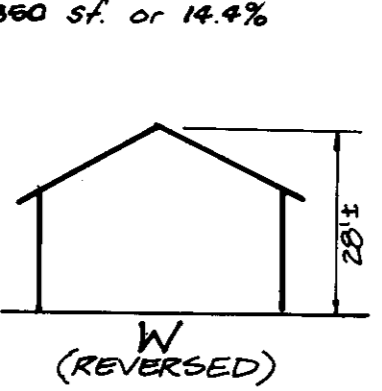


Lot #	Gross Area #	Proposed Area #	Remaining Area #	100 Yr Floodplain	25% Slopes	Up to 10% Gravit Slopes	Min. Lot Size S.F.
16	16,025 #	-	16,025 #	-	-	-	16,025 S.F.
17	16,025 #	-	16,025 #	-	-	-	16,025 S.F.
18	17,271 #	1186 #	16,085 #	-	-	-	16,186 S.F.
19	16,025 #	-	16,025 #	-	-	-	16,025 S.F.
20	16,019 #	-	16,019 #	-	1290 #	1290 #	16,088 S.F.
21	16,071 #	-	16,071 #	-	200 #	200 #	16,019 S.F.
22	16,051 #	-	16,051 #	-	650 #	650 #	16,071 S.F.

NOTES:

- Site Analysis:
 - A. Total Area of Parcel: 7.08 Ac. or 306,751 S.F.
 - B. Present Zoning of Property: R-20 (Residential-Single)
 - C. Proposed use of structures: Residential/Single Family Detached
 - D. Number of parking spaces required: 2/lot
 - E. Number of parking spaces provided: 2/lot
 - F. Building coverage of site: 44,360 sf. or 14.4%



2. Typical Minimum Building Setbacks:

- Front:
 - 1) Lots less than 18,000 S.F. 40 Feet
- Rear: 30 Feet
- Side: 10 Feet
 - 1) Corner Lot: 30 Feet

3. All work shown on these plans shall be done in accordance with Howard County Standards, Specifications and Details for Construction Volume IV.

4. The Contractor shall notify the Department of Public Works, Construction Inspection Division, at (410) 312-1200 of least five (5) days prior to the start of work.

5. The Contractor shall notify "Miss Utility" at 1-800-257-7777 at least forty-eight (48) hours prior to any excavation work.

6. Any damage to existing public right-of-ways, existing paving, existing curbs and gutters, existing utilities, etc. shall be corrected at the contractor's expense.

7. The existing utilities shown hereon are located from construction drawings of record F 98-26 and W 15 contract No. 14-3204-5. 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.

8. Topography shown is taken from aerial survey March 16, 1989, by William Assoc., Inc. Two foot contour intervals are shown.

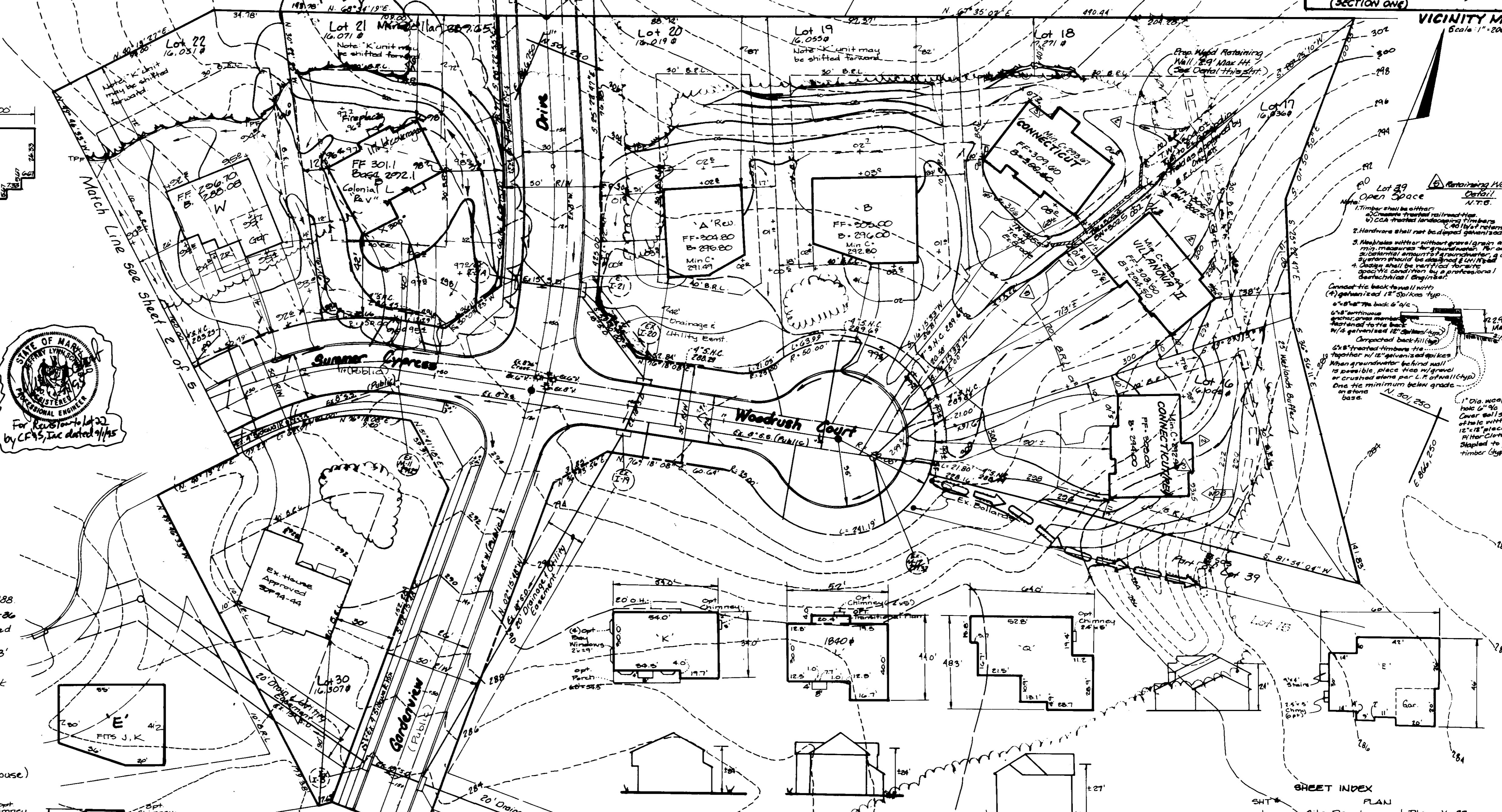
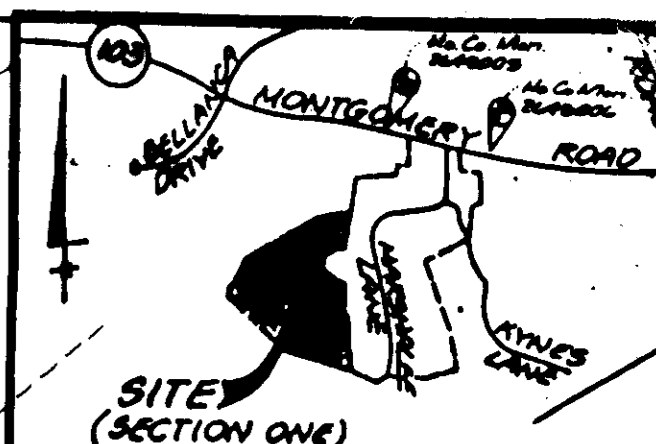
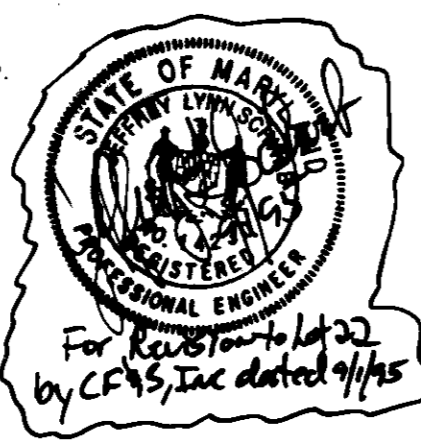
9. Horizontal and vertical datums are related to the Maryland State Plane Coordinate System as projected from Howard County Control Station Nos. 245003 and 245006 (NAD 83). Boundary Survey by LDE 1988.

