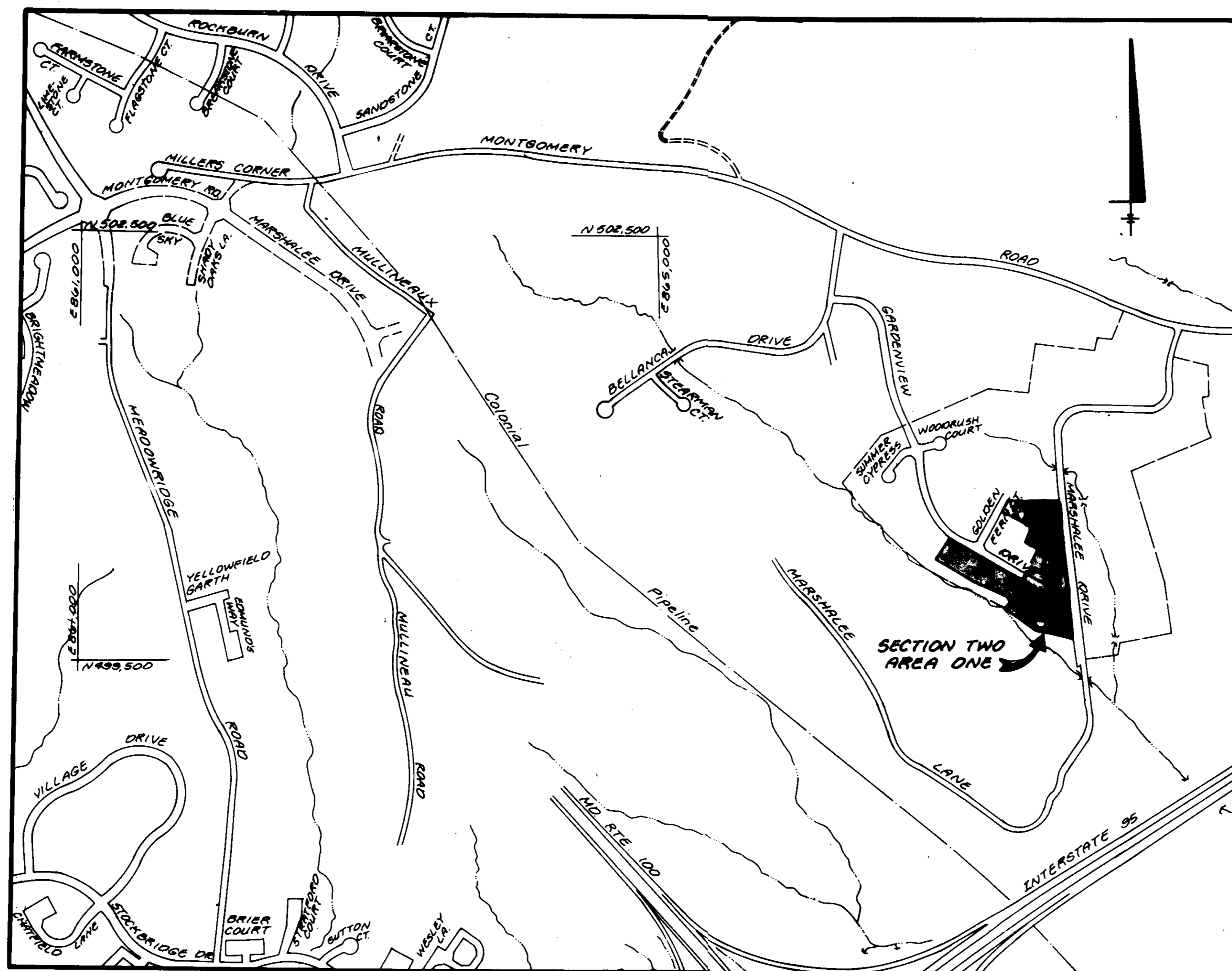


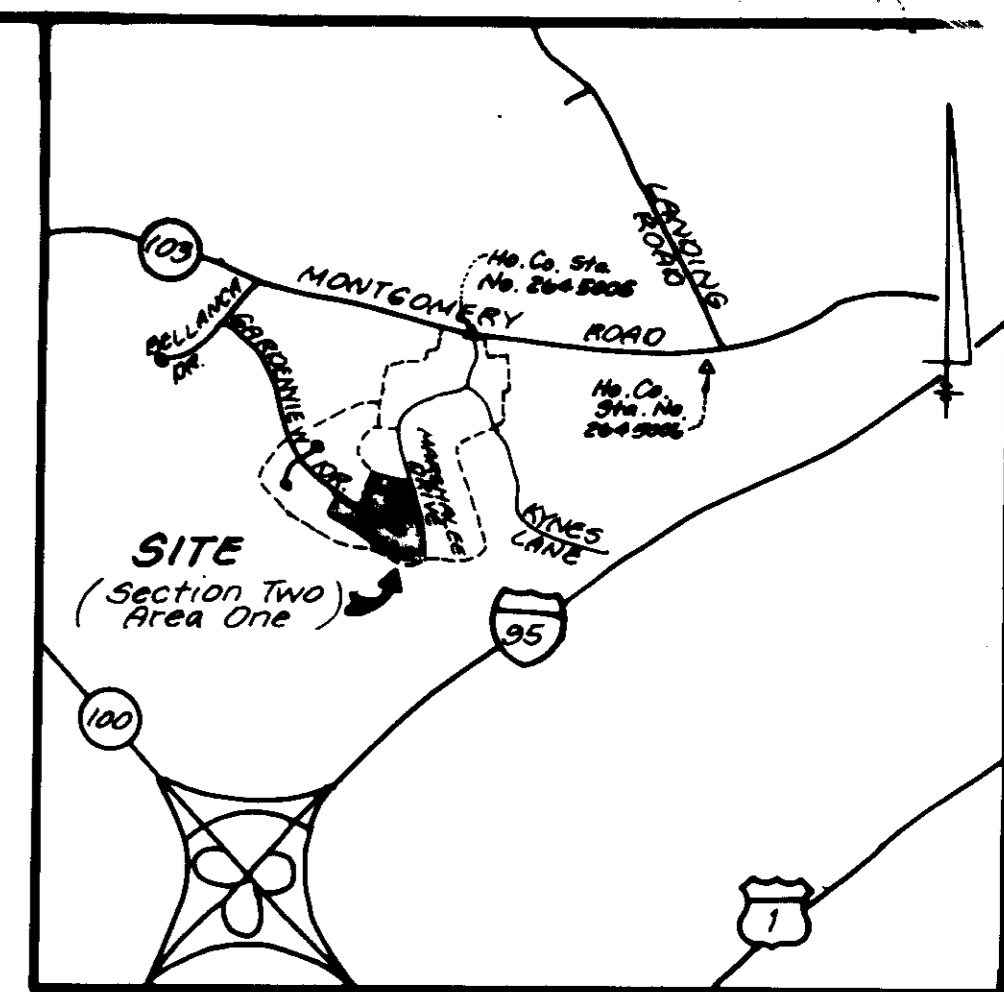
INDEX OF SHEETS	
No	TITLE
1 OF	TITLE SHEET
2 OF	SITE DEVELOPMENT PLAN
3 OF	SITE DEVELOPMENT PLAN
4 OF	SEDIMENT and EROSION CONTROL PLAN
5 OF	SEDIMENT and EROSION CONTROL PLAN
6 OF	SITE and SEDIMENT CONTROL DETAILS



LOCATION MAP.
Scale: 1" = 400'

BENCHMARKS:

- HO. CO. MONUMENT # 2645005 EL. 291.922
Concrete Monument 0.3' below surface at top of bank.
- HO. CO. MONUMENT # 2645006 EL. N/A
Concrete Monument 0.2' below surface at top of bank.



VICINITY MAP
Scale: 1" = 2,000'

NOTES:

