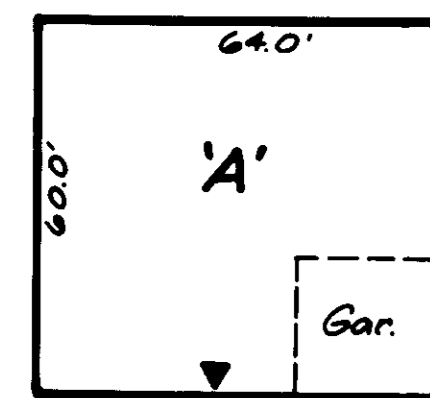


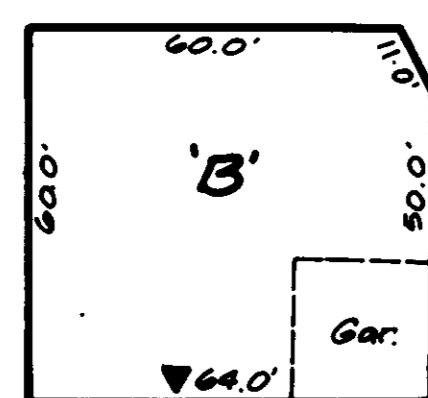
INDEX OF SHEETS	
SHEET NO.	TITLE
1	Cover Sheet
2	Site Development Plan
3	Grading & Sediment and Erosion Control Plan
4	Grading & Sediment and Erosion Control Details

MODEL MATRIX												
LOT NO.	AMALON	BIRCHWOOD	CHANDLER	DEVON-SHIRE	DEVON-SHIRE EXT.	MARQUETTE	OSBERLIN	ROSE-MONT	VANDEN-BERG	VANDEN-BERG EXT.	ZACHARY	ZACHARY EXTENDED
74	*	H(Rev) ②	H(Rev) ③	*	*	H(Rev) ②	*	*	*	*	H(Rev) ②	H(Rev) ③
75	E(Rev) ①	E(Rev)	E(Rev) ③	E(Rev)	*	E(Rev)	E(Rev)	E(Rev)	E(Rev)	E(Rev)	E(Rev)	E(Rev)
76	A	A	A	A	A ④ ⑤	A	A	A	A	A	A	A
77	A	A	A	A	A ④ ⑤	A	A	A	A	A	A	A
78	B ②	B ②	B ②	B ②	B ② ③ ④	B ②	B ②	B ②	B ②	B ②	B ②	B ②
79	C ① ②	C(Rev) ②	* ②	*	C(Rev) ②	*	*	C(Rev) ① ②	C(Rev) ② ③	C(Rev) ② ③	C(Rev) ② ③	C(Rev) ② ③
80	D ① ②	D(Rev) ②	D(Rev) ③	*	D(Rev) ②	D(Rev) ③	D(Rev) ④	D(Rev) ②	D(Rev) ③	D(Rev) ④	D(Rev) ②	D(Rev) ③
81	E ① ②	E	E	E	*	E	E ②	E ①	E	*	E	E
82	A	A	A	A	A ④ ⑤	A	A	A	A	A	A	A
83	F	F	F	F	F ①	F	F	F	F	F	F	F
84	G(Rev)	G(Rev)	G(Rev)	G(Rev)	*	G(Rev)	G(Rev)	G(Rev)	G(Rev)	G(Rev)	G(Rev)	G(Rev)

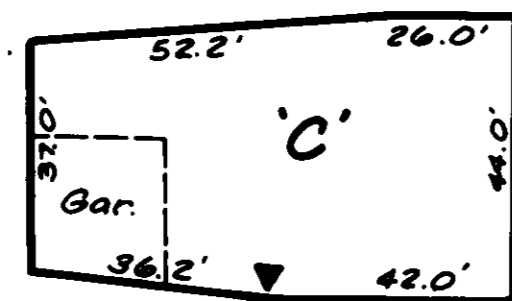
* Model does not fit within Generic Box Type. (Rev) denotes reverse model footprint
 ① No Sunroom option
 ② No Morning Room option
 ③ No 3 car garage option
 ④ No den/study option
 ⑤ 20 ft wide garage
 ⑥ 22 ft wide garage
 ⑦ 24 ft wide garage
 ⑧ Front or side entry garage
 ⑨ 2 ft garage bumpout
 ⑩ Redline Revision required C(Rev) ②



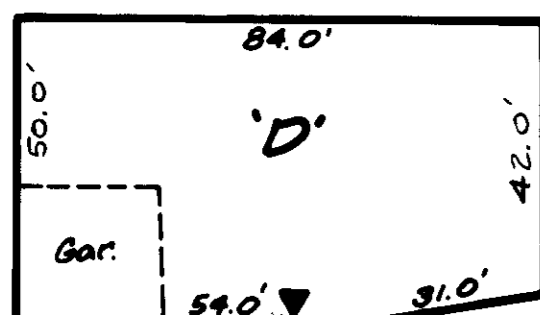
ALL MODELS FIT. SEE MATRIX FOR DEVONSHIRE EXT. OPTIONS.



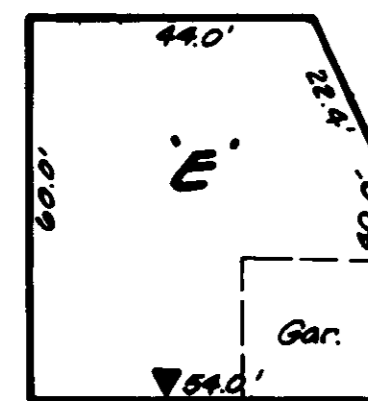
ALL MODELS FIT. SEE MATRIX FOR DEVONSHIRE EXT. OPTIONS AND FRONT OR SIDE ENTRY GARAGE OPTIONS (ALL MODELS)



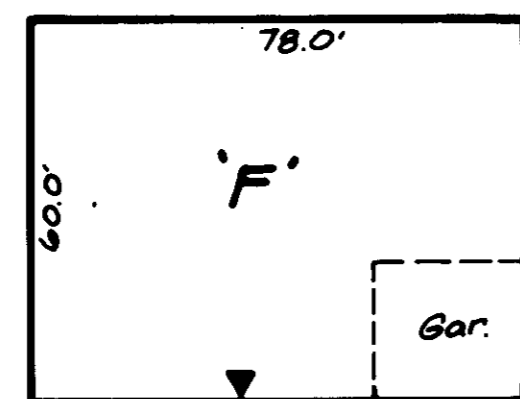
ALL MODELS FIT EXCEPT THE DEVONSHIRE, MARQUETTE, OSBERLIN AND CHANDLER. SEE MATRIX FOR OPTIONS.
 Note: Chandler can be sited on Lot 79 if redline revision is submitted and approved.



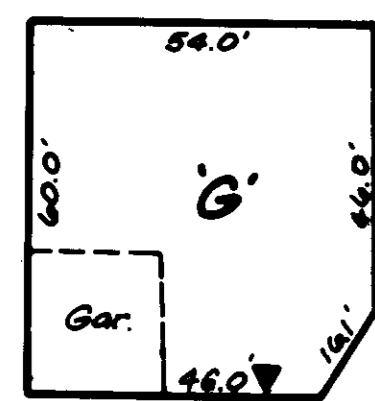
ALL MODELS FIT EXCEPT THE DEVONSHIRE. SEE MATRIX FOR OPTIONS.



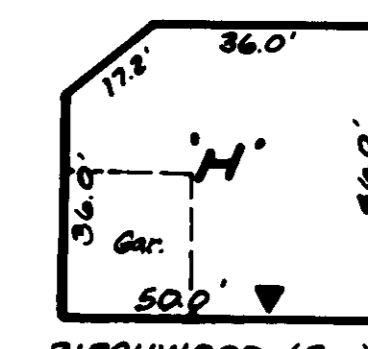
ALL MODELS FIT EXCEPT THE DEVONSHIRE EXT. AND THE VANDENBURG EXT. SEE MATRIX FOR OPTIONS.



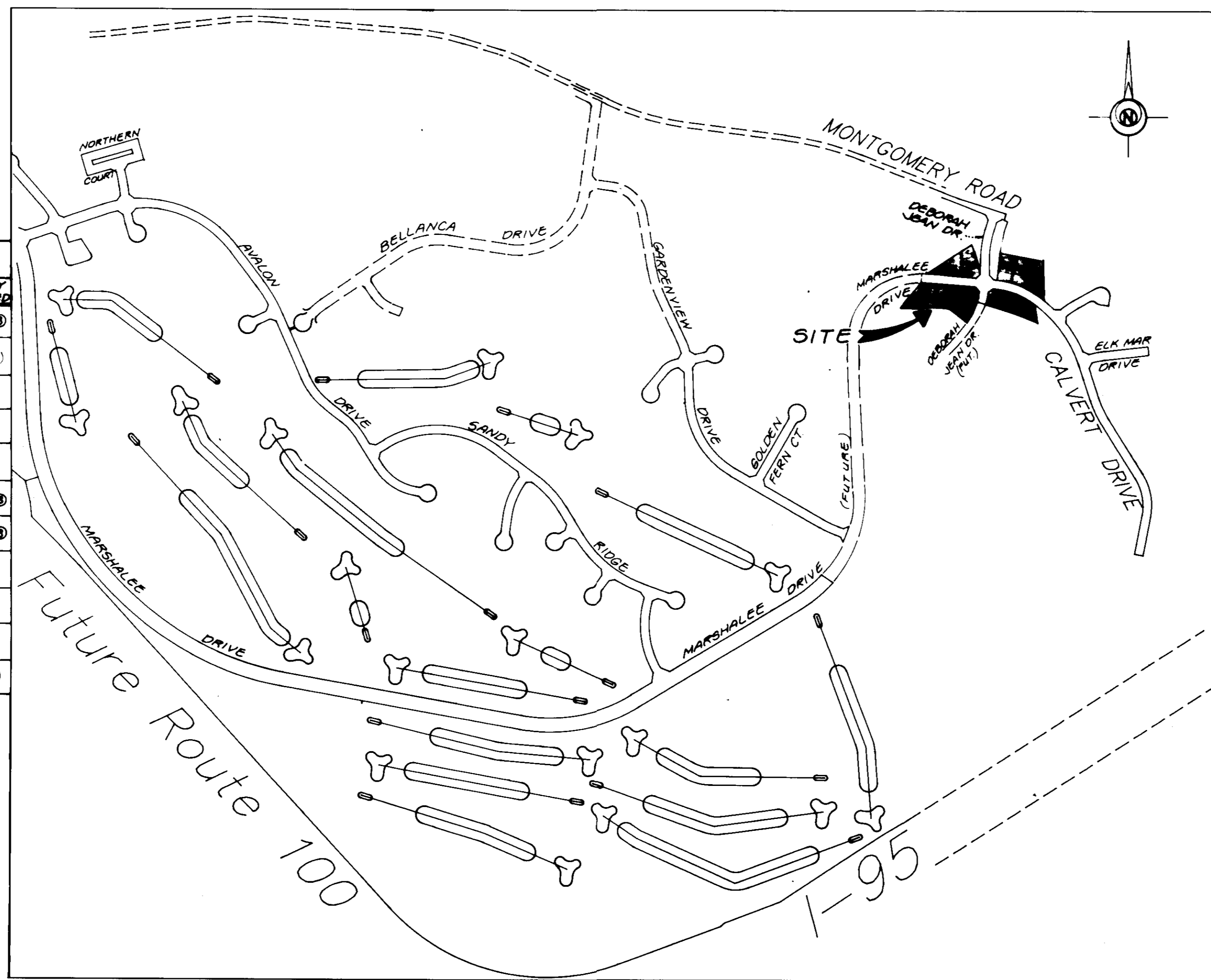
ALL MODELS FIT. SEE MATRIX FOR DEVONSHIRE EXT. OPTIONS.



