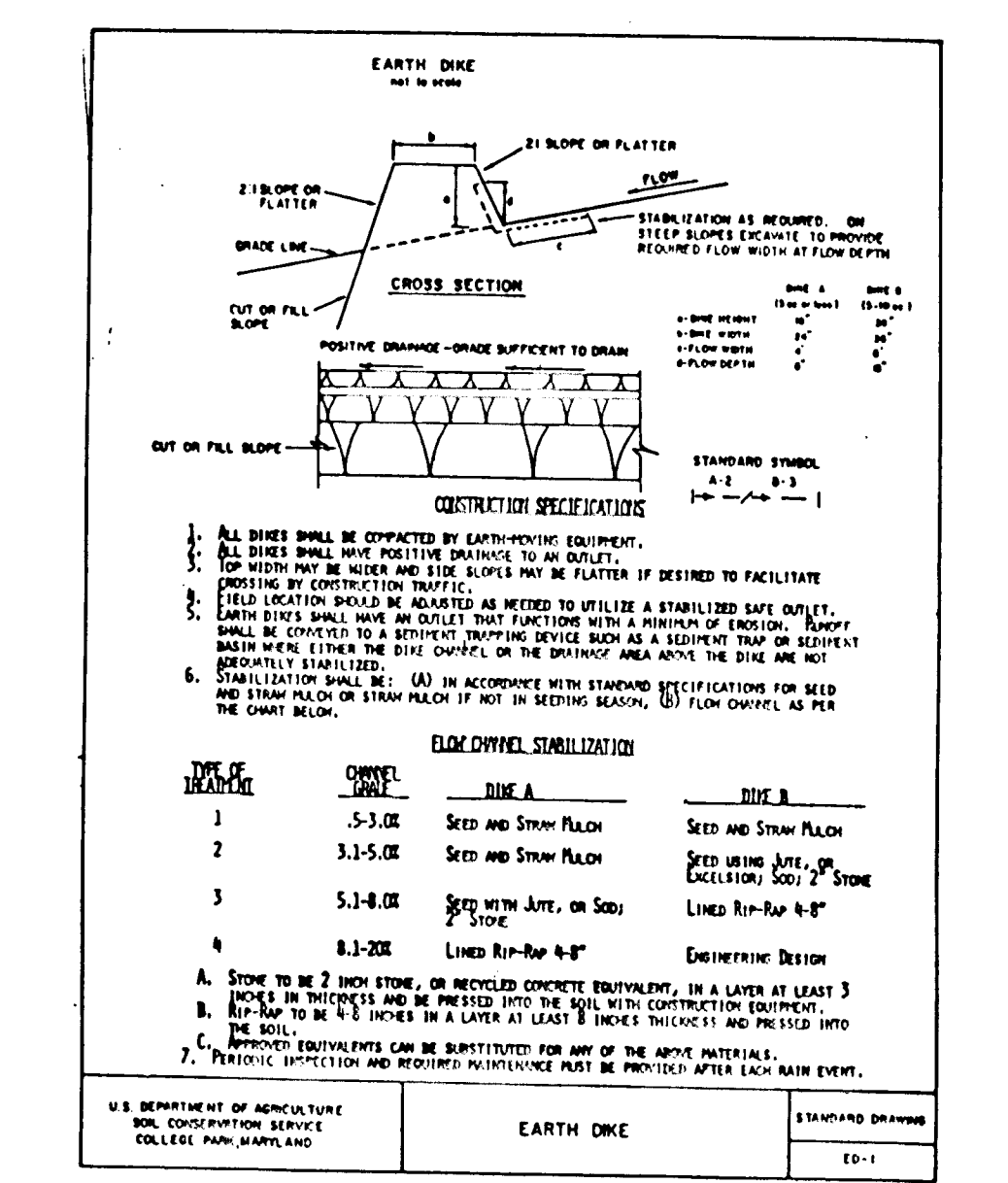
Apply to graded or cleared areas likely to be restituted where a short-term vegetative cover is needed.

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

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

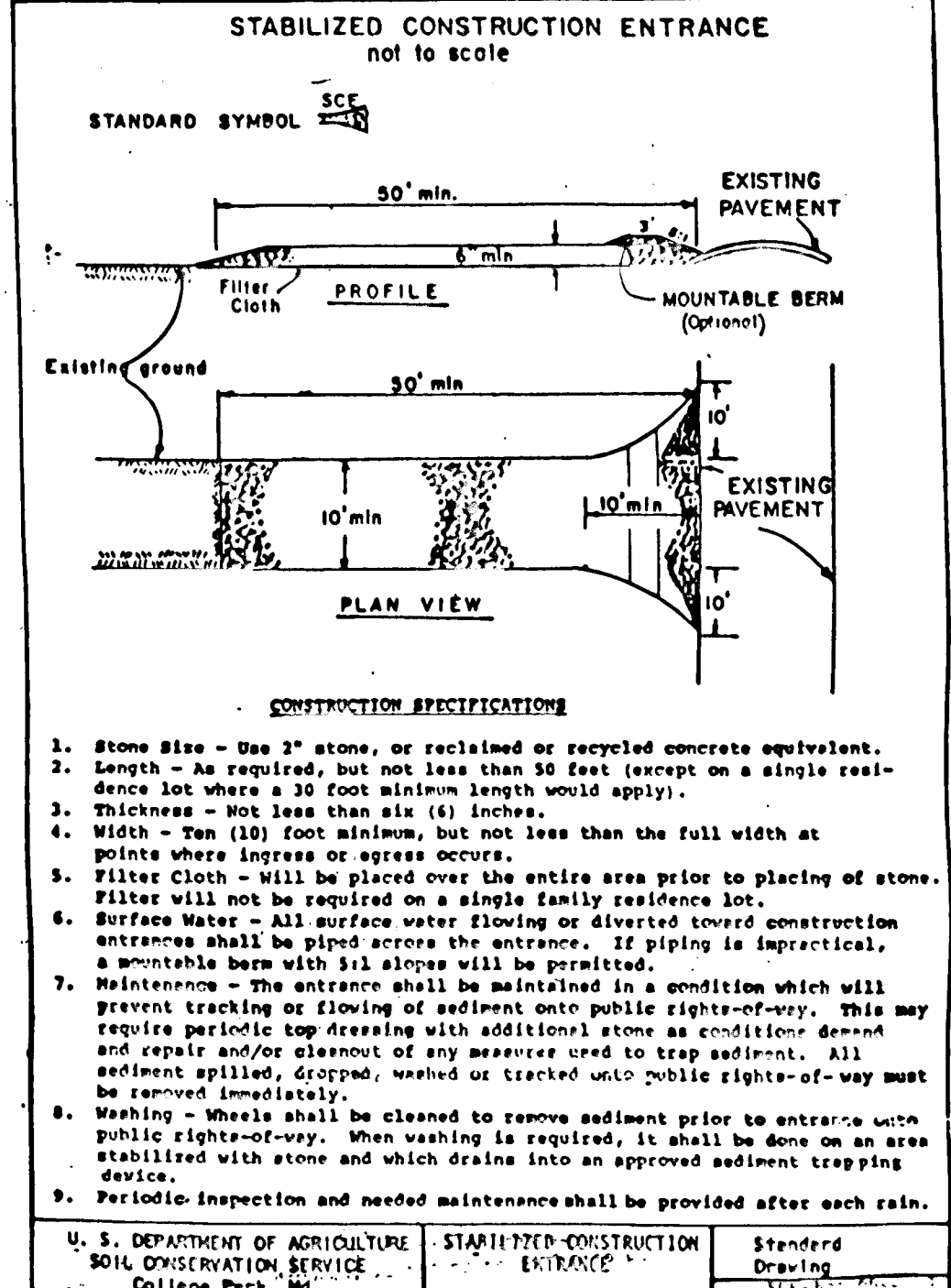
Seeding: - For periods March 1 thru April 30 and from August 15 thru October 15, seed with 2-1/2 tons per acre of annual ryegrass (2.2 lb/1000 sq. ft.). For the period May 1 thru August 14, seed with 3 lbs per acre of wintering lespedeza (.07 lb/1000 sq. ft.). For the period November 15 thru February 28, present site by applying 2 tons per acre of well aerated straw mulch and seed as soon as possible in the spring. Option 1) - 2 tons per acre of well aerated straw mulch and seed as soon as possible in the spring. Option 2) - 2 tons per acre of well aerated straw mulch and seed as soon as possible in the spring. Option 3) - Seed with 60 lb/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well aerated straw.

Refer to the 1983 HOWARD STRIPWAYS AND SPECIFICATIONS FOR SOIL PROTECTION AND SEDIMENT CONTROL for additional rates and methods not covered.