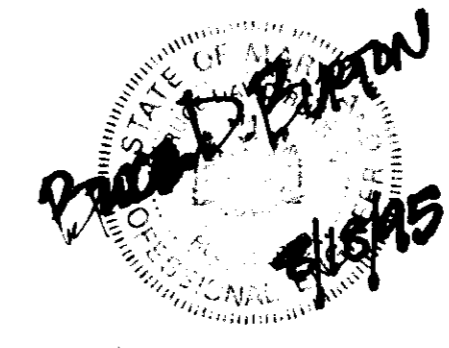
- SITE ANALYSIS:
 - TOTAL AREA OF LOTS: 4.194 AC ± (10 SFD LOTS)
 - PRESENT ZONING OF PROPERTY: R-20 (RESIDENTIAL-SINGLE)
 - PROPOSED USE OF STRUCTURES: RESIDENTIAL-SINGLE FAMILY DETACHED
 - NUMBER OF PARKING SPACES REQUIRED: 20 PROVIDED: 20
 - BUILDING COVERAGE OF SITE: 26,700 SF OR 14.6%
- TYPICAL MINIMUM BUILDING SETBACKS: (PER 1993 ZONING REGULATIONS)
 - FRONT: 30 FEET
 - 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) 313-1880 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 4 S CONTR. # 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 F93-36 AND F95-19. 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 STATIONS Nos. 2645005 AND 2645006 (NAO 27). BOUNDARY SURVEY BY LAND DESIGN ENGINEERING, INC. JULY, 1988.
- STORMWATER MANAGEMENT STUDY FOR THIS SITE WAS REVIEWED AND APPROVED UNDER F93-36 AND F95-19.
- PREVIOUS SUBMISSIONS F93-36, W 4 S CONTR. # 14-3284-D, F94-07, F95-19 AND WF94-89.
- THIS PLAN SUBJECT TO WF94-89 THE PLANNING DIRECTOR GRANTED APPROVAL ON 6/13/95 TO WAIVE SECTION 16.120 (1) TO PERMIT THE REQUIRED COLLECTIVE FRONTAGE OF LOTS 41 AND 42 TO BE REDUCED FROM 24 FEET TO 20 FEET.

SITE DEVELOPMENT PLAN

MARSHALEE WOODS

SECTION TWO AREA ONE

1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND



LOT	STREET ADDRESS	LOT	STREET ADDRESS
45	7408 Gardenview Drive	50	7388 Gardenview Drive
44	7412 Gardenview Drive	49	7392 Gardenview Drive
42	7308 Golden Fern Court	48	7396 Gardenview Drive
41	7312 Golden Fern Court	47	7400 Gardenview Drive
40	7316 Golden Fern Court	46	7404 Gardenview Drive

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.

Edward D. Burton 8/16/95
Signature of Engineer Date

DEVELOPER'S CERTIFICATE
I 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 onsite inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.

Grayson Homes 8/16/95
Signature of Developer Date

Reviewed for Howard County Soil Conservation District and meets technical requirements.
John R. Robertson 8/16/95
Natural Resources Conservation Service Date

This development is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.
APPROVED:
John R. Robertson
Howard Soil Conservation District Date

APPROVED: Department of Public Works for Public Water, Public Sewerage, Storm Drainage Systems and Buiids.
John R. Robertson 8/16/95
Director, Public Works Date

APPROVED: Department of Planning and Zoning
John R. Robertson 8/16/95
Chief Development Engineering Division Date

APPROVED: Howard County Health Department for Public Water and Public Sewerage Systems.
John R. Robertson 8/16/95
Health Officer Date

APPROVED: Department of Planning and Zoning
John R. Robertson 8/16/95
Chief Development Engineering Division Date

APPROVED: Howard County Health Department for Public Water and Public Sewerage Systems.
John R. Robertson 8/16/95
Health Officer Date

REVISIONS	
No.	DATE DESCRIPTION

Property of:	Section/Area	Lot Nos
Marshalee Woods	Two/One	40-42 & 44-50
Plat No. 11702-11704	Block No. 11	Zone R-20
Tax/Zone 37	El. Dist 1st	Census Tract 6011.01
Water Code: D04	Sewer Code: 2153000	