ALL MODELS FIT EXCEPT THE DEVONSHIRE EXT. MODEL. SEE MATRIX FOR OPTIONS.



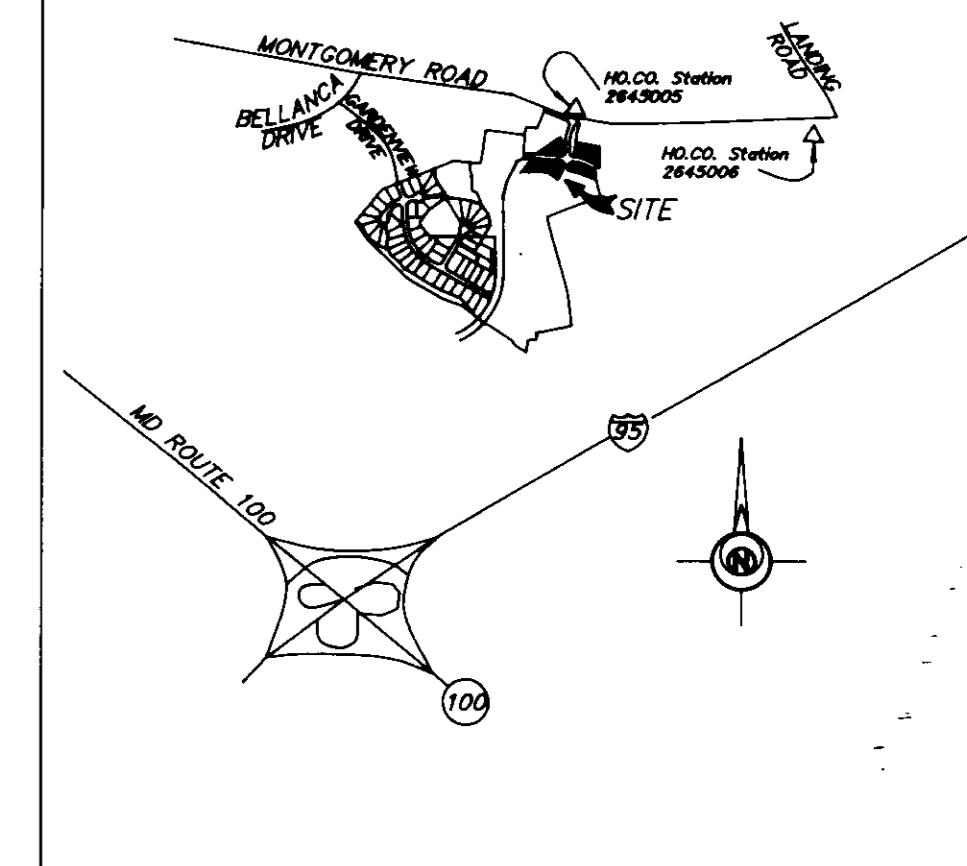
BIRCHWOOD (Rev) CHANDLER (Rev) MARQUETTE (Rev) ZACHARY (Rev) ZACHARY EXT. (Rev) SEE MATRIX FOR OPTIONS.



LOCATION MAP Scale: 1" = 600'

BENCHMARKS

Ho. Co. Station #2645005
 Elev. 291.929
 Concrete Monument 0.3' Below Surface
 At Top of Bank
 Ho. Co. Station #2645006
 Elev. N/A
 Concrete Monument 0.2' Below Surface
 At Top of Bank



VICINITY MAP Scale: 1" = 2000'

GENERAL NOTES

- Site Analysis
 - Total area of lots 3.7469 Ac. plus/minus
 - Zoning R-20
 - Proposed use of structures: Residential Single Family Detached Dwellings
 - Total number of units allowed: 11
 - Total number of units provided: 11
- All construction shall be in accordance with Howard County Standards, Specifications and Details, Volume IV.
- 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.
- Previous Submittals: S89-80,S89-19,P90-28,P92-17,S88-86, F93-36,WP91-190,WP94-89,F95-19,F95-19,P94-07,F96-30
- 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 and Water and Sewer Contract #14-3514-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.
- The existing topography shown reflect the post graded condition shown on Final Construction Plans F-96-30.
- Horizontal and vertical datums are related to the Maryland State Plane Coordinate System as projected from Howard county control stations No. 2644005 and No. 2644006.
- Stormwater management is provided by F-96-30. (Detention)
- The 65 dBA threshold was established by Howard County to alert developers, builders and future residents that areas beyond this threshold may exceed generally accepted noise levels established by the U.S. Department of Housing and Urban Development.

Site Development Plan
 Marshalee Woods 2/3
 Lots 74-84

1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 9/12/96
 DIRECTOR DATE

[Signature] 9/12/96
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

[Signature] 9/10/96
 CHIEF, DEVELOPMENT DIVISION DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS.

NATURAL RESOURCE CONSERVATION DISTRICT DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT 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."

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 DEEMED NECESSARY."

SIGNATURE OF DEVELOPER DATE



ADDRESS CHART

LOT NO.	STREET ADDRESS
74	6496 Marshalee Drive
75	6493 Marshalee Drive
76	7001 Calvert Drive
77	7005 Calvert Drive
78	7009 Calvert Drive
79	7010 Calvert Drive
80	7000 Calvert Drive
81	6498 Marshalee Drive
82	6494 Marshalee Drive
83	6490 Marshalee Drive
84	6486 Marshalee Drive

NO.	DATE	DESCRIPTION

SUBDIVISION NAME MARSHALEE WOODS	SECTION/AREA 2/3	LOT NOS. 74-84
PLAT NO. 12926	BLOCK NO. ZONE 5 R-20	TAX MAP NO. 37
WATER CODE D 04	ELECTION DISTRICT 1st	SEWER CODE E152700
GENSUS TRACT 6011.02		

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

DESIGNED: K.B.W.
 DRAWN: K.B.W.
 CHECKED: B.D.B.

SITE DEVELOPMENT PLAN COVER SHEET
MARSHALEE WOODS SECTION TWO AREA THREE
 Lots 74-84

Tax Map #37 Parcel 593
 1ST Election District Howard County, Maryland

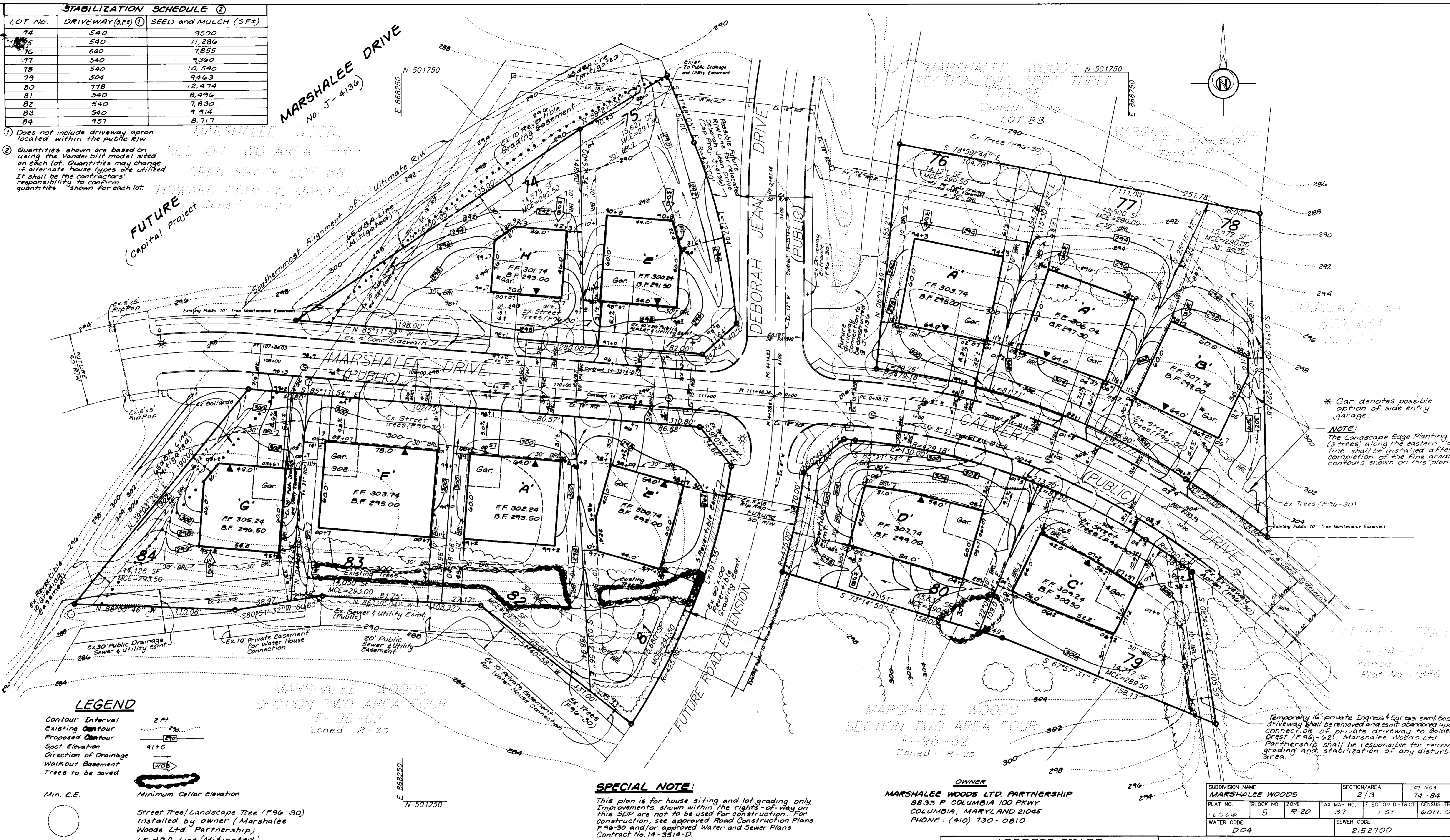
Previous Submittals: S89-80,S89-19,P90-28,P92-17,S88-86, F93-36,WP91-190,WP94-89,F95-19,P94-07,F96-30

For: *[Logo]* **MD**
 11488 Knowledge Drive, Suite 128
 Owings Mills, MD 21117
 410-654-0981 FAX 410-654-0069

SCALE: AS SHOWN
 DRAWING: 1 of 4
 JOB NO.: 96-019
 FILE NO.:
 SDP 96-134

STABILIZATION SCHEDULE ②			
LOT No.	DRIVEWAY (S.F.) ①	SEED and MULCH (S.F.)	
74	540	9500	
75	540	11,286	
76	540	7,855	
77	540	9,360	
78	540	10,540	
79	504	9,463	
80	778	12,474	
81	540	8,496	
82	540	7,830	
83	540	9,914	
84	957	8,717	

- ① Does not include driveway apron located within the public R/W.
- ② Quantities shown are based on using the Vander-bit model sited on each lot. Quantities may change if alternate house types are utilized. It shall be the contractor's responsibility to confirm quantities shown for each lot.



