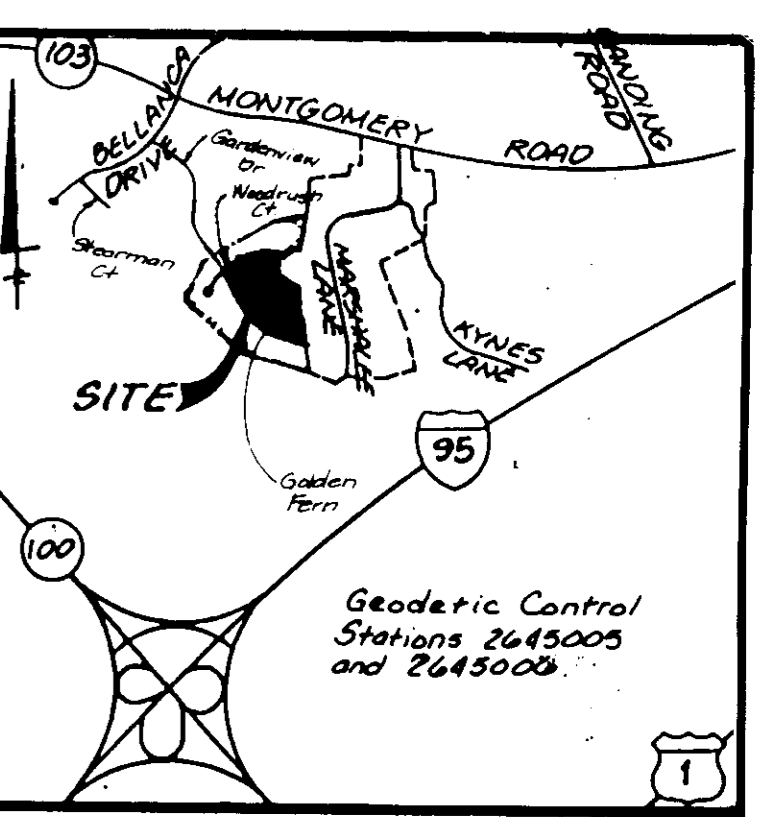


**Sheet Index**  
 1-2 Site Development Plan  
 3-4 Sediment Control Plan  
 5 Construction Details

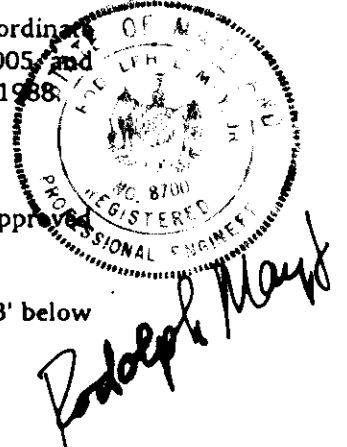
**Address Chart**

No.	Street Address	No.	Street Address
1	7403 Gardenview Dr	9	7377 Gardenview Dr
2	7399	10	7373
3	7395	11	7369
4	7391 Gardenview Dr	12	7365 Gardenview Dr
5	7304 Golden Fern Ct	13	7300 Woodrush Ct
6	7309	14	7304
7	7305	15	7308 Woodrush Ct
8	7301 Golden Fern Ct	30	7304 Gardenview Dr



**NOTES**

- Site Analysis:
  - Total area of parcel: 6.214 Ac.±, or 270,669 SF.
  - Present zoning of property: R-20 (Residential - single)
  - Proposed use of structures: Residential/single family detached
  - Number of parking spaces required - 32; provided - 32.
  - Building coverage of site: 22,768 SF or 8.40%
- Typical minimum building setbacks: Per 1993 Zoning Regulations
  - Front: 30' feet
  - Rear: 30 feet
  - Side: 10 feet
  - Corner lot: 30 feet
- All work shown on these plans shall be done in accordance with Howard County Standards, Specifications and Details for Construction, Volume IV.
- The Contractor shall notify the Department of Public Works, Bureau of Construction Inspection at (410) 313-1000 at least five (5) 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.
- Any damage to existing public right-of-ways, 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 construction drawings of record F93-36 and W & S contract No. 14-3284-D. 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.
- Topography shown is taken from aerial survey March 16, 1989. Two foot contour intervals are shown.
- Horizontal and vertical datums are related to the Maryland State Plane Coordinate System as projected from Howard County Control Station Nos. 2645005 and 2645006 (NAD27). Boundary Survey by Land Design Engineering, Inc. 1/98.
- Stormwater management study for this site was reviewed under F93-36.
- Previous submission F93-36, 14-3284, P90-28, approved 3/16/92.
- Bench mark control station 2645005 B1 291 929 - concrete monument 0.3' below surface.
- No features can be built in easements.



**Minimum Lot Size Chart (S.F.)**

Lot #	Gross Area	Created Steep Slope	Up to 10% Credited Steep Slope	Minimum Lot Size
6	17,428	1,260 SF	1,260 SF	17,428
9	16,256	772 SF	772 SF	16,256
10	16,063	1,065 SF	1,065 SF	16,063
11	16,112	254 SF	254 SF	16,112
36	16,014	700 SF	700 SF	16,014

**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 requirements of the Howard Soil Conservation District.  
 Signature of Engineer: *Randolph May*  
 Date: 11/24/93

**DEVELOPER'S CERTIFICATE**  
 I hereby certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction project will have a Certificate of Attendance of 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 and their authorized agents, as are deemed necessary.  
 Signature of Developer: *[Signature]*  
 Date: 11/24/93

APPROVED: Department of Public Works for Public Water and Public Sewerage, Storm Drainage Systems and Public Roads.  
 Signature: *[Signature]* 4/21/94  
 Director, Public Works  
 Date: 4/21/94

Reviewed for Howard County Soil Conservation District and meets technical requirements.  
 U.S. Soil Conservation Service  
 Signature: *[Signature]* 4/20/94  
 Chief, Bureau of Engineering  
 Date: 4/20/94

APPROVED: Department of Planning and Zoning  
 Signature: *[Signature]* 5/6/94  
 Planning Director  
 Date: 5/6/94

**Revisions**

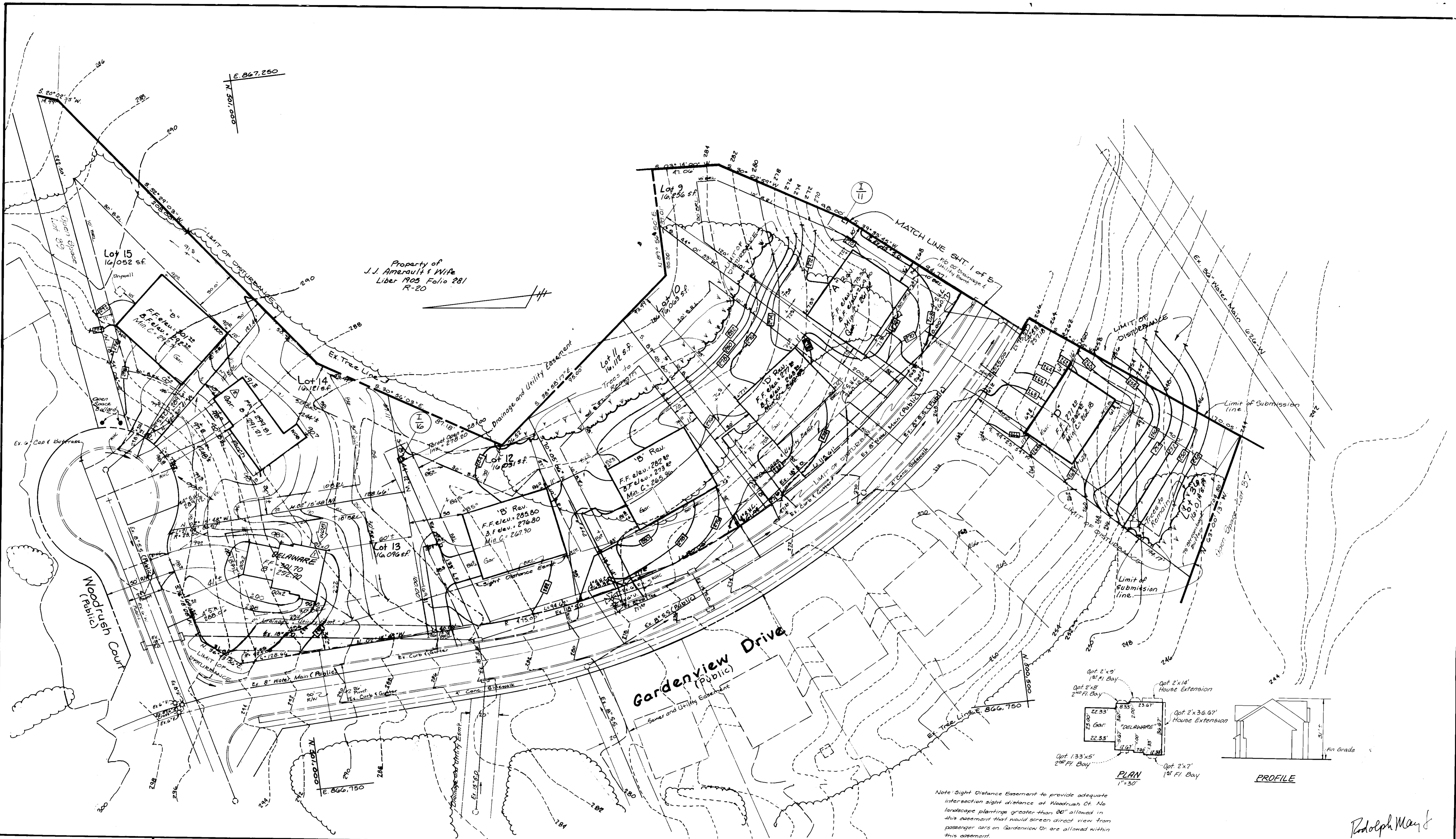
No.	Date	Description
1	1/24/95	Revise house types to show options, etc.
2	7/7/95	Delaware House Model

**Land Design Engineering, Inc.**  
 8835 Columbia 100 Parkway Unit N Columbia, Md. 21045  
 (410) 715-1070 (301) 976-3424 (410) 715-0681 (Fax)

Designed EFB  
 Drawn MM  
 Checked RM  
 Date 11/93

**Site Development Plan**  
 - for -  
**Marshalee Woods Section 1**  
 S.F.D. Lots 1-15, 36  
 Tax Map 37 Parcel 595  
 1st Election District  
 Howard County, Md  
 Previous Submissions: F 93-36, F-94-101  
 Owner/Developer  
 Altieri Enterprises, Inc.  
 7349 Gardenview Drive  
 Baltimore, Md. 21227

Scale 1" = 30'  
 Drawing 1 of 5  
 Job No. 93-123  
 File No.