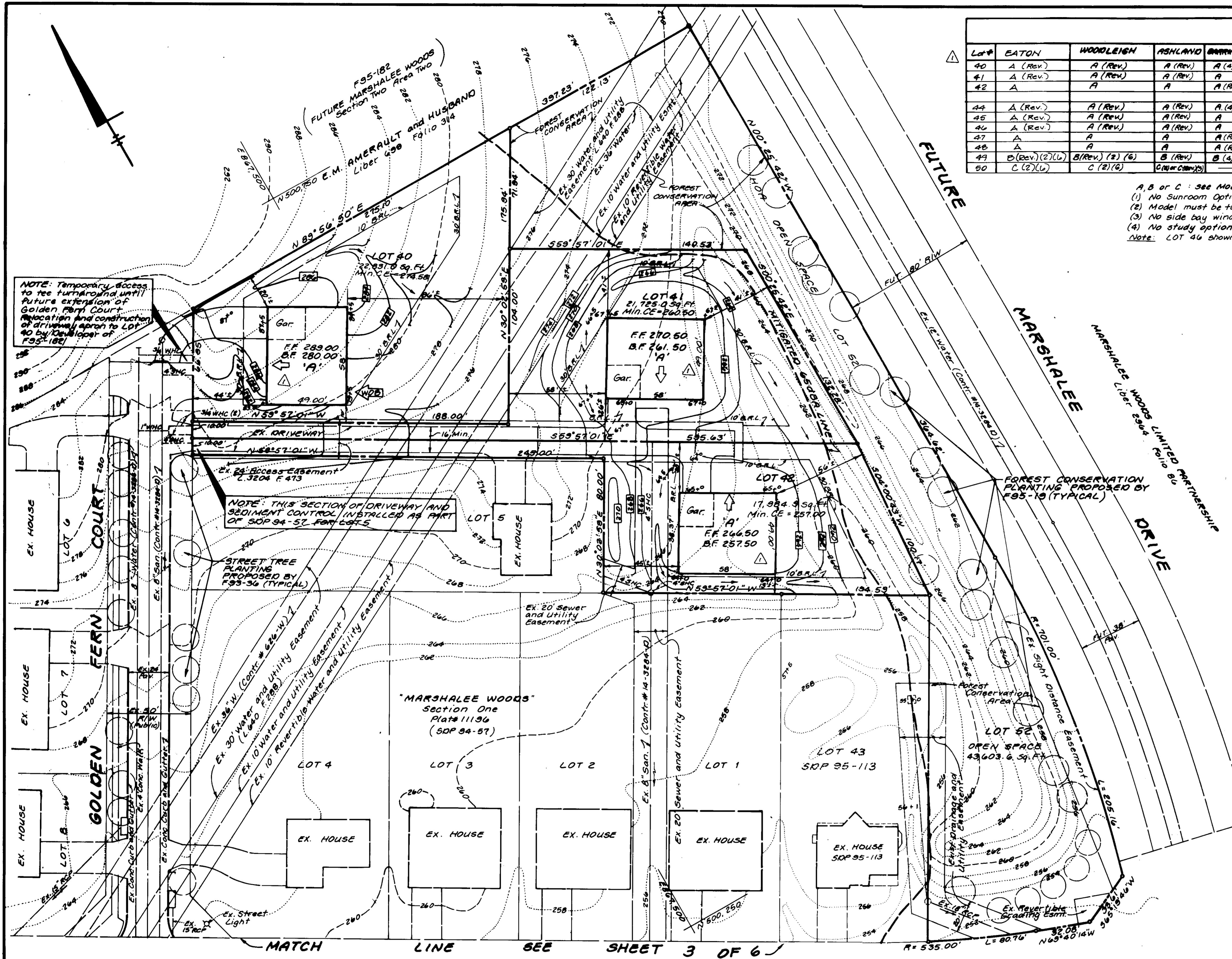
LDI INC.
8835 Columbia 100 Parkway, Unit N, Columbia, MD 21045
(410) 715-1070 • (301) 896-3424 • (410) 715-0681 (fax)

TITLE SHEET
MARSHALEE WOODS
SECTION TWO AREA ONE
LOTS 40-42 and 44-50
Tax Map No. 37 Parcels 593 and 656
1st Election District Howard County, MD
Previous Submittals: 386-46, 389-19, F94-07, F93-36, 2000-01

Designed: B08/KSW
Drawn: KSW
Checked: B08
Date: June, 1995

Scale: As Shown
Drawing: 1 of 6
Job No: 95-025
File No:

MARSHALEE WOODS LIMITED PARTNERSHIP
8835 - P Columbia 100 Parkway
Columbia, MD 21045 Phone: (410) 715-0681