FUTURE
(Capital Project)

LEGEND

Contour Interval	2 Ft
Existing Contour	---
Proposed Contour	---
Spot Elevation	91+5
Direction of Drainage	→
Walkout Basement	WOB
Trees to be saved	○
Min. C.E.	Minimum Cellar Elevation
Street Tree/Landscape Tree (F96-30)	○
Installed by owner (Marshalee Woods Ltd. Partnership)	
65 dBA Line (Mitigated)	---

SPECIAL NOTE:
This plan is for house siting and lot grading only. Improvements shown within the rights-of-way on this SDP are not to be used for construction. For construction, see approved Road Construction Plans F96-30 and/or approved Water and Sewer Plans Contract No. 14-3514-D.

OWNER
MARSHALEE WOODS LTD. PARTNERSHIP
8835 P COLUMBIA 100 PKWY.
COLUMBIA, MARYLAND 21045
PHONE: (410) 730-0810

SUBDIVISION NAME		SECTION/AREA		LOT Nos	
MARSHALEE WOODS		2/3		74-84	
PLAT No.	BLOCK No.	ZONE	TAX MAP No.	ELECTION DISTRICT	CENSUS TRACT
11-266	5	R-20	37	1 ST	6011.02
WATER CODE			SEWER CODE		
D04			2152700		

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 9/13/96
DIRECTOR DATE

[Signature] 9/13/96
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

[Signature] 9/10/96
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS.

NATURAL RESOURCES CONSERVATION SERVICE DATE

THE DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT 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."

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 BEGINS THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY."

SIGNATURE OF DEVELOPER DATE

STATE OF MARYLAND
DAVID J. BRUCE
REGISTERED PROFESSIONAL ENGINEER
92196

ADDRESS CHART

LOT No.	STREET ADDRESS
74	4495 Marshalee Drive
75	4499 Marshalee Drive
76	7001 Calvert Drive
77	7005 Calvert Drive
78	7009 Calvert Drive
79	7010 Calvert Drive
80	7000 Calvert Drive
81	4498 Marshalee Drive
82	4494 Marshalee Drive
83	4490 Marshalee Drive
84	4486 Marshalee Drive

NO. DATE DESCRIPTION REVISIONS

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

DESIGNED: K.B.W.
DRAWN: K.B.W.
CHECKED: B.D.B.DATE: April '96

SITE DEVELOPMENT PLAN

MARSHALEE WOODS
SECTION TWO AREA THREE
LOTS 74-84
Tax Map No. 37, Parcel 583
1st Election District, Howard County, Maryland
Previous Submittals: S89-80, S89-19, P90-28, P92-171 S88-86, F93-36, WP91-190, WP94-89, F95-19, P94-07, F96-30

SCALE: 1"=30'
DRAWING: 2 OF 2
JOB NO.: 96-019
FILE NO.: SDP 96-134

1.0 INTRODUCTION

1.1 Purpose of this plan is to provide for the control of sediment and erosion during the construction of the project.

1.2 This plan is based on the site plan, topographic map, and other information provided by the owner and the engineer.

1.3 The owner is responsible for obtaining all necessary permits and approvals from the appropriate authorities.

1.4 The engineer is responsible for the design and construction of the sediment and erosion control measures.

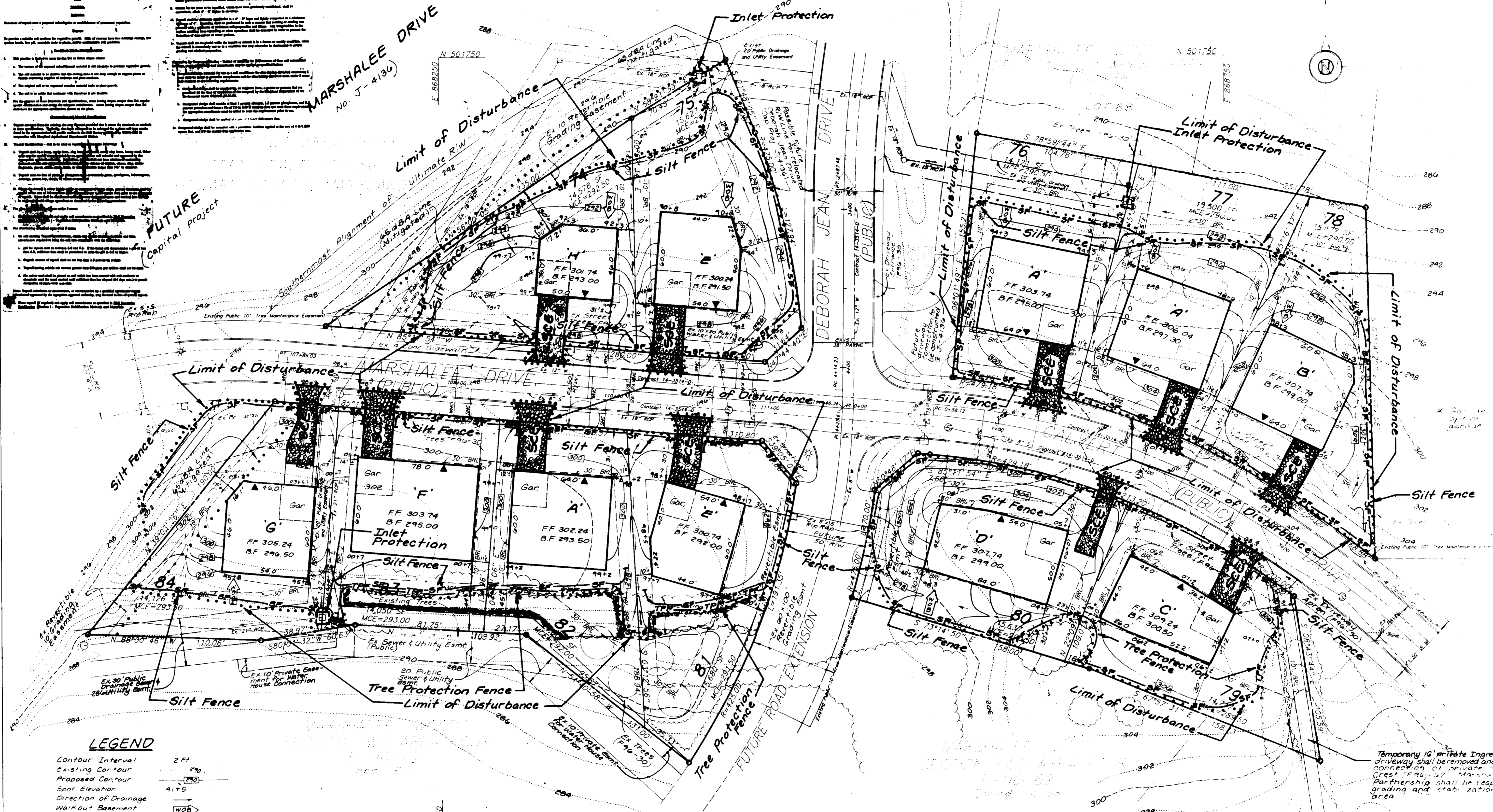
1.5 The contractor is responsible for the installation and maintenance of the sediment and erosion control measures.

1.6 The owner is responsible for the long-term maintenance and monitoring of the sediment and erosion control measures.

1.7 This plan is subject to the approval of the Howard County Department of Planning and Zoning and the Howard Soil Conservation District.

MARSHALEE DRIVE
No J-4136

FUTURE
Capital Project



LEGEND

Contour Interval 2 Ft

Existing Contour 290

Proposed Contour 290

Spot Elevation 91+5

Direction of Drainage

Walkout Basement

Trees to be saved

Min CE

Minimum Cellar Elevation

Street Tree/Landscape Tree (F90-30)
Installed by owner (Marshalee Woods Ltd. Partnership)
65 dBA Line (Mitigated)

SPECIAL NOTE:
This plan is for house siting and lot grading only. Improvements shown within the right-of-way on this SDP are not to be used for construction. For construction, see approved Road Construction Plans F90-30 and/or approved Water and Sewer Plans Contract No 14-3514-D.

OWNER
MARSHALEE WOODS LTD. PARTNERSHIP
8835 P COLUMBIA 100 PKWY
COLUMBIA, MARYLAND 21045
PHONE: (410) 730-0810

SUBDIVISION NAME MARSHALEE WOODS				LOT NOS 74-84
PLAT NO 12326	BLOCK NO 5	ZONE R-20	TAX MAP NO 37	
WATER CODE 204		SEWER CODE 2152700		

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 9/13/96
DATE

[Signature] 9/13/96
DATE

[Signature] 9/13/96
DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS.

[Signature] 9/13/96
DATE

[Signature] 9/13/96
DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature] 9/13/96
DATE

ENGINEER'S CERTIFICATE
I HEREBY CERTIFY THAT THE PLAN FOR SOIL EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE AND THE INFORMATION PROVIDED TO ME. IT WAS PREPARED IN ACCORDANCE WITH REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature] 8/21/96
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 AT A DEPARTMENT OF THE ENVIRONMENT AND PLANNING TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEING PERMITTED TO WORK ON THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS NECESSARY.

[Signature] 5/17/96
DATE

STATE OF MARYLAND
DAVID
PROFESSIONAL ENGINEER
9/21/96

ADDRESS CHART

LOT NO.	STREET ADDRESS
74	Marshalee Drive
75	Marshalee Drive
76	Calvert Drive
77	Calvert Drive
78	Calvert Drive
79	Calvert Drive
80	Calvert Drive
81	Marshalee Drive
82	Marshalee Drive
83	Marshalee Drive
84	Marshalee Drive

DESIGNED: K.B.W.
DRAWN: K.B.W.
CHECKED: B.D.B.

NO. DATE DESCRIPTION REVISIONS

April '96

LDE, INC.
9250 Rumsey Road, Suite 106 Columbia, MD
(410) 715-1070 (301) 596-3421

DESIGNED: K.B.W.
DRAWN: K.B.W.
CHECKED: B.D.B.