Note: Sight Distance Easement to provide adequate intersection sight distance at Woodrush Ct. No landscape plantings greater than 20' allowed in this easement that would screen direct view from passenger cars on Gardenview Dr. are allowed within this easement.

*Rodolph May Jr*

**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 requirements of the Howard Soil Conservation District.  
*Rodolph May*  
 Signature of Engineer  
 11-24-93  
 Date

**DEVELOPER'S CERTIFICATE**  
 I We certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction project will have a Certificate of Attendance 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 of Developer  
 11/22/93  
 Date

Reviewed for Howard County Soil Conservation District and meets technical requirements.  
~~US Soil Conservation Service Date~~  
 This development is approved for Erosion and Sediment Control by the Howard Soil Conservation District.  
 APPROVED:  
~~[Signature]~~  
 Health Officer  
 Date

APPROVED: Department of Public Works for Public Water and Public Sewerage, Storm Drainage Systems and Public Roads.  
*[Signature]* 4/21/94  
 Date  
 Director, Public Works  
*[Signature]* 4/20/94  
 Date  
 Chief, Bureau of Engineering  
 APPROVED: Howard County Health Department for Public Water and Public Sewerage Systems.  
*[Signature]* 5/6/94  
 Date  
 Chief, Division of Land Development and Research.

APPROVED: Department of Planning and Zoning.  
*[Signature]* 5/6/94  
 Date  
 Planning Director  
*[Signature]* 5/6/94  
 Date  
 Chief, Division of Land Development and Research.

Revisions	
No.	Date
1	2/28/93
2	12/11/90

Description	Lot 13 Delaware Model Revision
Description	Lot 14 House Revision

Subdivision Name:	Marshalee Woods						
Section/Area	Parcel/No						
Plot No	Block No	Zone	Tax I	Zone	El. Dist	Census Tract	GA/101
11495	11200	5	R-20	37	13		
Water Code:	D 04	Sewer Code:	2153000				

**Land Design Engineering, Inc.**  
 8835 Columbia 100 Parkway Unit N Columbia, Md 21045  
 (410) 715-1070 (301) 596-3424 (410) 715-0681 (Fax)

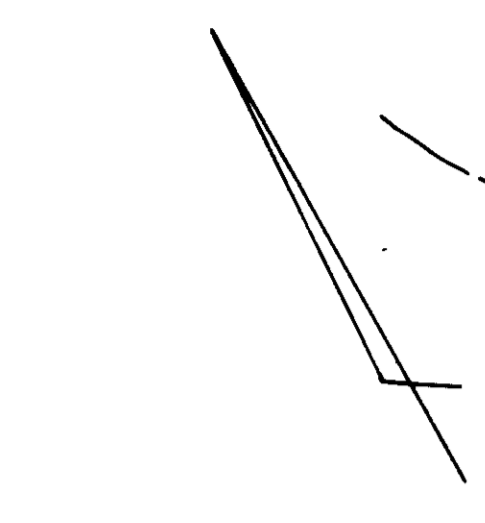
**Site Development Plan**  
 - for -  
**Marshalee Woods Section 1**  
 S.F.D. Lots 1-15, 36  
 Parcel 593  
 Tax Map 37  
 13<sup>th</sup> Election District  
 Howard County, Md.  
 Previous Submittals: F 93-36, F-94-101

Owner/Developer  
 Altieri Enterprises, Inc.  
 7349 Gardenview Drive  
 Baltimore, Md. 21227

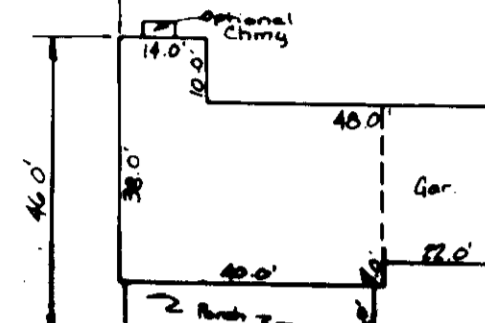
Scale  
 1" = 30'  
 Drawing  
 2 of 5  
 Job No.  
 93-123  
 File No.

48' x 56' A Fits Rhode Island II Elevation Vermont Villa Nova II Gar	48' x 62' B Fits Rhode Island II Elevation Vermont New Hampshire II Gar Villa Nova II Harvard	41' x 56' D Fits Villa Nova II Gar Vermont	52' x 71' C Fits All
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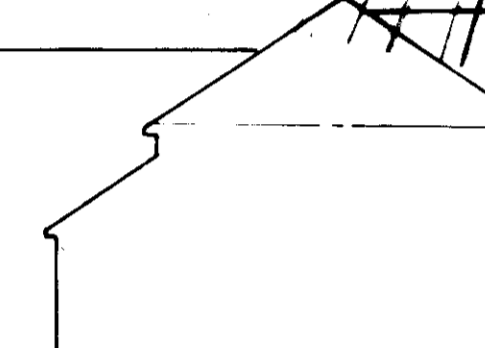
**Generic Footprints**



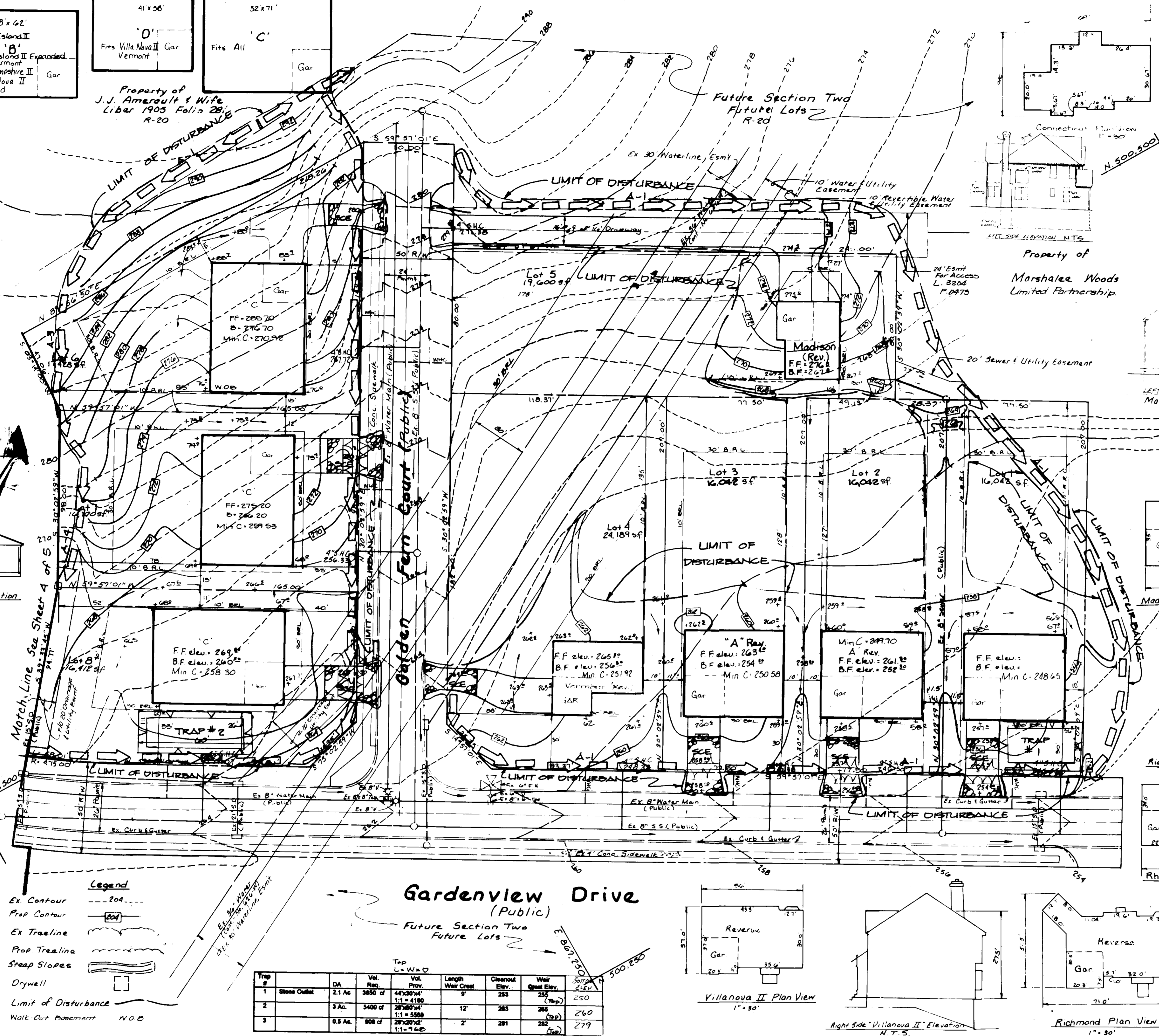
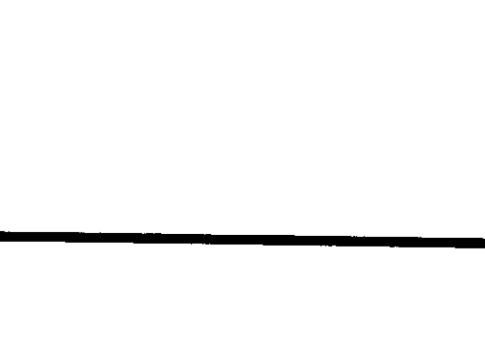
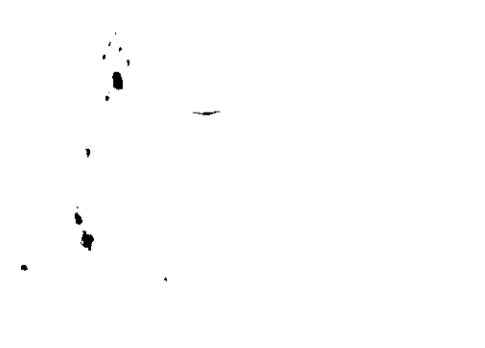
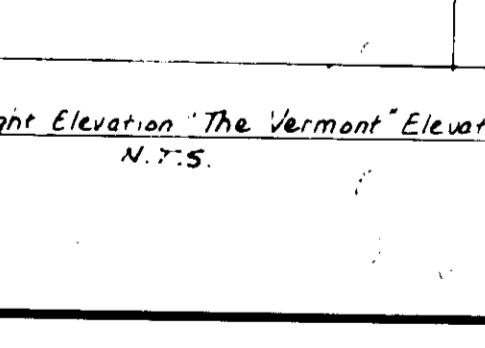
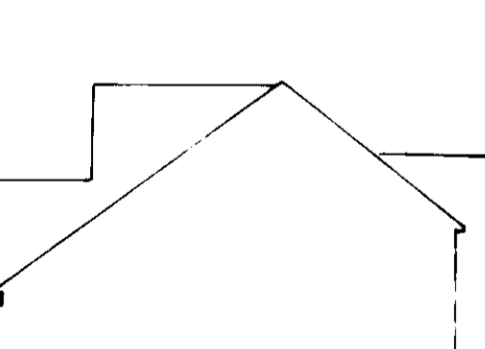
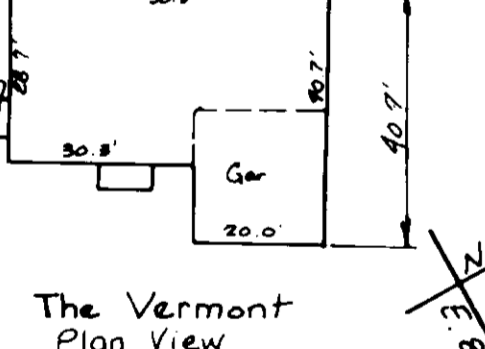
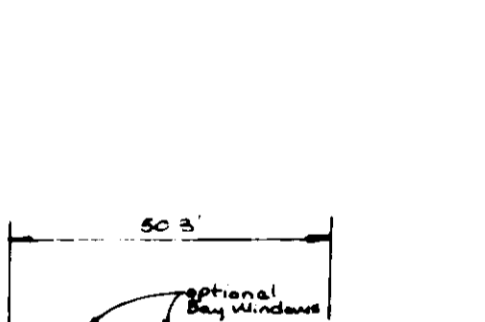
**House Types**