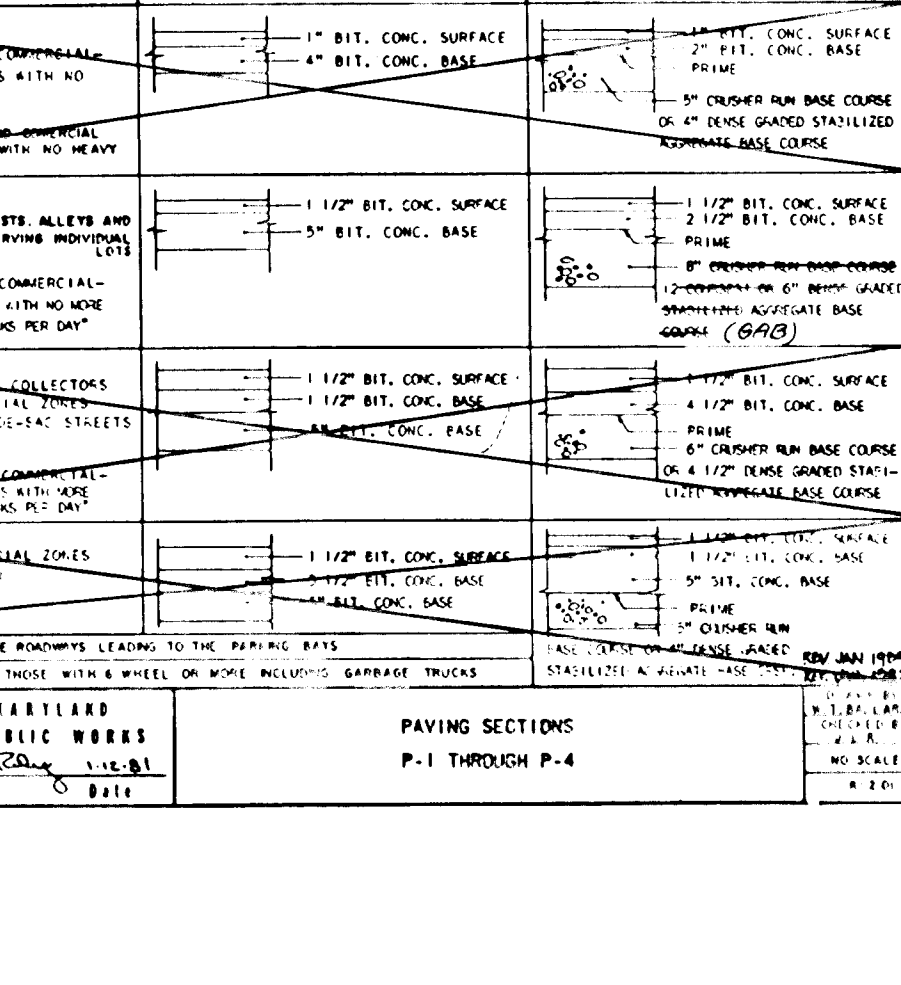
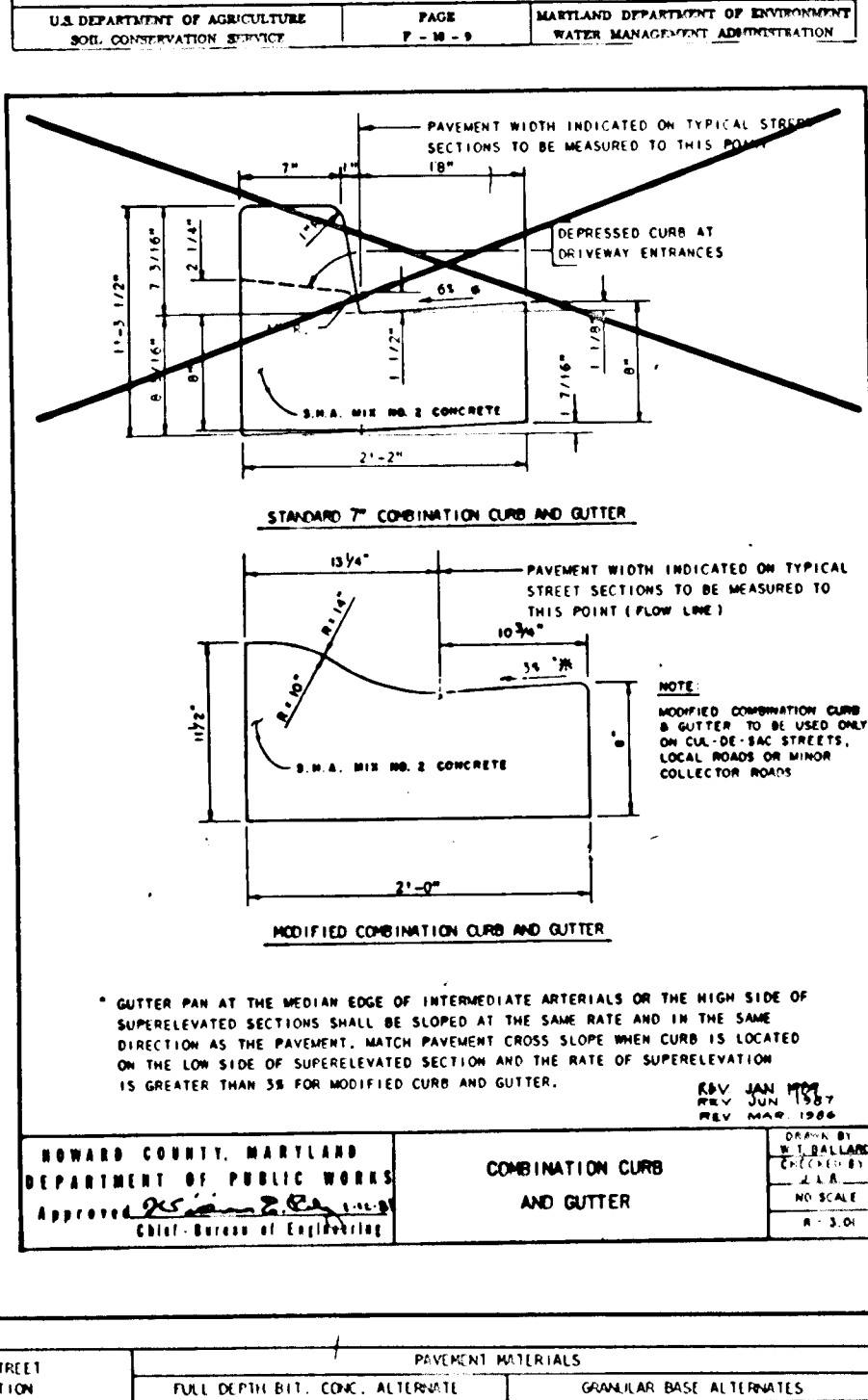
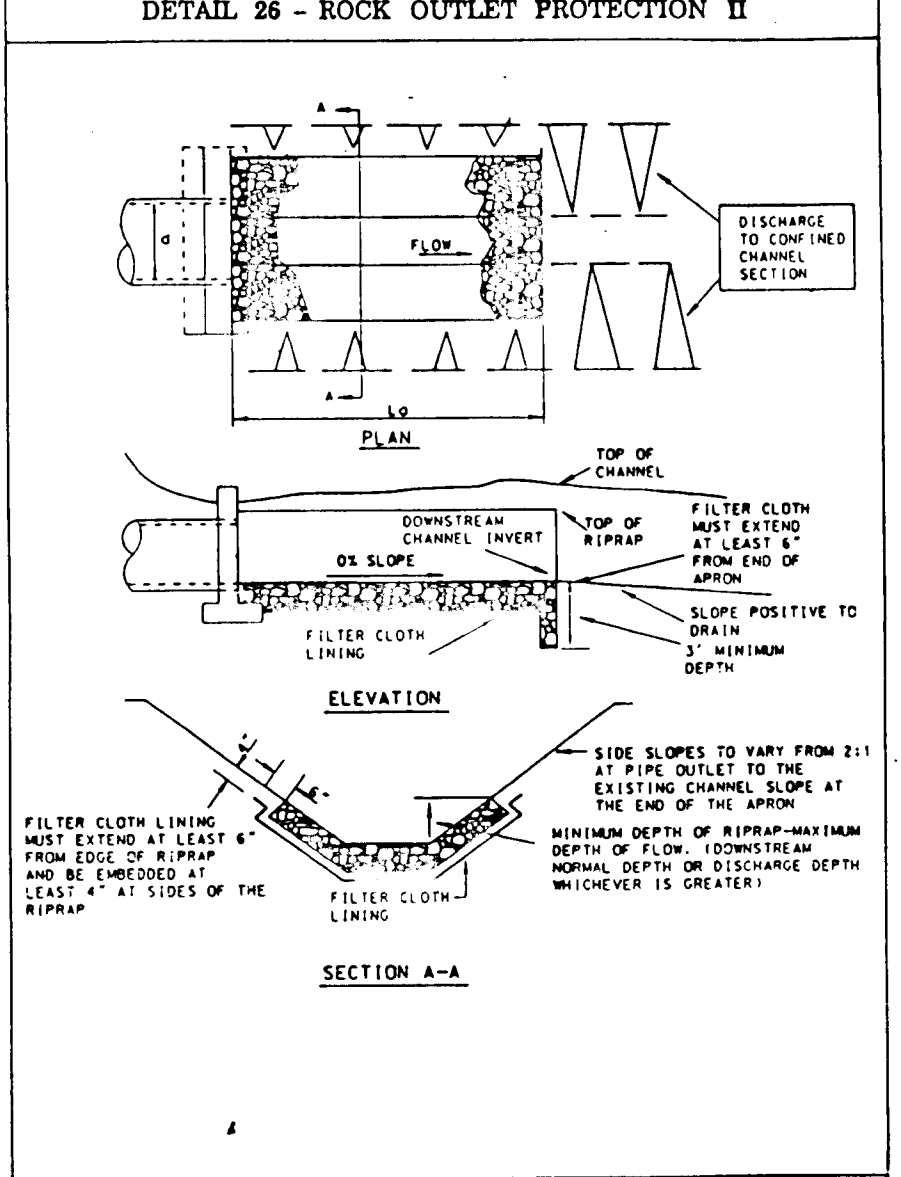
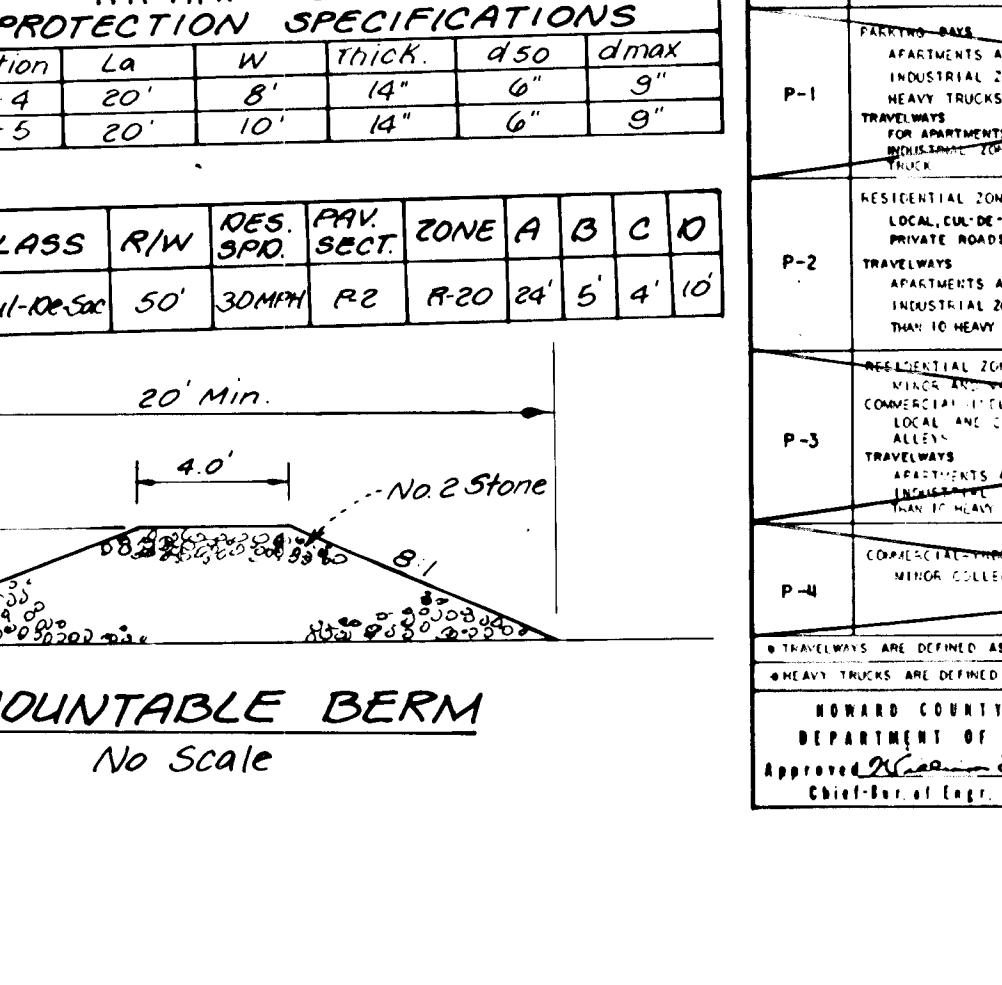
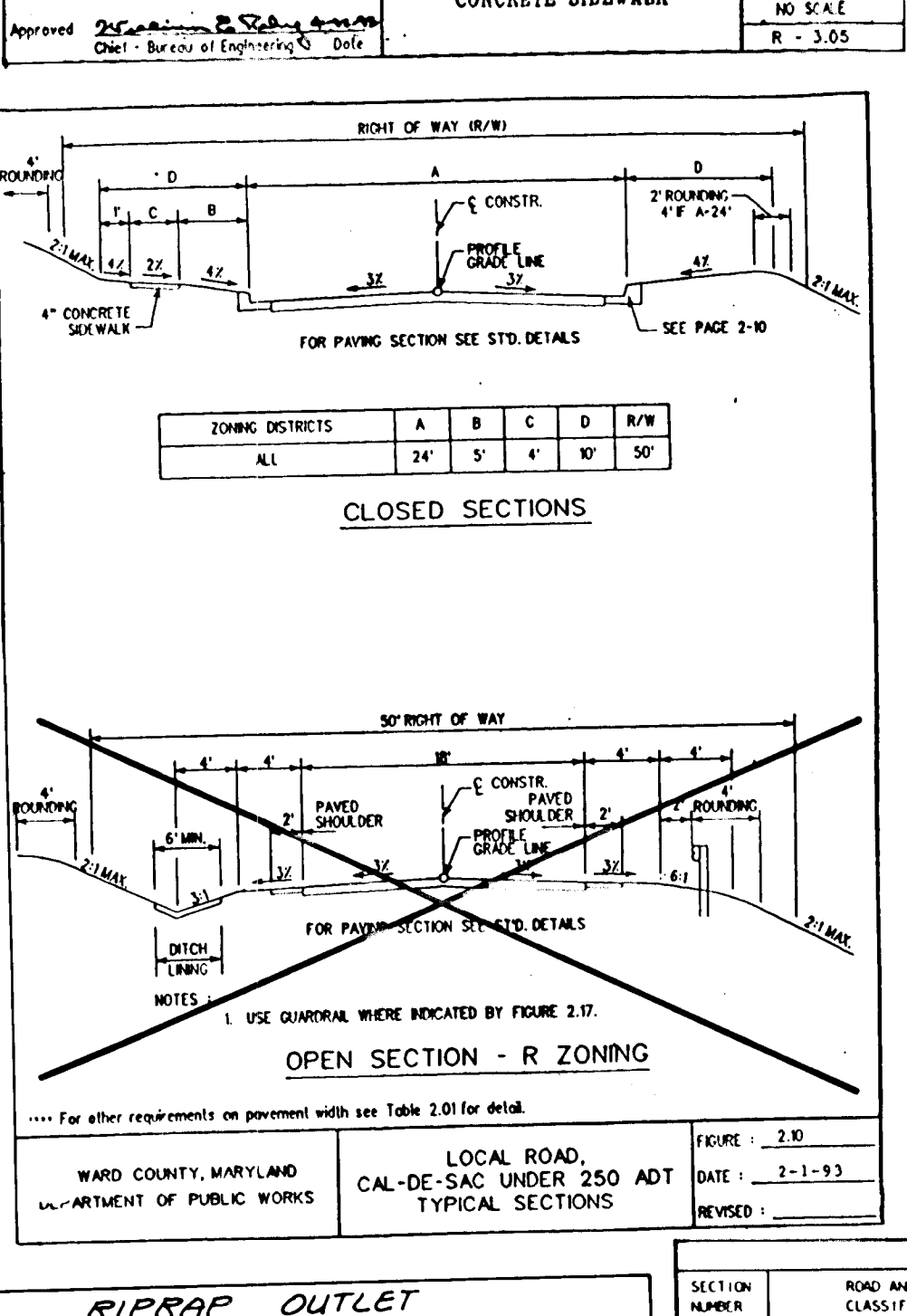
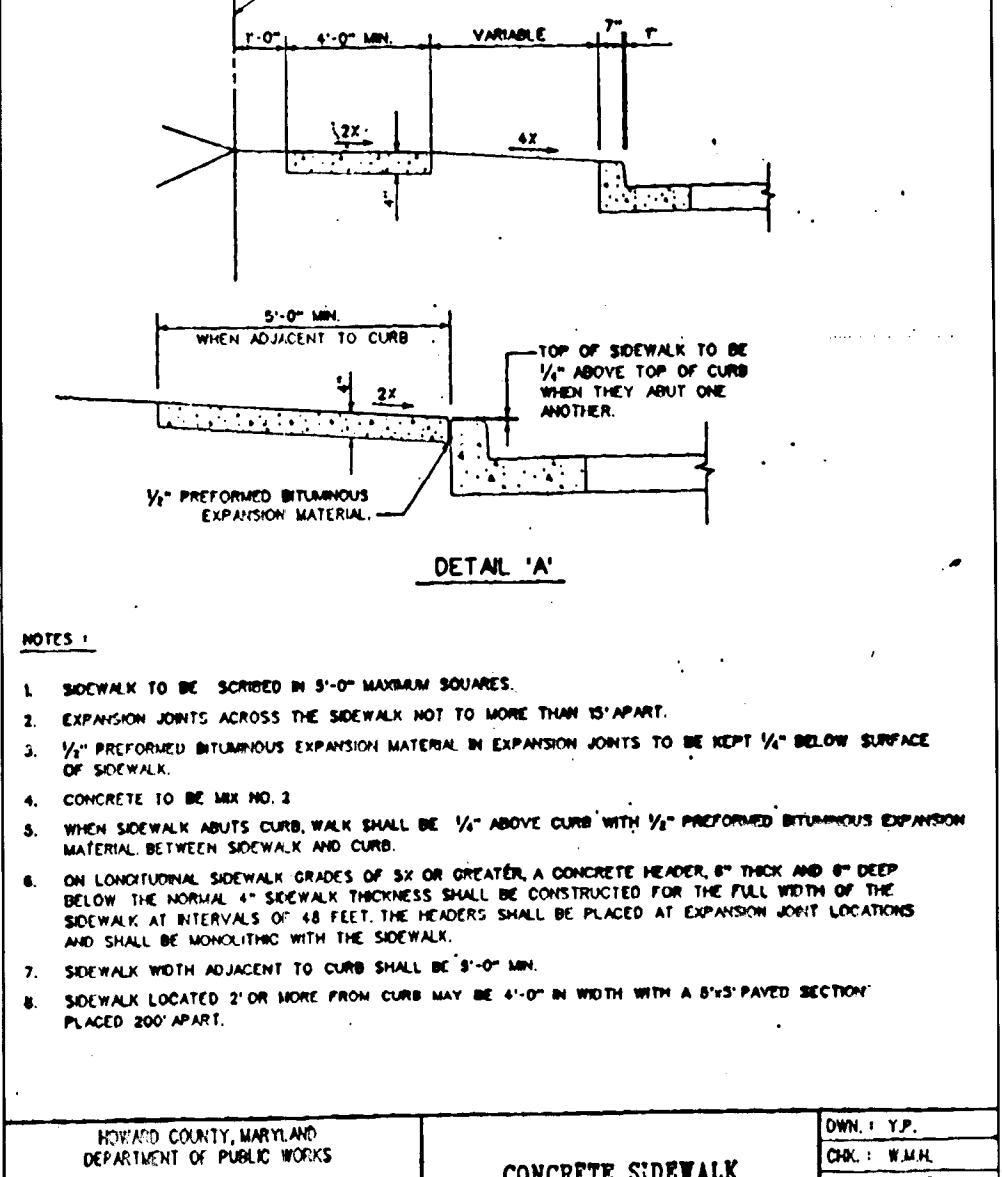
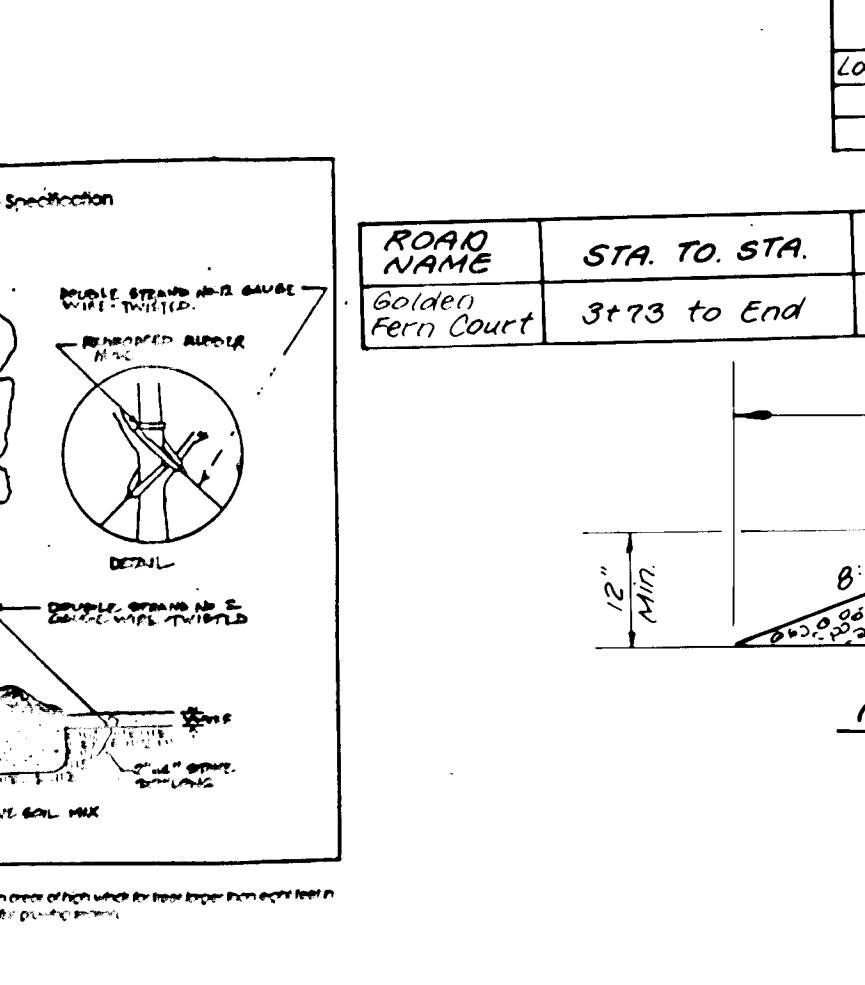
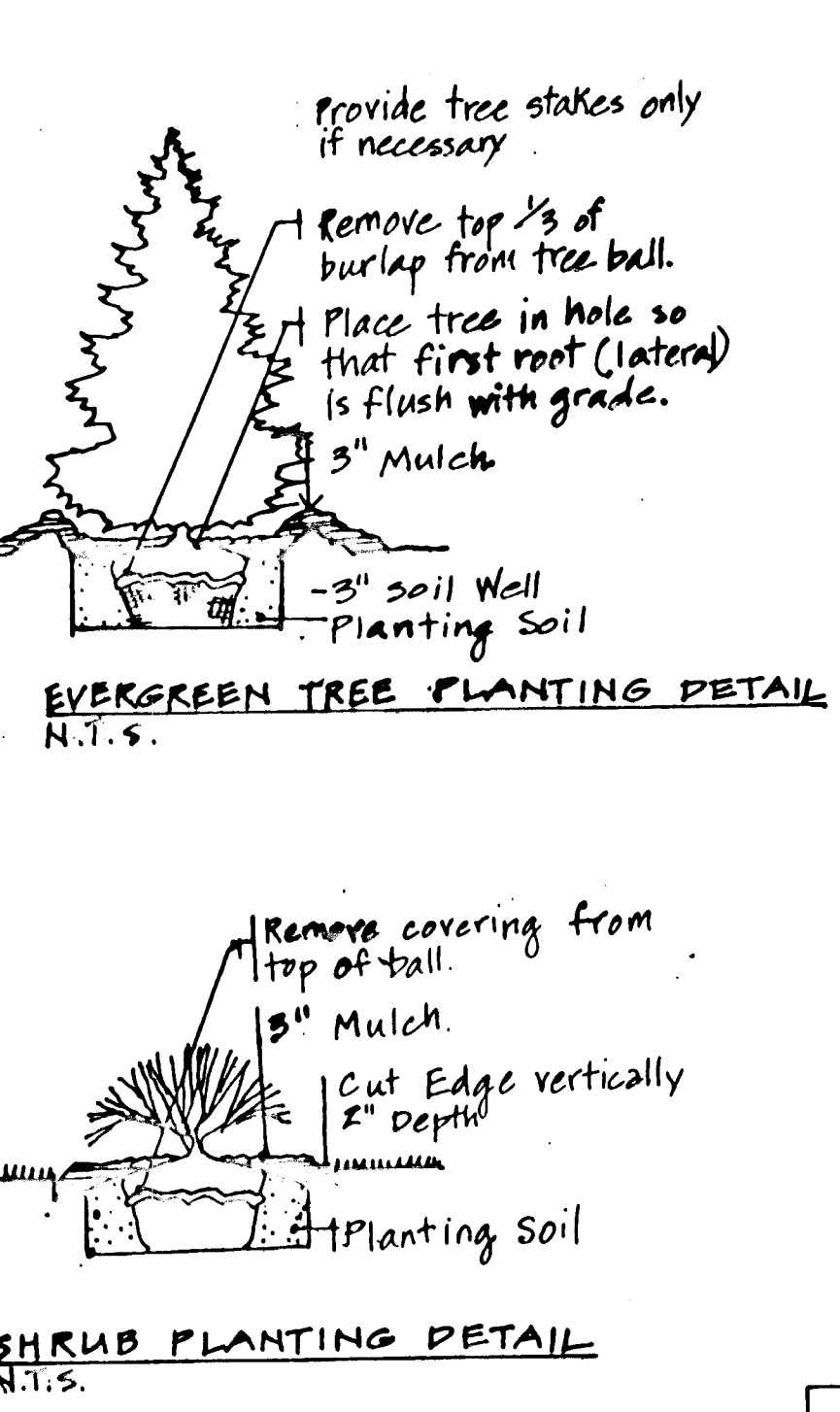
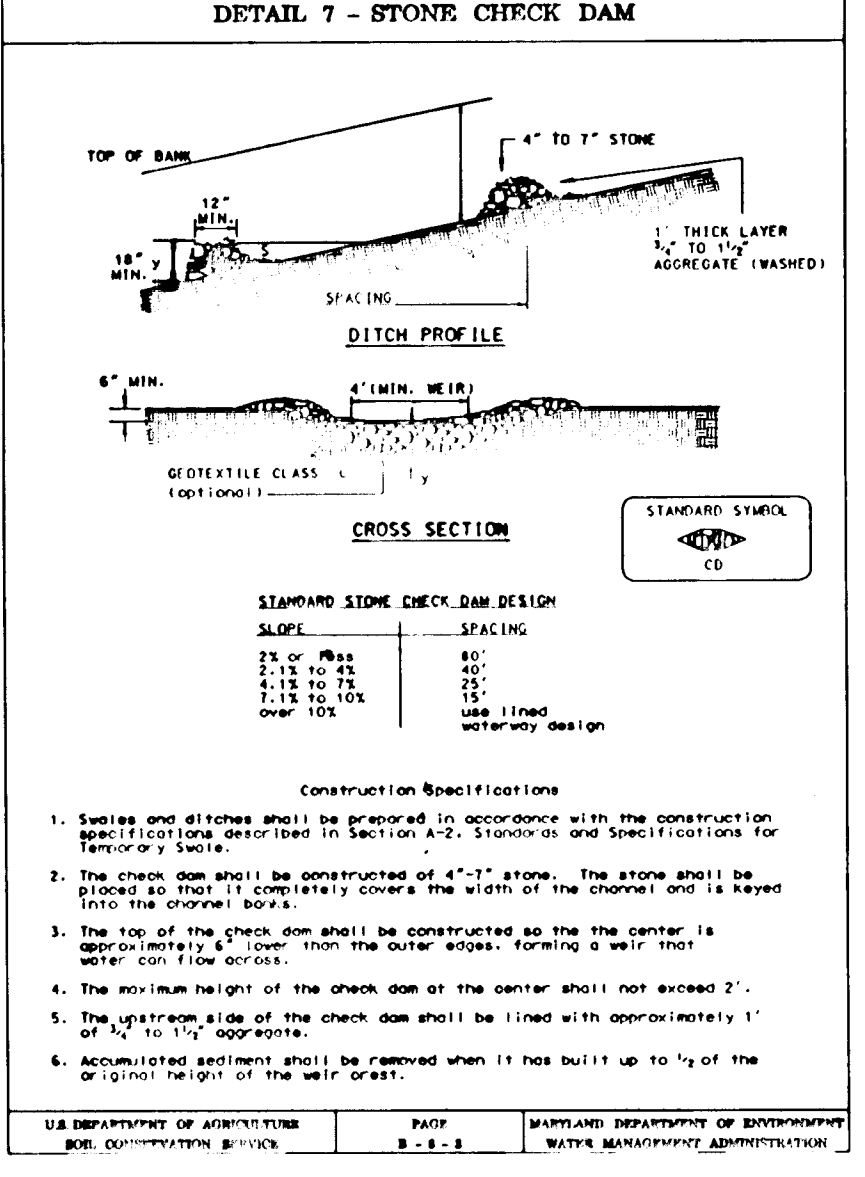
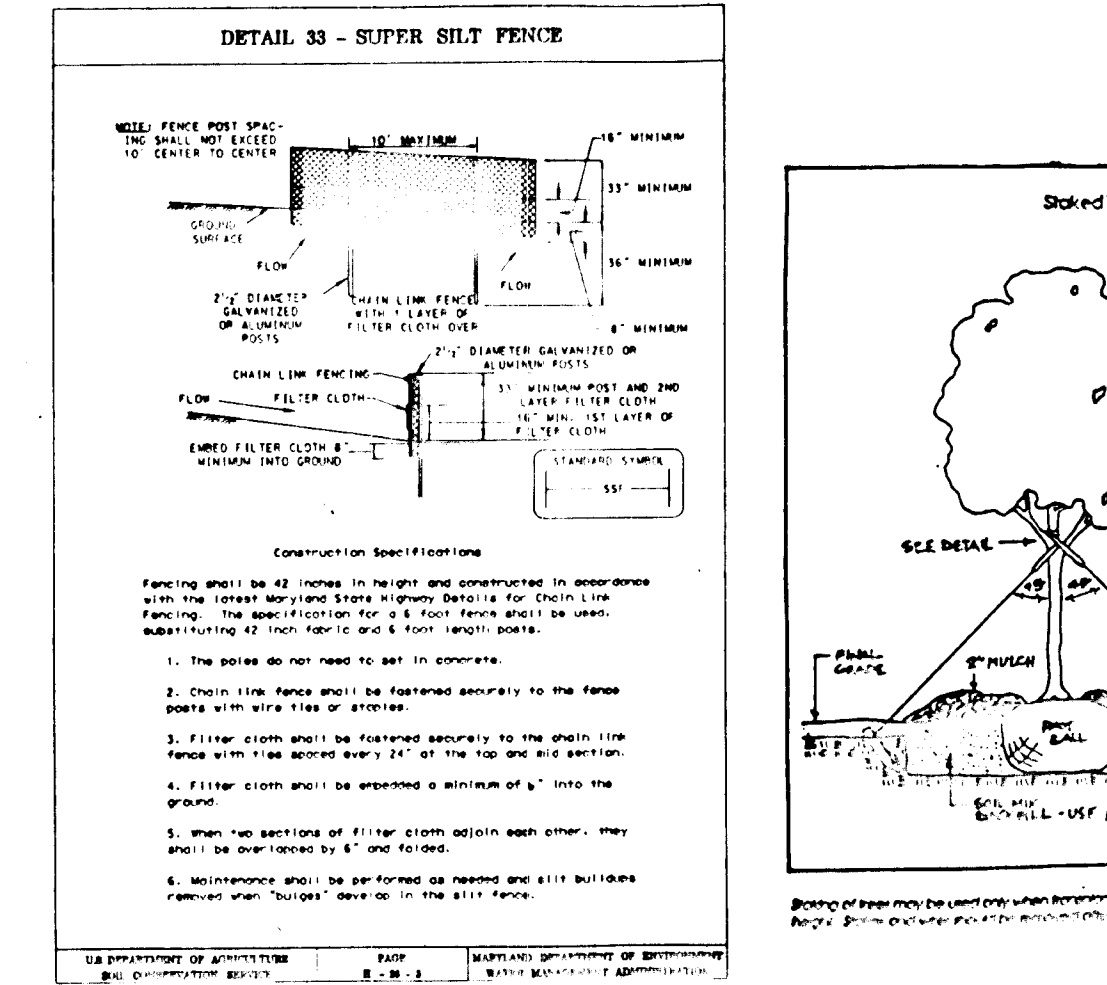
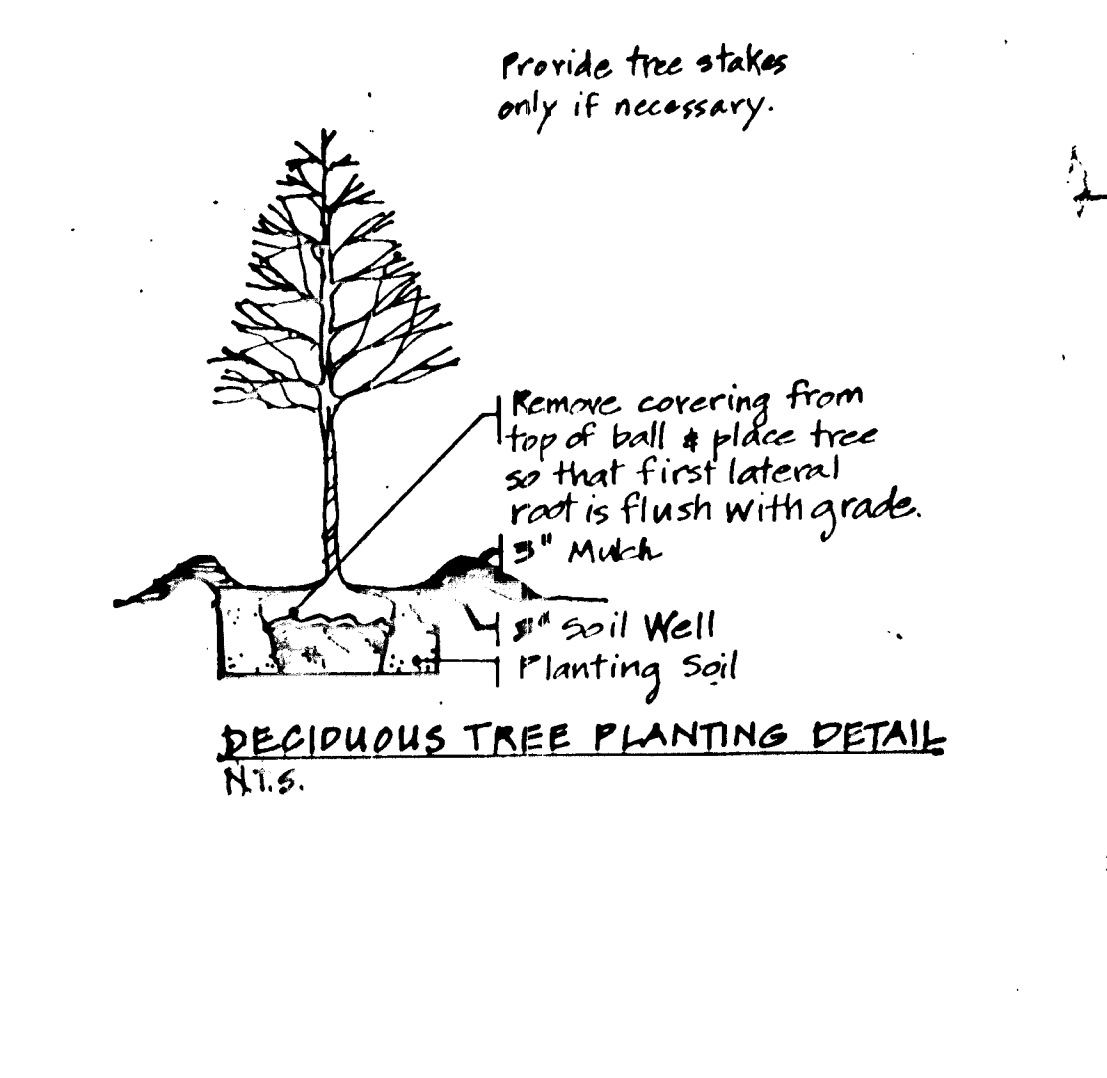
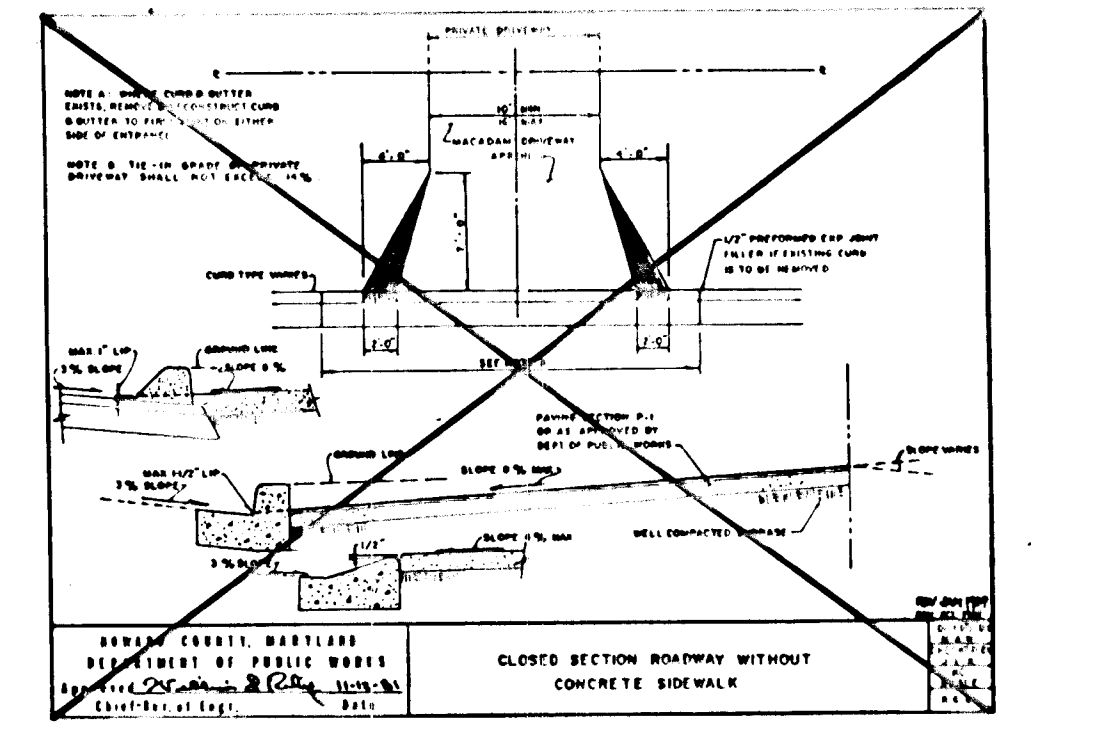
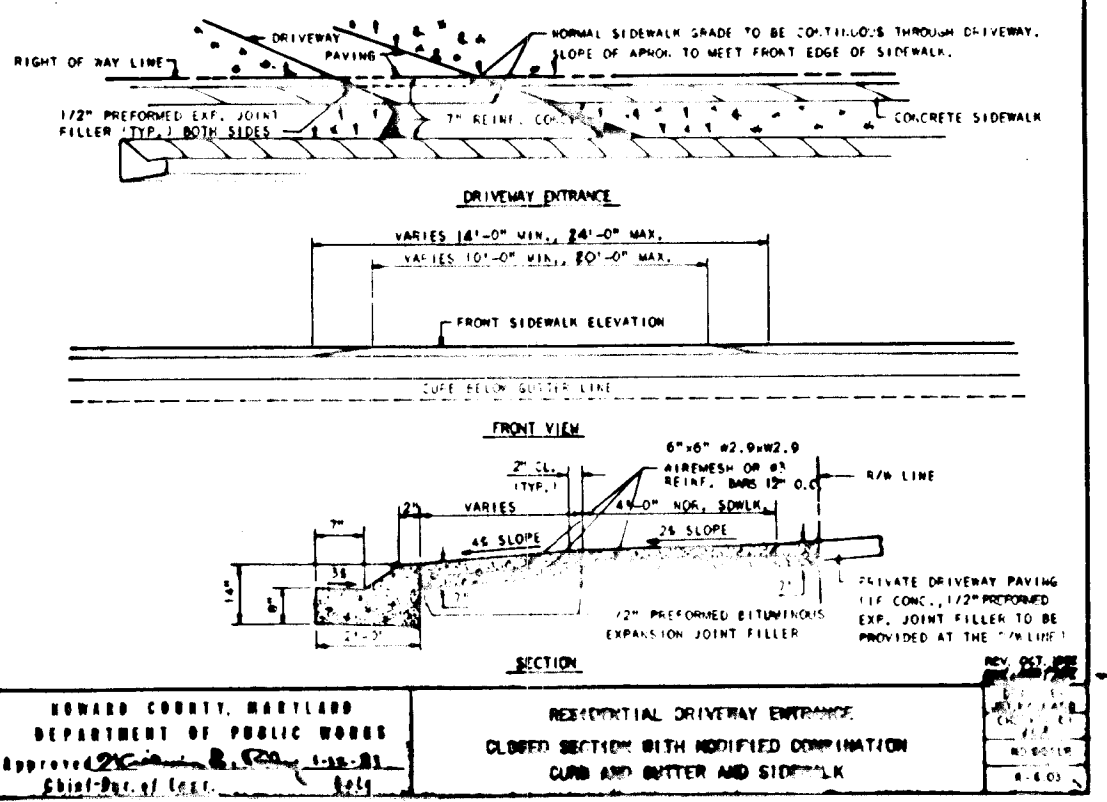