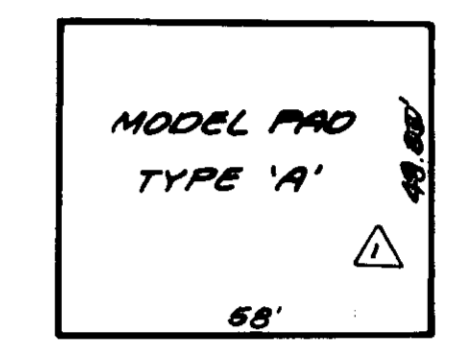


MODEL MATRIX

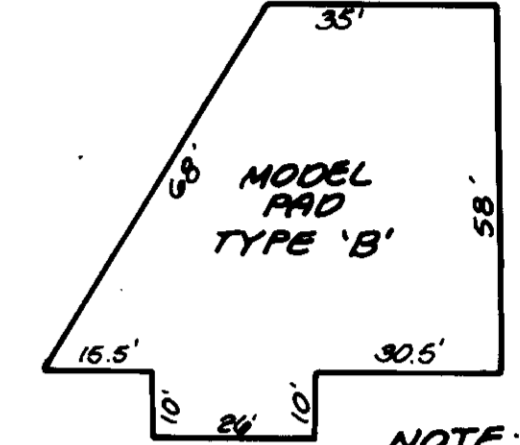
Lot #	EATON	WOODLEIGH	ASHLAND	BRANTFORD	BLAIR	LANFORTH	FIELSTONE	TOWNSEND	WHITTIER	BRECKENRIDGE	DICKINSON	GREYSTONE	WETHERBURN
40	A (Rev)	A (Rev)	A (Rev)	A (4)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)
41	A (Rev)	A (Rev)	A (Rev)	A	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)
42	A	A	A	A (Rev)	A	A	A	A	A	A	A	A	A
44	A (Rev)	A (Rev)	A (Rev)	A (4)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)(3)	A (Rev)	A (Rev)	A (Rev)
45	A (Rev)	A (Rev)	A (Rev)	A	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)
46	A (Rev)	A (Rev)	A (Rev)	A	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)
47	A	A	A	A (Rev)	A	A	A	A	A	A	A	A	A
48	A	A	A	A (Rev)	A	A	A	A	A	A	A	A	A
49	B (Rev)(2)(L)	B (Rev)(3)(G)	B (Rev)	B (4)	B (Rev)	B (Rev)	B (Rev)	B (Rev)	B (Rev)	B (Rev)(4)(E)	B (Rev)	B (Rev)	B (Rev)
50	C (2)(L)	C (2)(G)	C (Rev)(G)	C (4)	C (2)(G)	C (Rev)(G)	C (2)	C (2)	C (2)	C (2)	C (2)	C (2)	C (2)

- A, B or C: See Model Pad Types below
- (1) No Sunroom Option
 - (2) Model must be turned 90°
 - (3) No side bay window
 - (4) No study option
- Note: LOT 46 shown with side entry garage

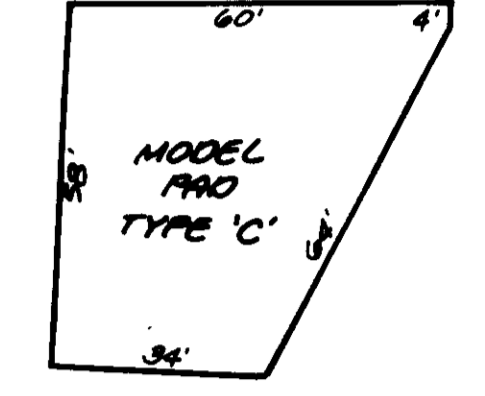
- (5) Remove Rear Family Room Bumpout (Architectural Change)
- (6) No solarium or breakfast room option
- (7) No Wrap-around Porch
- (8) No Family Room Extension
- (9) No In-Law Suite



NOTE: All Models fit within house pad



NOTE: Models fit as shown in matrix



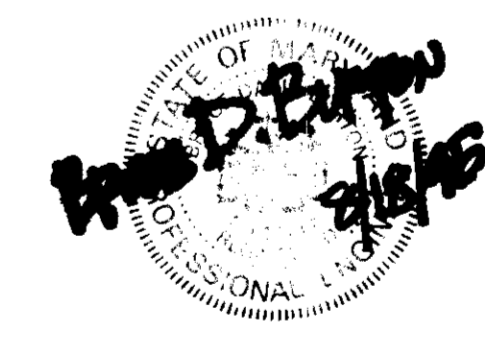
MINIMUM LOT SIZE CHART

LOT #	GROSS AREA	PIPESTEM AREA	REMAINING AREA	100 YEAR FLOODPLAIN	25% SLOPES	MIN. LOT SIZE
41	21,725 S.F.	1,880 S.F.	19,844 S.F.	0	0	19,844 S.F.
42	17,884.5 S.F.	2,450 S.F.	15,434.5 S.F.	0	0	15,434.5 S.F.