**Left Side 'New Hampshire II' Elevation N.T.S.**



**Right Elevation 'The Vermont' Elevation N.T.S.**

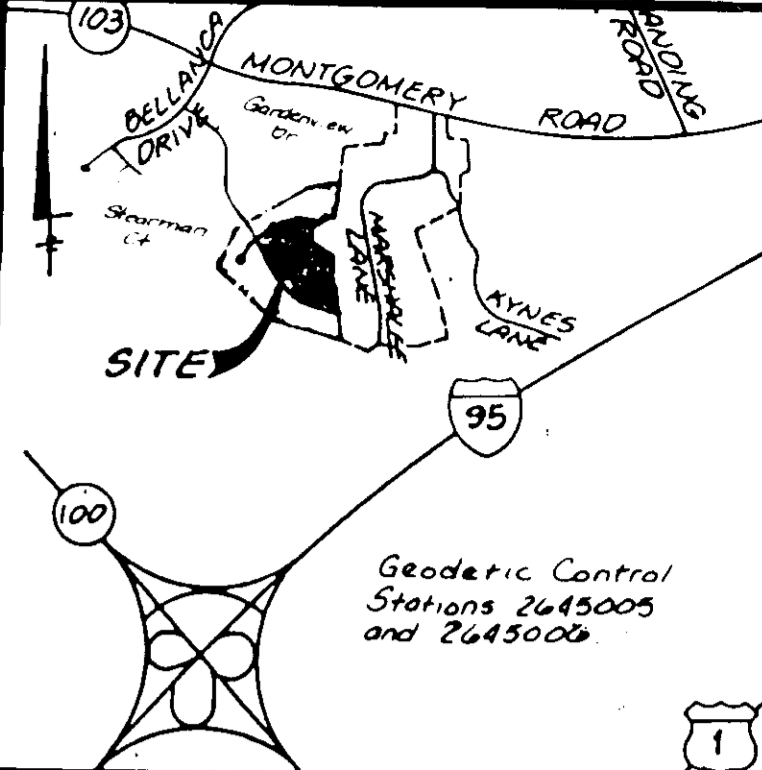


**Sheet Index**

- 1-2 Site Development Plan
- 3, 4 Sediment Control Plan
- 5 Construction Details

**Address Chart**

Lot #	Street Address	Lot #	Street Address
1	7403 Gardenview Dr	9	7377 Gardenview Dr
2	7399	10	7373
3	7395	11	7369
4	7391 Gardenview Dr	12	7365 Gardenview Dr
5	7387 Golden Fern Ct	13	7361 Woodrush Ct
6	7383	14	7357
7	7379	15	7353 Woodrush Ct
8	7375 Golden Fern Ct	16	7349 Gardenview Dr



**NOTES**

- Site Analysis:
  - Total area of parcel: 6.214 Ac. ±, or 270,669 SF.
  - Present zoning of property: R-20 (Residential - single)
  - Proposed use of structures: Residential/Single family detached
  - Number of parking spaces required: 32, provided - 32
  - Building coverage of site: 22,768 SF or 8.40%
- Typical minimum building setbacks: per 1993 Zoning Regulations
  - Front: 30'
  - Rear: 30 feet
  - Side: 10 feet
  - Corner lot: 30 feet
  - Lot coverage: 30% maximum
- All work shown on these plans shall be done in accordance with Howard County Standards, Specifications and Details for Construction, Volume IV
- The Contractor shall notify the Department of Public Works, Bureau of Construction Inspection at (410) 316-1600 at least five (5) 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
- Any damage to existing public right-of-ways, existing paving, existing curb and gutter, existing utilities, etc. shall be corrected at the contractor's expense.
- The existing utilities shown herein are located from construction drawings of record F93-36 and W & S contract No. 14-3284-D. 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.
- Topography shown is taken from aerial survey March 16, 1989. Two foot contour intervals are shown.
- Horizontal and vertical datums are related to the Maryland State Plane Coordinate System as projected from Howard County Control Station Nos. 2645005 and 2645006 (NAD27). Boundary Survey by Land Design Engineering, Inc. 1988.
- Stormwater management study for this site was reviewed under F93-36.
- Previous submission F93-36, 14-3284, P90-28, approved 3/16/92.
- Bench mark control station 2645005 B1 291 929 - concrete monument 0.3' below surface.

**Legend**

- Ex. Contour
- Prop Contour
- Ex. Tree Line
- Prop Tree Line
- Steep Slopes
- Drywell
- Limit of Disturbance
- Water Out Basement

Trap	Flow	Vol. Ret.	Vol. Prov.	Length	Cleanout	Weir	Wear
1	Stone Outlet	2.1 Ac	3450 cf	44' x 20" W	11' = 4180	253	250
2		3 Ac	5400 cf	28' x 20" W	11' = 5880	283	260
3		0.5 Ac	908 cf	28' x 20" W	11' = 968	281	279

**ENGINEER'S CERTIFICATE**

I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on the personal knowledge of the site conditions and that it was prepared in accordance with requirements of the Howard Soil Conservation District.

*Edolph May Jr* 3/30/94  
Signature of Engineer Date

**DEVELOPER'S CERTIFICATE**

I hereby certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction project will have a Certificate of Attendance of 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 or their authorized agents, as are deemed necessary.

*[Signature]*  
Signature of Developer Date

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

*[Signature]* 4/21/94  
Director, Public Works Date

APPROVED: Howard County Health Department for Public Water and Public Sewerage Systems

*[Signature]*  
Health Officer Date

Reviewed for Howard County Soil Conservation District and meets technical requirements

*[Signature]* 4/15/94  
U.S. Soil Conservation Service Date

This development is approved for Erosion and Sediment Control by the Howard Soil Conservation District

APPROVED: *[Signature]* 4/15/94  
Howard Soil Conservation District Date

APPROVED: Department of Planning and Zoning

*[Signature]* 5/6/94  
Planning Director Date

*[Signature]* 5/16/94  
Chief, Division of Land Development and Research Date

**Revisions**

No.	Date	Description

Subdivision Name: Marshalee Woods  
Section/Area: Parcel (No.)  
Plot No: 11145-11200 Block No: 5 Zone: R-20 Tax/Zone: 37 El Dist: 12' Census Tract: 601101  
Water Code: D 04 Sewer Code: 2153000