MARSHALEE WOODS
SECTION TWO AREA THREE
LOTS 74-81
Tax Map No. 37
1st Election District Howard County Maryland

DATE: April '96

Ryan

HOWARD SOIL CONSERVATION DISTRICT
STANDARD SEDIMENT CONTROL NOTES

- A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction. (313-1855)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", and revisions thereto.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 7, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL (Section G) for permanent seeding, sod, temporary seeding, and mulching. 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: 3.7469 Acres
Area Disturbed: 3.0216 Acres
Area to be roofed or paved: 1.1362 Acres
Area to be vegetatively stabilized: 2.4144 Acres
Total Cut: 8100 Cu. Yds.
Total Fill: 1100 Cu. Yds.
Off-site waste/borrow area location: NA
- 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 requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
- 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.

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.

SEEDBED 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:

- PREFERRED** --- Apply 2 tons per acre dolomitic limestone (92 lbs/1000sq. 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 ureaform fertilizer (9 lbs/1000sq. 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.
- ACCEPTABLE** --- Apply 2 tons per acre dolomitic limestone (92 lbs/1000sq. 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 80 lbs per acre Kentucky 31 Tall Fescue (14 lbs/1000sq. ft.) For the period May 1 thru July 31, seed with 60 lbs per acre Kentucky 31 Tall Fescue and 2 lbs per acre (0.5 lbs/1000sq. ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) --- 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) --- Use sod. Option (3) --- Seed with 60 lbs per acre Kentucky 31 Tall Fescue and mulch 2 tons per acre well anchored straw.

MULCHING --- Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000sq. ft.) of unwetted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000sq. ft.) for anchoring.

MAINTENANCE --- Inspect all seeding areas and make needed repairs, replacements and reseeding.

TEMPORARY SEEDING NOTES

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

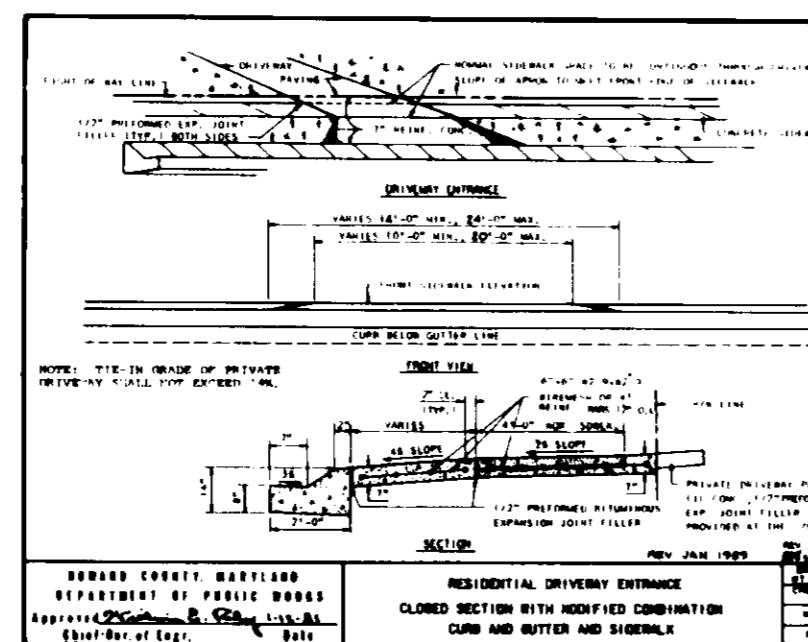
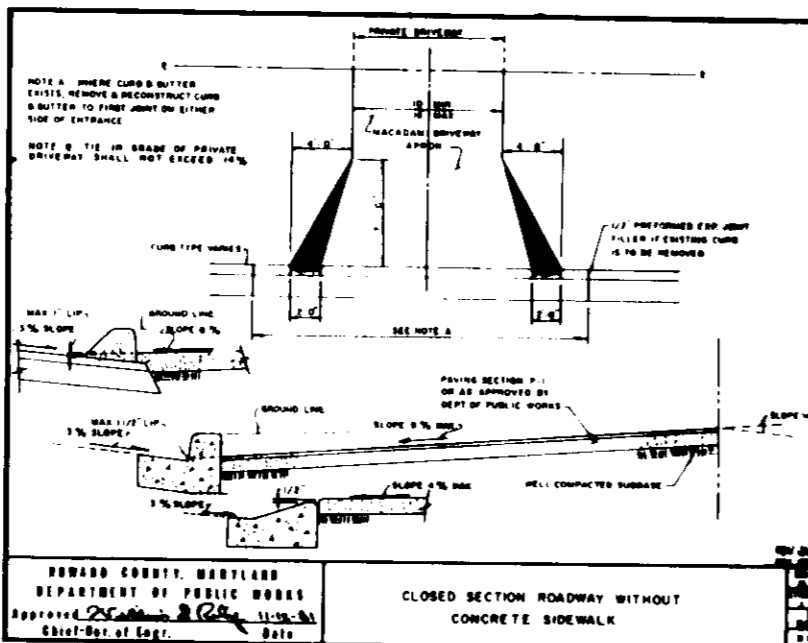
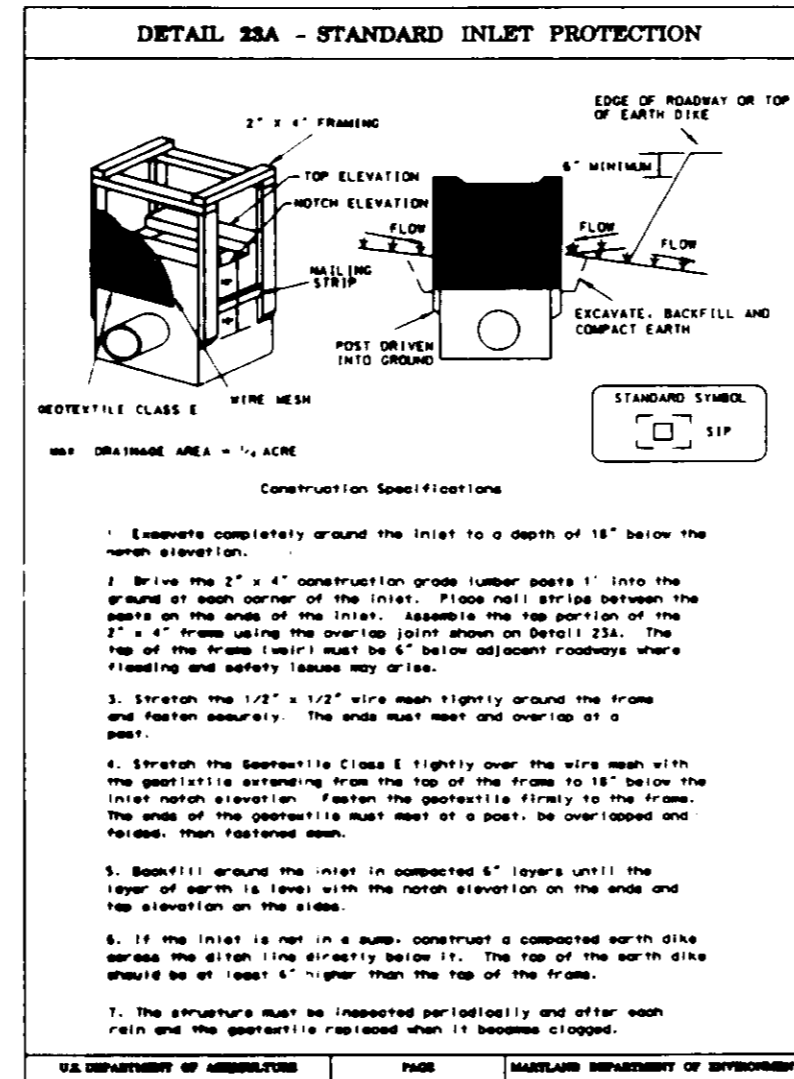
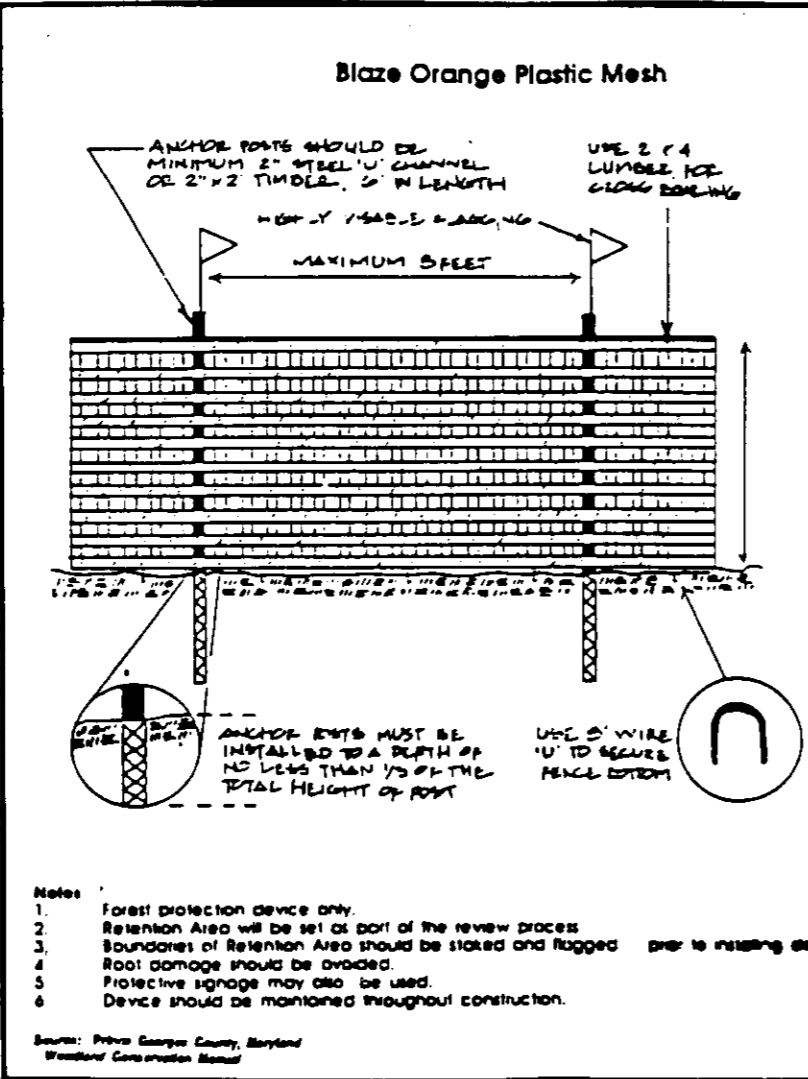
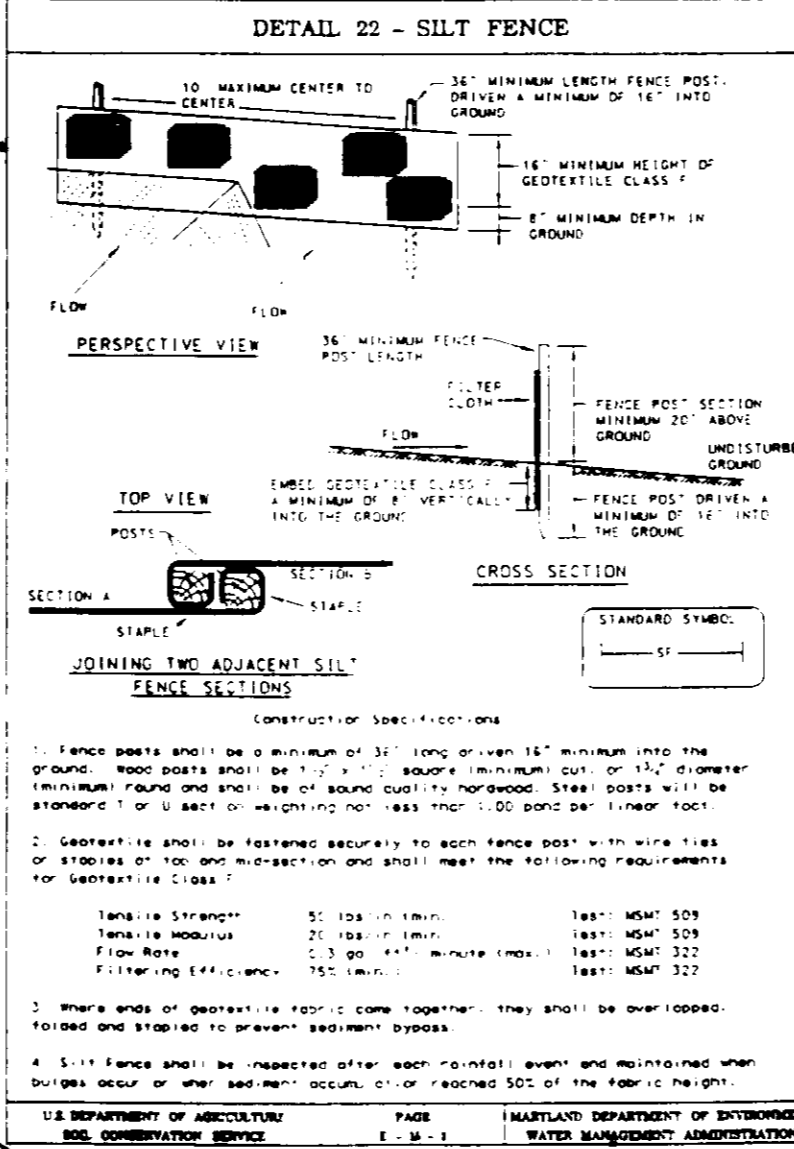
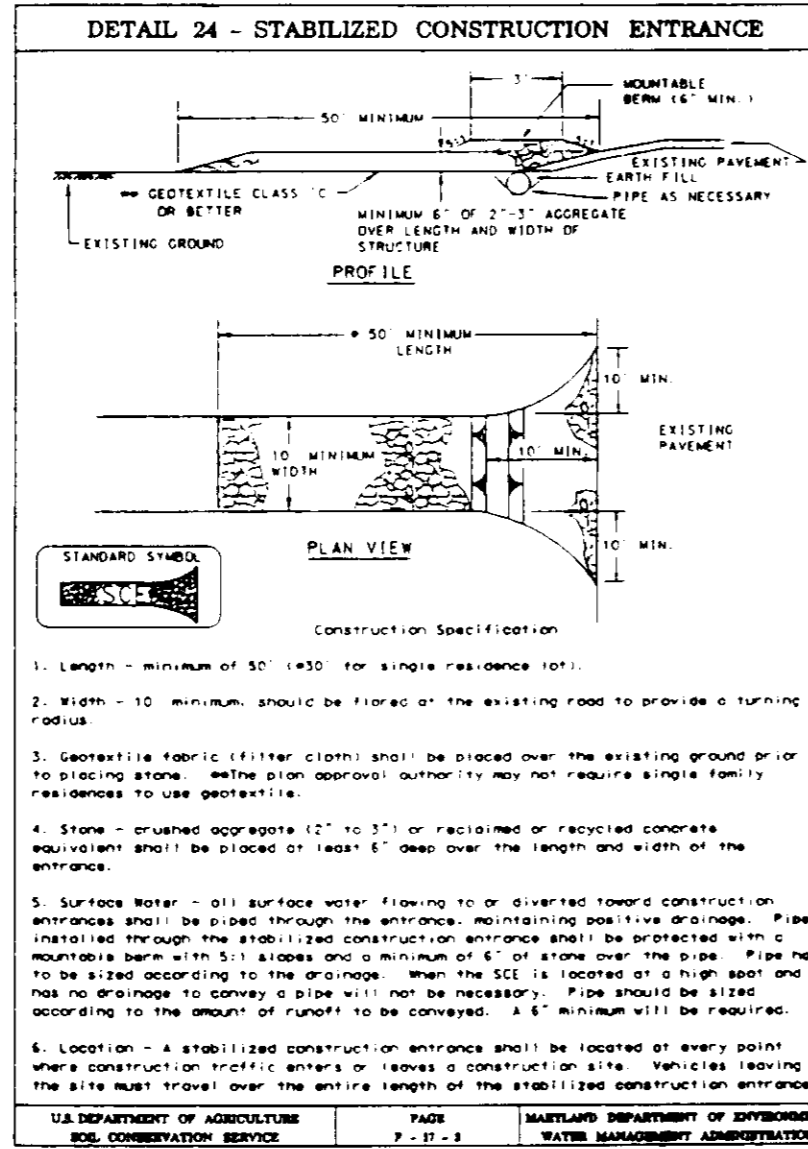
SEEDBED PREPARATION: --- Loosen upper three inches of soil by raking, disking, or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: --- Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000sq. ft.).