Model Matrix (Cont)

Lot #	Stevenson	Wrightshall
40	A (Rev)	A (Rev)
41	A (Rev)	A (Rev)
42	A	A
44	A (Rev)	A (Rev)
45	A (Rev)	A (Rev)
46	A (Rev)	A (Rev)
47	A	A
48	A	A
49	B (Rev)(7)	B (Rev)(7)
50	C (2)(L)	C (2)(G)(X)

Note: See evaluations noted above.



DEVELOPER
GRAYSON HOMES INC.
 8835 Columbia Drive, Suite K, Ellicott City, Maryland 21042

ENGINEER'S CERTIFICATE
 "I hereby certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

Spencer D. Brown
 9/15/95
 Engineer

DEVELOPER'S CERTIFICATE
 "I hereby certify that all development and 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 persons on-site, designated by the Howard Soil Conservation District or their authorized agents as are deemed necessary."

John P. Blanton
 9/15/95
 Director

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

John P. Blanton
 9/15/95
 Director, Public Works

APPROVED: Department of Public Works for Public Water, Public Sewer, Storm Drainage Systems and Easements.

John P. Blanton
 9/15/95
 Director, Public Works

APPROVED: Department of Planning and Zoning.

John P. Blanton
 9/15/95
 Chief, Division of Land Development and Research

APPROVED: Howard County Health Department for public water and public sewerage systems.

John P. Blanton
 9/15/95
 Health Officer

REVISIONS

No.	Date	Description
1	Oct. 1995	Add Eaton Model type and revise house pad 'A' to 41' x 68'
2	8/28/96	Add Stevenson & Wrightshall to Matrix

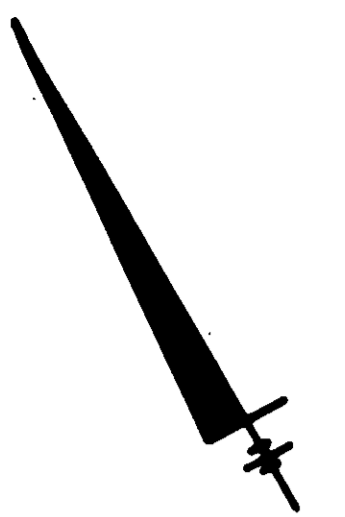
Property of: Marshalee Woods
 Section/Area: Two / One
 Lot Nos.: 40-42 & 44-50
 Plat Ref.: 11704-11704
 Block No.: 11
 Zone: R-20
 Tax/Zone: 37
 El. Dist: 1st
 Census Tract: 601.01
 Water Code: 004
 Sewer Code: 2153000

LDE, INC.
 8835 Columbia 100 Parkway, Unit N, Columbia, MD 21045
 (410) 715-1070 (Balto.) (301) 998-3424 (Wash.) (410) 715-0981 (Fax)