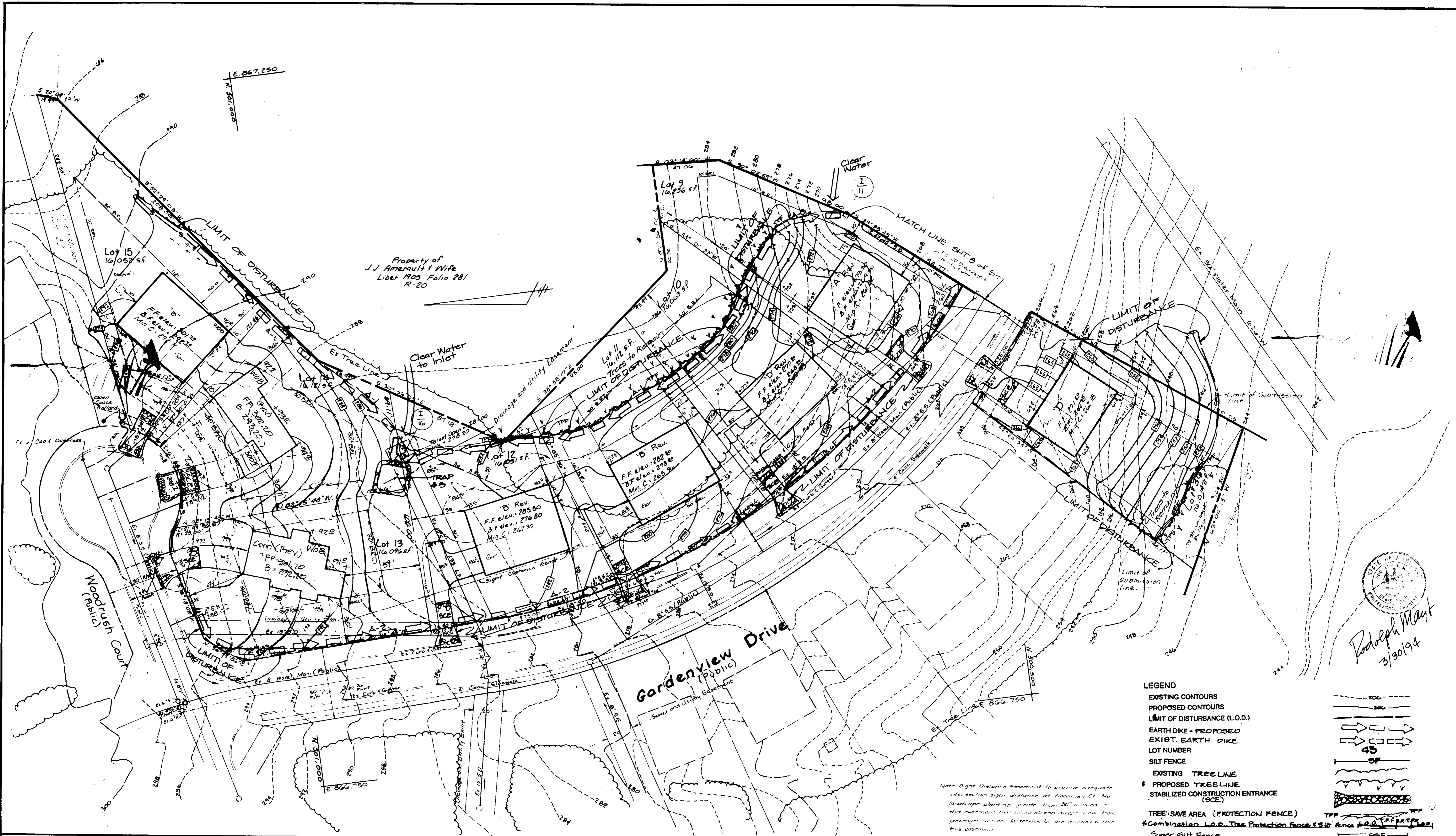
**Land Design Engineering, Inc.**  
8835 Columbia 100 Parkway Unit N Columbia, Md 21045  
(410) 715-1070 (301) 596-3424 (410) 715-0681 (Fax)

Designed EFB  
Drawn MM  
Checked RM  
Date 11/95

**Sediment & Erosion Control Plan - For -**

**Marshalee Woods Section 1**  
SFD Lots 1-15, 36  
Tax Map 37 Parcel 593  
14 Election District  
Howard County, Md  
Previous Submittals: F-12-36, F-94-101  
Owner/Developer: Altieri Enterprises Inc. 7349 Gardenview Drive Baltimore, Md 21227

Scale: 1" = 30'  
Drawing 3 of 5  
Job No 93-123  
File No



Property of  
J.J. Amerault & Wife  
Liber 1905, Folio 281  
R-20

*Rodolph Mayt*  
3/30/94

**LEGEND**

EXISTING CONTOURS	
PROPOSED CONTOURS	
LIMIT OF DISTURBANCE (L.O.D.)	
EARTH DIKE - PROPOSED	
EXIST. EARTH DIKE	
LOT NUMBER	
SILT FENCE	
EXISTING TREE LINE	
PROPOSED TREE LINE	
STABILIZED CONSTRUCTION ENTRANCE (SCE)	
TREE-SAVE AREA (PROTECTION FENCE)	
*Combination L.O.D., Tree Protection Fence, Silty Fence, SCE, Super Silty Fence	

Note: Sight Distance Easement to provide adequate intersection sight distance at Woodrush Ct. No landscape planting greater than 20' allowed in this easement that would screen sight view from passerby. Signs or structures are prohibited in this easement.

**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 requirements of the Howard Soil Conservation District.

*Rodolph Mayt*  
3/30/94  
Signature of Engineer Date

**DEVELOPER'S CERTIFICATE**  
I/we certify that all development and/or construction will be done according to these plans, 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 or their authorized agents, as are deemed necessary.

*[Signature]*  
Signature of Developer Date

Reviewed for Howard County Soil Conservation District and meets technical requirements

*Patricia Engles*  
4/2/94  
U.S. Soil Conservation Service Date

This development is approved for Erosion and Sediment Control by the Howard Soil Conservation District.

*[Signature]*  
Howard Soil Conservation District Date

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

*James J. Law*  
4/2/94  
Director, Public Works Date

*Robert J. [Signature]*  
4/2/94  
Chief, Bureau of Engineering Date

APPROVED: Howard County Health Department for Public Water and Public Sewerage Systems

*[Signature]*  
Health Officer Date

APPROVED: Department of Planning and Zoning

*Ann Skelton*  
5/6/94  
Planning Director Date

*Chris J. [Signature]*  
5/6/94  
Chief, Division of Land Development and Research Date

Revisions		
No.	Date	Description

Subdivision Name Marshalee Woods	Section/Area	Parcel/No.
Plot No. 11195-11200	Block No. 5	Zone R-20
Water Code D 04	Tax I/Zone/EI Dist. 97 15 <sup>th</sup>	Census Tract 6011.01
Sewer Code 2153000		

**Land Design Engineering, Inc.**  
8835 Columbia 100 Parkway Unit N Columbia, Md. 21045  
(410) 715-1070 (301) 596-3424 (410) 715-0681 (Fax)

Designed EFB  
Drawn MM  
Checked RM  
Date 11/93

**Bediment & Erosion Control Plan**  
- for -  
**Marshalee Woods Section 1**  
S.F.D. Lots 1-15, 36  
Tax Map 37 Parcel 593  
Howard County, Md.  
Previous Submittals: F-93-36, F-94-101

Owner/Developer  
Alteri Enterprises, Inc.  
7349 Gardenview Drive  
Baltimore, Md. 21227

Scale 1" = 30'  
Drawing 4 of 5  
Job No. 93-123  
File No.

**Sequence of Construction**

1. Obtain grading permit - 2 days
  2. Install T.P.F. (tree protection fence) - 1 week
  3. Install Perimeter Earth Dike to contain clear water and direct it to yard inlets (1-11 and 1-16) - 1 week
  4. Install balance of perimeter controls as required for model house construction - 1 week
  5. Construct houses. Stabilize disturbed ground per seeding specification. Use single lot detail as appropriate. Otherwise, construct Traps and 2-11K
  6. Remove sediment control devices when authorized by sediment control inspector - 1 week
- \* DELAY CONSTRUCTION ON LOTS 1 & 8 UNTIL ALL CONTRIBUTING AREAS TO TRAPS ARE PERMANENTLY STABILIZED & PERMISSION IS GRANTED FROM SEDIMENT CONTROL INSPECTOR.

**THE FOLLOWING STANDARD SIGN DESIGN SPECIFICATIONS SHALL APPLY:**

1. The sign size shall be 12" x 18".
2. The sign material shall be .080 gauge thickness anodized aluminum.
3. The sign shall have a green background with 3" high white reflective numbers and arrow with a white reflective border.
4. Where a private road name is in use or part of a private Homeowner's Articles of Incorporation agreement the sign size will be enlarged to accommodate the necessary lettering but remain proportional to the above design limits.
5. The sign will be installed within the common easement area as noted on the final plat.
6. House number identification signs are to be provided under the tenets of the Homeowner's Association Incorporation for installation and maintenance in accordance with the Department of Public Works, Division of Inspections and Enforcement at the time of final approval for issuance of the Use and Occupancy permits.
7. Compliance regarding the installation of the new house number identification signs will be enforced by the Department of Public Works, Division of Inspections and Enforcement at the time of final approval for issuance of the Use and Occupancy permits.

**HOWARD SOIL CONSERVATION DISTRICT  
PERMANENT SUSTAINING LISTS**

Apply to gravel or cleared areas not subject to immediate further disturbance where a permanent long-term vegetative cover is needed.

**Soil 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 soil amendments:  
 1) **Preferred:** Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq. ft.) and 60 lbs per acre 18-10-10 fertilizer (18 lbs/1000 sq. ft.) before seeding. Turnover of disk into upper three inches of soil, as soon as possible, apply 400 lbs per acre 38-0-0 ureaform fertilizer (19 lbs/1000 sq. ft.).  
 2) **Alternative:** Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq. ft.) and 1000 lbs per acre 18-10-10 fertilizer (23 lbs/1000 sq. ft.) before seeding. Turnover of 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 (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 vernalis leucaena. During the period of October 16 thru February 29, produce site by: Oatley vernalis leucaena. During the period of March 1 thru April 30, produce site by: Oatley vernalis leucaena. During the period of May 1 thru July 31, produce site by: Oatley vernalis leucaena. During the period of August 1 thru October 15, produce site by: Oatley vernalis leucaena.