HOWARD SOIL CONSERVATION DISTRICT
SEMI-ANNUAL CONTROL NOTICE

- A minimum of 48 hours notice must be given to the Howard County Department of Inspection, Lintner and Permits, Sediment Control Division prior to the start of any construction. (890-2453).
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in accordance with the most current HOWARD STRIPWAYS AND SPECIFICATIONS FOR SOIL PROTECTION AND SEDIMENT CONTROL, and revisions thereto.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within 48 hours of the date of the initial soil disturbance. Permanent stabilization shall be completed within 48 hours of the date of the initial soil disturbance. Permanent stabilization shall be completed within 48 hours of the date of the initial soil disturbance.
- All sediment trapping devices shall be removed and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 HOWARD STRIPWAYS AND SPECIFICATIONS FOR SOIL PROTECTION AND SEDIMENT CONTROL, for permanent seeding (Sec. 51), and (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.
- 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.
- Site Analysis:
 Total Area of Site: 800 Acres
 Area to be roofed or paved: 0.6 Acres
 Area to be vegetatively stabilized: 0.6 Acres
 Total Area: 800 Acres
 Total Fill: 0.000 Cu. Yds.
 Details note/borrow area location: On Site
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- 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 agencies may not be activated until this initial approval is received from the Inspection Agency in writing.
- Trenches for the construction of utilities is limited to three pipe lengths of 20 feet each which can be back filled and stabilized within one working day, whichever is shorter.



- SEQUENCE OF CONSTRUCTION**
1. Obtain grading permit. (1 Day)
 2. Install stabilized construction entrance. (1 Day)
 3. Field delineate limit of disturbance. (1 Week)
 4. Install silt fence at the limits of disturbance where shown hereon or as directed by the Sediment Control Inspector. (1 Week)
 5. Install tree protective devices (fences, signs) as shown. (2 Days)
 6. Begin grading. (3 Weeks)
 7. Install utilities M-4 to I-4A. (2 Weeks)
 8. The contractor shall maintain access to the Zeltman Properties via the existing driveways at all times.
 9. The contractor shall inspect and provide necessary maintenance on the sediment and erosion control devices shown hereon after each rainfall and on a daily basis. (1 Day)
 10. Remove sediment from the roadway and dress Stabilized Construction Entrance as required. (2 Days)
 11. Install Curb & Gutter and Paving. (1 Week)
 12. After access to the Amerault property via Golden Fern Court and to the Zeltman property via Gardenview Drive is complete, construct remaining storm drain, I-4A - S-5, the swale to S-4, S-4 to Ex. M-3, and the swale at the rear of Lots 65 - 69. (2 Weeks)
 13. Complete any grading and stabilize disturbed areas with permanent seeding mixture and straw mulch. (1 Day)
 14. After permission has been given by Sediment Control Inspector, remove silt fence and stabilize disturbed areas with permanent seeding mixture and straw mulch. (1 Week)



ENGINEER'S CERTIFICATE

"I certify that this plan for Sediment and Erosion 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."

Bruce D. Burton
 Signature of Engineer
 10/10/95
 Date

DEVELOPER'S CERTIFICATE

"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 Attendance 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."

Brendly Tavel
 Signature of Developer
 6-12-95
 Date

These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements.

Patricia Engle
 Natural Resources Inspection Service, Ltd.