10. Stormwater management study for this site was reviewed under F 98-26 and approved 8/27/92.

11. Previous submission F 94-101, 14-3284, Approved 3/27/93, P 90-28, approved 1/16/92.

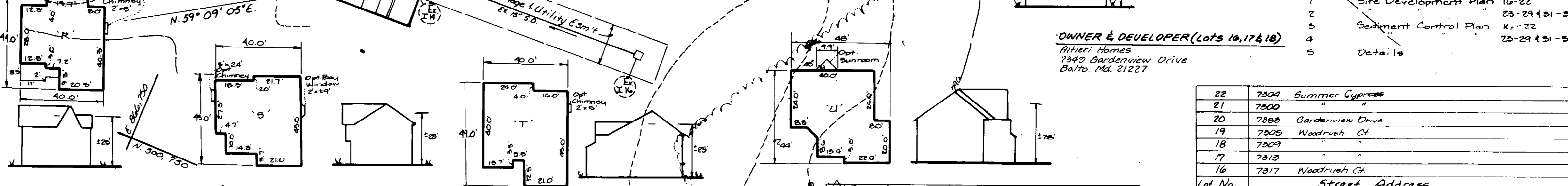
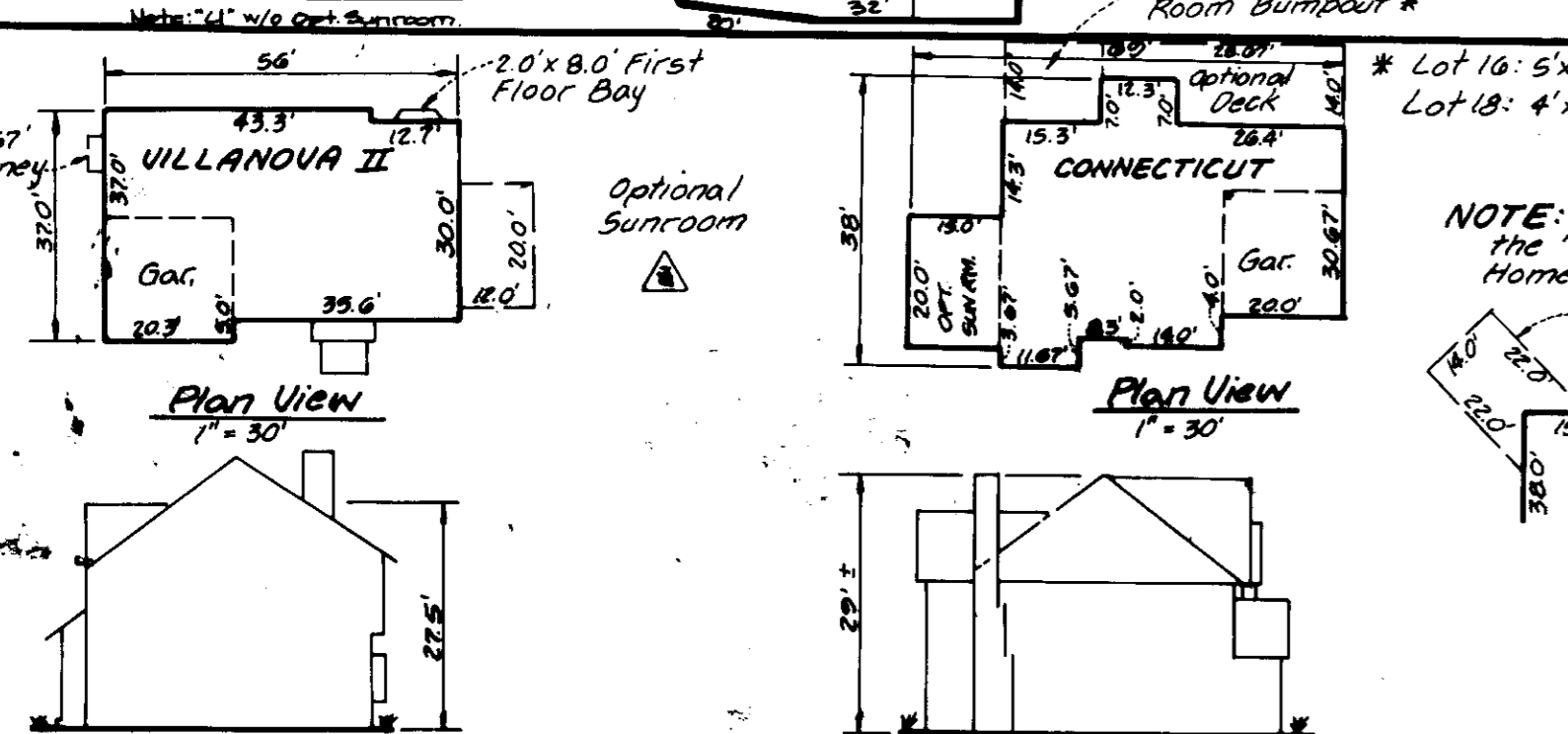
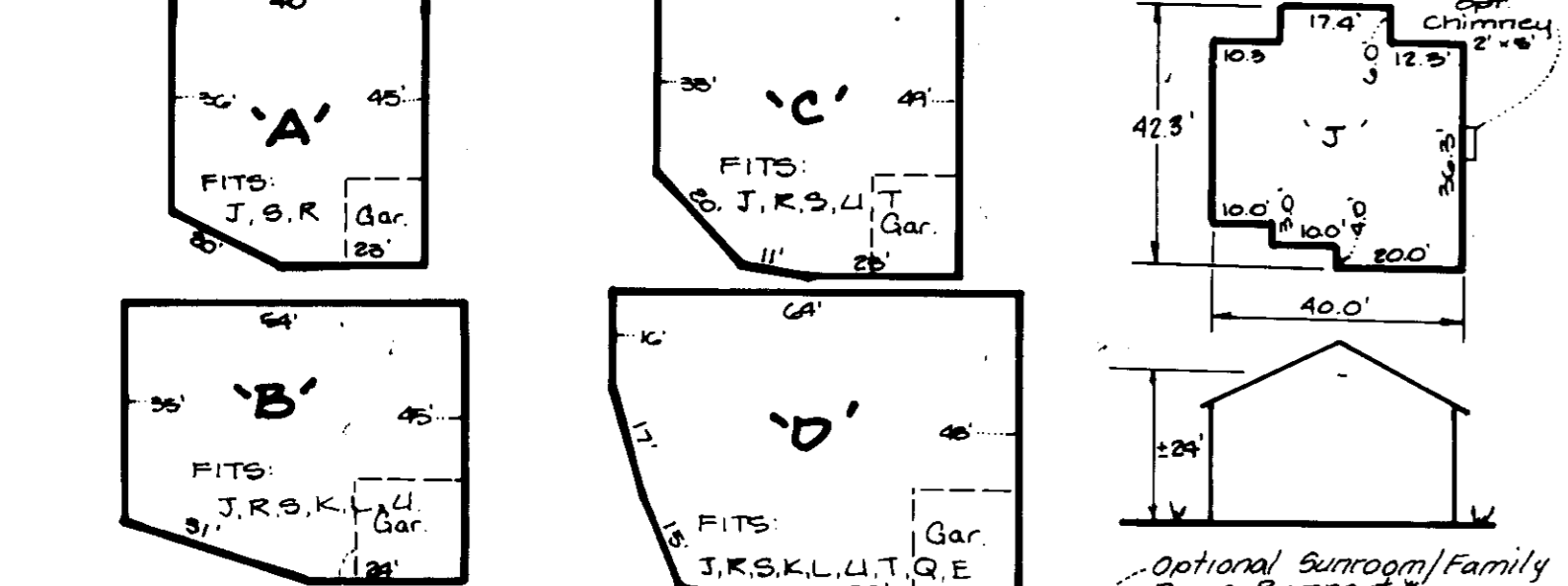
12. Bench Mark: Control station 245005 B1. 291.929 - conc. monument 03' below surface.

13. Clearing, grading and construction within Wetlands buffers or Streambank buffers is prohibited.



GENERIC FOOTPRINTS & HOUSE TYPES: (Rev. Flips the house)

Note: All units have 1" roof eave front & rear. All units have optional mud load garages.



OWNER & DEVELOPER (Lots 16, 17 & 18)
Athari Homes
7342 Gardenvue Drive
Baltimore, Md. 21227

Lot No.	Street Address
22	7804 Summer Cypress
21	7900
20	7888 Gardenvue Drive
19	7805 Woodrush Ct.
18	7809
17	7813
16	7817 Woodrush Ct.