**Mulching:** Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of untreated wood grain straw immediately after seeding. Mulch immediately after application using a mulch spreading tool or 210 gallons per acre (5 gal/1000 sq. ft.) of conditioned compost on flat areas. On slopes 8 feet or higher, use 300 gallons per acre (3 gal/1000 sq. ft.) for mulching.

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

**TEMPORARY SUSTAINING LISTS**

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

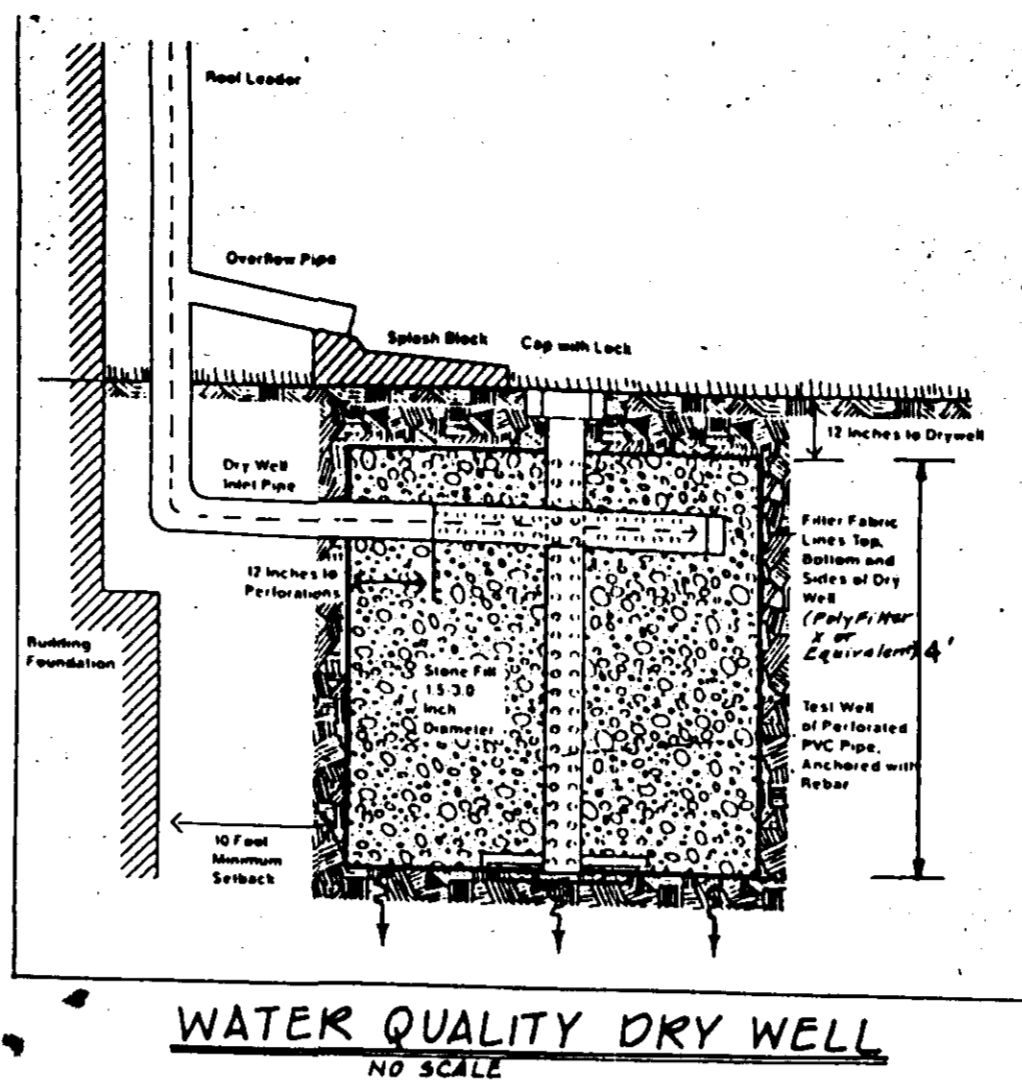
**Soil Preparation:** Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

**Soil Amendments:** Apply 600 lbs per acre 18-10-10 fertilizer (14 lbs/1000 sq. ft.).

**Seeding:** For the periods March 1 thru April 30 and August 1 thru October 15, seed with 7-1/2 lbs per acre of vernalis leucaena (1.7 lbs/1000 sq. ft.). For the period May 1 thru July 31, seed with 3 lbs per acre of vernalis leucaena (.07 lbs/1000 sq. ft.). For the period November 16 thru February 29, produce site by applying 2 tons per acre of well aged 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 wood grain straw immediately after seeding. Mulch immediately after application using a mulch spreading tool or 210 gallons per acre (5 gal/1000 sq. ft.) of conditioned compost on flat areas. On slopes 8 feet or higher, use 300 gallons per acre (3 gal/1000 sq. ft.) for mulching.

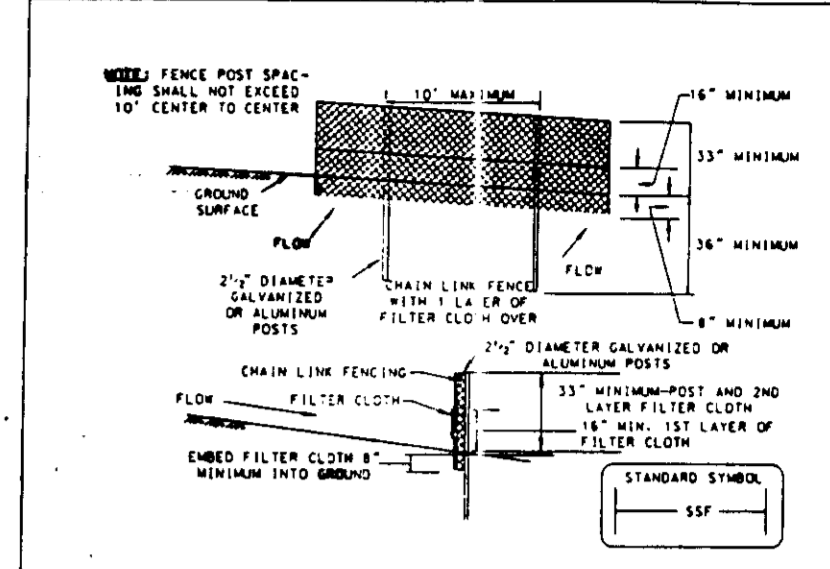
Refer to the 1993 HOWARD COUNTY EROSION AND SEDIMENT CONTROL SPECIFICATIONS FOR SOIL PROTECTION AND STABILIZATION FOR ADDITIONAL RULES AND REGULATIONS.



**Drywell Dimensions**

Lots 15, 36  
 7'x7'x4' deep for all downspouts to a single drywell.  
 3'x5'x4' for each downspout if multiple drywells are used.