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

John R. Roberts
 Howard Soil Conservation District

APPROVED: Department of Public Works for Storm Drainage Systems and Roads

Chief, Bureau of Highways
 11-2-95
 Date

APPROVED: Department of Planning and Zoning

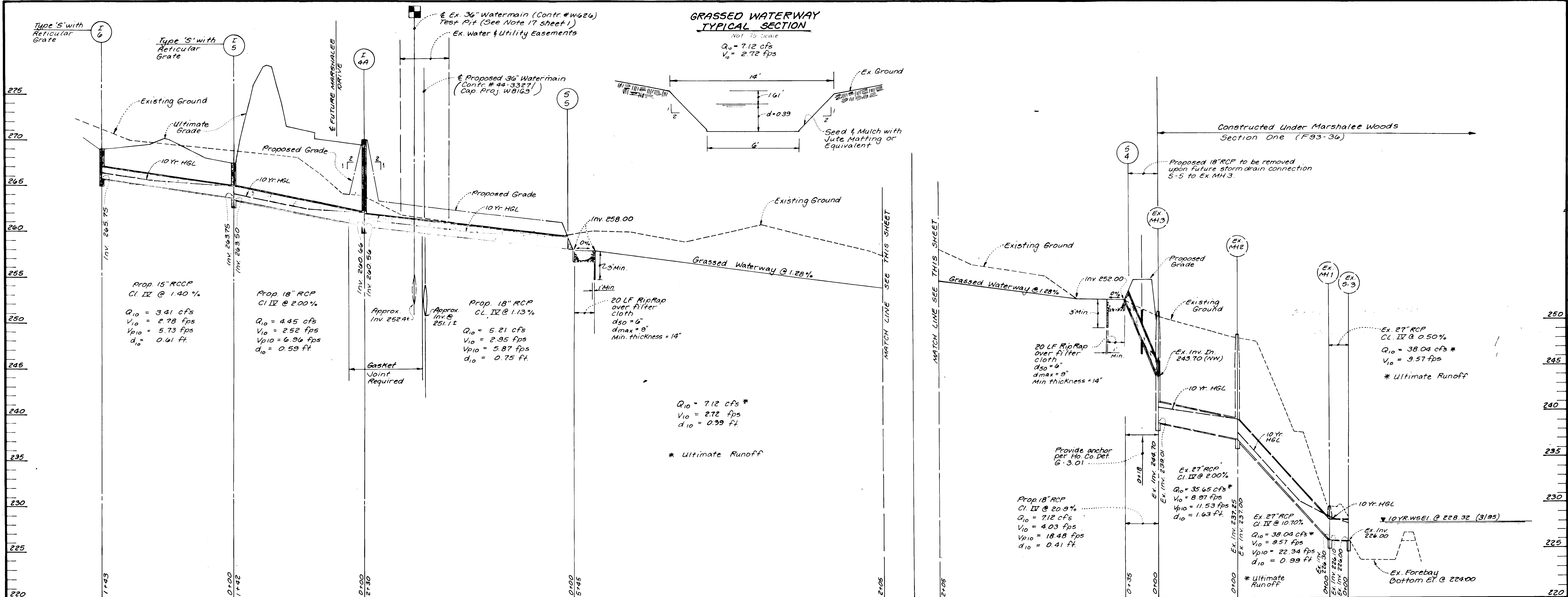
Chief, Planning Division
 11/9/95
 Date

Bruce D. Burton
 10/10/95

LDE, INC.
 9250 Rumsey Road, Suite 106, Columbia, MD. 21045
 (410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)

Designed: COB	ROAD CONSTRUCTION DETAILS LANDSCAPE AND SEDIMENT & EROSION CONTROL DETAILS	Scale: As Shown
Drawn: KBW	MARSHALEE WOODS	Sheet: 3 of 7
Checked: BOB	SECTION TWO AREA TWO LOTS 64 THRU 73	LDE Job #: 95-028
Date: May 1995	Tax Map No. 37 Parcel 593 1st Election District Howard County, MD Previous Submittals: 589-80, 589-19, P90-28, P92-17, 588-84, F93-36, W901-100, W904-89, F95-19, F94-07	File No.

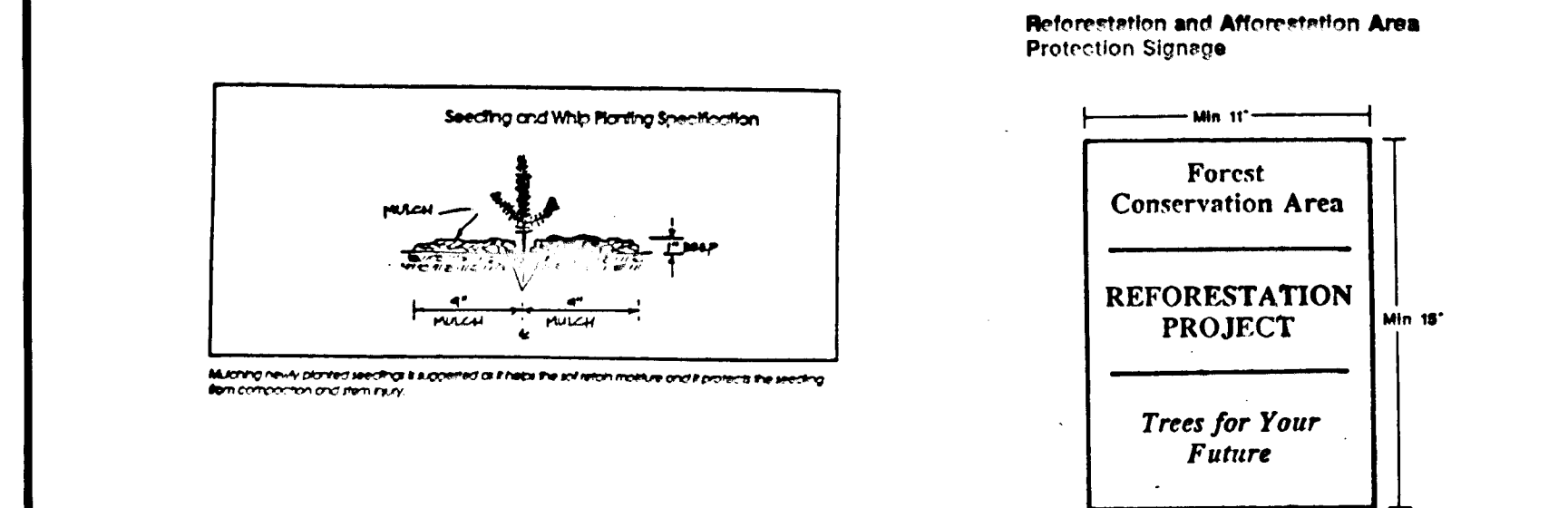
10971



STRUCTURE SCHEDULE

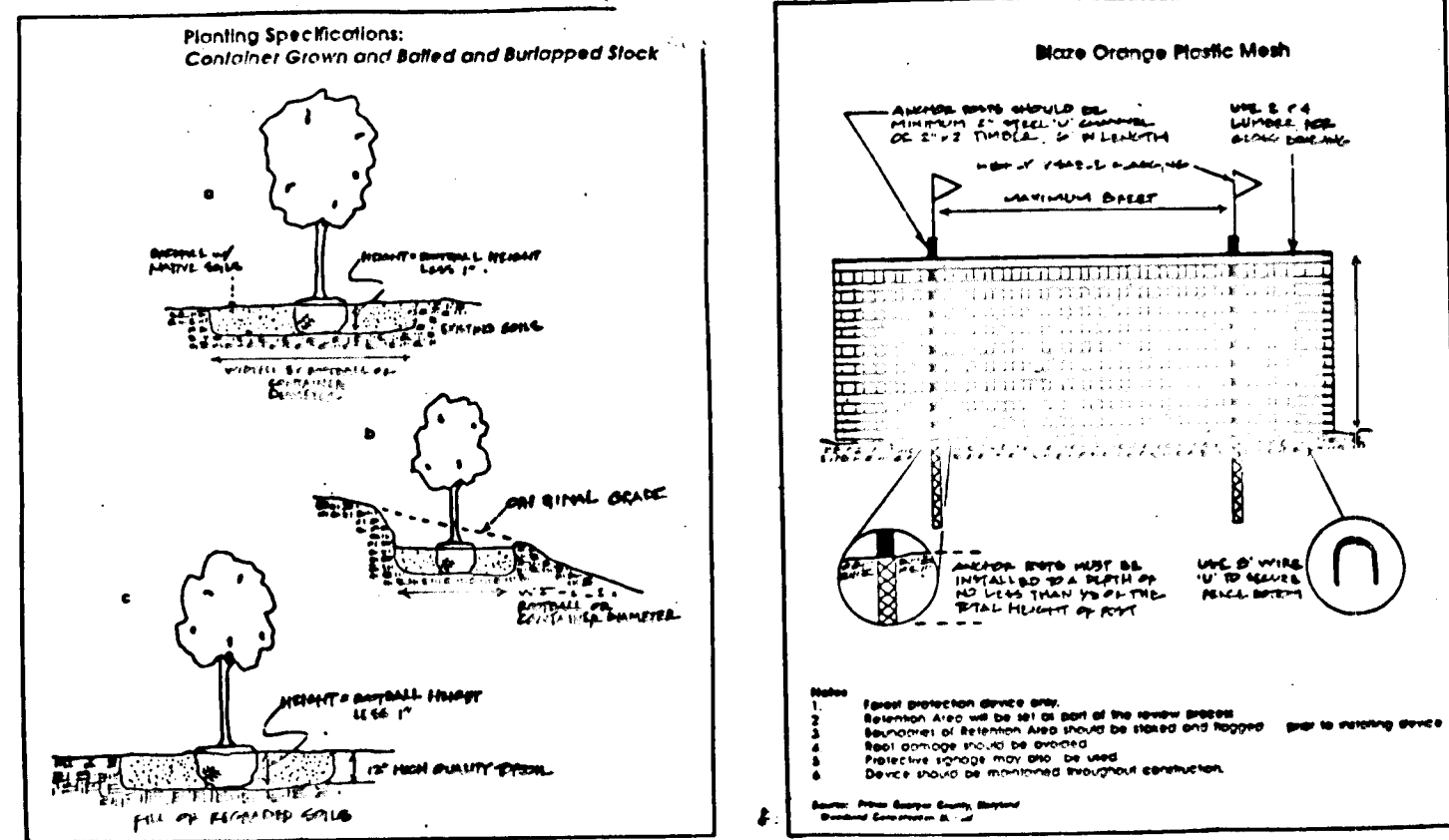
NUMBER	TYPE	INV. IN	INV. OUT	UPPER	LOWER	DETAIL	LOCATION
I-4A	A-10	260.66	260.56	270.08	269.8	SD 4.02	98*20 19' RT Future Marshalee Drive
I-5	"S" INLET	263.75	263.50	267.50	267.50	SD 4.22*	N 500889.725 E 867715.237
I-6	"S" INLET	265.75	265.00	269.00	269.00	SD 4.22*	N 500995.475 E 867619.203
S-4	End Section	252.00	252.00	253.50	253.50	SD 5.51	N 500040.230 E 867768.237
S-5	End Section	258.00	258.00	259.50	259.50	SD 5.51	N 500572.383 E 867626.163

* Reticular Grate SD 4.93



STORM DRAIN PROFILE

Scale: 1" = 50' HORIZ.
1" = 5' VERT.



PLANTING NOTES - street trees

- Notify "Miss Utility" 72 hours prior to installation of all plant material.
- Plant installation must conform to the minimum standards cited in the latest edition of Landscape Specification Guidelines, published by the Landscape Contractors Association.
- Plants to be installed in the field by the owner or owner's representative. Notify owner 72 hours in advance of planting.
- A Certificate of Landscape Installation is required as per the Howard County Landscape Ordinance.
- The number, size, location of plants shall not be changed without the approval of the Landscape Architect. Substitutions must be approved in the recommended plant list in the Howard County Landscape Ordinance.
- Street tree locations may be adjusted for final location of driveways. Trees to be located a minimum of 10 feet from driveway.
- Street trees may not be planted within 5 feet of drain inlets, 5 feet of an open access strip and 10 feet of a driveway.
- Street tree planting must conform to the Subdivision and Land Development Ordinance and the Department of Public Works Design Manual of Howard County.
- Balled and Burtopped plant material shall not be accepted if ball is cracked or broken before or during planting. Protect all plants from drying by either sun or wind.
- Tree pits shall be backfilled with 60% topsoil, 25% peat, 25% sand with one pound of 10-10-10 fertilizer per pit.
- Top soil shall be sandy loam soil free from noxious weeds or grasses, roots, clay clumps, stones, sticks, etc. Peat moss shall be commercial with pH 6 to 6.5, free of woody material or harmful minerals.
- All plants shall be watered at planting with weekly watering thereafter for the first 90 days. Watering shall continue bi-monthly or as necessary to maintain plants in a healthy condition during the guarantee period.
- Maintain the site in an orderly manner. Street and sidewalks shall be swept clean. All rejected or dead material shall be immediately removed from the site.
- Plant material to be alive and healthy at the time of the guarantee period (one year), as specified in the Howard County Landscape Ordinance.

PLANTING NOTES - afforestation planting

- Forest Stand Delineation and the Preliminary Forest Conservation Plan prepared by C. Wilkins, Landscape Architect.
- Written Documentation including afforestation location, construction protection and management, cost estimates, plant densities, etc. prepared by C. Wilkins, Landscape Architect, Submission No. P-94-07.
- A) Commercial Protection and Management. Upon completion of the rough grading of the afforestation area, a protective fence and signs will be installed. Adjacent landowners will be informed about the existence and importance of these areas.
- B) Soil Conservation Protection. After completion and approval of planting, the protective fence shall remain only if construction of Marshalee Drive endangers the vicinity of the newly planted area. Signs will be removed after the two year maintenance period as directed by the Howard County Forest Conservation Manual.
- All planting to meet the implementation techniques and practices as described in the Howard County Forest Conservation Manual.
- There are no existing trees on the site.
- The hardwood container grown stock should be planted randomly at an average of eleven feet on center in a naturalized pattern. Species should be mixed with no less than three trees of one species in a group. Edge species should be planted on the perimeter of the afforestation area (Astragalus, Cornus, and Viburnum).
- Evergreen seedlings should be planted randomly at an average of eight feet on center in a naturalized pattern.
- The Landscape Contractor will be responsible for general site preparation of the rough graded afforestation area. The planting area should be created by incorporating natural mulch into the top twelve inches of soil. The Contractor will provide needed soil amendments as determined by a soil analysis. Amendments should be natural materials such as organic mulch or leaf mold compost.

ENGINEER'S CERTIFICATE

"I certify that this plan for Sediment and Erosion 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."

BRUCE D. BURTON
Signature of Engineer
10/12/95
Date

DEVELOPER'S CERTIFICATE

"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 Attendance 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."

Bruce D. Burton
Signature of Developer
6/12/95
Date

These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements.

Patricia Engler 10/13/95
Natural Resources Center, Top Section, Route 1

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

John R. Plutner 10/13/95
Howard Soil Conservation District

APPROVED: Department of Public Works for Storm Drainage Systems and Roads.

John R. Plutner 11/2/95
Chief, Bureau of Highways

APPROVED: Department of Planning and Zoning.

Anna J. Jurek 11/17/95
Chief, Division of Land Development and Research

BRUCE D. BURTON 10/12/95

LDE, INC.

9250 Rumsey Road, Suite 106, Columbia, MD 21045
(410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)

Designed E.D.B.	STORM DRAIN PROFILES & LANDSCAPE DETAILS	Scale As Shown
Drawn K.B.W.	MARSHALEE WOODS SECTION TWO AREA TWO LOTS 64 THRU 73	Sheet 4 of 7
Checked B.D.B.	Tax Map No. 37 Parcel 593 1st Election District Howard County, MD Previous Submittals: 589-80, 589-19, P90-28, P92-17 588-84, F93-36, W91-180, W94-89, F95-19, P94-07	LDE Job No. 95-022
Date: Feb. 1995	Owner/Developer: MARSHALEE WOODS LTD. PARTNERSHIP 8835 - P Columbia 100 Parkway Columbia, MD 21045 Phone: (410) 730-0810	File No.

1667

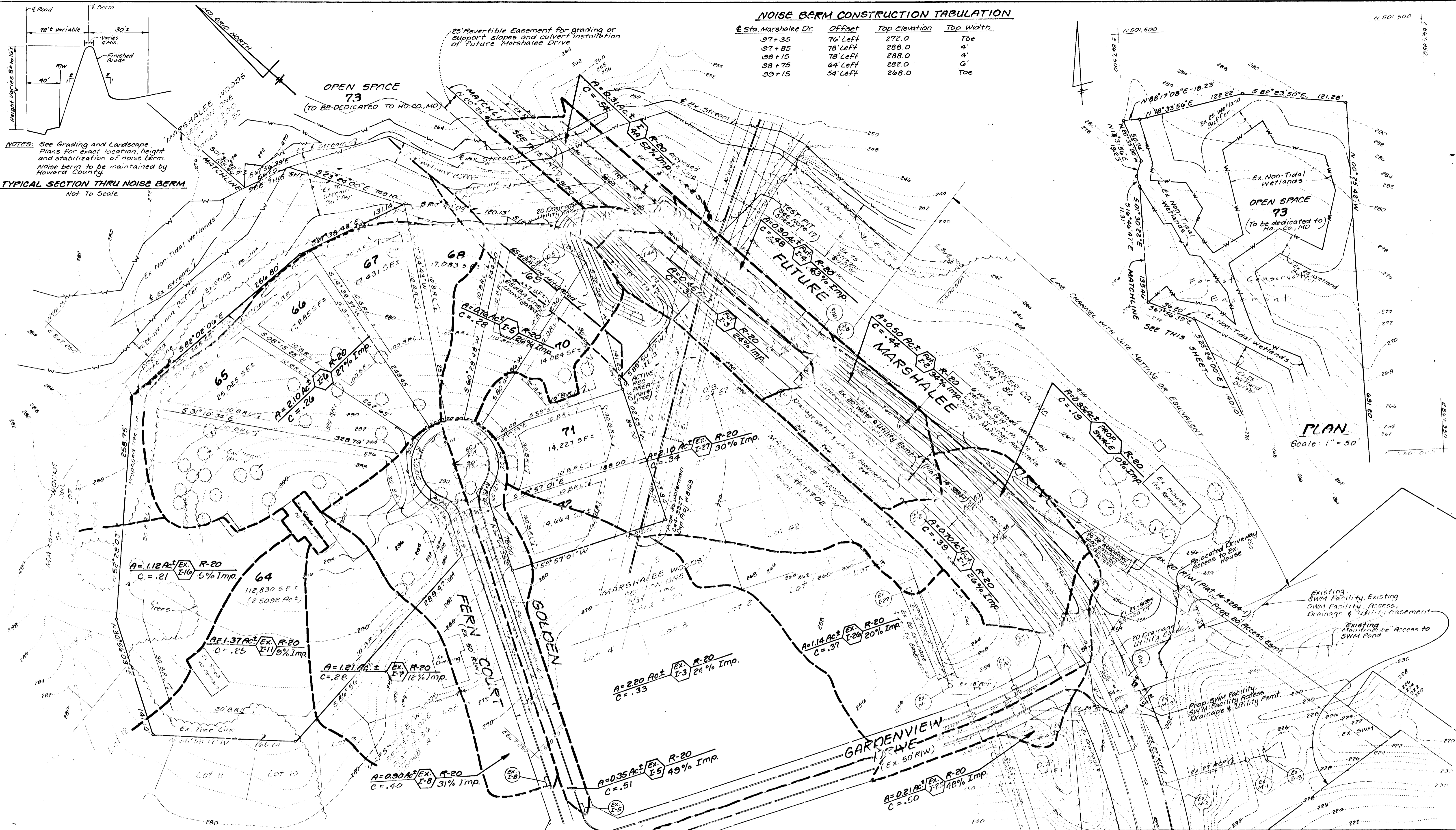
NOISE BERM CONSTRUCTION TABULATION

Sta. Marshalee Dr.	Offset	Top Elevation	Top Width
97+35	76' Left	272.0	7'0"
97+85	78' Left	288.0	4'
98+15	78' Left	288.0	4'
98+75	64' Left	282.0	6'
99+15	54' Left	268.0	7'0"

TYPICAL SECTION THRU NOISE BERM
Not To Scale

NOTES: See Grading and Landscape Plans for exact location, height and stabilization of noise berm. Noise berm to be maintained by Howard County.

TYPICAL SECTION THRU NOISE BERM
Not To Scale



ENGINEER'S CERTIFICATE
I certify that this plan for "Erosion 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.