APPROVED: Department of Public Works for Public Water and Public Sewerage, Storm Drainage Systems and Public Roads.
James J. Shuman 4/6/04
Director, Public Works

APPROVED: Department of Planning and Zoning.
James J. Shuman 5/6/04
Planning Director

APPROVED: Howard County Health Department for Public Water and Public Sewerage Systems.
Robert J. Seaman 4/20/04
Chief, Bureau of Engineering

APPROVED: Department of Planning and Zoning.
James J. Shuman 5/6/04
Planning Director

APPROVED: Howard County Health Department for Public Water and Public Sewerage Systems.
Robert J. Seaman 4/20/04
Chief, Bureau of Engineering

APPROVED: Department of Planning and Zoning.
James J. Shuman 5/6/04
Planning Director

APPROVED: Howard County Health Department for Public Water and Public Sewerage Systems.
Robert J. Seaman 4/20/04
Chief, Bureau of Engineering

APPROVED: Department of Planning and Zoning.
James J. Shuman 5/6/04
Planning Director



No.	Date	Description
1	6-6-94	House Type Revision
2	12-21-94	Revise house type on lots 16, 17, & 18 using Athari Homes model types
3	1-19-95	Add Family Room bumpout Lots 16 & 18. Add options to typical model foot prints.

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

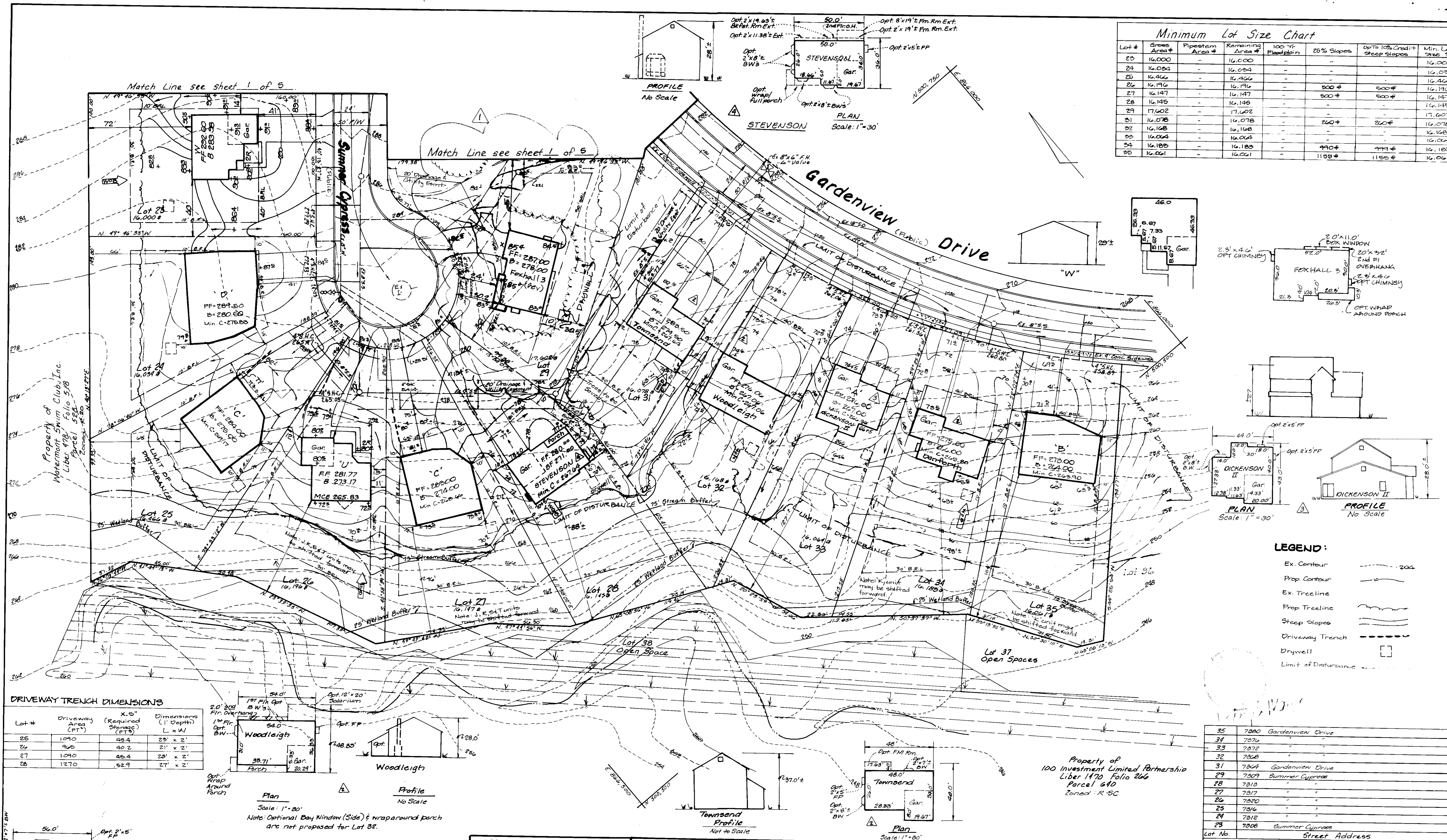
Property of:	Section / Area	Parcel No.
Goodier Builders, Inc.	1	593
Plot No. 11995	Block No. 5+11	Zone R-20
Tax/Zone 37	Bl. Dist. 133	Census Tract 6011
Water Code: D 04	Sewer Code: 2153000	Date: 10/93

DESIGNED: GL
DRAWN: M.L.M.
CHECKED: RM
DATE: 10/93

SITE DEVELOPMENT PLAN
for
MARSHALEE WOODS
SECTION 1,
Lots 16-29 &
81-85
Tax Map 37
1st Election District
Howard County, Maryland
Previous Submittals: F 94-101

Scale: 1" = 30'
Drawing: 1 of 5
Job No.: 93 115
File No.:
Owner/Developer:
Goodier Builders, Inc.
5034 Dorsay Hall Drive, Suite 205
Ellicott City, Maryland 21042

Lot #	Gross Area #	Pipestem Area #	Remaining Area #	100' Floodplain	25% Slopes	Opt 10% Grd+ Steep Slopes	Min. Lot Size S.F.
23	16,000	-	16,000	-	-	-	16,000
24	16,054	-	16,054	-	-	-	16,054
25	16,466	-	16,466	-	-	-	16,466
26	16,196	-	16,196	-	500 #	500 #	16,196
27	16,147	-	16,147	-	500 #	500 #	16,147
28	16,145	-	16,145	-	-	-	16,145
29	17,602	-	17,602	-	-	-	17,602
31	16,078	-	16,078	-	200 #	200 #	16,078
32	16,168	-	16,168	-	-	-	16,168
33	16,064	-	16,064	-	-	-	16,064
34	16,185	-	16,185	-	990 #	999 #	16,185
35	16,061	-	16,061	-	1158 #	1155 #	16,061



Lot #	Driveway Area (Sq Ft)	X-5" (Required Storage) (FT)	Dimensions (L x W)
25	1090	48.4	25' x 21'
26	966	40.2	21' x 21'
27	1090	45.4	23' x 21'
28	1270	52.9	27' x 21'

Ex. Contour	--- 200
Prop Contour	--- 10
Ex. Treeline	---
Prop Treeline	---
Steep Slopes	---
Driveway Trench	---
Drywell	□
Limit of Disturbance	---

35	7280	Gardenview Drive
34	7276	"
33	7272	"
32	7268	"
31	7264	Gardenview Drive
29	7209	Summer Cypress
28	7213	"
27	7217	"
26	7220	"
25	7216	"
24	7212	"
23	7208	Summer Cypress

WOODLEIGH

Plan Scale: 1" = 30'

Profile No Scale

Note: Optional Bay Window (Side) & wraparound porch are not proposed for Lot 32.

TOWNSEND

Plan Scale: 1" = 30'

Profile No Scale

DAN-PARTH

Plan Scale: 1" = 30'

Profile No Scale

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

Ramon M. Law 4/21/94
Director, Public Works

Paul Degan 4/20/94
Chief, Bureau of Engineering

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

John J. ... 4/20/94
Health Officer

APPROVED: Department of Planning and Zoning.