SEEDING --- For periods March 1 thru April 30, and from August 15 thru October 15 seed with 2-12 bushels per acre of annual rye (3.2 lbs/1000sq. ft.). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (0.7 lbs/1000sq. ft.). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

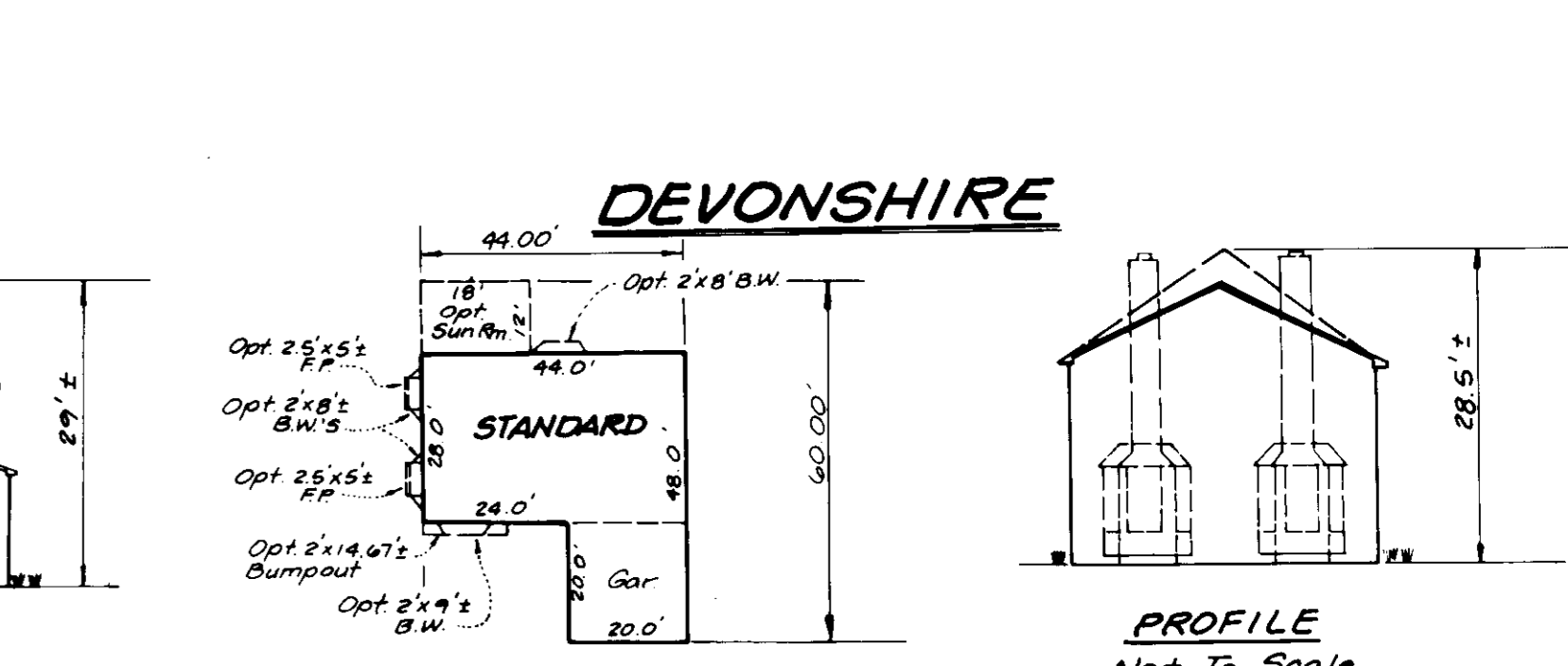
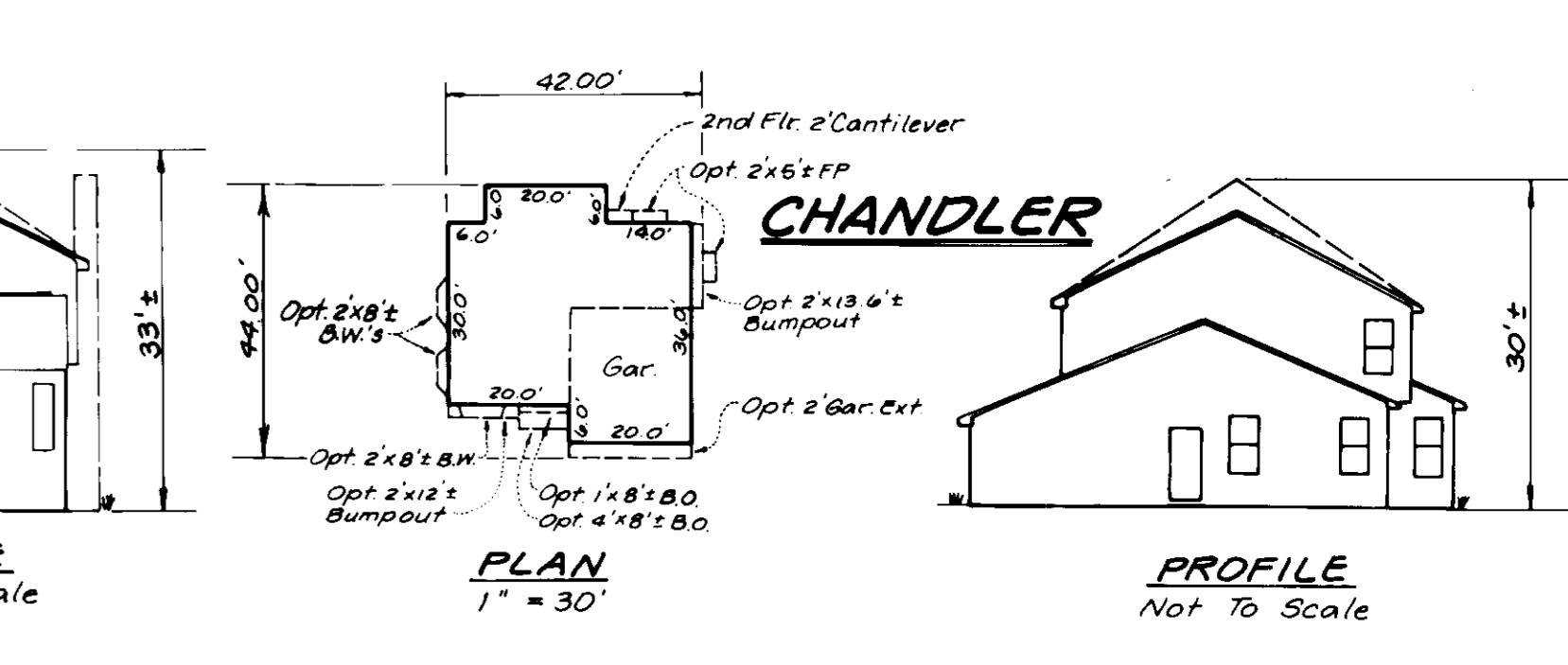
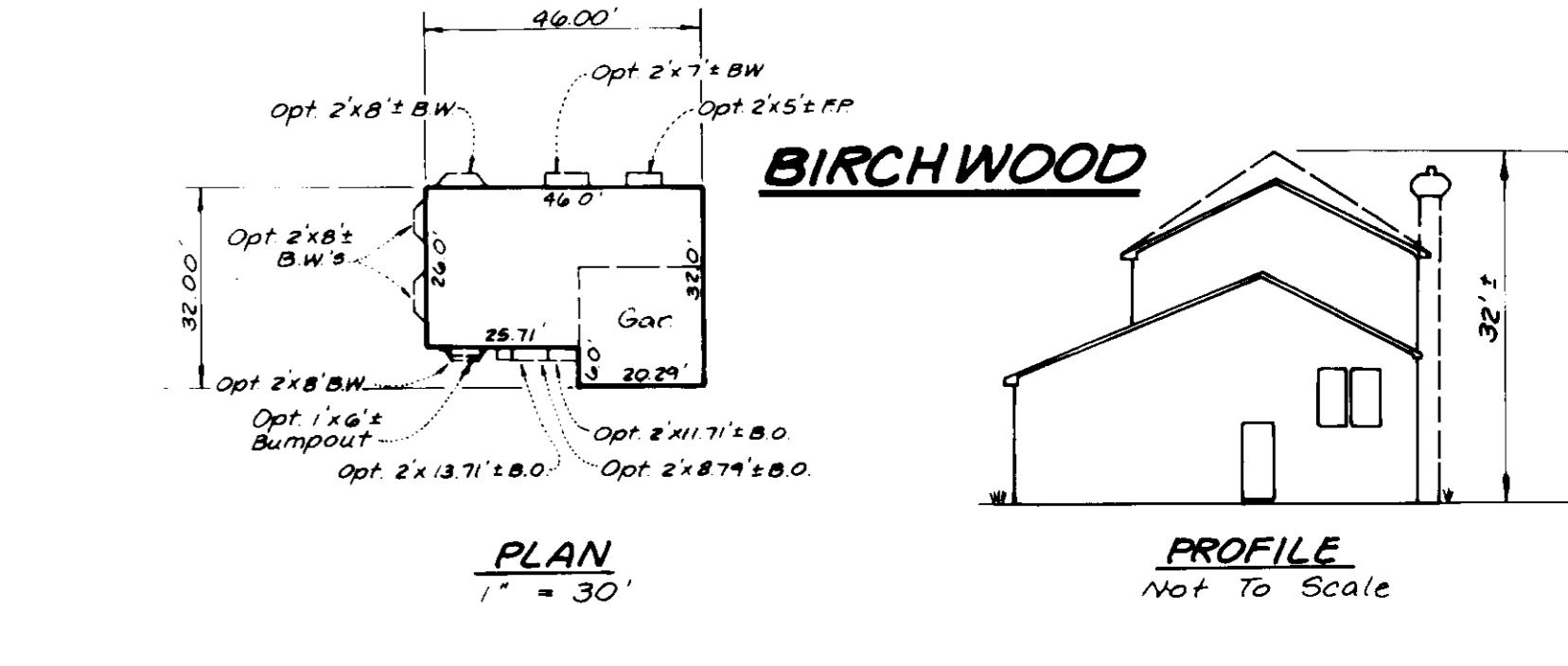
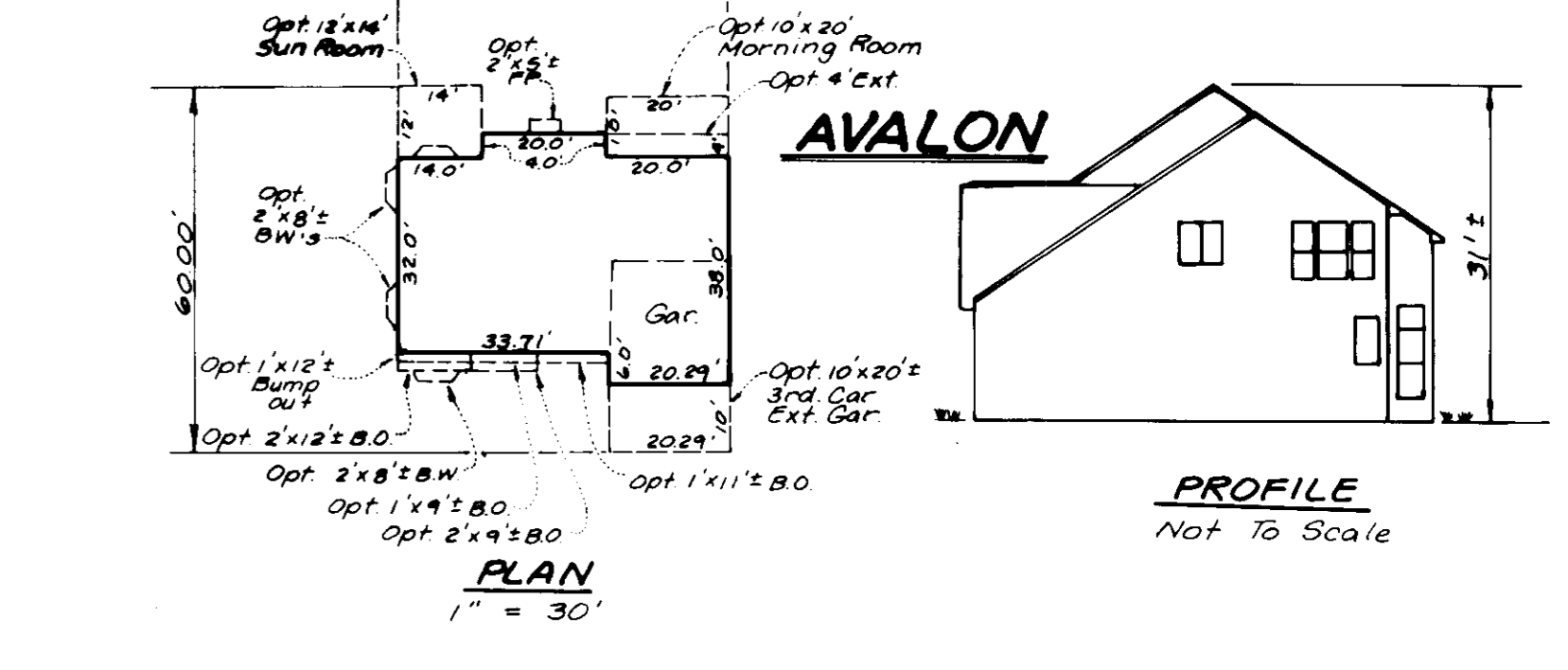
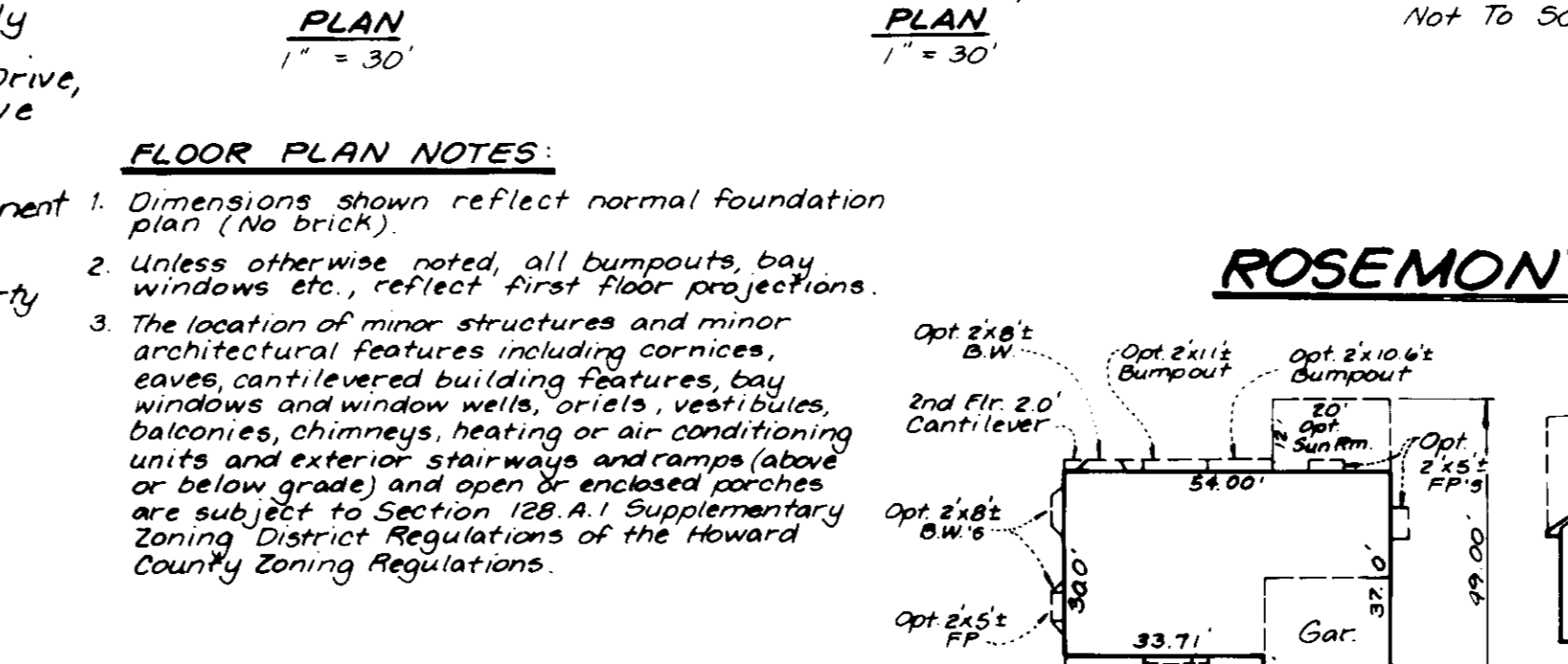
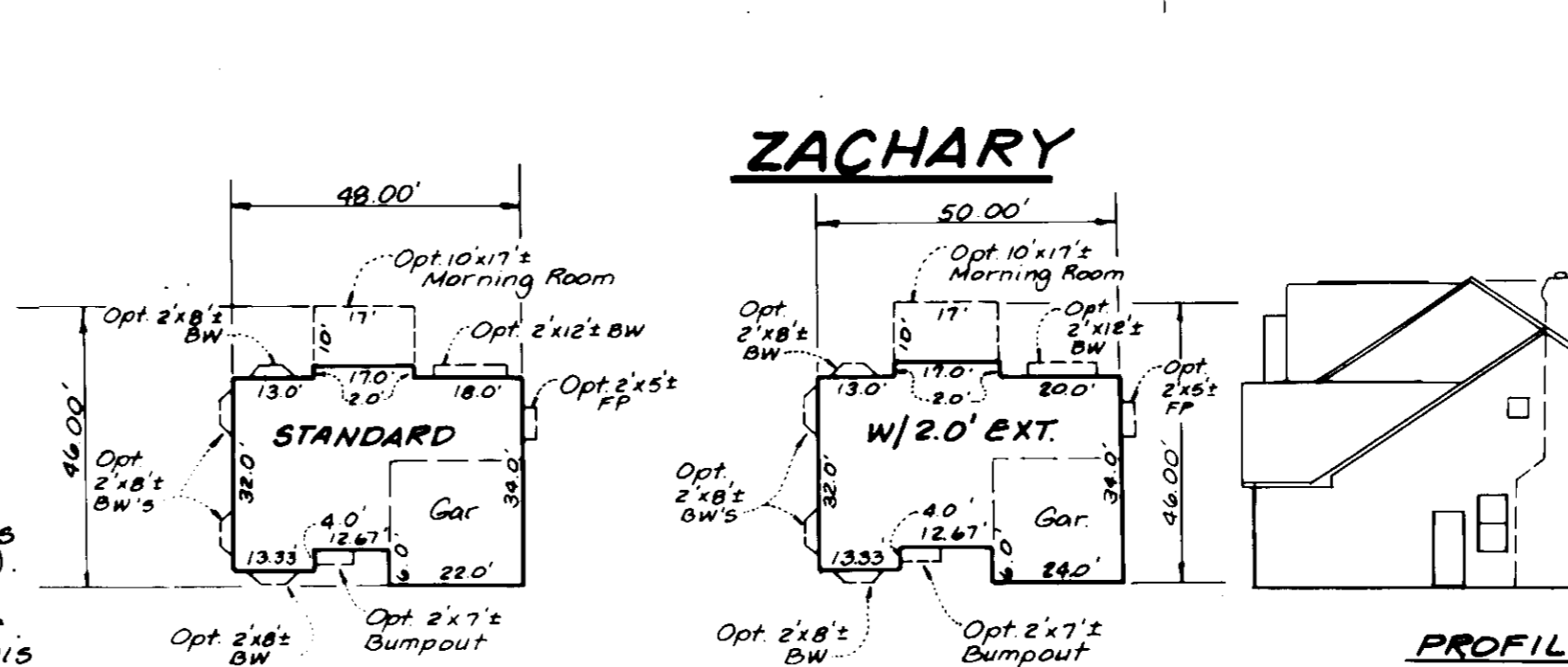
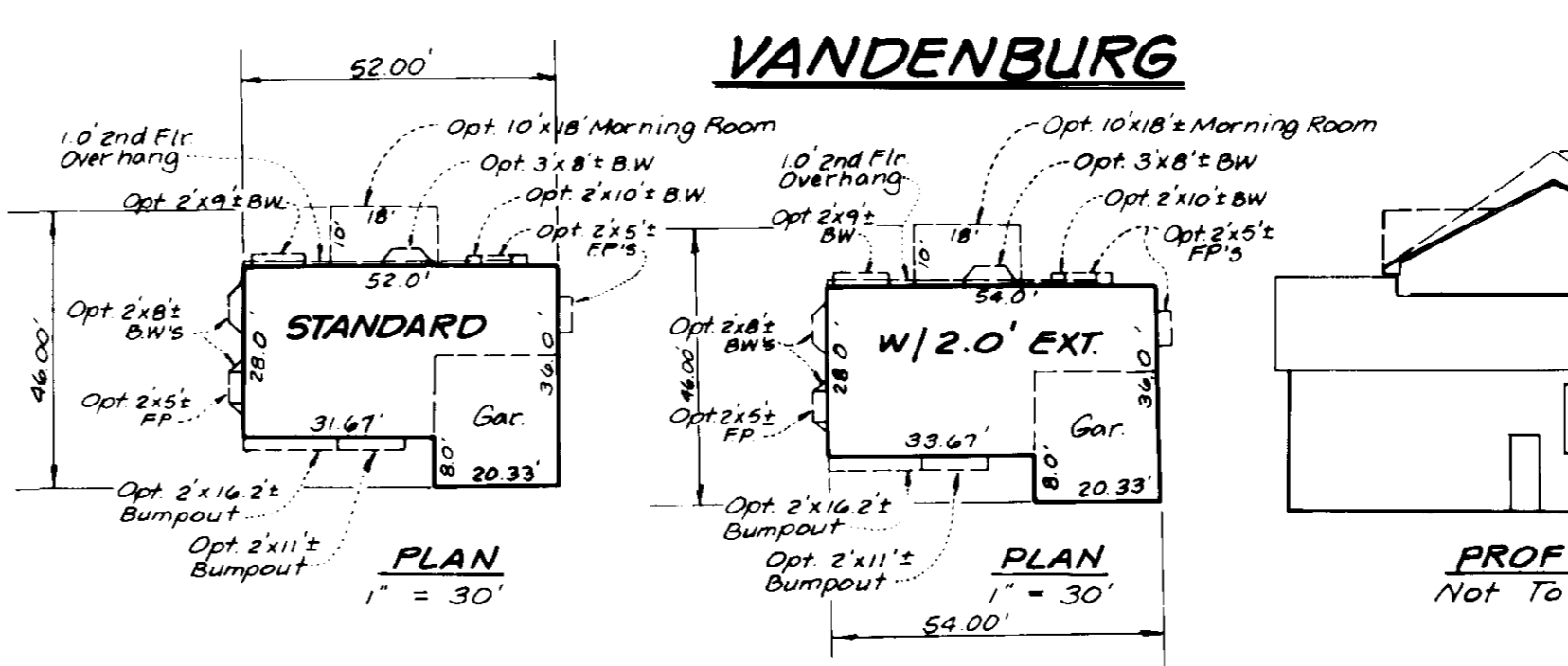