BRUCE D. BURTON 10/12/95

DEVELOPER'S CERTIFICATE
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 Attendance at a Department of the Environment Approved Training Program for the Control of Erosion and Sedimentation before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.

Bradley Towel 6-12-95

These plans have been reviewed by the Howard Soil Conservation District and meet the technical requirements.

Patricia Engle 10/23/95

This development was approved by the Howard Soil Conservation District.

John R. Roberts 10/23/95

APPROVED, Department of Planning and Zoning

Jim Sturmy 11/17/95

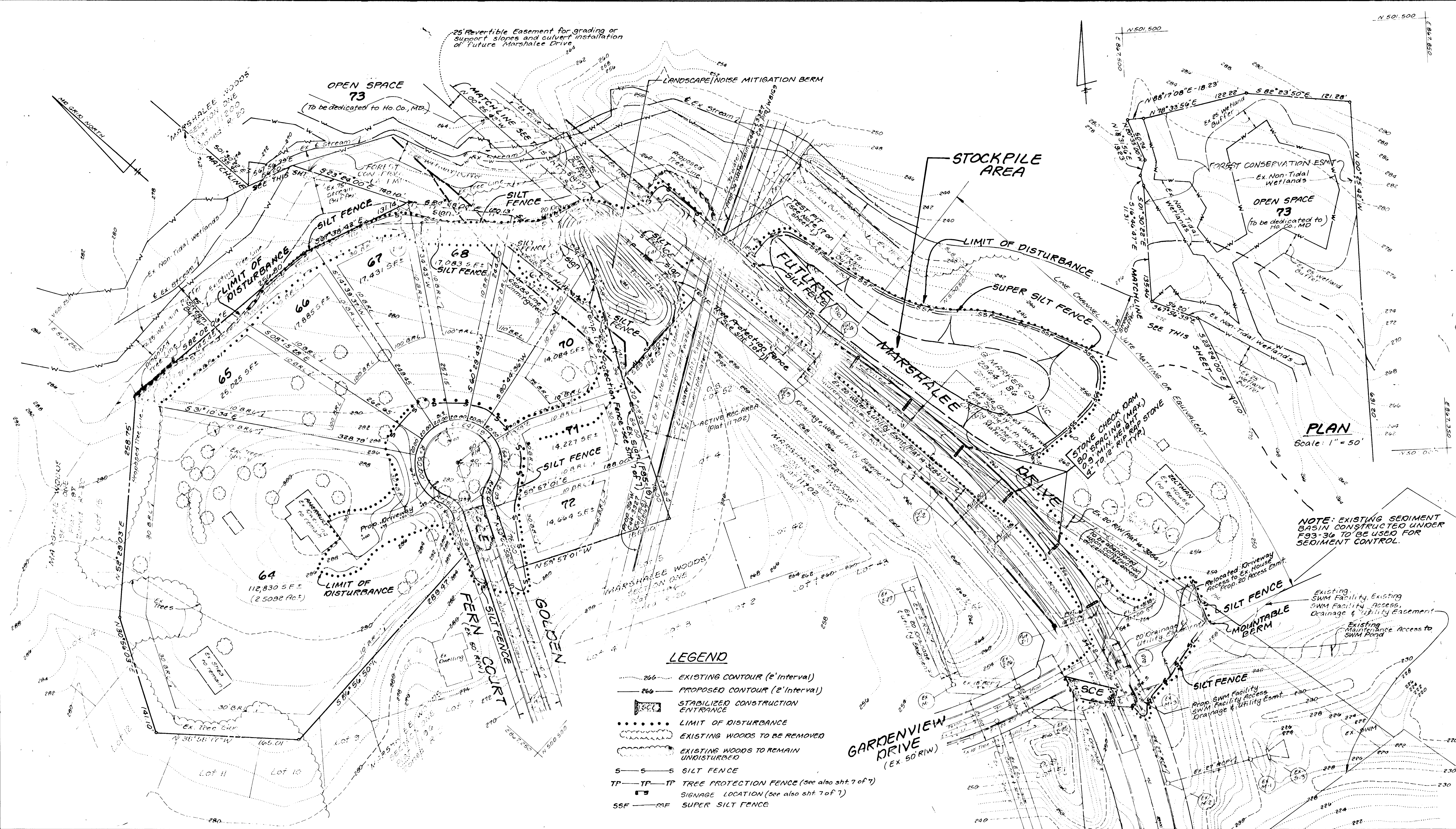
Chief, Development Engineering Division

BRUCE D. BURTON 10/12/95

LDI, INC.
9250 Rumsey Road, Suite 106, Columbia, MD. 21045
(410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)

DESIGNED	EDS	SCALE
10/12/95	1" = 50'	
DRAWN	K.B.W.	SHEET
10/12/95	5 of 7	
CHECKED	B.O.B.	DATE
10/12/95	10/12/95	
DATE	MAY, 1995	

DRAINAGE AREA MAP
MARSHALEE WOODS
SECTION TWO AREA TWO
LOTS 64 THRU 73
Tax Map No. 37 Parcel 593
1st Election District Howard County, MD
Previous Submittals: 588-80, 588-10, 588-28, 588-17, 588-84, 588-30, 588-100, 588-89, 588-10, 588-27



LEGEND

- 2' interval --- EXISTING CONTOUR (2' interval)
- 2' interval --- PROPOSED CONTOUR (2' interval)
- STABILIZED CONSTRUCTION ENTRANCE
- LIMIT OF DISTURBANCE
- EXISTING WOODS TO BE REMOVED
- EXISTING WOODS TO REMAIN UNDISTURBED
- SILT FENCE
- TREE PROTECTION FENCE (see also sht. 7 of 7)
- SIGNAGE LOCATION (see also sht. 7 of 7)
- SUPER SILT FENCE

PLAN
Scale: 1" = 50'

NOTE: EXISTING SEDIMENT BASIN CONSTRUCTED UNDER F93-30 TO BE USED FOR SEDIMENT CONTROL.

ENGINEER'S CERTIFICATE

I certify that this plan for Sediment and Erosion 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.

Bruce D. Burton
Signature of Engineer

10/12/95

DEVELOPER'S CERTIFICATE

I 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 Attendance 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.

Bradley Lavelle
Signature of Developer

6-12-95

These plans were prepared by the Howard Soil Conservation District and meet the technical requirements.

Patricia Engle 11/23/95
District Engineer

This development is in accordance with the Howard Soil Conservation District.

John R. ... 10/23/95
Chief, Bureau of Highway

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE HOWARD SOIL CONSERVATION DISTRICT'S EROSION CONTROL PLAN AND DRAINAGE SYSTEMS AND STANDARDS.

APPROVED: Department of Planning and Zoning

Chief, Development Engineering Division 11/7/95

Anna Surmanjic 11/17/95
Chief, Division of Land Development and Research

James ... 11-7-95
Chief, Bureau of Highway

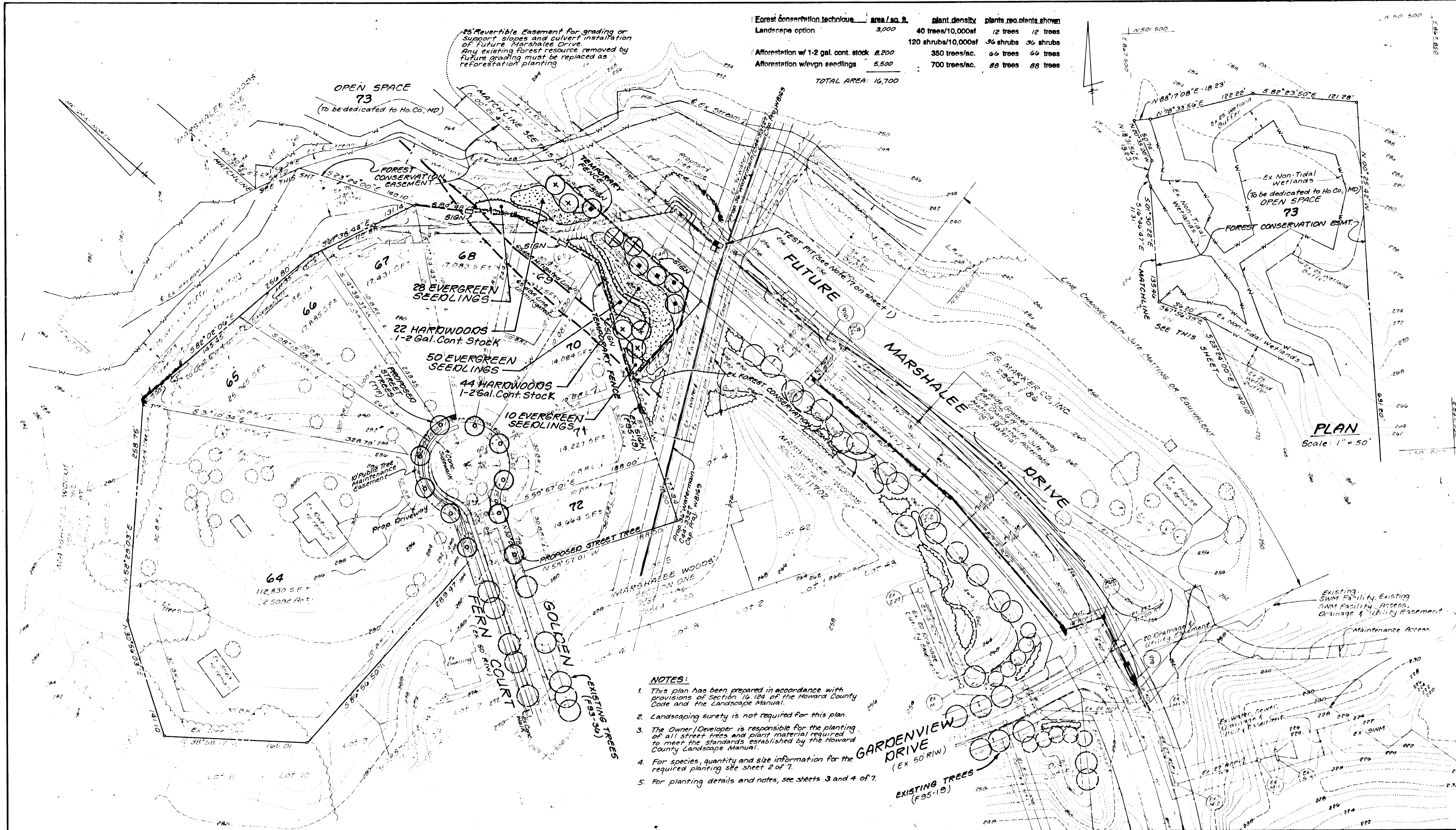
IJE, INC.
8250 Rumsey Road, Suite 106, Columbia, MD. 21045
(410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)

Designed E.D.S.	GRADING, SEDIMENT AND EROSION CONTROL PLAN MARSHALEE WOODS SECTION TWO AREA TWO LOTS 64 THRU 73	Scale 1" = 50'
Drawn K.B.W.		Sheet 6 of 7
Checked B.O.B.		Lot Area 44,000 sq. ft.
Date May, 1995		Parcel No. 37
		1st Election District Howard County, MD Previous Submittals: 589-80, 589-10, P90-20, P92-17, 589-80, F93-30, W94-100, W94-100, F95-10, P94-07

1667

Forest Conservation Technique	Area / sq. ft.	Plant Density	Plants / no. plants shown
Landscape option	3,000	40 trees/10,000sf	12 trees 12 shrubs
Afforestation w/ 1-2 gal. cont. stock	8,200	120 shrubs/10,000sf	36 shrubs 36 shrubs
Afforestation w/ vgn seedlings	5,500	350 trees/ac.	66 trees 66 trees
		700 trees/ac.	88 trees 88 trees

TOTAL AREA: 16,700



- NOTES:**
- This plan has been prepared in accordance with provisions of Section 16.124 of the Howard County Code and the Landscape Manual.
 - Landscape surety is not required for this plan.
 - The Owner/Developer is responsible for the planting of all street trees and plant material required to meet the standards established by the Howard County Landscape Manual.
 - For species, quantity and size information for the required planting see sheet 2 of 7.
 - For planting details and notes, see sheets 3 and 4 of 7.

PLAN
Scale: 1" = 50'

1667

ENGINEER'S CERTIFICATE
I certify that this plan for Sediment and Erosion Control represents a practical and verifiable 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.

BRUCE D. BURTON 10/10/95

DEVELOPER'S CERTIFICATE
I certify that a development and construction will be done according to this plan and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a seminar of the Environment Approved Training Program for the Control of Erosion and Sediment before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.

Donally Jewel 6-12-95

Patricia Engler 10/23/95

Paul Blanton 10/20/95

APPROVED: Department of Planning and Zoning

APPROVED: Department of Planning and Zoning

Chief Development Engineering Division 11/17/95

Qina Swamy 11/17/95

APPROVED: Department of Planning and Zoning

APPROVED: Department of Planning and Zoning

Chief Development Engineering Division 11/17/95

Qina Swamy 11/17/95

APPROVED: Department of Planning and Zoning

APPROVED: Department of Planning and Zoning

Chief Development Engineering Division 11/17/95

Qina Swamy 11/17/95

LDE, INC.
9250 Rumsey Road, Suite 106, Columbia, MD. 21045
(410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)

Scale	1" = 50'
Drawn	KAW
Check	G.O.B.
Date	May, 1995

LANDSCAPE PLAN
MARSHALEE WOODS
SECTION TWO AREA TWO
LOTS 64 THRU 73

Tax Map No. 37 Parcel 593
1st Election District Howard County, MD
Previous Submittals 589-80, 589-10, P90-28, P92-17, 588-80, F93-30, W90-190, W94-09, F95-13, P94-04

MARSHALEE WOODS PARTNERSHIP
8816 J. J. QUINLAN RD. #100 KKKV
Columbia, MD 21045 Phone (410) 330-0810

HOWARD SOIL CONSERVATION DISTRICT
PERMANENT 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, disking or other acceptable means before seeding, if not previously loosened.

Soil Amendments: 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 disk into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 urea fertilizer (9 lbs/1000 sq. ft.)

2) **Soil Amendment:** 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 disk 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 10-10-10 fertilizer (0.5 lbs/1000 sq. ft.) of vernalis longears. During the period of October 1 thru February 28, proceed site by site by Option (1) - 2 tons per acre well weathered steel mulch and seed as soon as possible in the spring. Option (2) - Use soil. Option (3) - Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well weathered straw.

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of untreated small grain straw immediately after seeding. Another mulch immediately after application using mulch on slopes of 6 feet or higher, use 300 gallons per acre (60 lbs/1000 sq. ft.) for anchoring.

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

TEMPORARY SEEDING NOTES

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

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

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 1 thru October 15, seed with 2-1/2 lbs/1000 sq. ft. of vernalis longears (0.7 lbs/1000 sq. ft.). For the period November 15 thru February 28, proceed site by site by applying 2 tons per acre of well weathered straw mulch and seed as soon as possible in the spring, or use soil.

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of untreated vernalis longears immediately after seeding. Another mulch immediately after application using mulch on slopes of 6 feet or higher, use 300 gallons per acre (60 lbs/1000 sq. ft.) for anchoring.

Refer to the 1983 HURDLE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for additional notes and methods not covered.

HOWARD SOIL CONSERVATION DISTRICT
STANDARD SEDIMENT CONTROL NOTES

1) A minimum of 48 hours notice must be given to the Howard County Department of Inspection, Licenses and Permits, Sediment Control Division prior to the start of any construction, (890-3450).

2) All vegetative and structural practices are to be installed according to the provisions of the Hurdle Standards and Specifications for Soil Erosion and Sediment Control, and revisions thereto.

3) Following initial soil disturbance or disturbance, permanent or temporary stabilization shall be completed within 3) 7 calendar days for all perimeter stabilization 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 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 HURDLE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding (Sec. 51), and (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when permanent seeding dates do not allow for proper germination and establishment of grasses.