James ... 5/6/94
Planning Director

Uma Sarawany 5/6/94
Division of Land Development and Research

No.	Date	Description
1	6-6-94	House Type Revision
2	Oct. 1995	Revise Lot 31, Townsend Model
3	"	Revise Lot 32, Woodleigh Model
4	Jan. 4, 1996	Revise Lot 34, Dan-Parth Model
5	March, 1997	Revise Lot 28, Stevenson Model

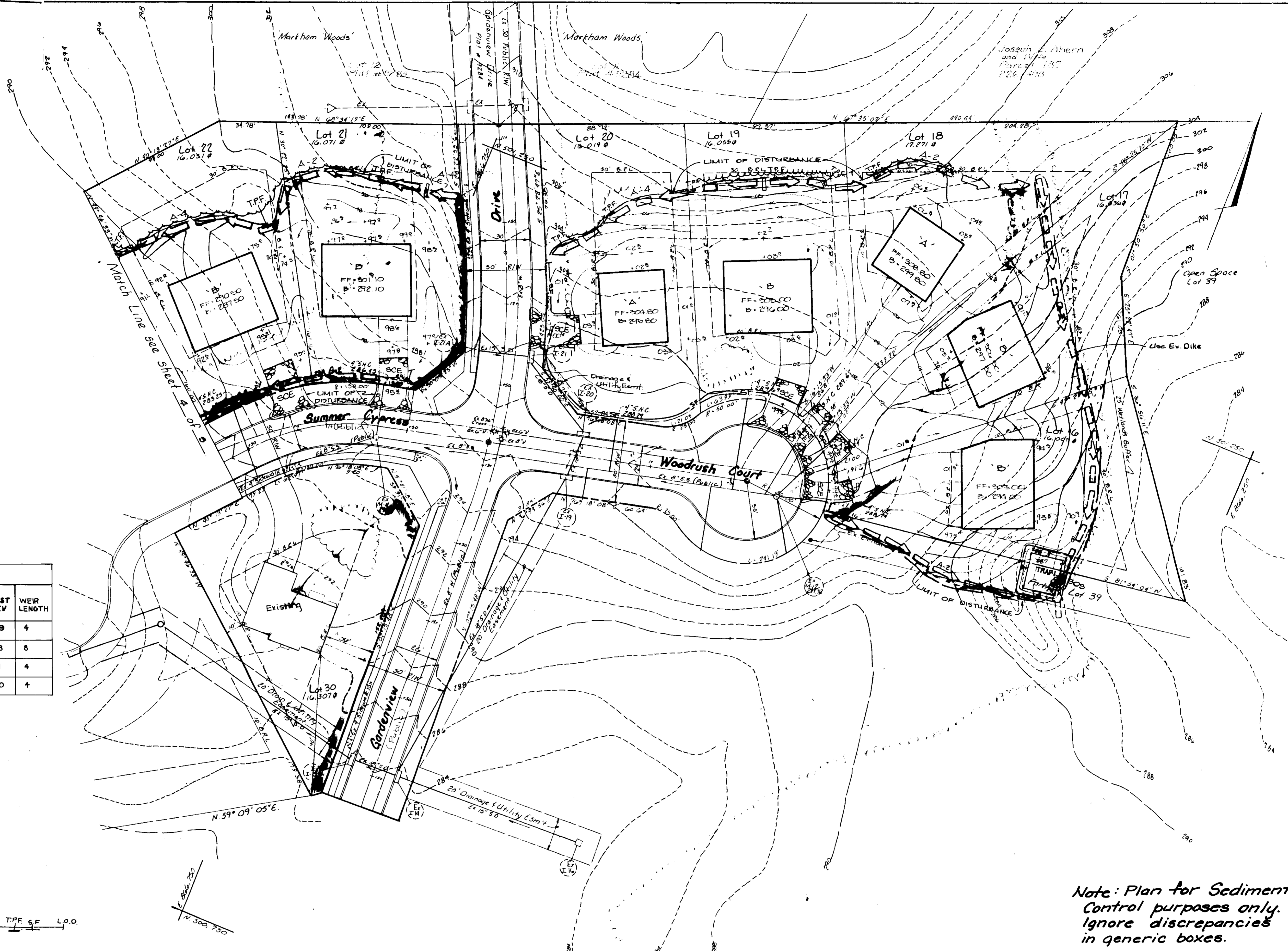
Land Design Engineering, Inc.
8835 Columbia 100 Parkway Unit N Columbia, Md. 21045
(410) 715-1070 (301) 596-3422 (410) 715-0681 Fax

SITE DEVELOPMENT PLAN
for
MARSHALEE WOODS
SECTION 1
Lots 16, 27 & 31-35

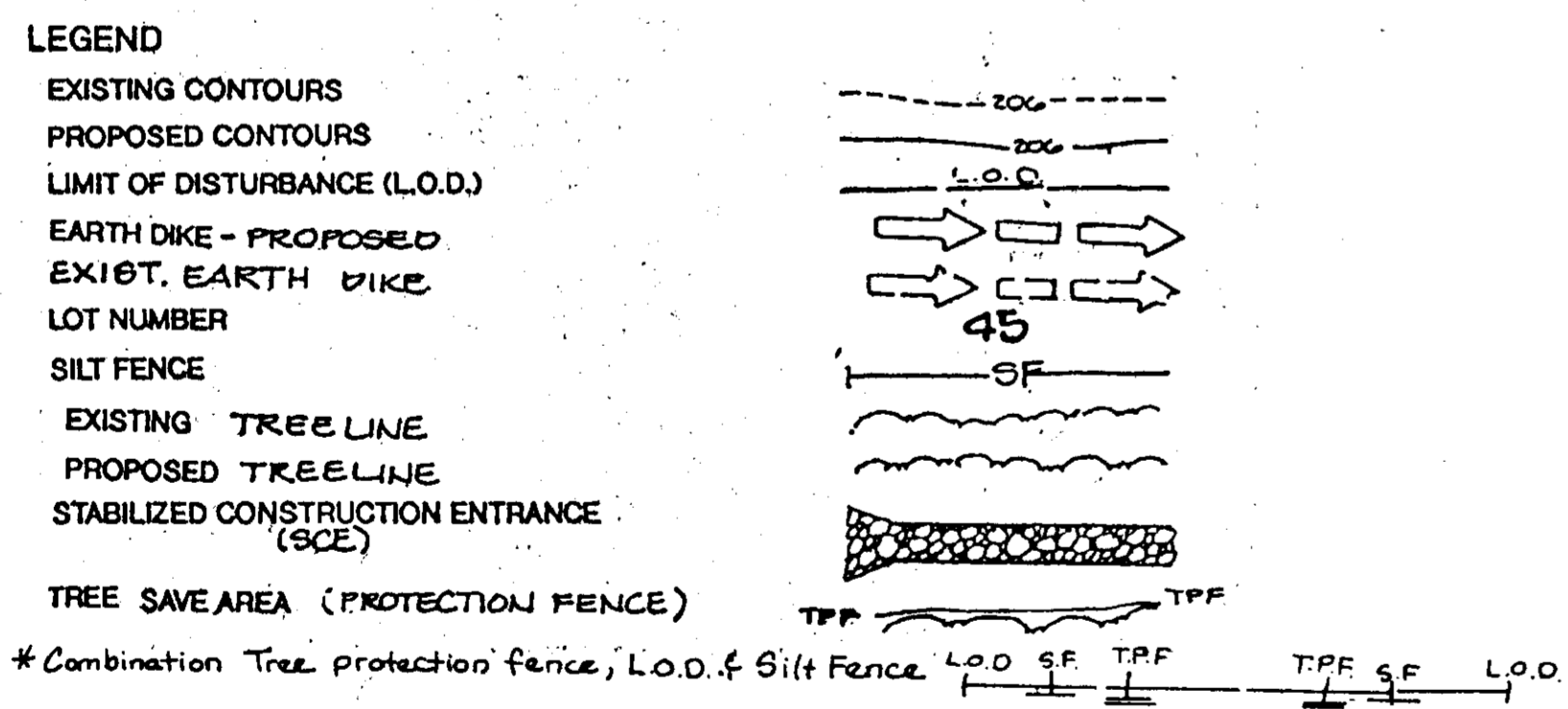
Tax Map 37 Parcel 593
1st Election District
Howard County, Maryland
Previous Submittals: F 94-101

Scale: 1" = 30'
Drawing: 2 of 5
Job No: 93-115
File No:

No.	Revision	Date
2	Revise & add lot 23 by Clark, Finebrook & Sockett	4-6-95
1	Revise & add lot 25 by Clark, Finebrook & Sockett	7-26-94



SEDIMENT TRAP SCHEDULE								
NUMBER	TYPE	DRAINAGE AREA	STORAGE REQ'D	STORAGE PROVIDED	BOTTOM ELEV	STORAGE DEPTH BELOW CREST	CREST ELEV	WEIR LENGTH
1	SOST	.5	900	1056	287	20+22	2	289
2	SOST	2.0	3600	4704	264	20+45	4	268
3	SOST	1.0	1800	2068	269	20+45	2	271
4	SOST	1.0	1800	2068	248	20+45	2	250



Note: Plan for Sediment Control purposes only. Ignore discrepancies in generic boxes.