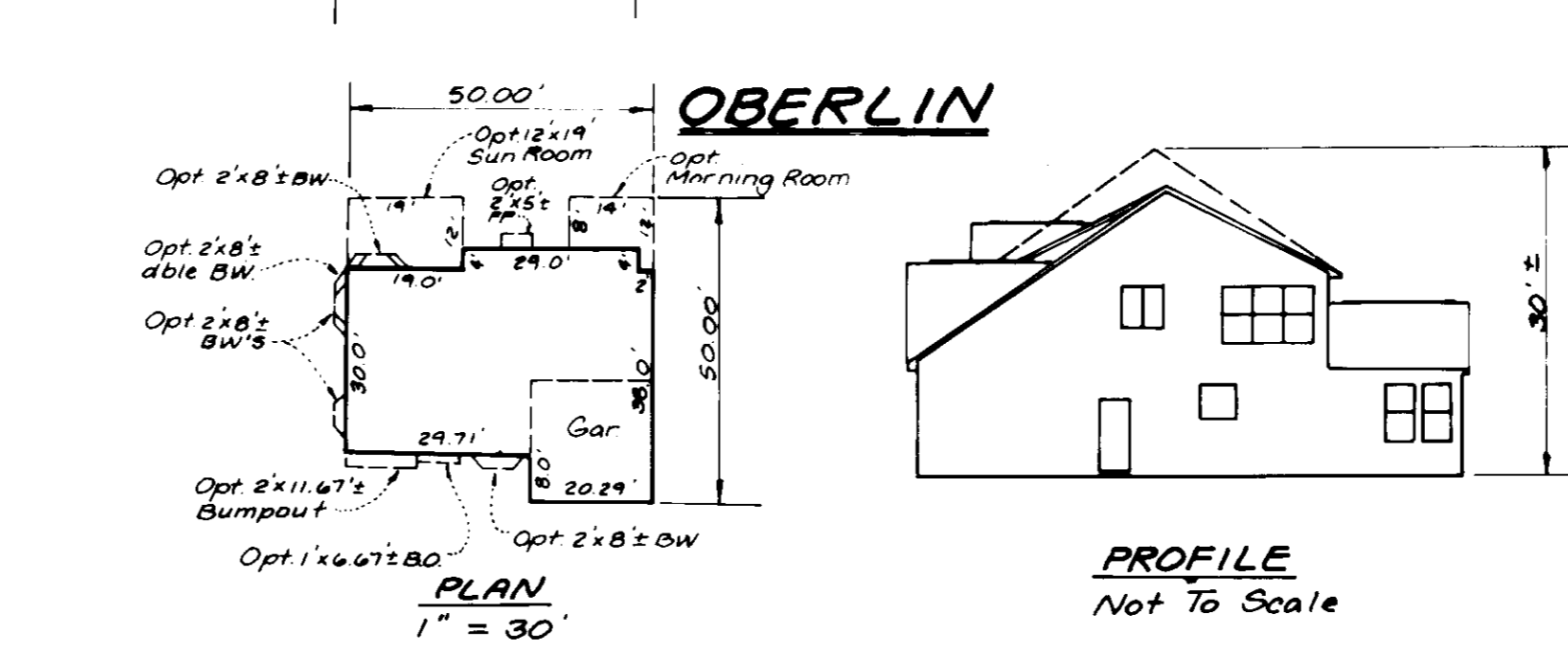
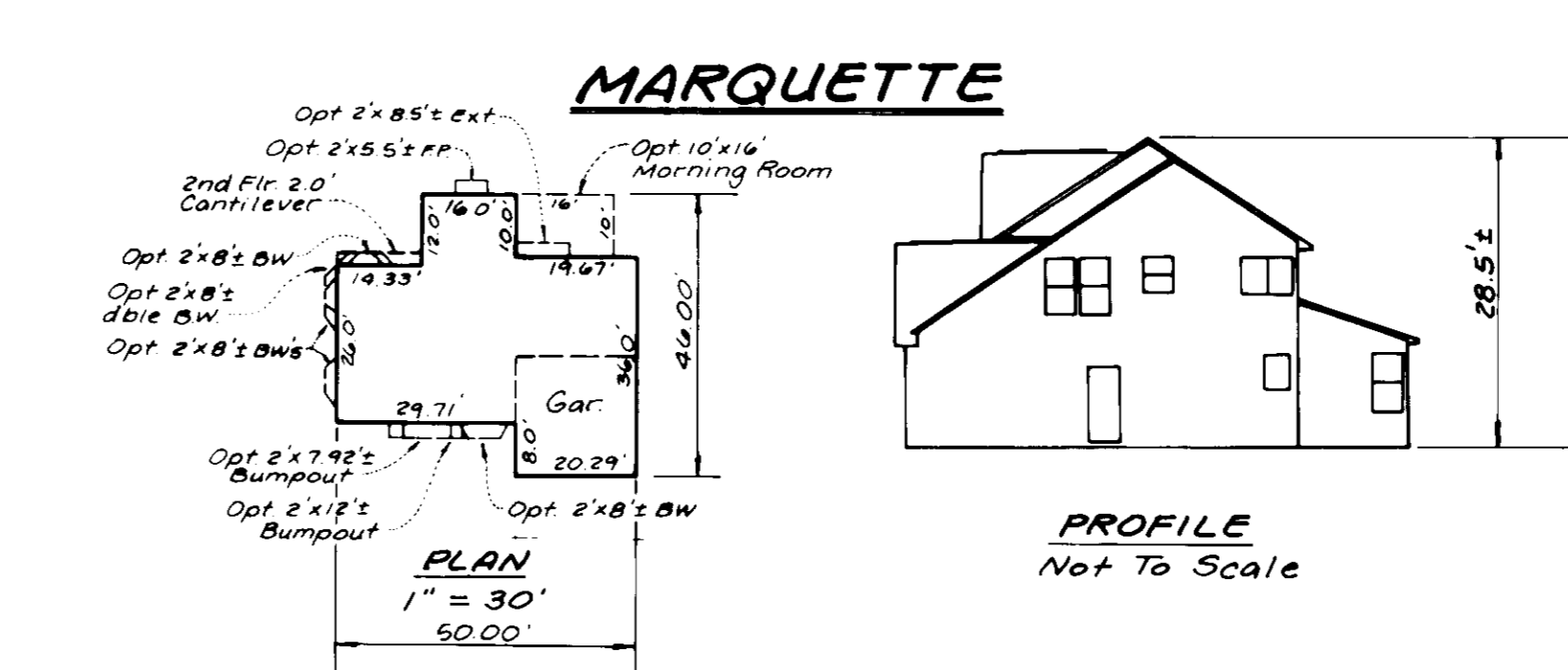
MULCHING --- Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000sq. ft.) of unwetted weed free small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000sq. ft.) for anchoring.