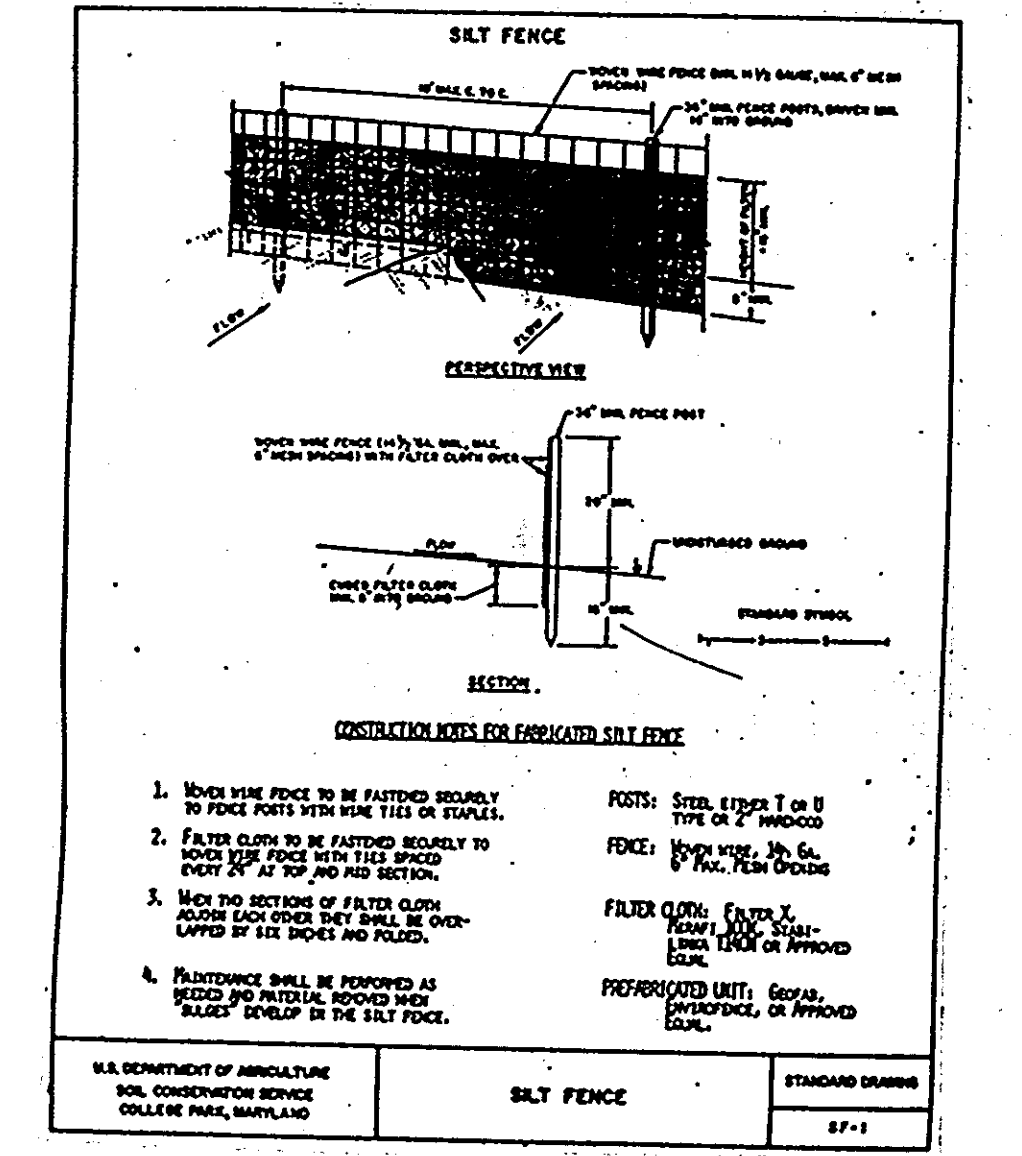
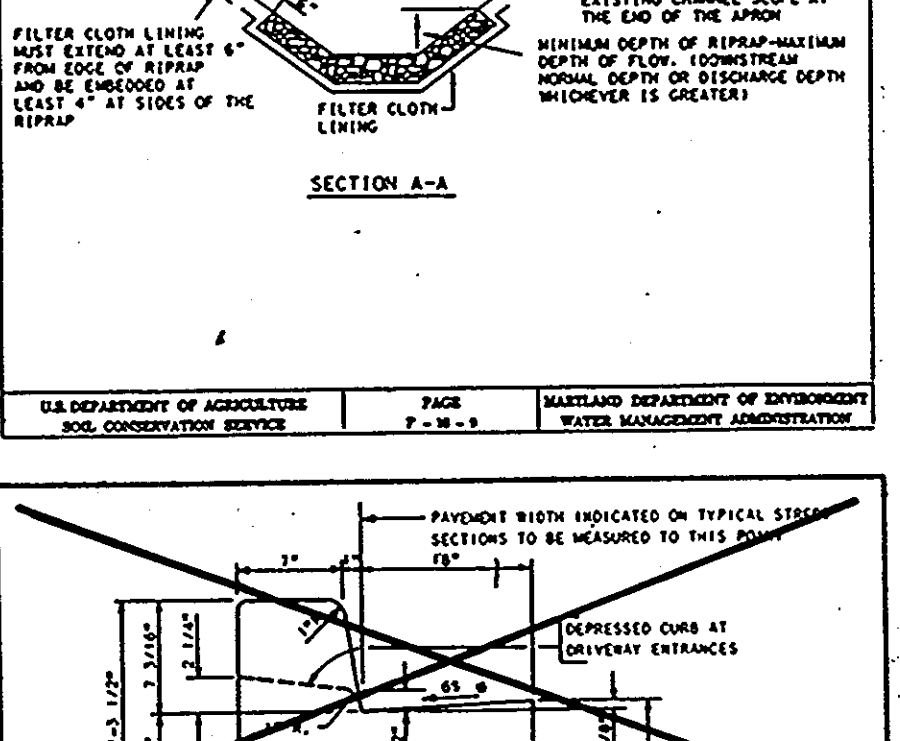
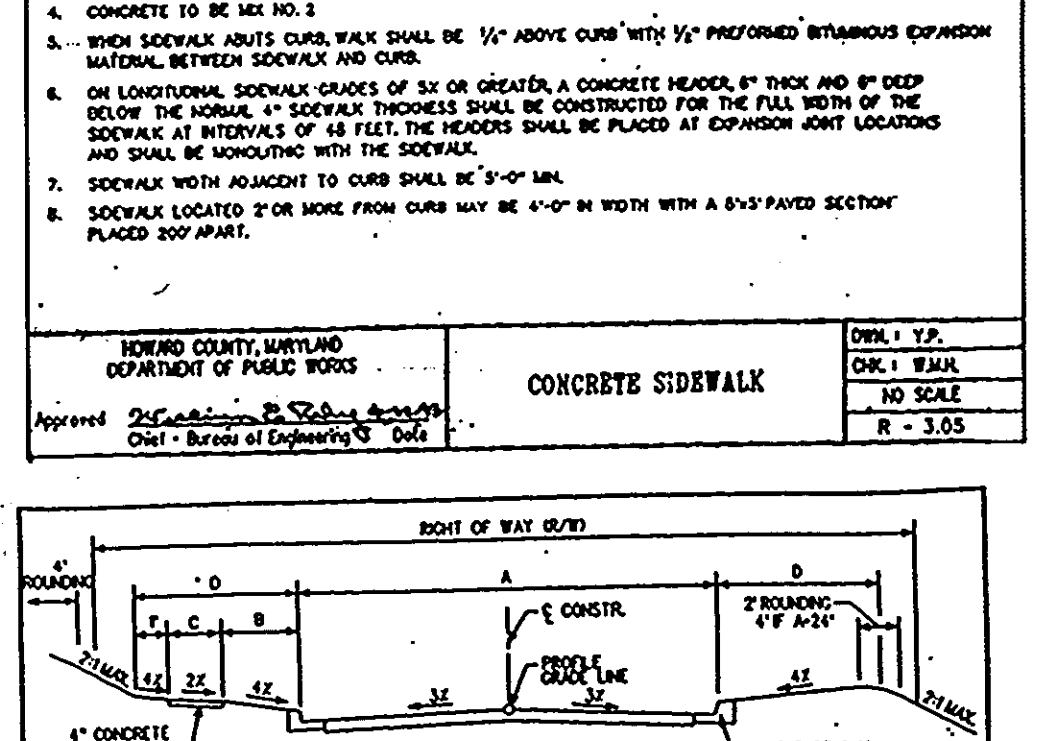
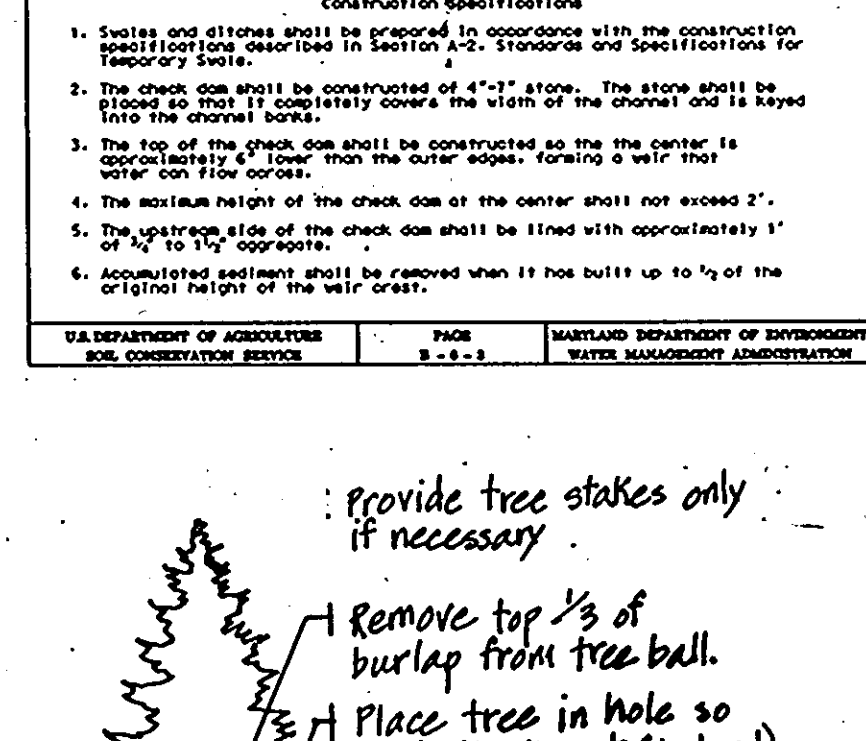
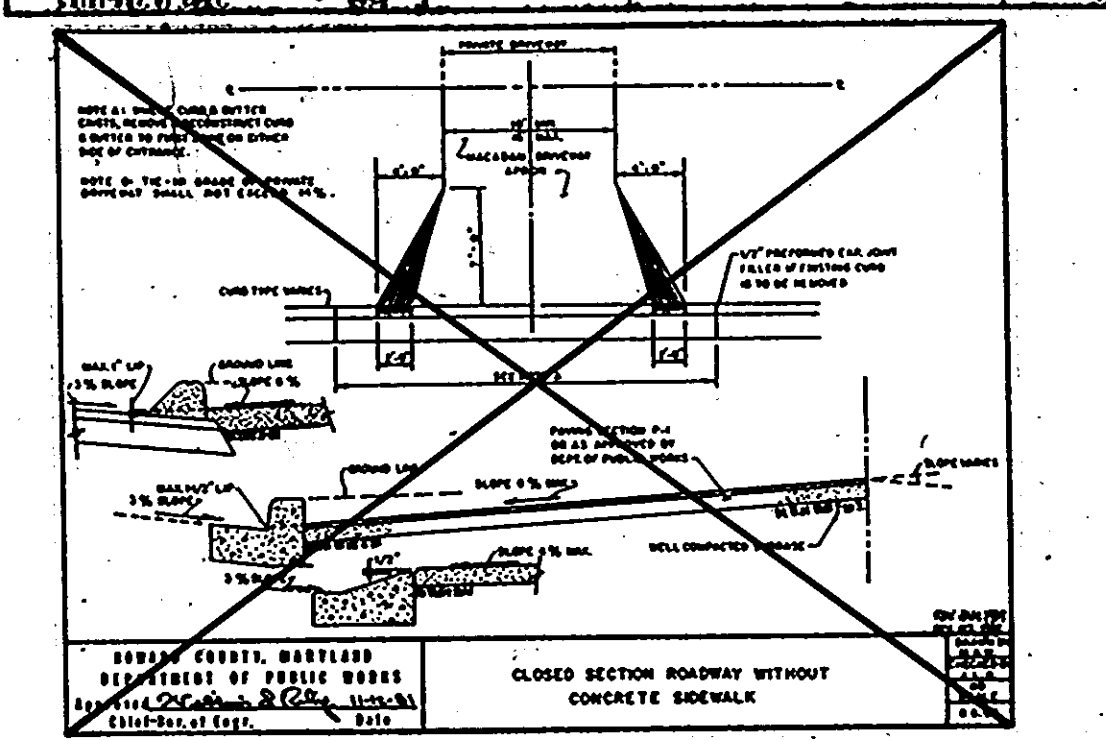
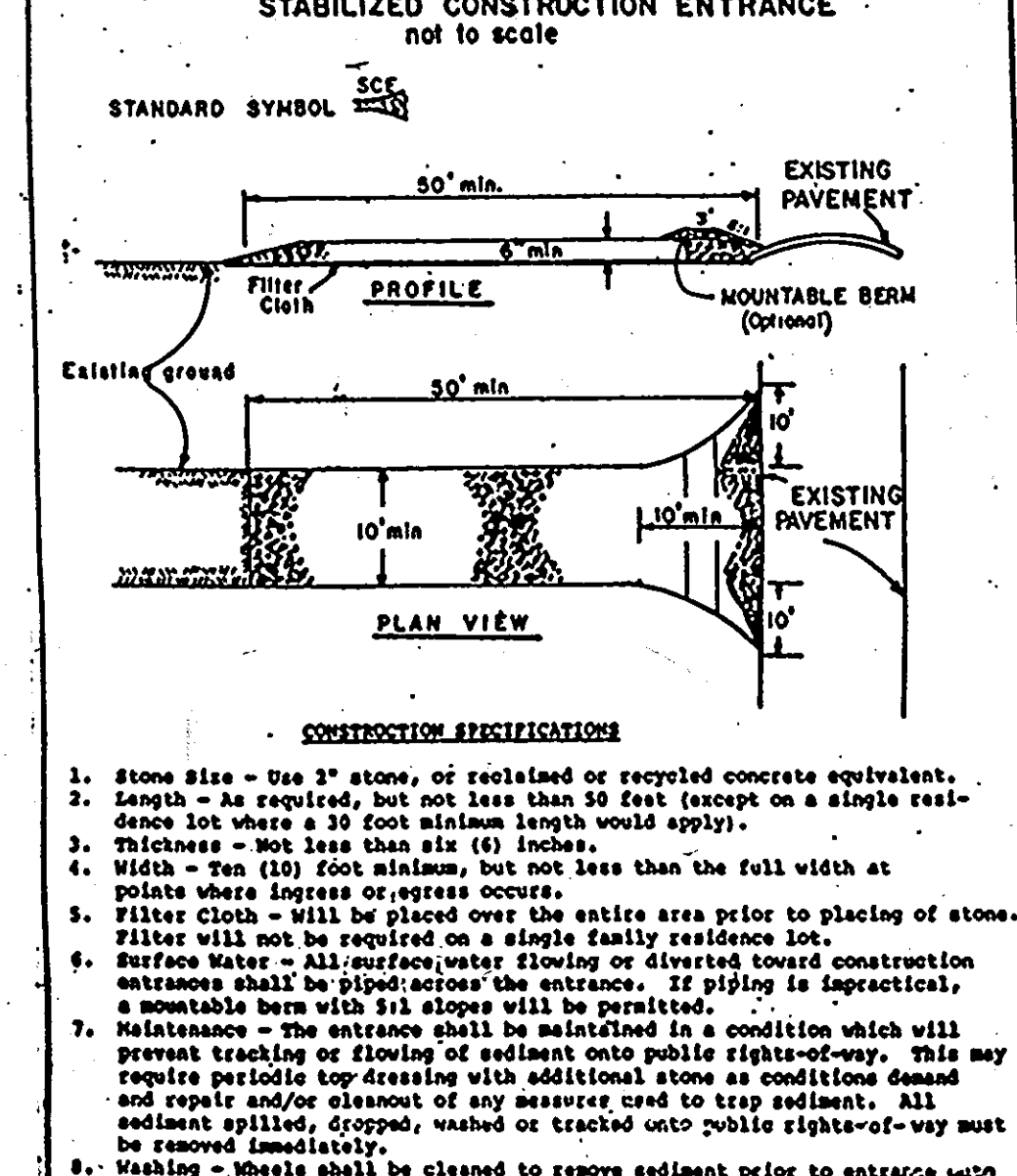
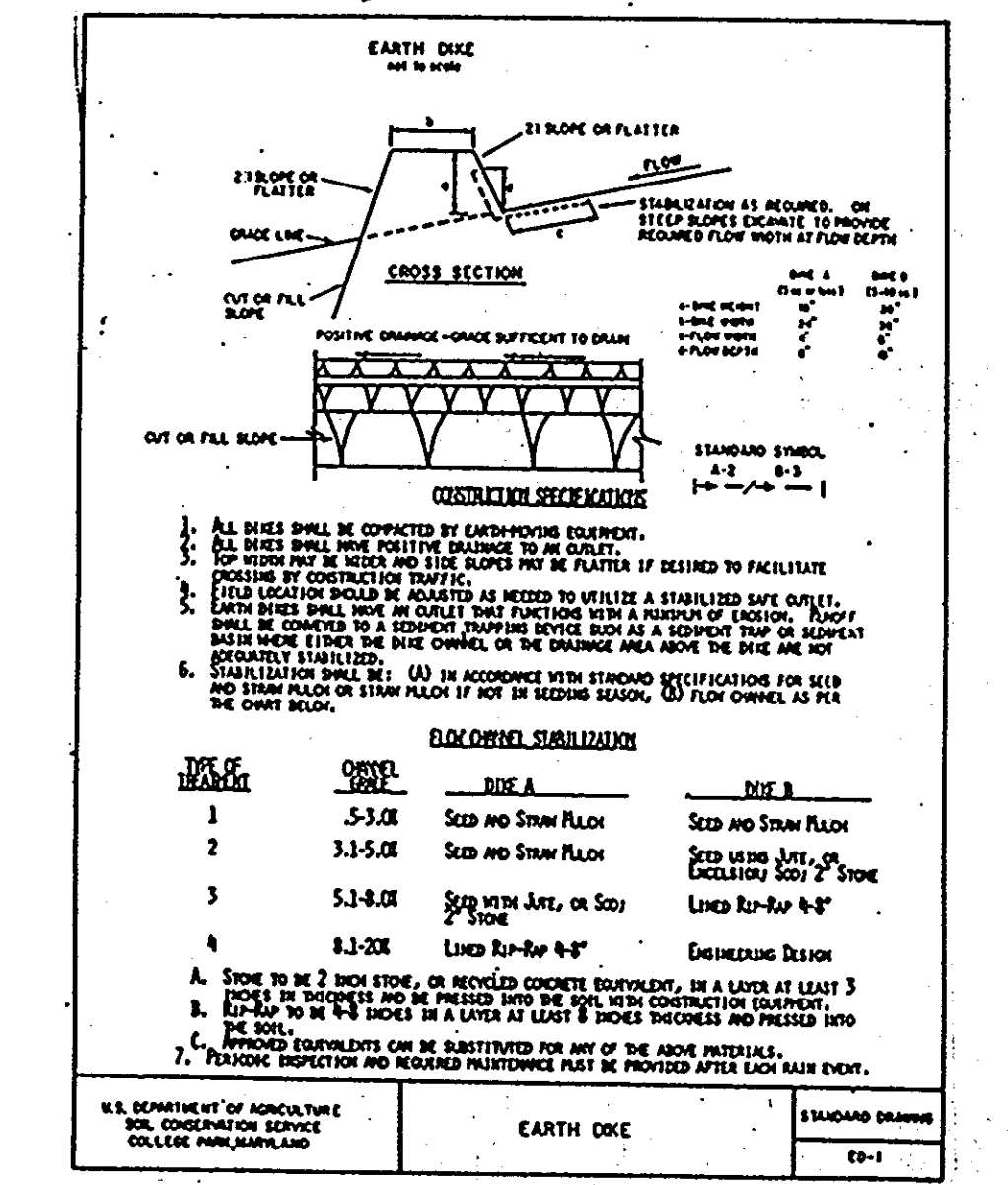
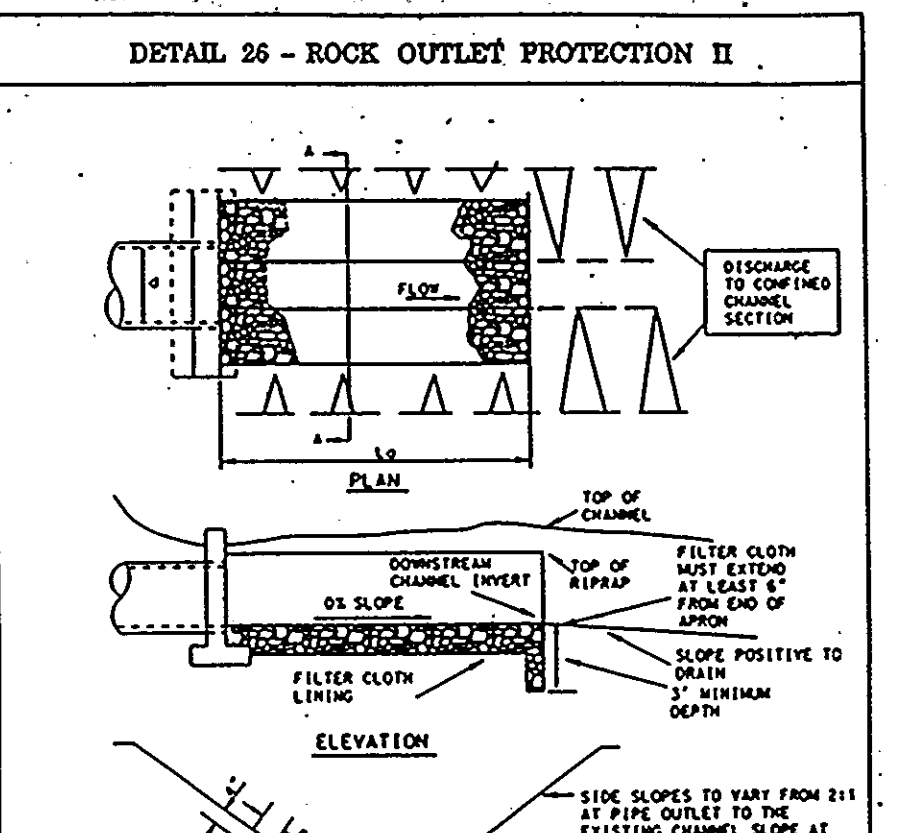
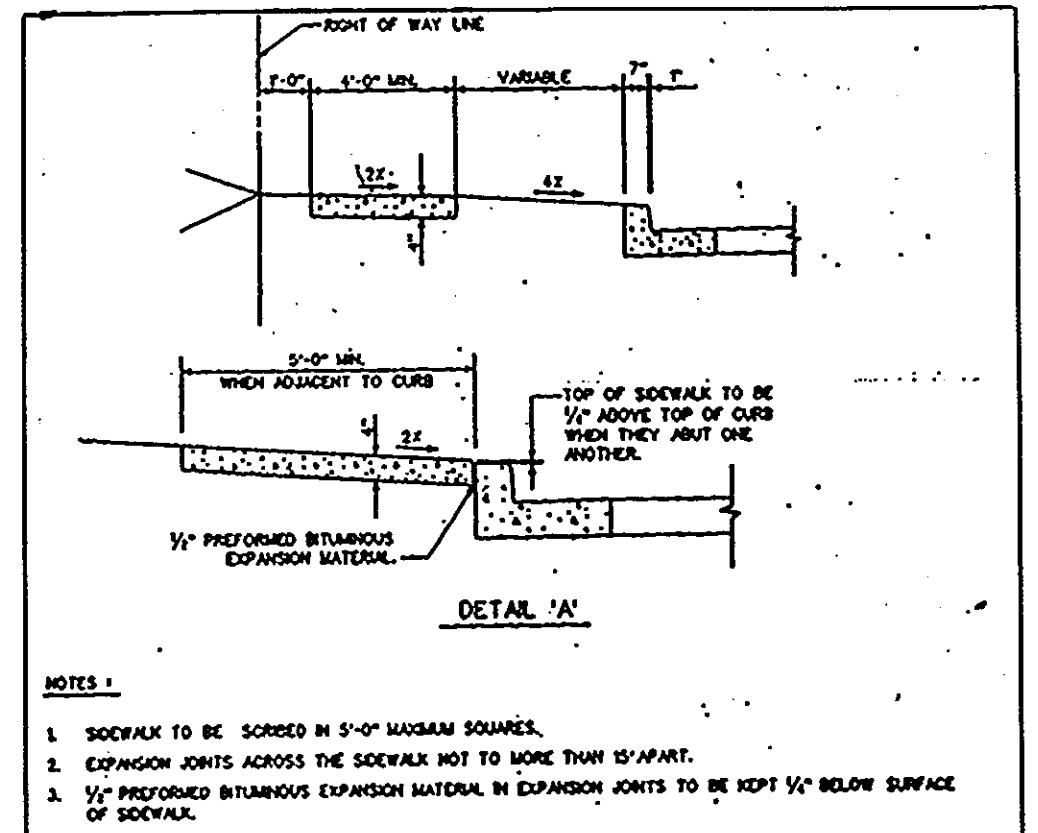
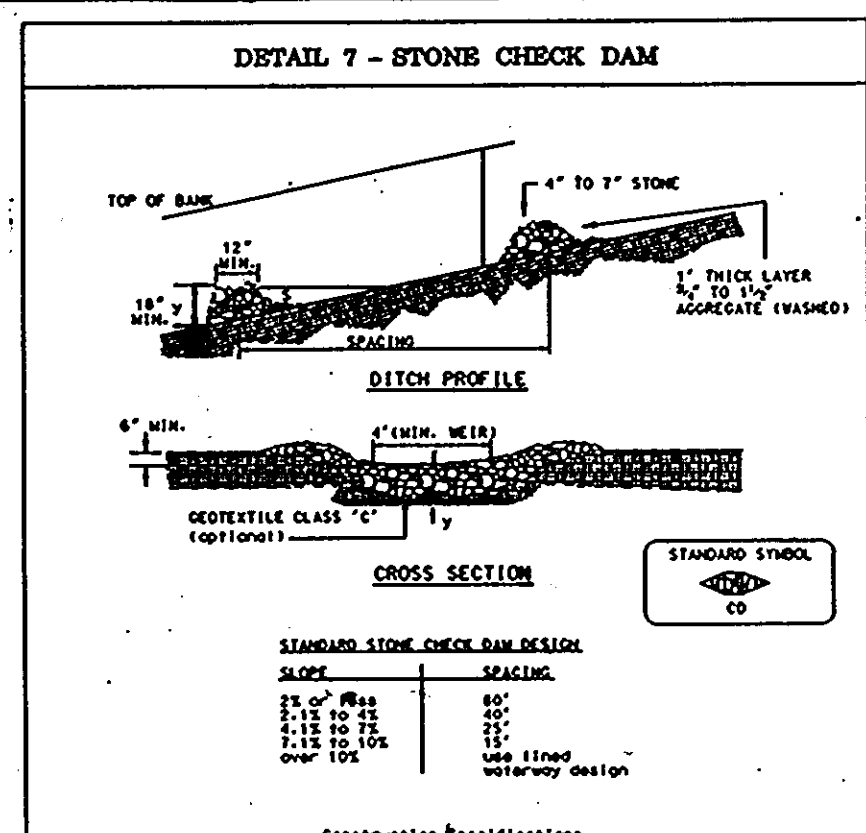
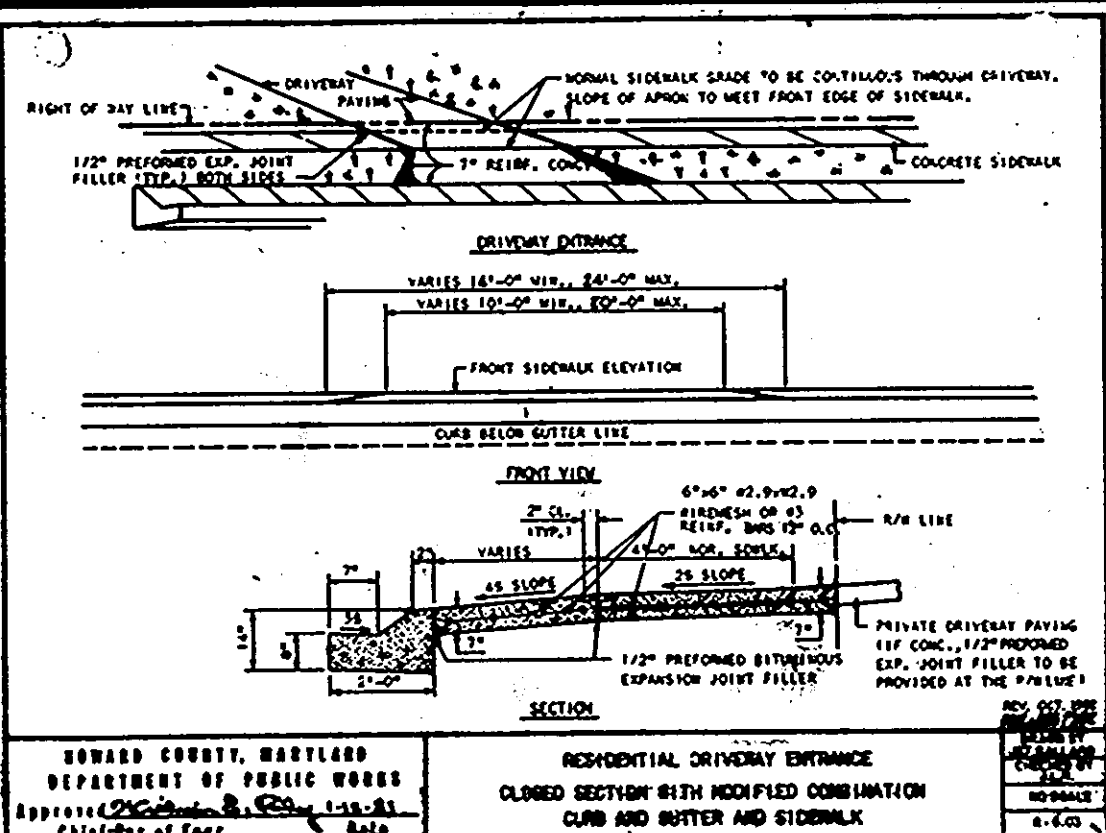
6) All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.