ENGINEER'S CERTIFICATE I hereby certify that this plan for Sediment Control represents a true and accurate plan based on my personal knowledge of the site conditions and was prepared in accordance with the requirements of the Howard Soil Conservation District.	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.	Reviewed for Howard County Soil Conservation District and meets technical requirements. <i>Patricia Engle</i> 11/15/93 U.S. Soil Conservation Service Date	APPROVED Department of Public Works for Public Water and Public Sewerage, Storm Drainage Systems and Public Roads. <i>James H. Lewis</i> 4/21/94 Director, Public Works Date	APPROVED Department of Planning and Zoning <i>James H. Lewis</i> 5/6/94 Planning Director Date	REVISIONS No. Date Description		LAND DESIGN ENGINEERING, INC. 8835 Columbia 100 Parkway Unit N. Columbia, Md. 21045 (410) 715-1070 (301) 596-3424 (410) 715-0681 (Fax)	Designed: GL Drawn: M.L.M. Checked: RM Date: 10/93	Scale: 1" = 30' Drawing: 3 of 5 Job No: 93 115 File No:
					Signature of Engineer: <i>Rodolph May Jr</i> 11-15-93 Date	Signature of Developer: <i>M. Cannon</i> 11/15/93 Date			

Sequence of Construction

1. Obtain grading permit - 2 days
2. Install T.R.F. - 1 week
3. Install Perimeter Earth Dike to divert clear water - 1 week
4. Install silt fence and S.C.E. earth dikes and stone outlet structures to contain construction area - 1 week
5. Construct heaves. Stabilize disturbed ground per seeding specification - 1 week
6. Reshape existing berm and apply permanent seeding to lots 1 & 17 - 1 week
7. Remove sediment control devices when authorized by a sediment control inspector - 1 week.

HOWARD SOIL CONSERVATION DISTRICT

Apply to grade 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, if not previously loosened.

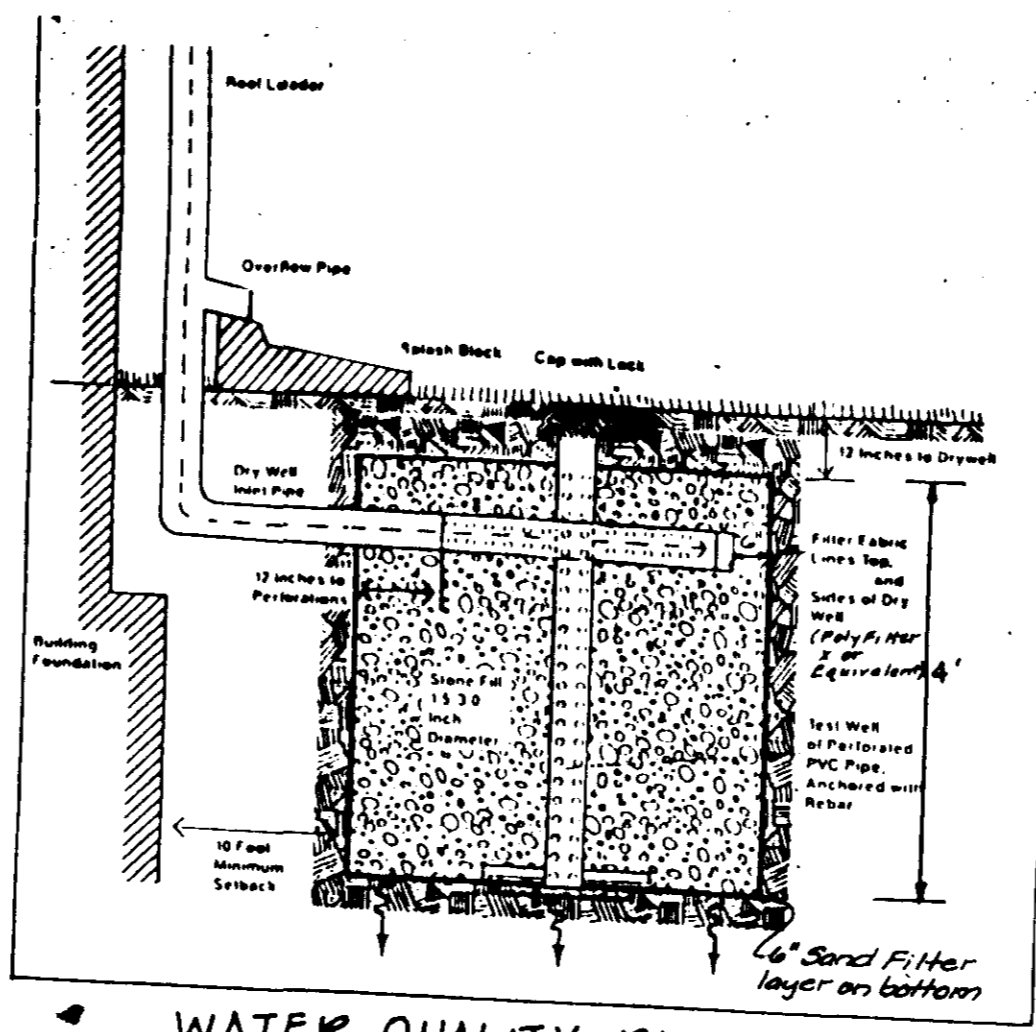
Soil Amendments: In lieu of soil test recommendations, use one of the following practices:

- 1) Fertilizer - Apply 2 tons per acre (200 lbs/1000 sq. ft.) of 10-10-10 fertilizer (10 lbs/1000 sq. ft.) before seeding. Before or after this apply three inches of soil to a depth of 10 inches. (10 lbs/1000 sq. ft.)
- 2) Compost - Apply 2 tons per acre (200 lbs/1000 sq. ft.) of 10-10-10 fertilizer (10 lbs/1000 sq. ft.) and 1000 lbs per acre (100 lbs/1000 sq. ft.) of compost or other well-rotted manure and soil to a depth of 10 inches. (10 lbs/1000 sq. ft.)

Seeding: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (6 lbs/1000 sq. ft.) of Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.2 lbs/1000 sq. ft.) of 11-2 Two-way per acre of well-rotted manure and soil to a depth of 10 inches. (10 lbs/1000 sq. ft.)

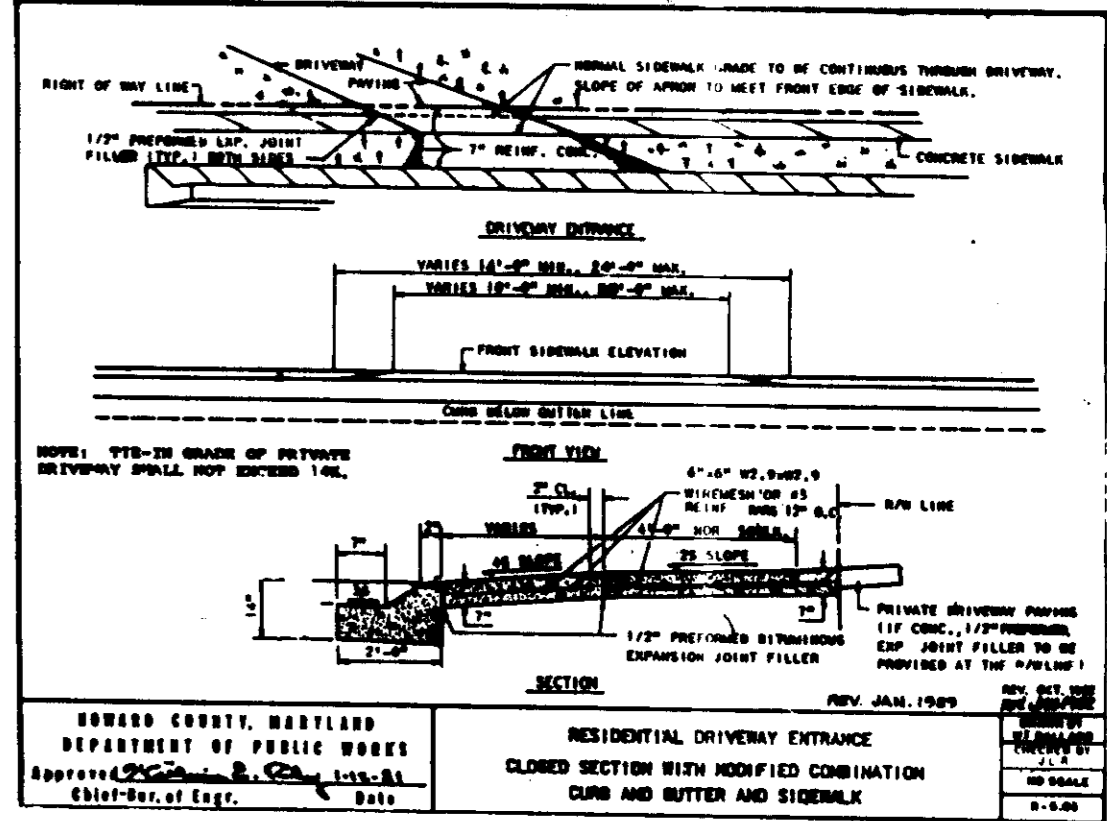
Planting: Apply 1-1/2 to 2 tons per acre (150 to 200 lbs/1000 sq. ft.) of animal soil with 50% immediately after seeding. Animal soil immediately after application using water and/or soil to a depth of 10 inches. (10 lbs/1000 sq. ft.) of animal soil with water and/or soil to a depth of 10 inches. (10 lbs/1000 sq. ft.)