Refer to the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for additional rates and methods not covered.



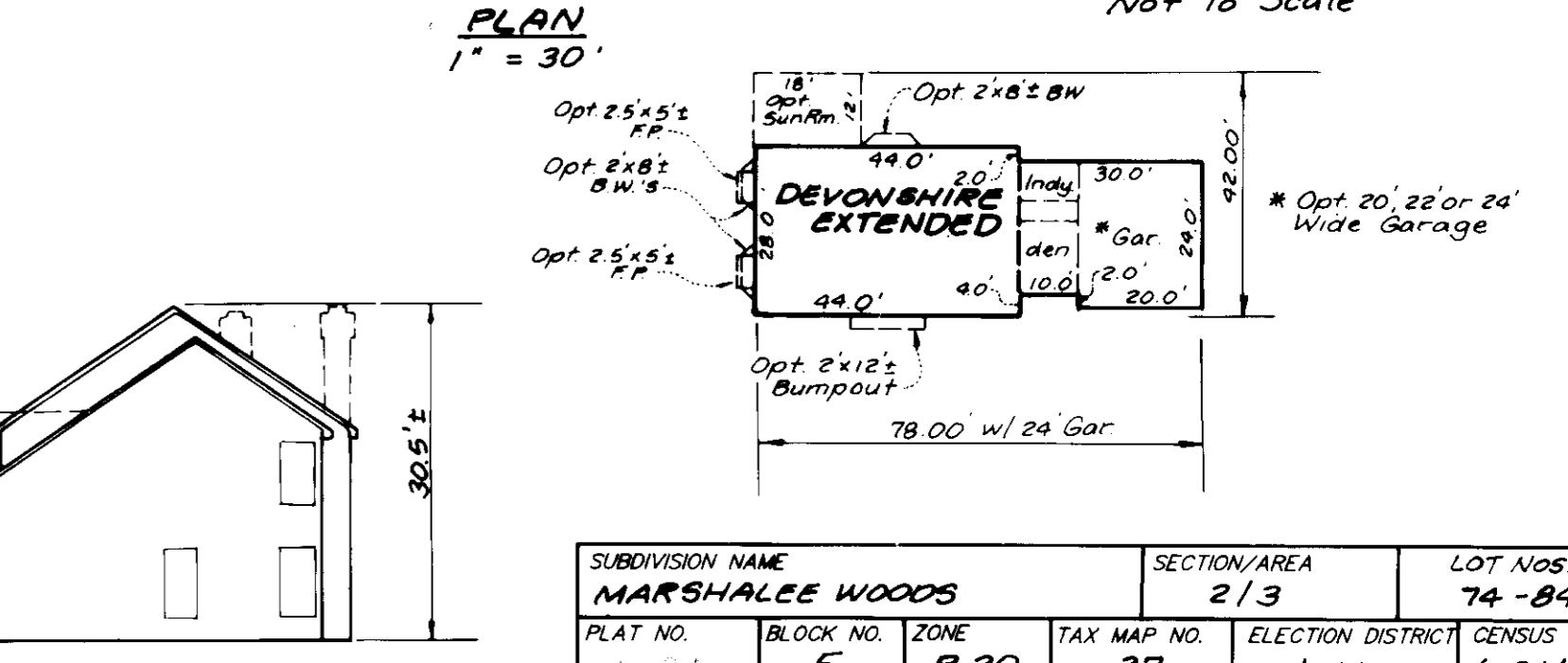
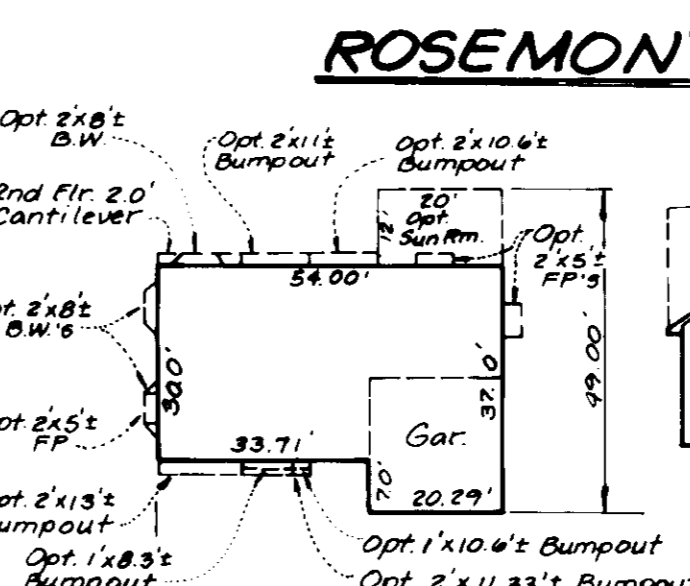
SEQUENCE OF CONSTRUCTION:

- Obtain grading permit (1 day)
- Construct stabilized construction entrances (2 days)
- Install silt fence, tree protection fence and inlet protection (5 days)
- Clear and grub site to subgrade (5 days)
- Begin excavation for house foundations and begin house construction (60 days)
- The contractor shall inspect and provide necessary maintenance on the sediment control devices shown on this plan after each rainfall and on a daily basis.
- Remove sediment from Marshalee Drive, Calvert Drive and Deborah Jean Drive and dress stabilized construction entrances as required (daily).
- Fine grade and stabilize with permanent seeding mixture and straw mulch. Developer (F94-30) to install trees (3) landscape edge trees along eastern property line (5 days).



FLOOR PLAN NOTES:

- Dimensions shown reflect normal foundation plan. (No brick)
- Unless otherwise noted, all bumpouts, bay windows etc., reflect first floor projections.
- The location of minor structures and minor architectural features including cornices, eaves, cantilevered building features, bay windows and window wells, porches, vestibules, balconies, chimneys, heating or air conditioning units and exterior stairways and ramps (above or below grade) and open or enclosed porches are subject to Section 128 A.1 Supplementary Zoning District Regulations of the Howard County Zoning Regulations.



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 [Signature] 9/13/96
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS.
 [Signature] 9/13/96
 DISTRICT

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 [Signature] 9/13/96
 HOWARD SOIL CONSERVATION DISTRICT

ENGINEER'S CERTIFICATE
 "I HEREBY CERTIFY THAT THIS DEVELOPMENT AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE SOLUTION BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT I WAS PREPARED IN ACCORDANCE WITH REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."
 [Signature] 8/21/96
 ENGINEER

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 DEEMED NECESSARY."
 [Signature] 5/17/96
 DEVELOPER

REVISIONS

NO.	DATE	DESCRIPTION

DESIGNED: K.B.W.
 DRAWN: K.B.W.
 CHECKED: B.D.B.
 DATE: 4/96

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

DESIGNED: K.B.W.
 DRAWN: K.B.W.
 CHECKED: B.D.B.
 DATE: 4/96

SUBDIVISION NAME: MARSHALEE WOODS
 SECTION/AREA: 2/3
 LOT NOS.: 74-84

Tax Map #37 Parcel 593
 1st Election District Howard County, Maryland
 Previous Submittals: S89-80,S89-19,P90-28,P92-17,S88-86
 F93-36,WP91-190,WP94-89,F95-19,P94-07,F96-30

For: Ryan
 Owings Mills, MD 21111
 410-654-0501 FAX 410-654-0600

SCALE: As Shown
 DRAWING: 4 OF 4
 JOB NO.: 96-019
 FILE NO.: SDP96-134