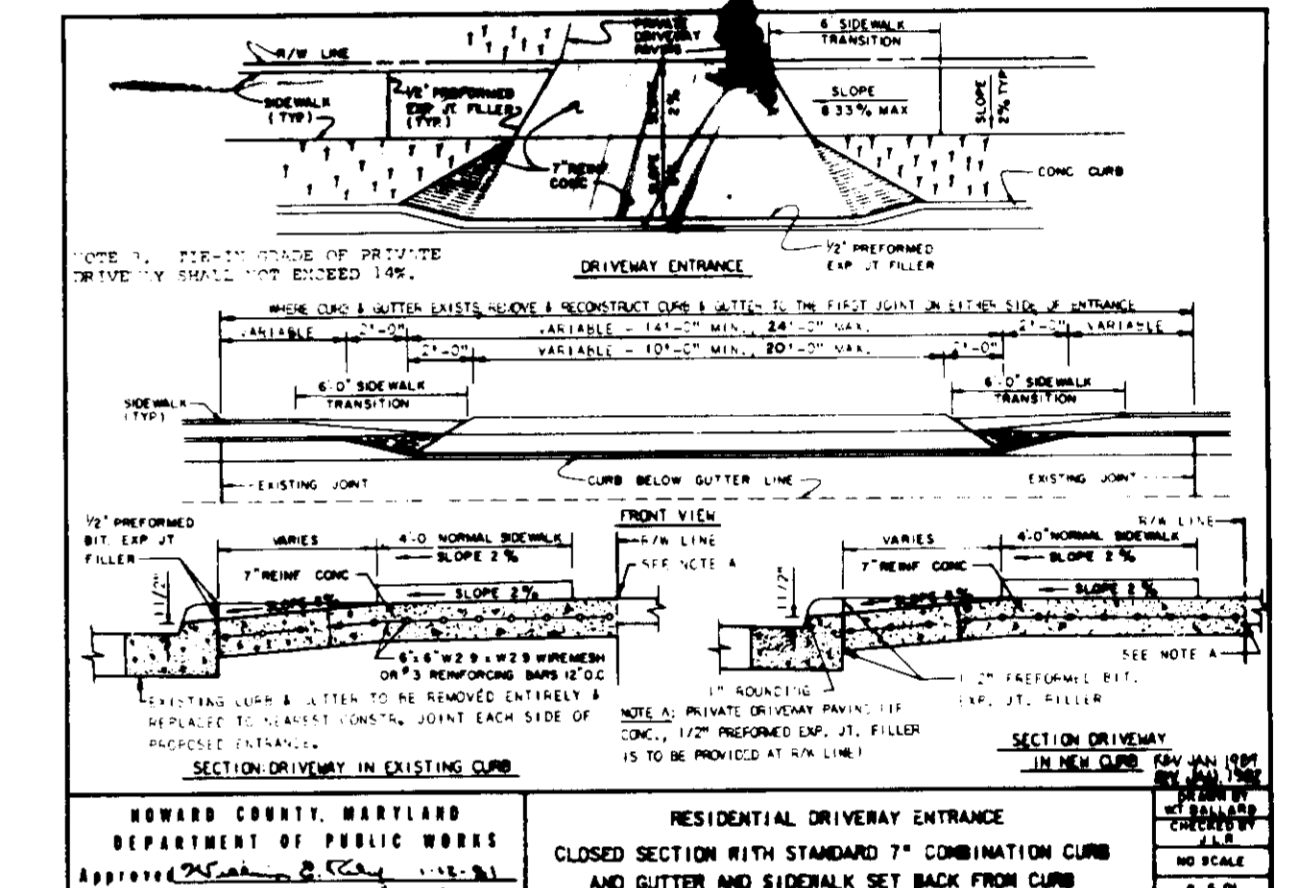
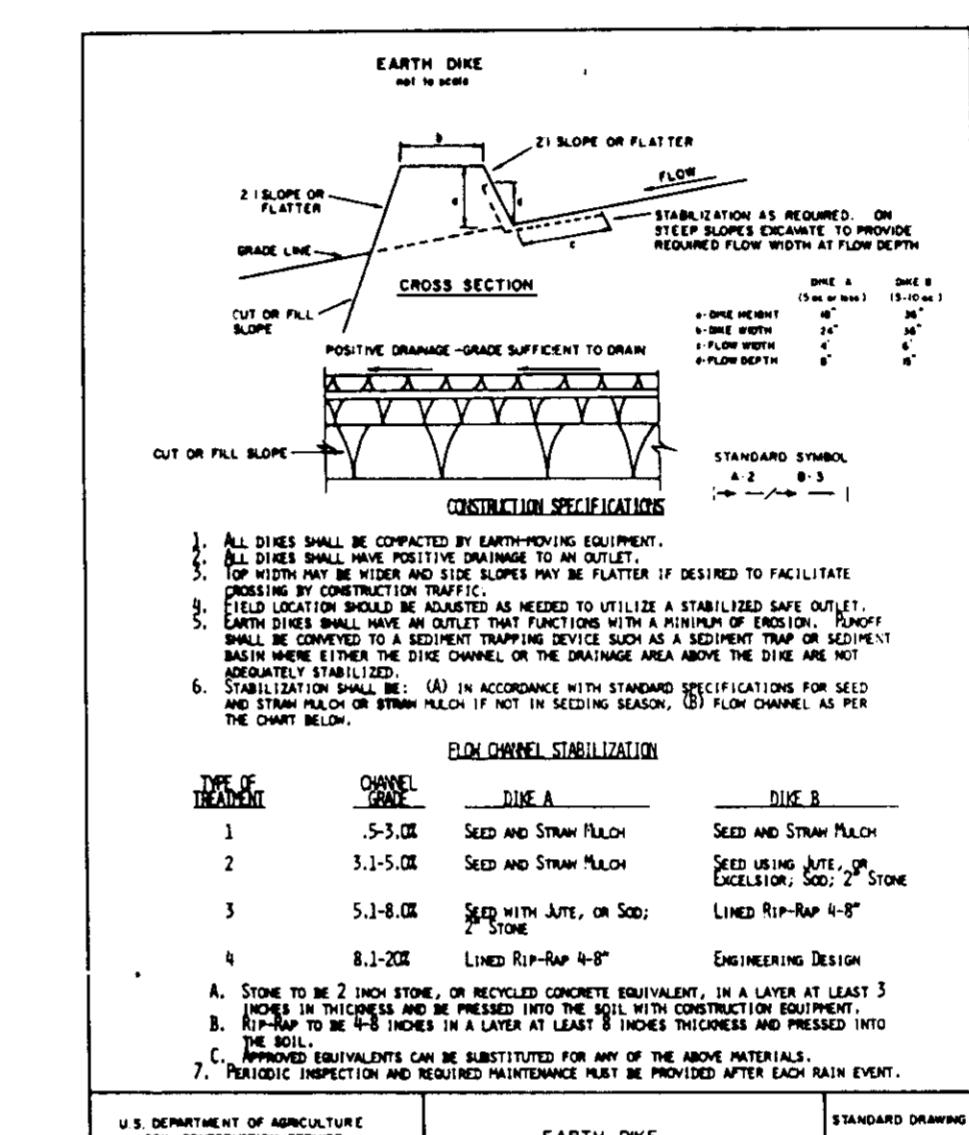
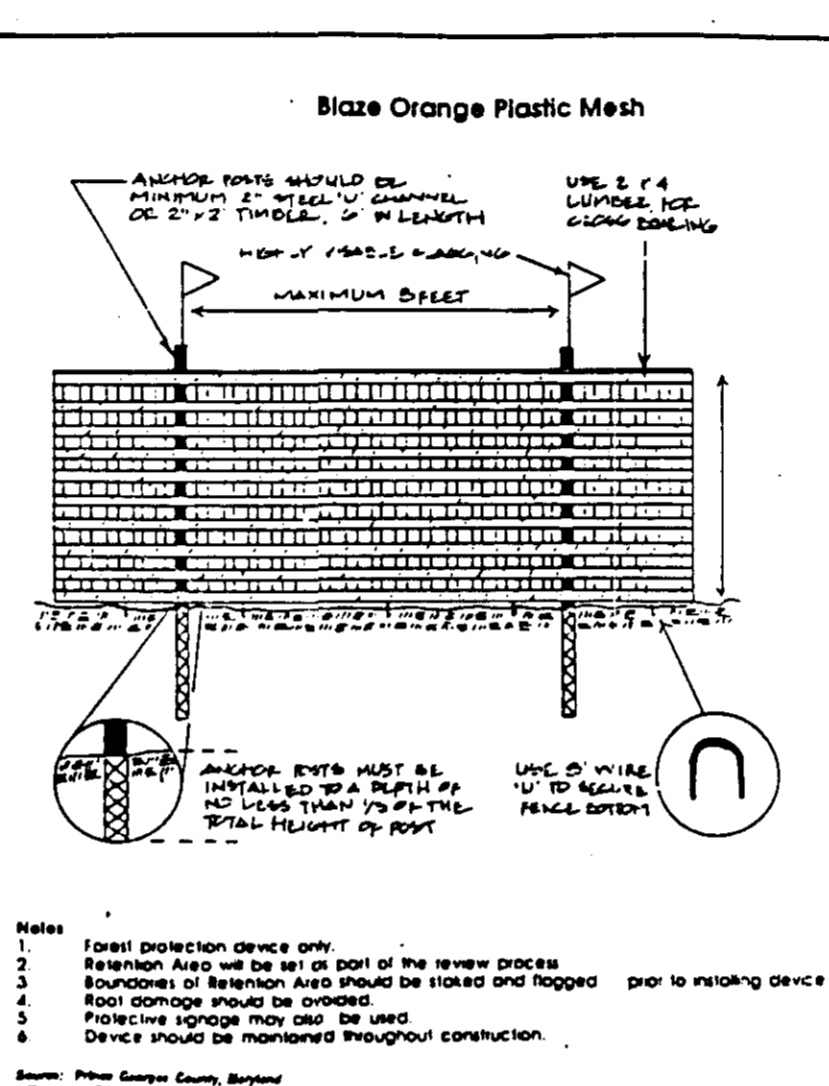
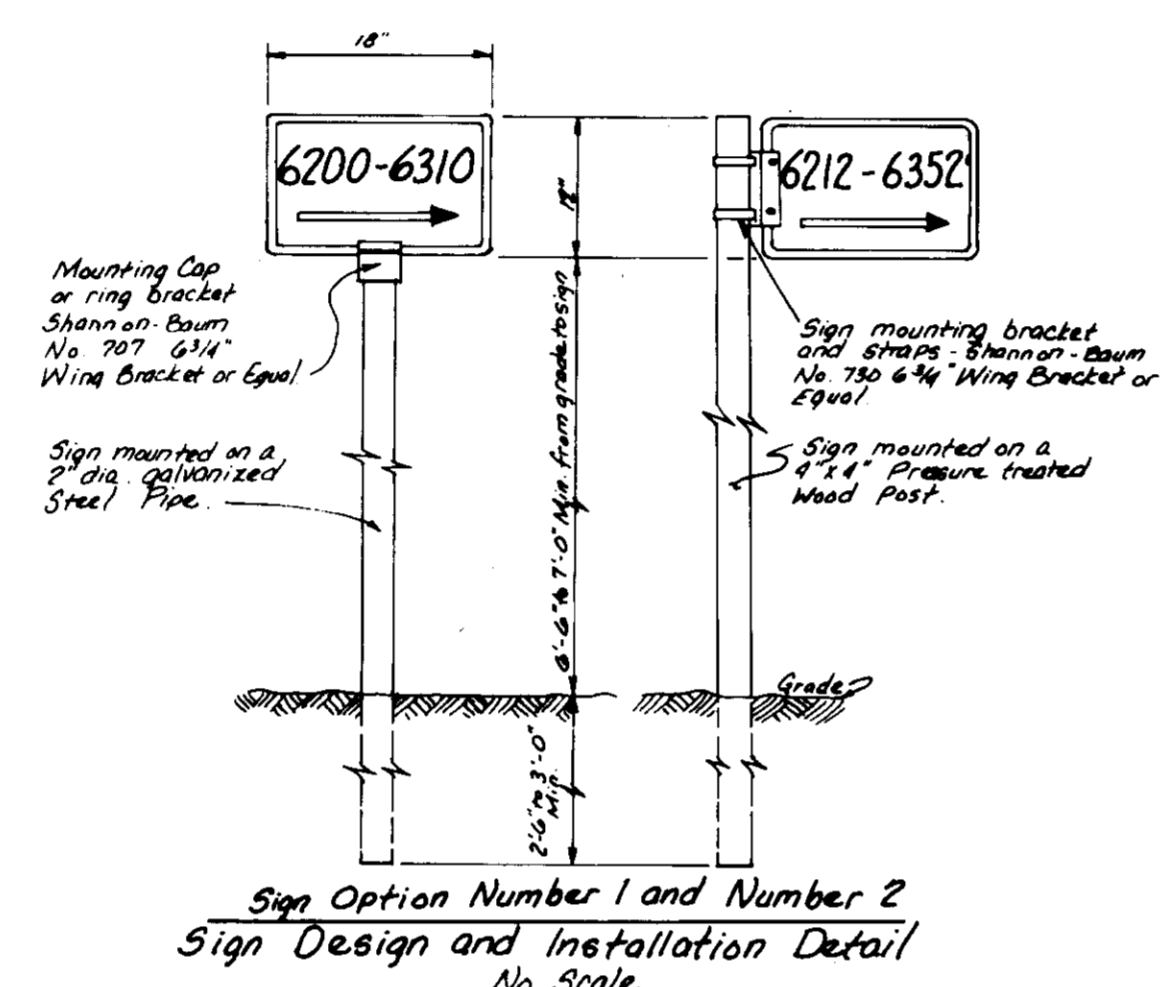
**DETAIL 33 - SUPER SILT FENCE**



**CONSTRUCTION SPECIFICATIONS**

Fencing shall be 42 inches in height and constructed in accordance with the latest Maryland State Highway Design for Chain Line Fencing. The amount of fabric for a 42 inch fence shall be used substituting 42 inch fabric and 8 foot length boards.