7) **Site Analysis:**
 Total Area of Site: 800 Acres
 Area Disturbed: 200 Acres
 Area to be seeded or paved: 200 Acres
 Area to be vegetatively stabilized: 200 Acres
 Total cost: \$100,000
 Offsite waste/borrow area location: On Site

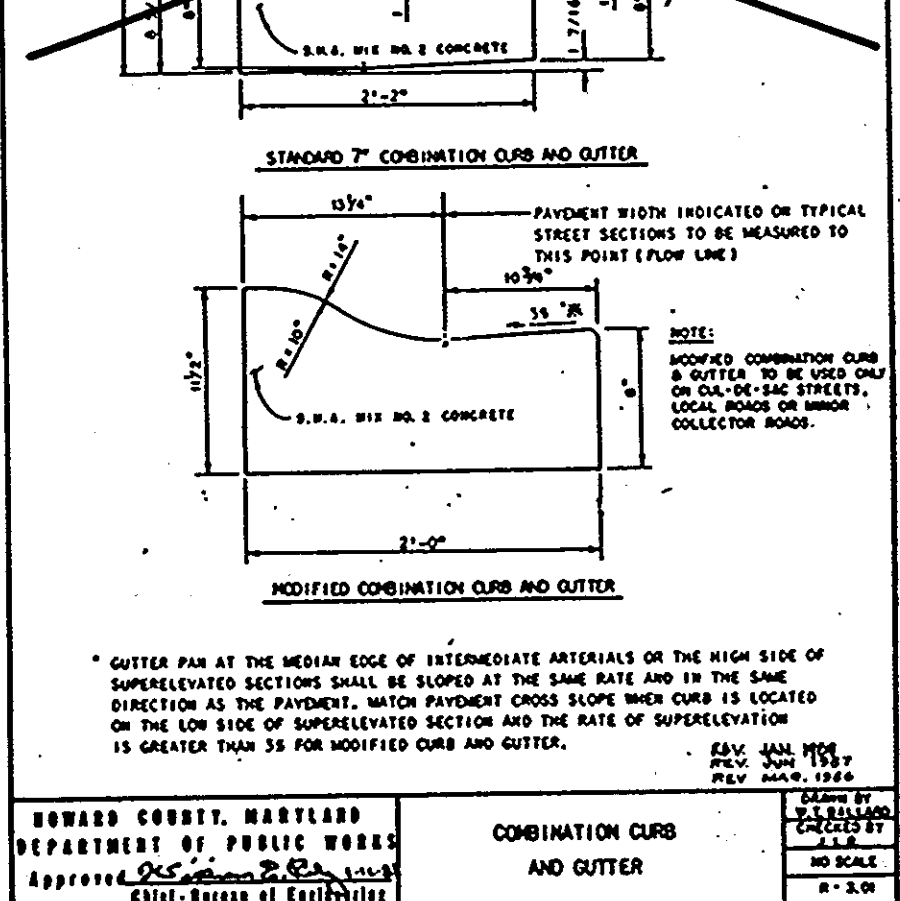
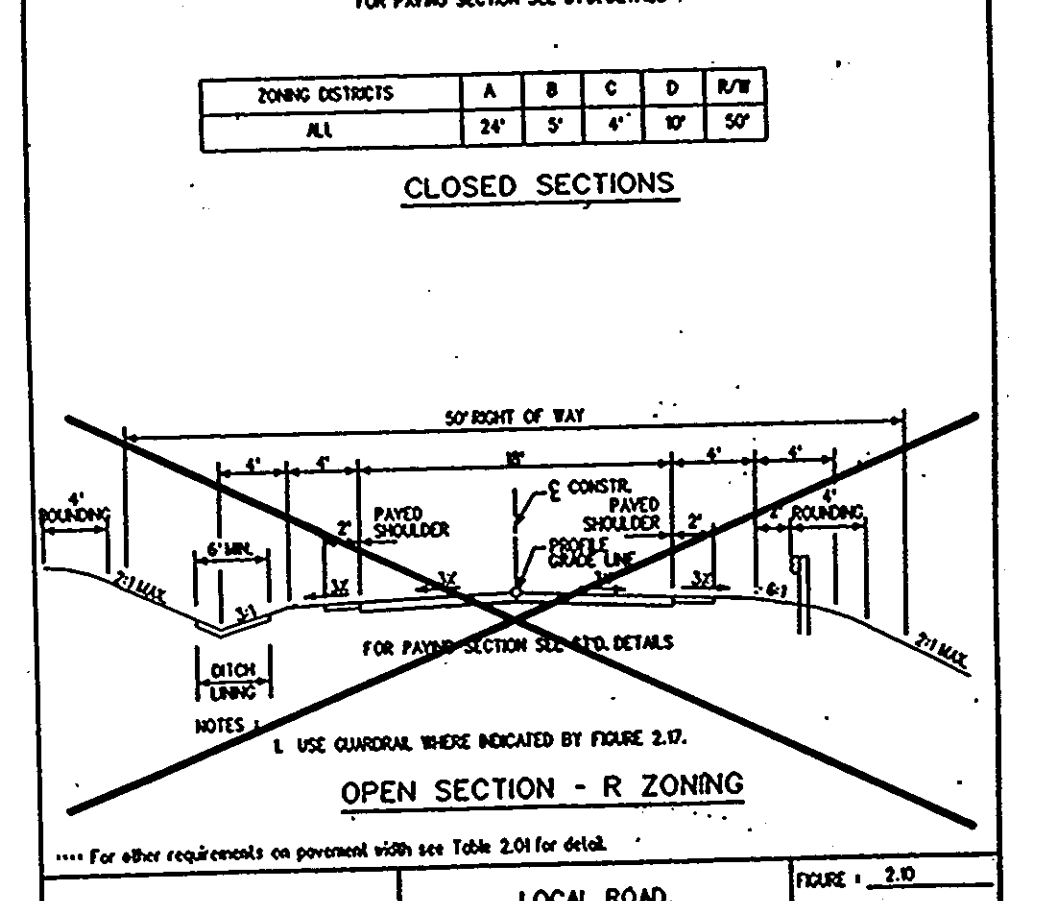
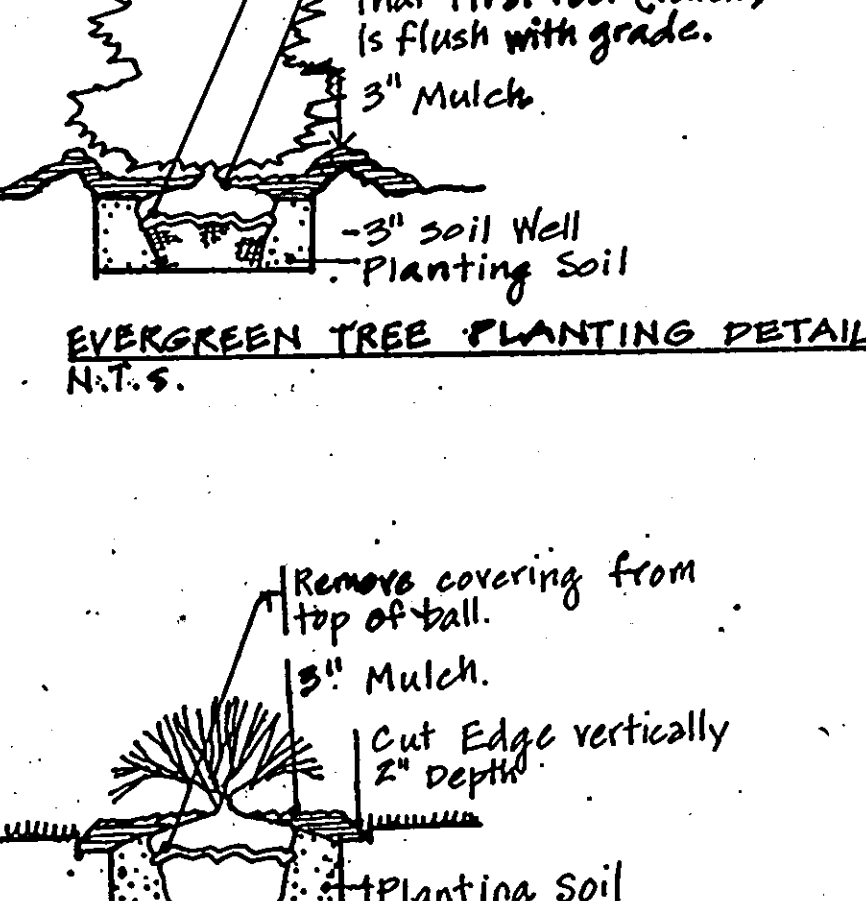
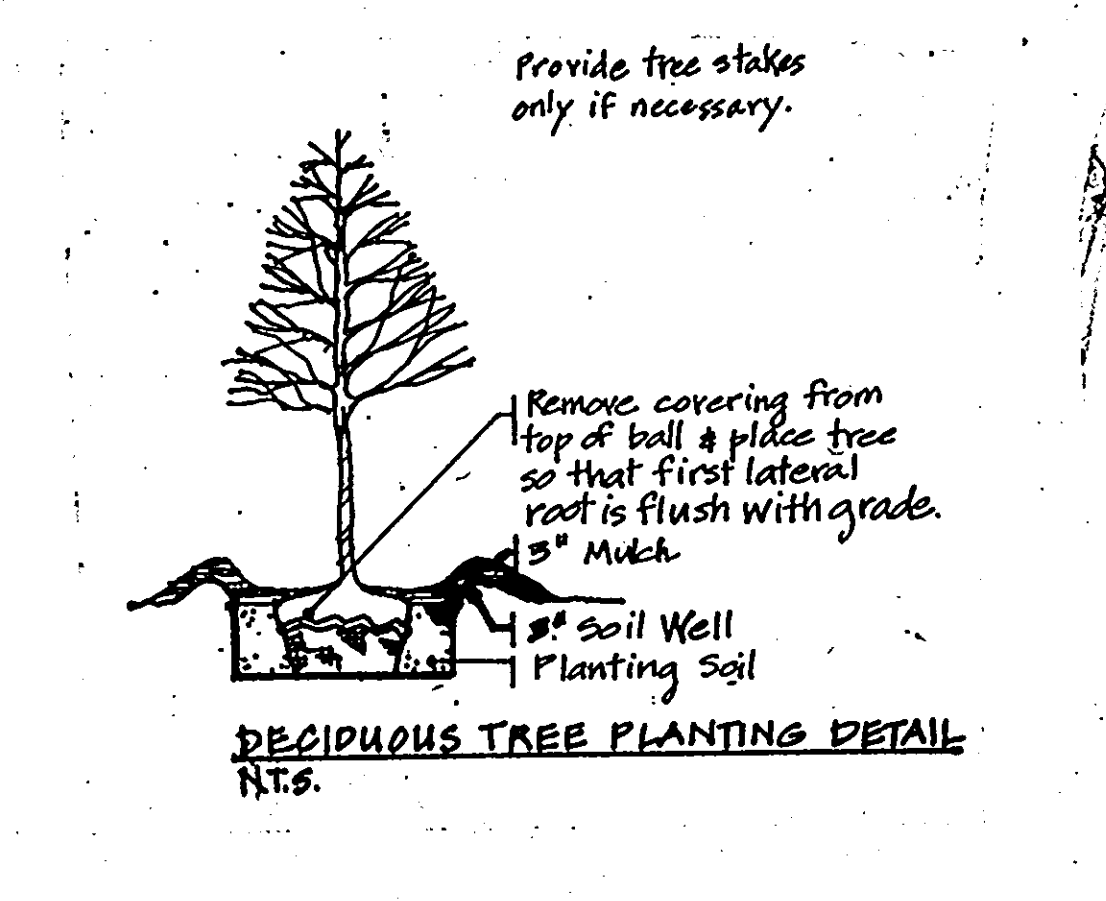
8) Any sediment control practice which is disturbed by grading activity for the placement of utilities must be replaced on the same day of disturbance. HURDLE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL must be provided, if deemed necessary by the Howard County Sediment Control Inspector.