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

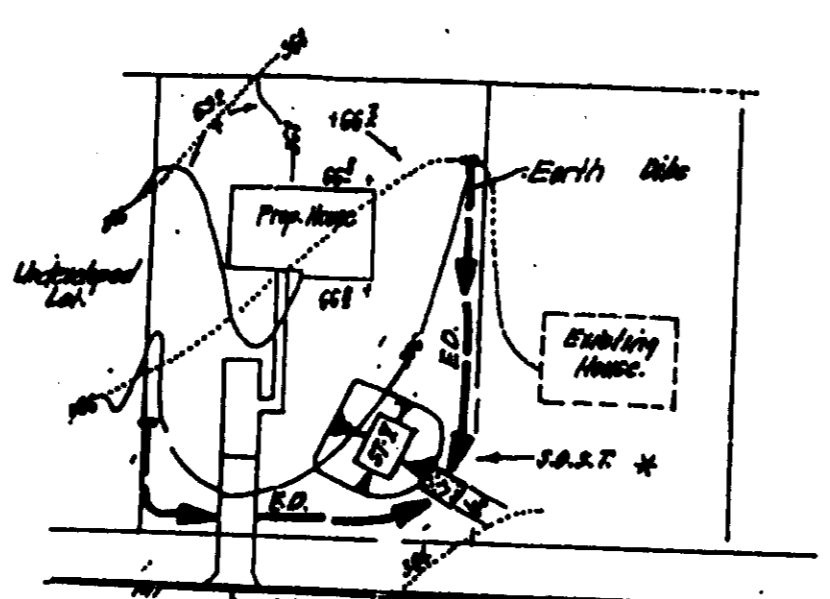


WATER QUALITY DRY WELL
NO SCALE

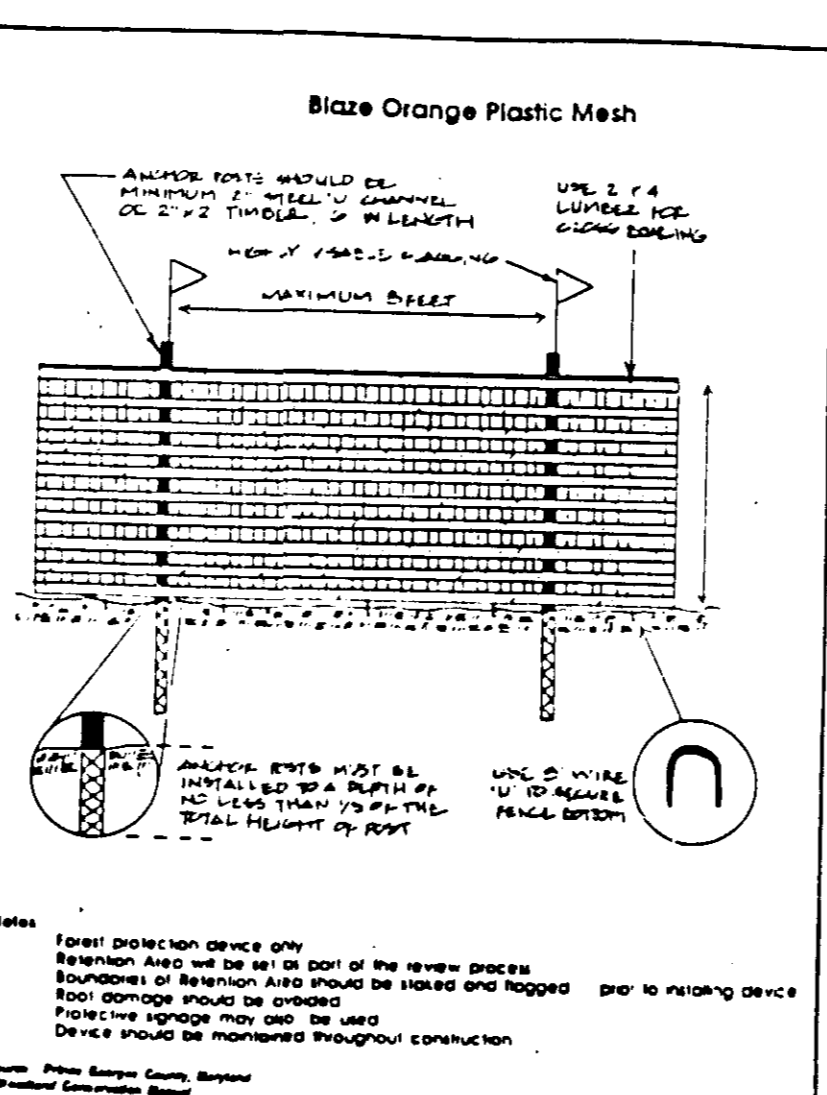
Drywell Dimensions
7'x7'4" for each of 2 per house
5'x5'4" for single
Drywell required on lots 23-35