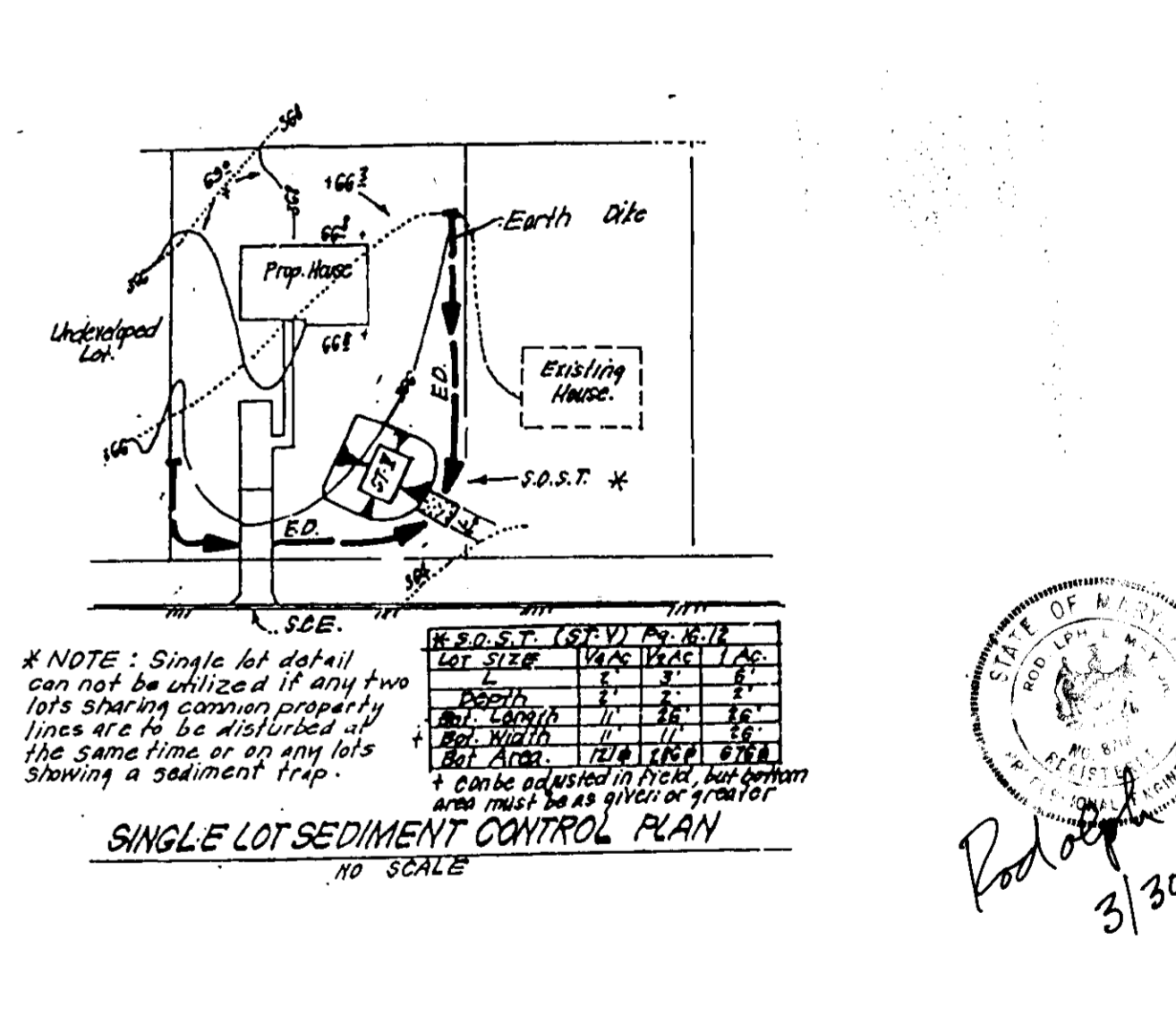
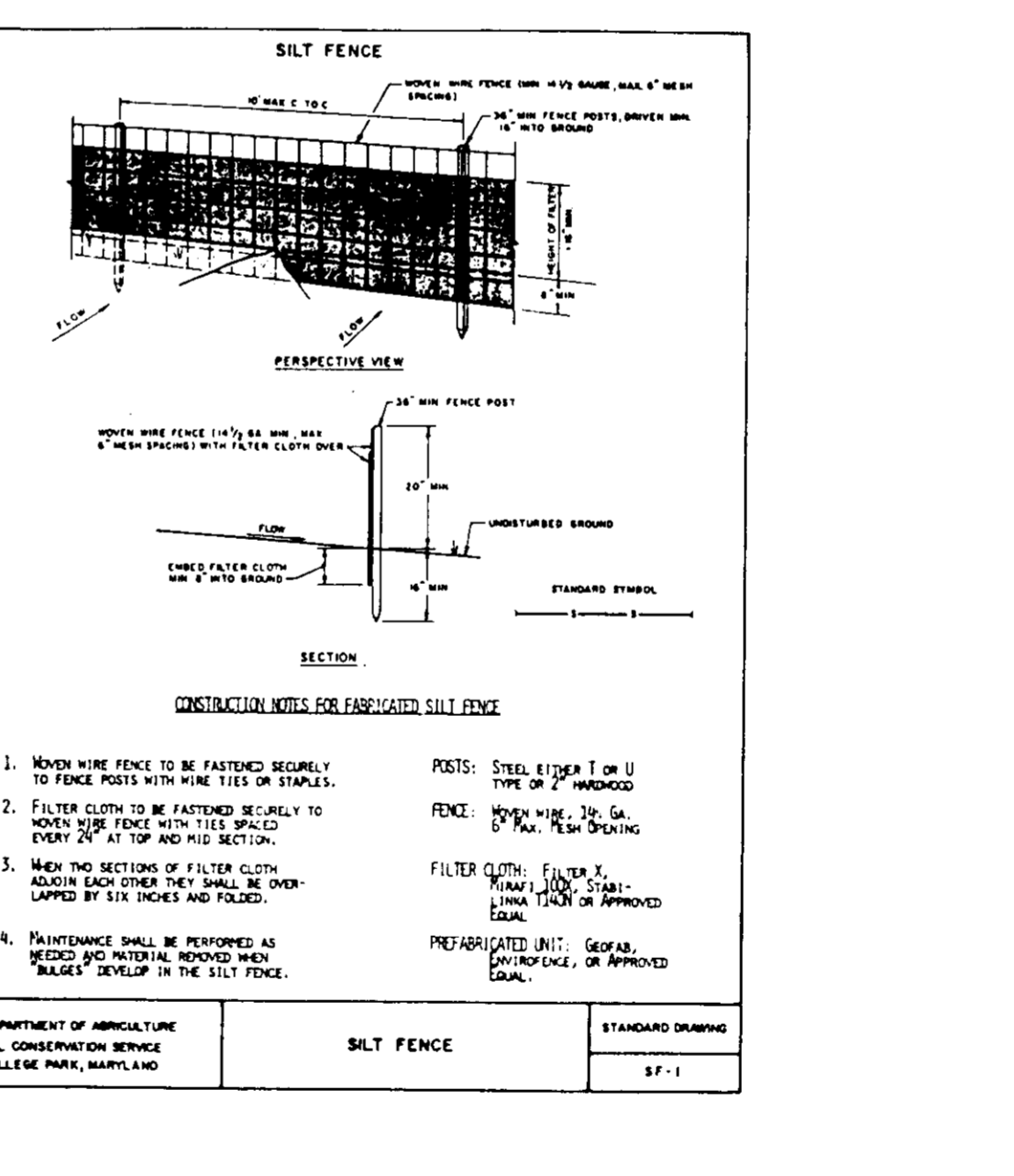
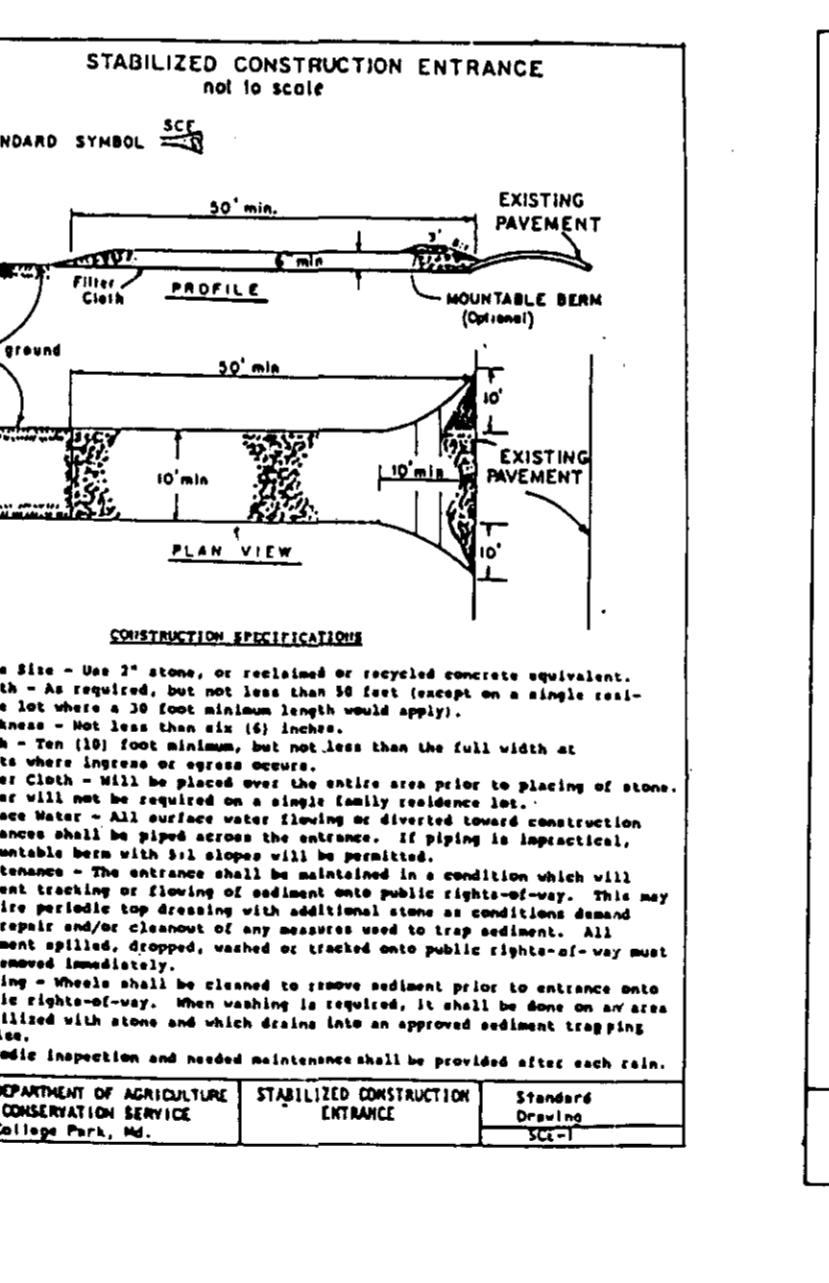
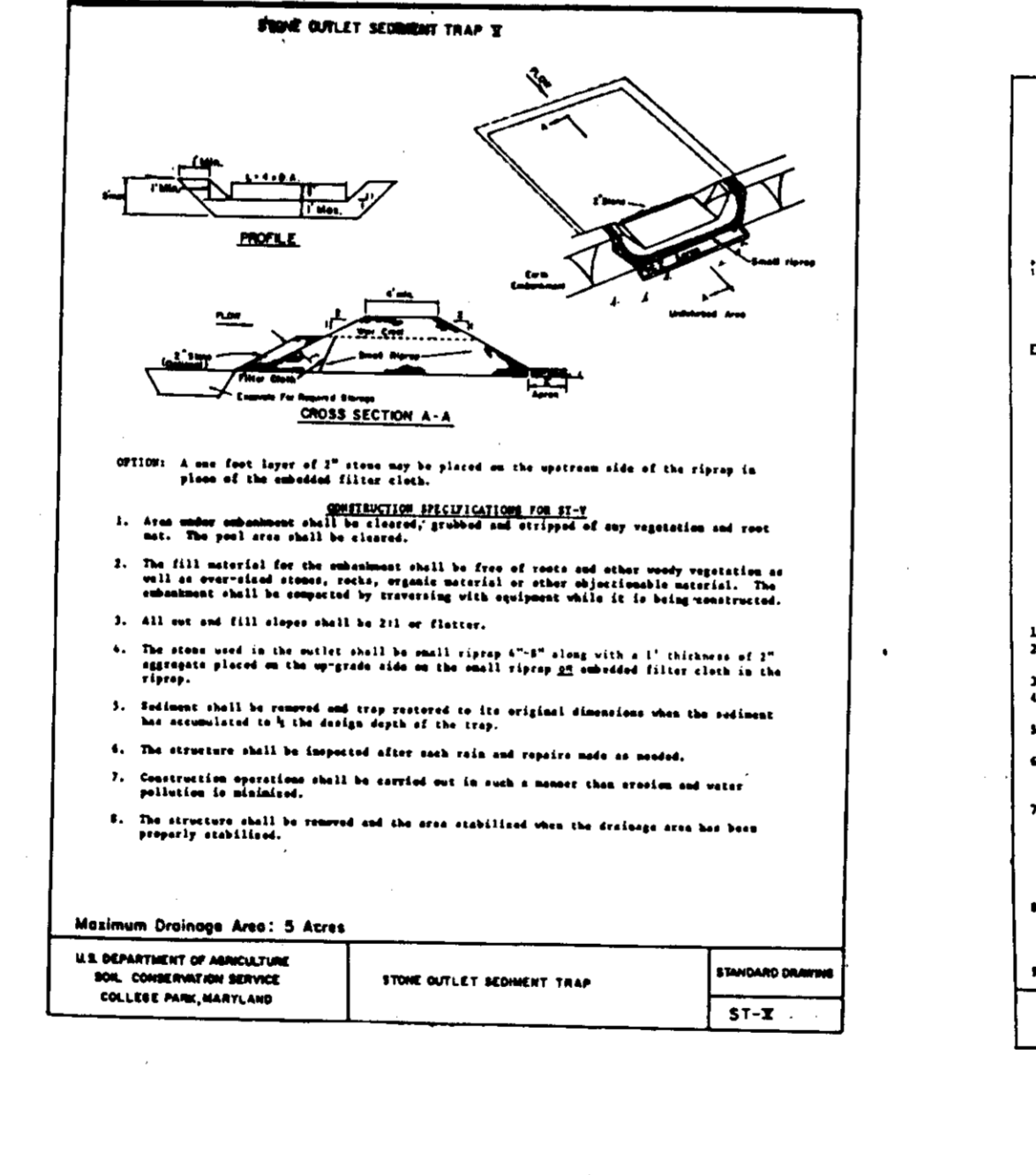
1. The poles do not need to be in operation.
2. Chain line fence shall be fastened securely to the fence posts with wire ties or at least 2\"/>
- 3. Filter cloth shall be fastened a minimum of 2\"/>
- 4. Filter cloth shall be secured a minimum of 6\"/>
- 5. When the sections of filter cloth meet each other, they shall be overlapped by 6\"/>
- 6. Maintenance shall be performed at least once a week and after rain events. Removal when "buried" shall be done on the site.