9) 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 grading or grading inspection approvals may not be authorized until this initial approval by the Inspection agency is made.

10) Trenches for the construction of utilities is limited to three pipe lengths or that which can be back filled and stabilized within one working day, whichever is shorter.



- SEQUENCE OF CONSTRUCTION**
- Obtain grading permit. (1 Day)
 - Install stabilized construction entrance. (1 Day)
 - Field delineate limit of disturbance. (1 Week)
 - Install silt fence at the limits of disturbance where shown hereon or as directed by the Sediment Control Inspector (1 Week)
 - Install tree protective devices (fences, signs) as shown. (2 Days)
 - Begin grading. (3 Weeks)
 - Install utilities M-4 to I-4A. (2 Weeks)
 - The contractor shall maintain access to the Zeltman Properties via the existing driveways at all times.
 - The contractor shall inspect and provide necessary maintenance on the sediment and erosion control devices shown hereon after each rainfall and on a daily basis. (1 Day)
 - Remove sediment from the roadway and dress Stabilized Construction Entrance as required. (2 Days)
 - Install Curb & Gutter and Paving. (1 Week)
 - After access to the Amerault property via Golden Fern Court and to the Zeltman property via Gardenview Drive is complete, construct remaining storm drain, I-4A - S-5, the swale to S-4, S-4 to Ex. M-3, and the swale at the rear of Lots 65 - 69. (2 Weeks)
 - Complete any grading and stabilize disturbed areas with permanent seeding mixture and straw mulch. (1 Day)
 - After permission has been given by Sediment Control Inspector, remove silt fence and stabilize disturbed areas with permanent seeding mixture and straw mulch. (1 Week)



ENGINEER'S CERTIFICATE

"I certify that this plan for Sediment and Erosion 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."

Bruce D. Burton
 Signature of Engineer
 10/10/95
 Date

DEVELOPER'S CERTIFICATE

"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 Attendance 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."

Brendly Javel
 Signature of Developer
 6-12-95
 Date

These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements.

Patricia Engle
 Natural Resources Conservation Service Date

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

John R. Rebertus
 Howard Soil Conservation District Date

APPROVED: Department of Public Works for Storm Drainage Systems and Roads.

Chief, Development Engineering Division
 1/9/95
 Date

Chief, Bureau of Highways
 11/7/95
 Date

APPROVED: Department of Planning and Zoning.

Chief, Planning and Zoning
 11/7/95
 Date

LDE, INC.
 9250 Rumsey Road, Suite 108, Columbia, MD. 21045
 (410) 715-1070 (301) 598-3424 (410) 715-9540 (Fax)

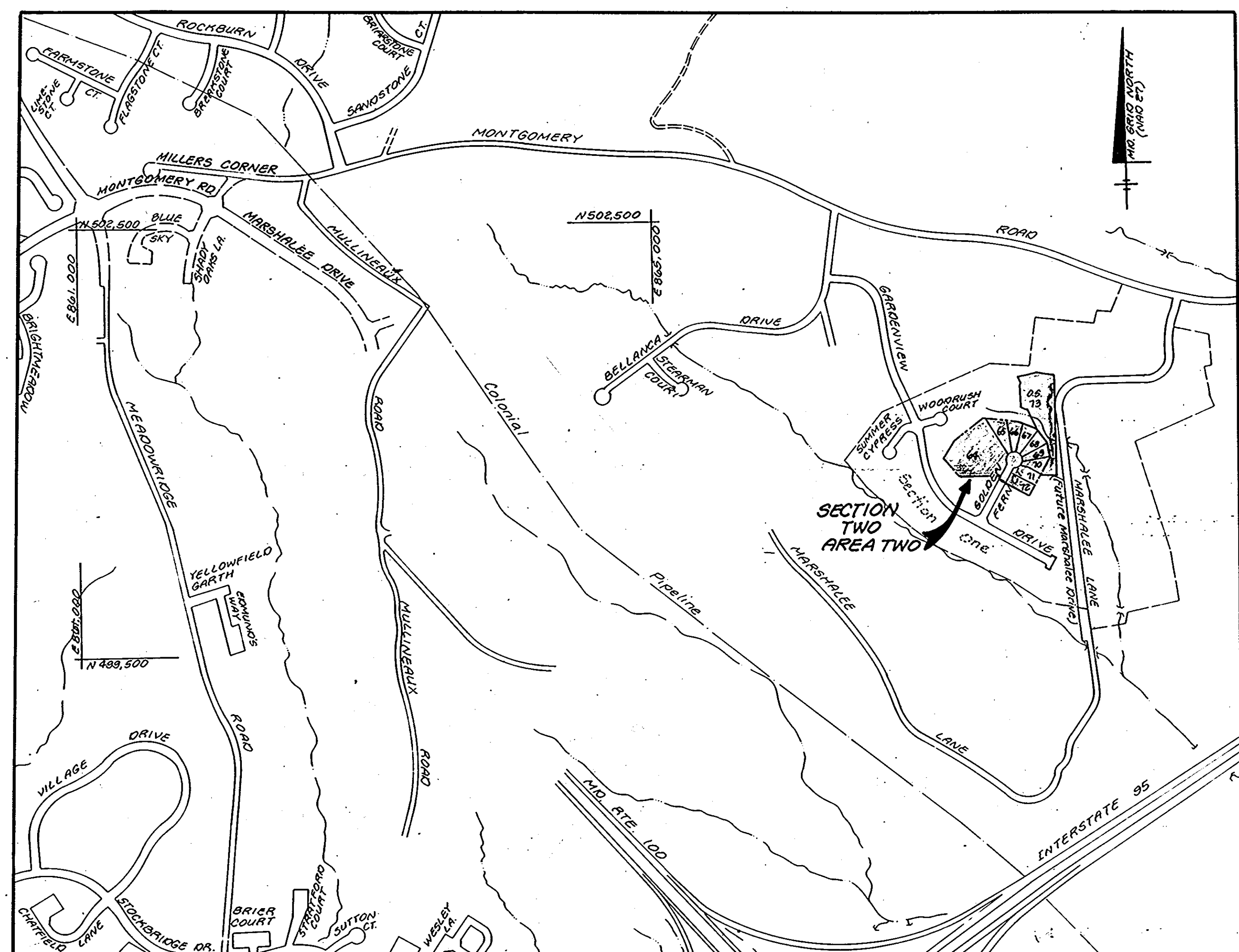
ROAD CONSTRUCTION DETAILS
 GRADING, SEDIMENT & EROSION CONTROL DETAILS

MARSHALEE WOODS SECTION TWO AREA TWO
 LOTS 64 THRU 73
 Tax Map No. 37 Parcel 593
 1st Election District Howard County, MD
 Previous Submittals: 589-80, 589-19, P90-28, P92-17, 588-84, F93-36, WPAI-100, WPAI-89, F95-19, P94-07

Scale: As Shown
Sheet: 3 of 7
LDE Job No: 95-022
File No:

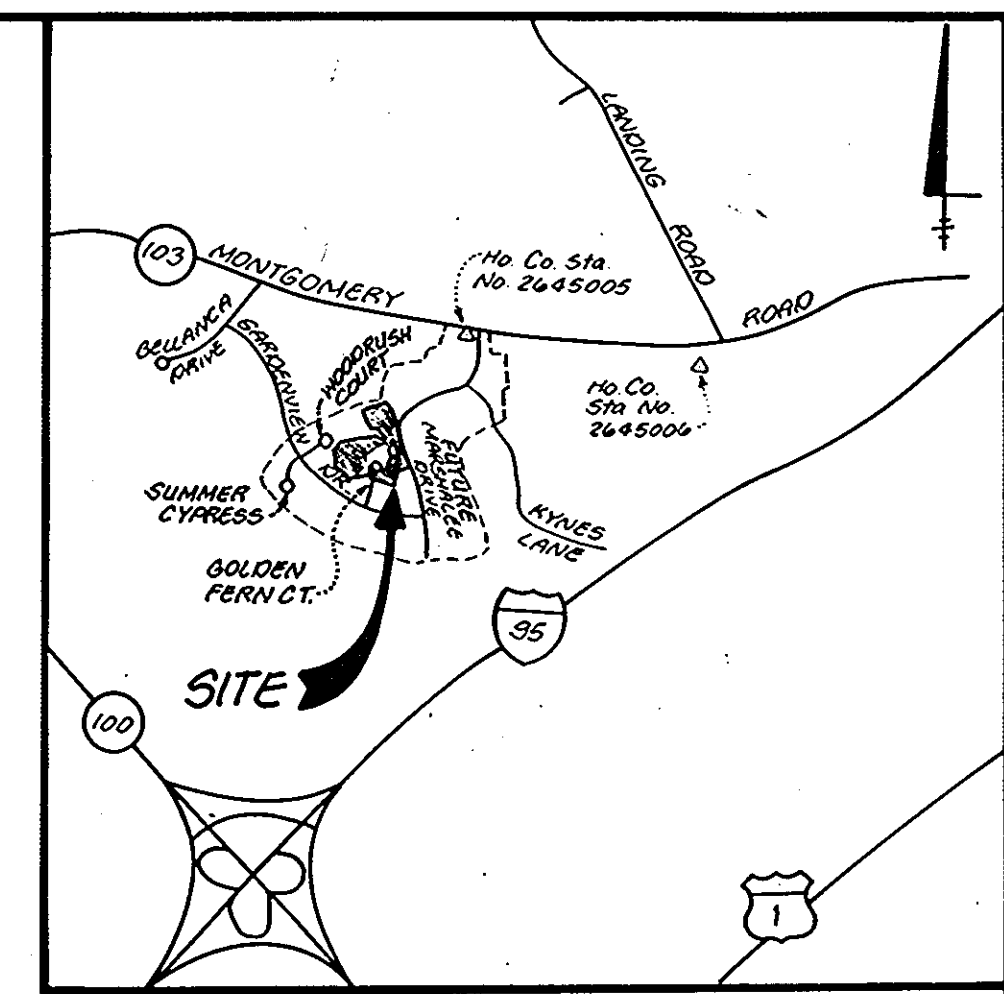
1667

INDEX OF SHEETS	
No.	TITLE
1	COVER SHEET
2	GOLDEN FERN COURT - PLAN AND PROFILE
3	ROAD CONSTRUCTION DETAILS AND GRADING, SEDIMENT & EROSION CONTROL DETAILS
4	STORM DRAIN PROFILES & LANDSCAPE DETAILS
5	DRAINAGE AREA MAP
6	GRADING, SEDIMENT AND EROSION CONTROL PLAN
7	LANDSCAPE PLAN



LOCATION MAP
Scale: 1" = 600'

BENCHMARKS:
 H.D. CO. MONUMENT # 2645005 - ELEV. 291.929
 DESCRIPTION: Concrete Monument 0.3 Ft. Below Surface at top of Bank
 H.D. CO. MONUMENT # 2645006 - ELEV. N/A
 DESCRIPTION: Concrete Monument 0.2' Below Surface at top of Bank



VICINITY MAP
Scale: 1" = 2,000'

ROAD & STORM DRAIN CONSTRUCTION PLANS

MARSHALEE WOODS

SECTION TWO AREA TWO

LOTS 64 THRU 73

1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND

General Notes

- All construction shall be in accordance with the latest standards and specifications of Howard County Design Manual Vol. IV, plus MSHA Standards and Specifications, if applicable.
- The contractor shall notify the Department of Public Works/Bureau of Engineering/Construction Inspection at (410) 313-1880 at least five (5) working days prior to the start of work.
- The contractor shall notify "Miss Utility" at 1-800-257-7777 at least forty-eight (48) hours prior to any excavation work.
- Project Background:
 Location: Elkridge, Tax Map: 37, Parcels: 593
 Zoning: R-20
 Section / Area: 2/2
 Election District: 1st
 Total Tract Area: 8.0817 Ac. +/-
 Previous Submittals: 589-80, 589-19, F90-28, F92-17, 588-84, F93-36
- Traffic control devices, markings, and signing shall be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). All street and regulatory signs shall be in place prior to the placement of any asphalt.
- Any damage caused by the contractor to existing public right-of-way, existing paving, existing curb and gutter, existing utilities, etc. shall be corrected at the contractor's expense.
- The existing utilities shown hereon are located from field surveys and construction drawings of record. The approximate location of existing utilities are shown for the contractor's information and convenience. The contractor shall locate existing utilities to his own satisfaction and well in advance of any construction activities. Additionally, the contractor shall take all necessary precautions to protect all existing utilities and maintain uninterrupted service. The topography shown hereon is compiled from photogrammetric aerial survey, compiled by Photogrammetric Services, Inc. (March 18, 1988), and post-graded conditions in accordance with F-93-36.
- Horizontal and vertical datum's are related to the Maryland State Plane Coordinate System as projected from Howard county control stations No. 2645005 and No. 2645006 (NAD 27).
- All hydraulic data is for the 10-year storm unless otherwise noted.
- Sidewalks and ramps shall be in conformance with the current ADA requirements.
- See sheet 3 for construction sequence.
- 95% compaction in all fill areas shall be determined by AASHTO T-180.
- Stormwater Management is provided in the facility constructed under F93-36. Quantity Management is by detention. Quality management is by retention.
- Street light placement and the type of fixture and pole selected shall be in accordance with the Howard County Design Manual Volume III (1993) and as modified by "Guidelines for street lights in residential developments (June 1993)".
- Wetlands Delineation by Exploration Research, Inc. July 1988 and February 1989.
- Contractor to test pit existing 36" water main at proposed storm drain crossing. Test pit depth as shown. Test pit shall be located by the Contractor two (2) weeks in advance of construction operations. Contact the Department of Public Works / Bureau of Engineering / Construction Inspection Division at (410) 313-1880 prior to excavation.

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ENGINEER'S CERTIFICATE
 "I certify that this plan for Sediment and Erosion 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."

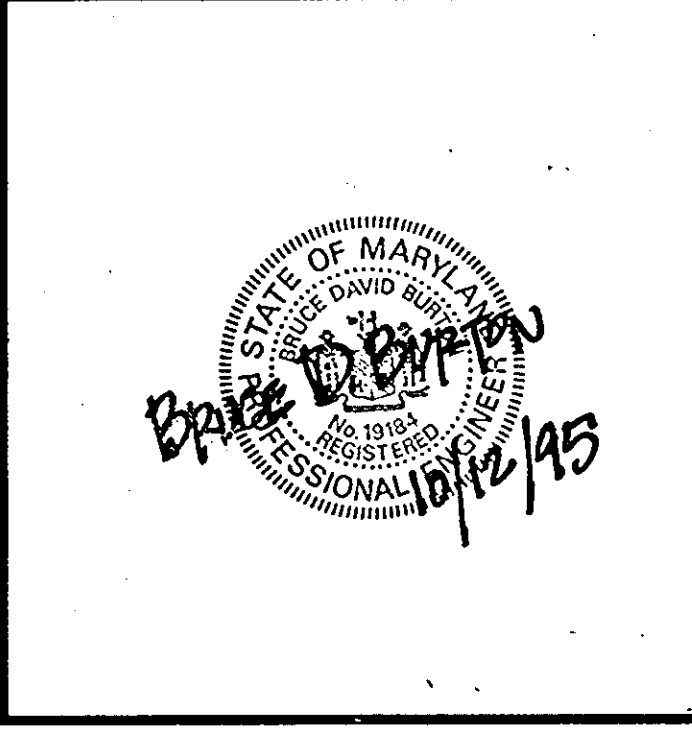
 Bruce D. Burton
 Signature of Engineer
 10/12/95
 Date

DEVELOPER'S CERTIFICATE
 "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 Attendance 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."
 Bradley Tavel
 Signature of Developer
 6-12-95
 Date

These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements.
 Patricia Engle
 Signature
 10/23/95
 Date
 This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District
 John P. Robertson
 Signature
 10/26/95
 Date
 Howard Soil Conservation District

APPROVED: Department of Public Works for Storm Drainage Systems and Roads
 APPROVED: Department of Planning and Zoning
 Chief, Development Engineering Division
 11/6/95
 Date
 Chief, Division of Land Development and Research
 11/7/95
 Date
 Chief, Bureau of Highways
 11-7-95
 Date

APPROVED: Department of Planning and Zoning
 Chief, Development Engineering Division
 11/6/95
 Date
 Chief, Division of Land Development and Research
 11/7/95
 Date



LDE, INC.
 9250 Rumsey Road, Suite 106, Columbia, MD. 21045
 (410) 715-1070 (301) 598-3424 (410) 715-9540 (Fax)

Designed EBS	COVER SHEET MARSHALEE WOODS SECTION TWO AREA TWO LOTS 64 THRU 73 Tax Map No. 37 Parcel 593 491 1st Election District Howard County, MD. Previous Submittals: 589-80, 589-19, F90-28, F92-17, 588-84, F93-36, WP91-80, WP94-89, F95-19, F94-07	Scale: As Shown
Drawn HBW		Sheet 1 of 7
Checked BOB	LOE Job No 95-022	
Date: May 1995	File No. MARSHALEE WOODS LTD. PARTNERSHIP 8835-P Columbia 100 Parkway Columbia, MD 21045 Phone: (410) 730-0810	