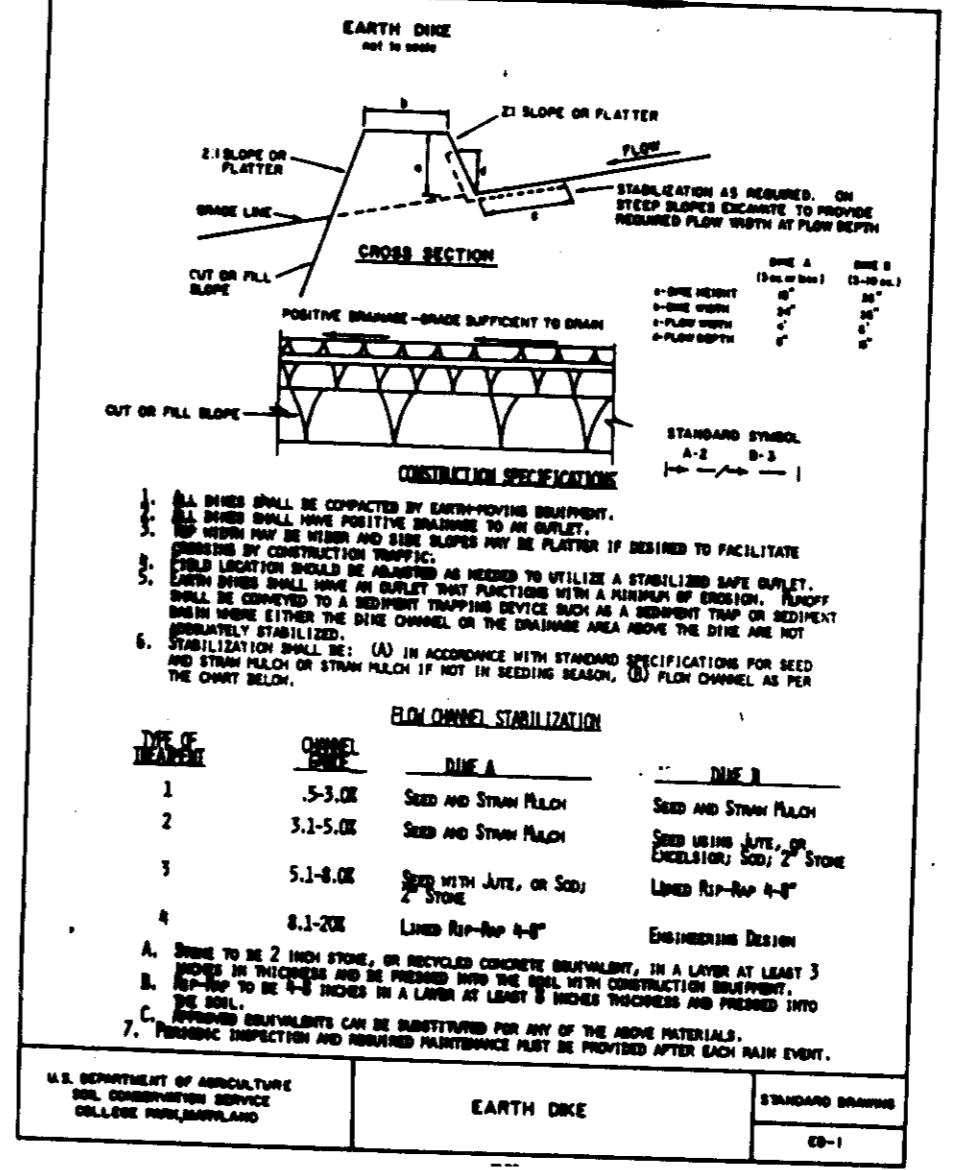
WATER QUALITY DRIVEWAY TRENCH



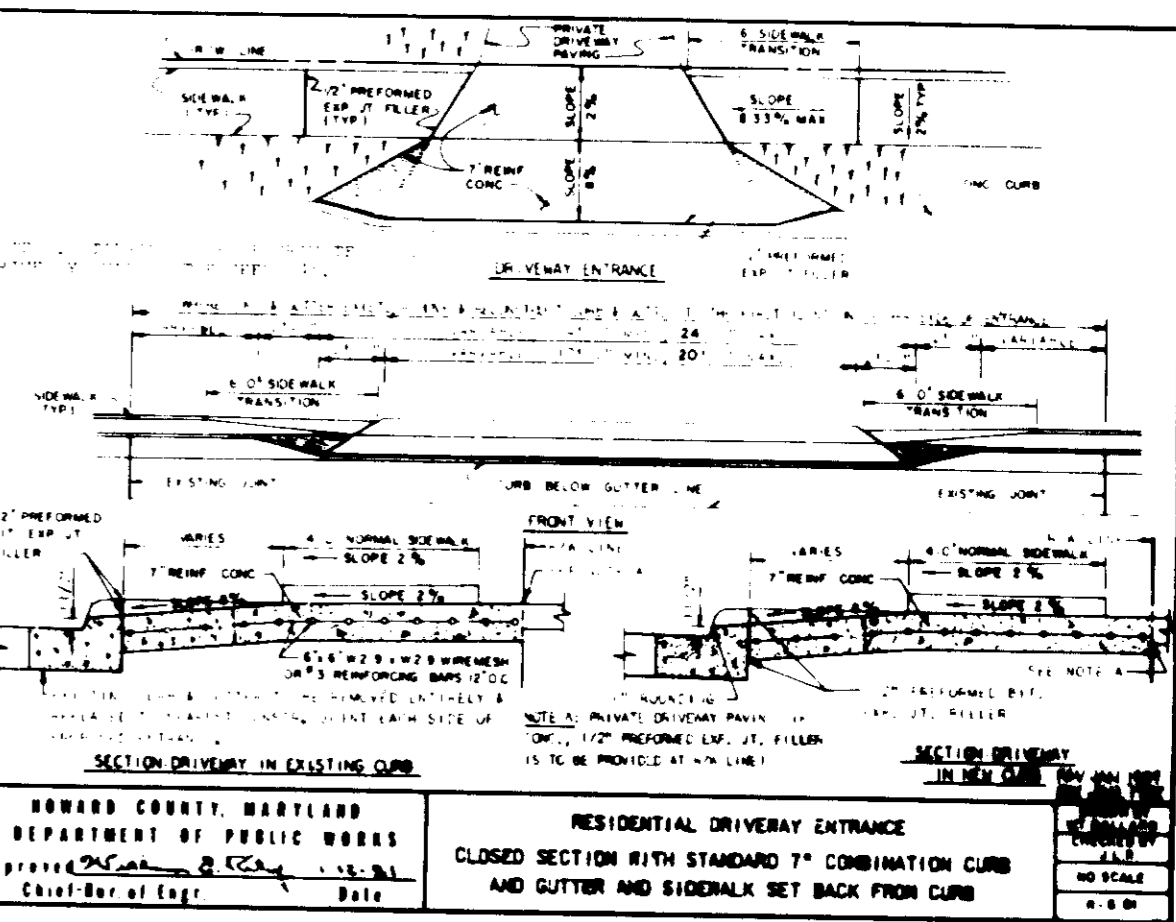
SINGLE LOT SEDIMENT CONTROL PLAN
NO SCALE



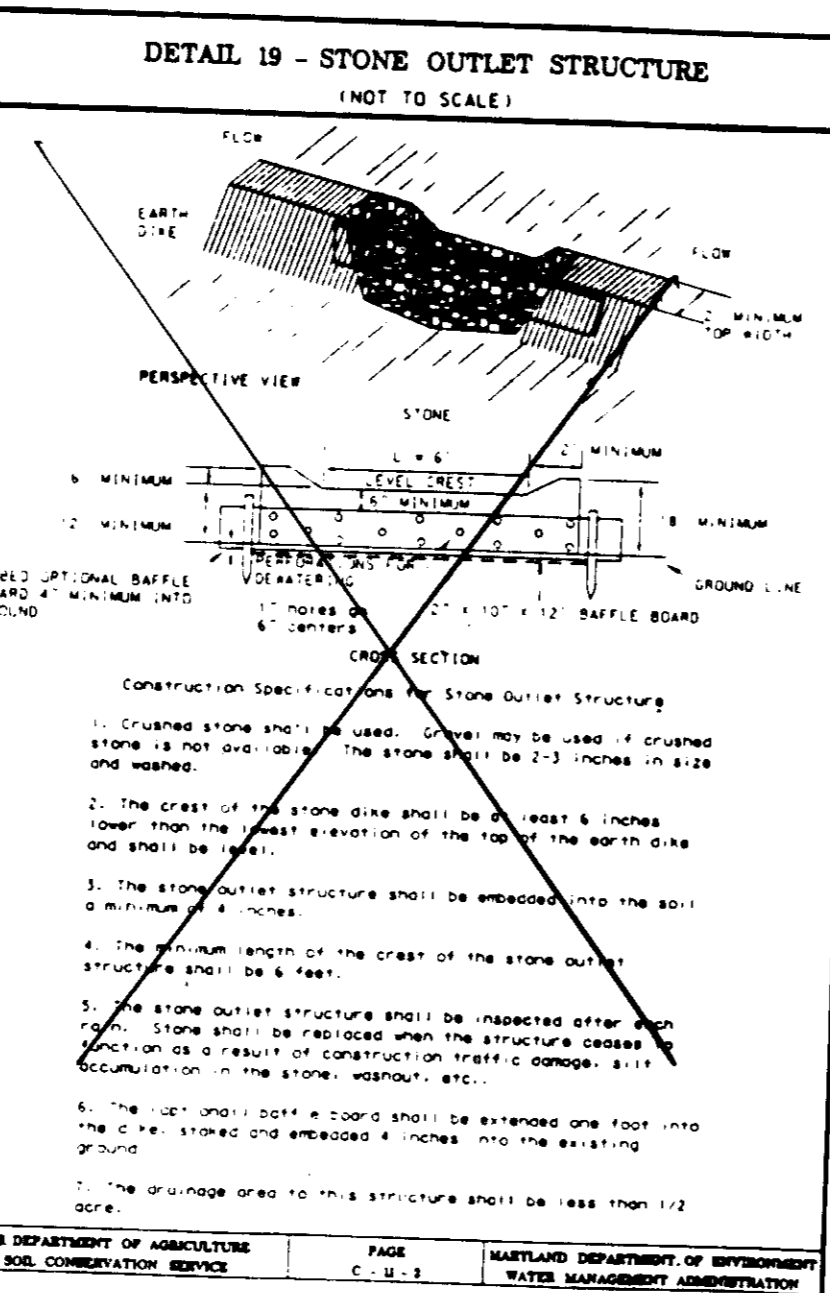
TREE PROTECTION FENCE (T.P.F.)