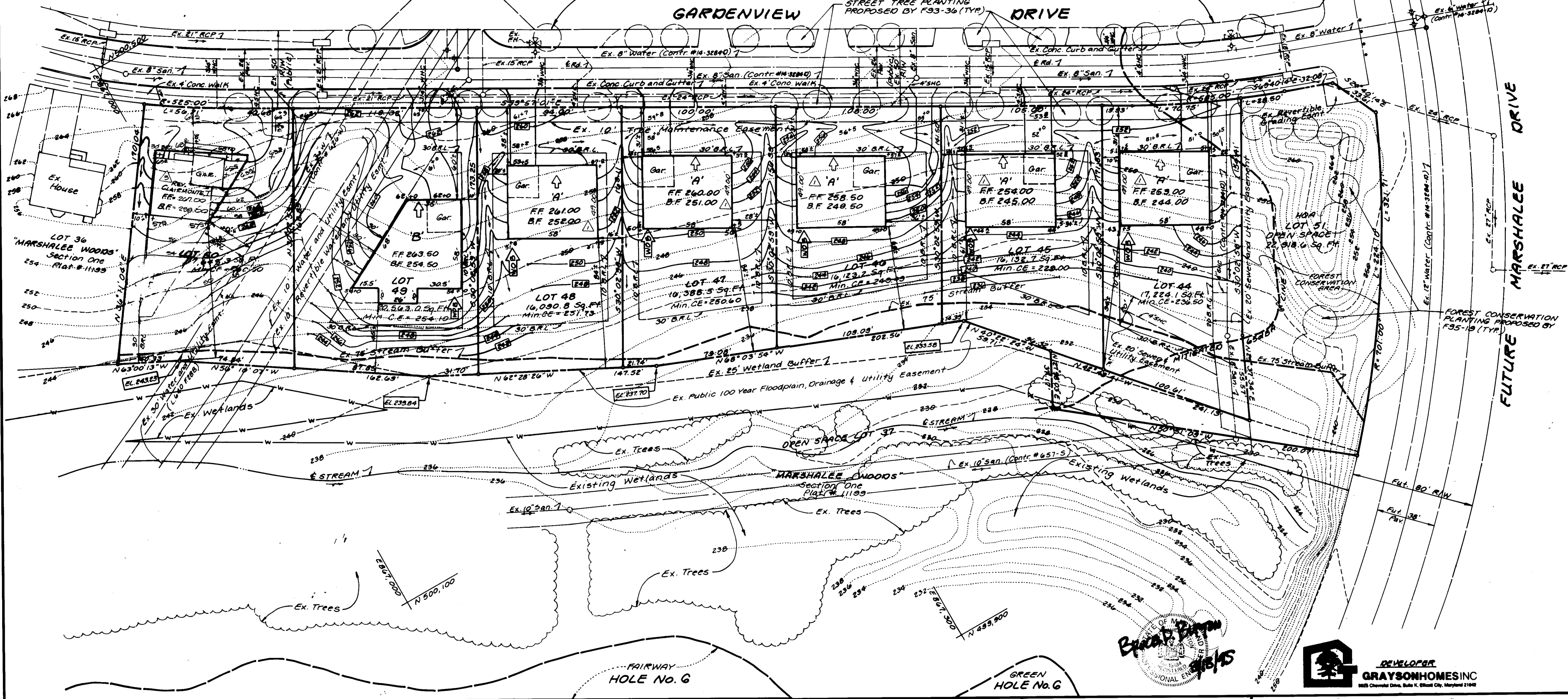
SITE DEVELOPMENT PLAN
MARSHALEE WOODS
 SECTION TWO AREA ONE
 LOTS 40-42 AND 44-50
 Tax Map No. 37 Parcels 593 and 654
 1st Election District Howard County, MD.
 Previous Submittals: 585-08, 389-18, P94-07, F93-34, 585-18

Scale: 1" = 30'
 Drawing: 2 of 6
 Job No.: 85-085
 File No.: MARSHALEE WOODS LIMITED PARTNERSHIP
 8835 P. Columbia, 100 Parkway
 Columbia, MD 21045 Phone: (410) 730-8810

Designed: SDB/MSW
 Drawn: MSW
 Checked: SDB
 Date: June, 1995



MATCH LINE SEE SHEET 2 OF 6



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

Price D. Burton 6/15/95
 Signature of 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 myself or my representative to the Howard Soil Conservation District or their authorized agents as are deemed necessary.

Grayson Homes Inc. 6/15/95
 Signature of Developer

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

Patricia Smith 6/15/95
 Natural Resources Conservation Service Date

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

APPROVED:
Patricia Smith 6/15/95
 District Engineer

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

John J. ... 6/15/95
 Director, Public Works Date

Chief, Bureau of Engineering Date

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

Frank J. ... 6/15/95
 Health Officer Date

APPROVED: Department of Planning and Zoning.

John J. ... 6/15/95
 Chief, Development Engineering Division Date

Jim ... 9/1/95
 Chief, Division of Land Development and Research Date

Frank J. ... 6/15/95
 Planning Director Date

REVISIONS

NO.	Date	Description
1	Oct. 1996	Revise House Pad 'A' to 49' x 68'
2	Oct. 1997	Revise Lot 50 to CLAIMMONTE I RAY
3	Nov. 1997	Lowered Hse. Lot 50.