- HOWARD SOIL CONSERVATION DISTRICT  
HOWARD SEDIMENT CONTROL DISTRICT**
1. A minimum of 40 hours of low water flow shall be provided to the Howard County Department of Inspections, Licensing and Permits, Sediment Control Division 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 compliance with the most current "NATURAL STREAMS AND STREAMS FOR RILL PROTECTION AND SEDIMENT CONTROL" and revisions thereto.
  3. Following initial soil disturbance or earthmoving, permanent or temporary stabilization shall be completed within 48 hours of the start of the disturbance. Stabilization practices shall include, but not be limited to, mulching, seeding, and other methods approved by the sediment control inspector. Temporary stabilization shall be in place until permanent stabilization is complete.
  4. All sediment traps shall be installed in accordance with the provisions of the Howard County Department of Inspections, Licensing and Permits, Sediment Control Division.
  5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1993 HOWARD COUNTY EROSION AND SEDIMENT CONTROL SPECIFICATIONS FOR SOIL PROTECTION AND STABILIZATION. The sediment control practices shall be installed in accordance with the provisions of the Howard County Department of Inspections, Licensing and Permits, Sediment Control Division.
  6. All sediment control structures are to remain in place until they are authorized to be removed by the Howard County Sediment Control Inspector.
  7. Site Analysis:  
 Total Area of Site: 1.5 Acres  
 Area Disturbed: 0.5 Acres  
 Area to be reseeded or planted: 0.5 Acres  
 Total Dist. Area: 1.0 Acres  
 Off-site water/collection 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 2 acres, approval of the inspection agency shall be required upon completion of installation of permanent erosion and sediment control practices, but before proceeding with any other earth disturbance or activities. Other utility or grading inspection approvals may not be required until this initial approval by the inspection agency is made.
  11. Traps 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.

**Maintenance**

1. Repair all damages caused by soil erosion and construction equipment at or before the end of each working day.



**DEVELOPER'S CERTIFICATE**

I hereby certify that all development and/or construction will be done according to these plans, 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 or their authorized agents, as are deemed necessary.

Signature of Developer: [Signature]  
 Date: 11/22/94

**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 requirements of the Howard Soil Conservation District.

Signature of Engineer: [Signature]  
 Date: 3/30/94

Reviewed for Howard County Soil Conservation District and meets technical requirements.

Signature: [Signature]  
 Date: [Date]

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

Signature: [Signature]  
 Date: 4/2/94

APPROVED: Department of Planning and Zoning.

Signature: [Signature]  
 Date: 5/6/94

Subdivision Name:	Marshall Woods	Section:	One	Plot No.:	10983
Plot No.:	11193-11800	Block:	110	Zone:	R-20
Water Code:	D 04	Sewer Code:	2153 000	Tax Map:	37
El. Dist.:	1st	Census Tract:	6011.01	Checked:	RM
Date:	11/93	Owner/Developer:	After Enterprises, Inc. 7349 Gardenvue Drive Baltimore, Md. 21287	Job No.:	93-123

**LAND DESIGN ENGINEERING, INC.**  
 8035 Columbia 100 Parkway Unit N. Columbia, Md. 21045  
 (410) 715-1070 (301) 596-3424 (410) 715-0681 (Fax)

Designed: E.F.B.  
 Drawn: M.L.M.  
 Checked: RM  
 Date: 11/93

Scale: As Shown  
 Drawing: 5 of 5  
 Job No. 93-123  
 File No.