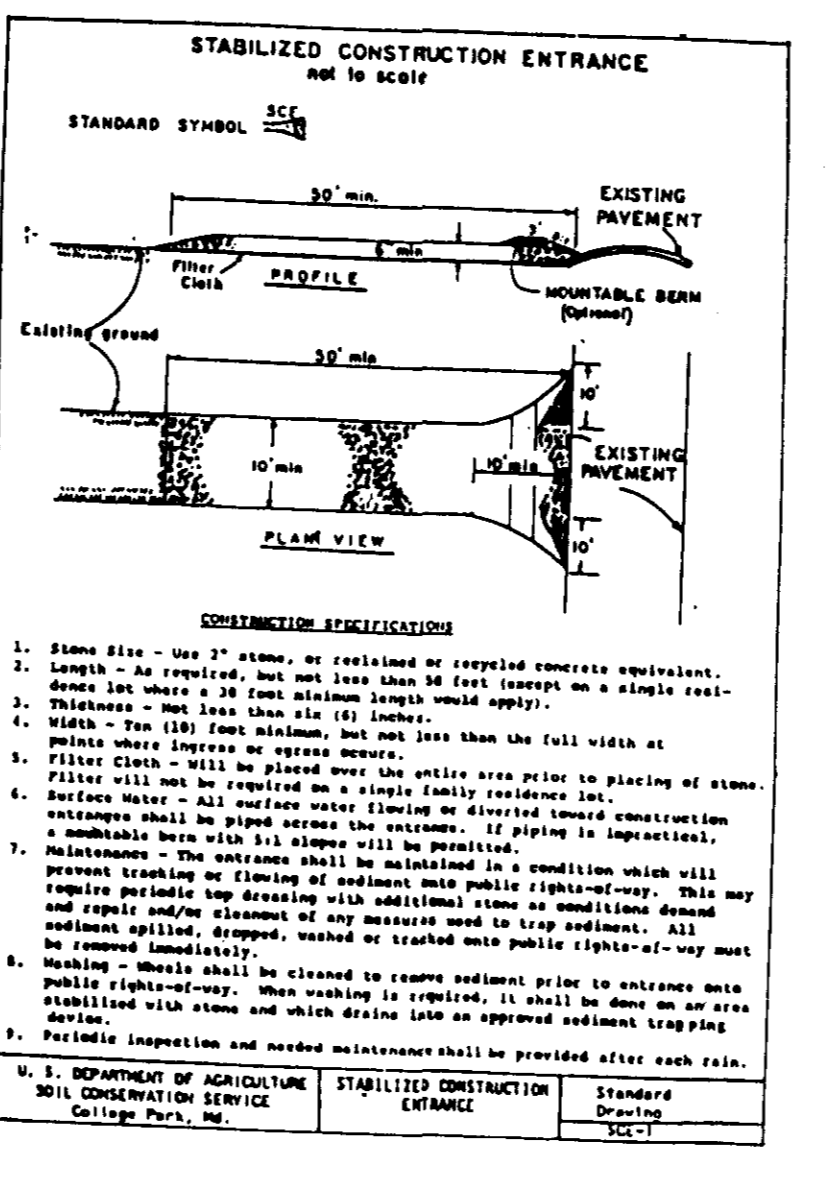
EARTH DIKE



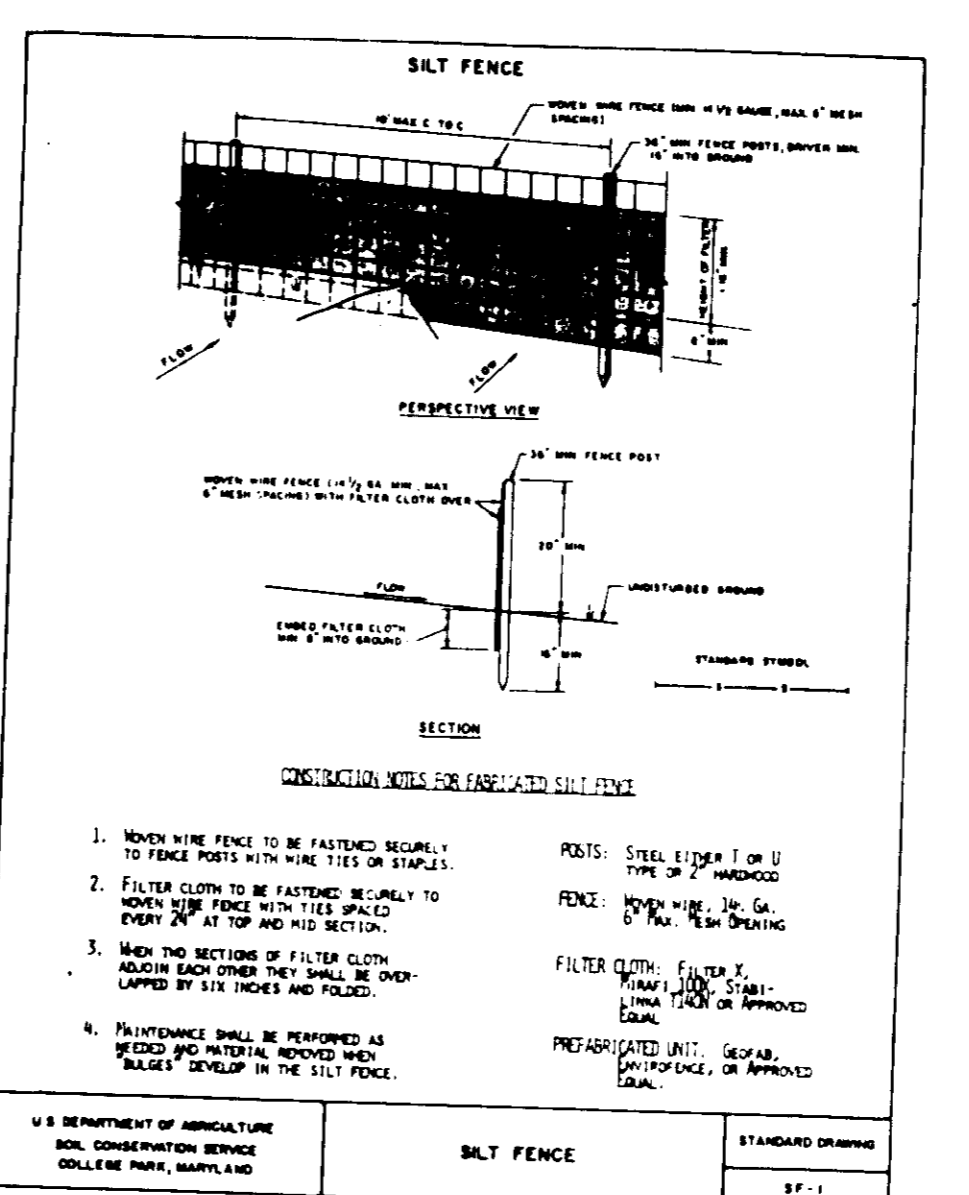
RESIDENTIAL DRIVEWAY ENTRANCE



STONE OUTLET STRUCTURE



STABILIZED CONSTRUCTION ENTRANCE



SILT FENCE

- HOWARD SOIL CONSERVATION DISTRICT**
- STANDARD SEDIMENT CONTROL MEASURES:**
1. A minimum of 40 hours of training shall be given to the Howard County Department of Inspection, Licensing and Permits, Sediment Control Division prior to the start of any construction.
 2. All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current "Sediment Control" and "Construction for Soil Erosion and Sediment Control" and revisions thereto.
 3. Following initial soil stabilization or full stabilization, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1; b) 14 days on all other disturbed or graded areas on the project site.
 4. All sediment traps/basins shall be fenced and warning signs placed 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 1993 HOWARD COUNTY DESIGN MANUAL, Storm Drainage and Sediment Control, the present grading (Sec. 511, and Sec. 512), temporary seeding (Sec. 513) and seeding (Sec. 514). Temporary stabilization with mulch alone can only be used on low disturbance areas. Temporary stabilization with mulch alone can only be used on low disturbance areas. Temporary stabilization with mulch alone can only be used on low disturbance areas.
 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	7.1	Acres
Area to be graded or paved	0.0	Acres
Area to be vegetatively stabilized	7.1	Acres
Total Disturbance	7.1	Acres
Total Silt	0.0000	Cu. Yds.
Off-site water/runoff area	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. Additionally, 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 is required. The present grading (Sec. 511, and Sec. 512), temporary seeding (Sec. 513) and seeding (Sec. 514). Temporary stabilization with mulch alone can only be used on low disturbance areas. Temporary stabilization with mulch alone can only be used on low disturbance areas.
 11. Timelines 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/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 site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.

M. Chrus 4/94
Signature of Developer Date

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 4/94
Signature of Engineer Date

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

U.S. Soil Conservation Service Date

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

APPROVED:

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

James J. Lewis 4/10/94
Director, Public Works Date

APPROVED: Howard County Health Department for Public Water and Public Sewerage Items.

Richard J. ... 4/10/94
Chief, Bureau of Engineering Date

APPROVED: Department of Planning and Zoning.

James J. ... 4/10/94
Planning Director Date

Chris J. ... 4/10/94
Chief, Division of Land Development and Research Date

STATE OF MARYLAND
PROFESSIONAL ENGINEER

Rodolph May
Professional Engineer

LAND DESIGN ENGINEERING, INC. 8835 Columbia 100 Parkway Unit N Columbia, Md 21045 (410) 715-1070 (301) 596-3424 (410) 715-0681 (Fax)			
Designed:	E.F.B.	Details of Construction - for -	
Drawn:	MLLM.	Marshalee Woods	
Checked:	RM	Section 1	
Date:	11/93	Lots 15-29, 31-35	
Subdivision Name:	Marshalee Woods	Section:	One
Plot No.:	1179B-11200	Block:	5+11
Zone:	R-20	Tax Map:	37
El. Dist.:	1st	Census Tract:	6011
Water Code:	D 04	Sewer Code:	2153 000
Scale:	As Shown	Job No.:	93-115
Drawing:	5 of 5	File No.:	
Parcel:	573	Howard Co., Md.	
Owner/Developer Goodier Builders, Inc. 5054 Dorsey Hill Dr. Suite 205 Ellicott City, Md. 21042			