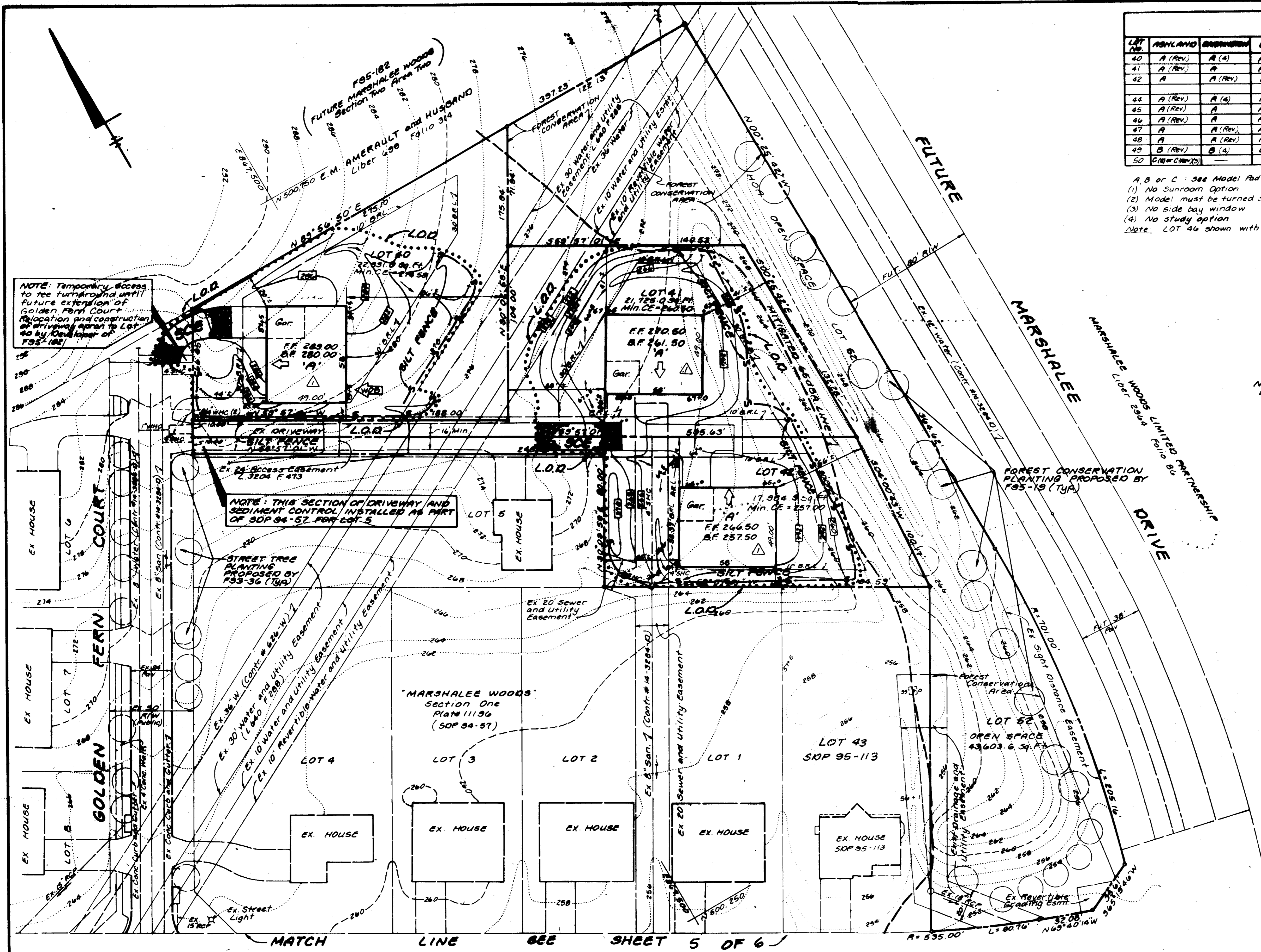
Property of:	Section/Area	Lot Nos.
Marshalee Woods	Two/One	40-42 & 44-50
Flat Ref. Block No.	Zone	Rx/Zone
11702	11	R-20
Water Code:	Sewer Code:	El. Dist.
0 04	2153000	1st
Census Tract:		
6011.01		

LDI, INC.
 8835 Columbia 100 Parkway, Unit N, Columbia, MD 21045
 (410) 715-1070 (Ballo.) (301) 598-3424 (Wash.) (410) 715-0881 (Fax)

SITE DEVELOPMENT PLAN
MARSHALEE WOODS
 SECTION TWO AREA ONE
 LOTS 40-42 AND 44-50
 Tax Map No. 37 Parcels 593 and 654
 1st Election District Howard County, MD.
 Previous Submittals: 85-05, 88-18, 89-01, 93-36

OWNER
 MARSHALEE WOODS LIMITED PARTNERSHIP
 8835 Columbia 100 Parkway
 Columbia, MD 21045 Phone: (410) 715-0810

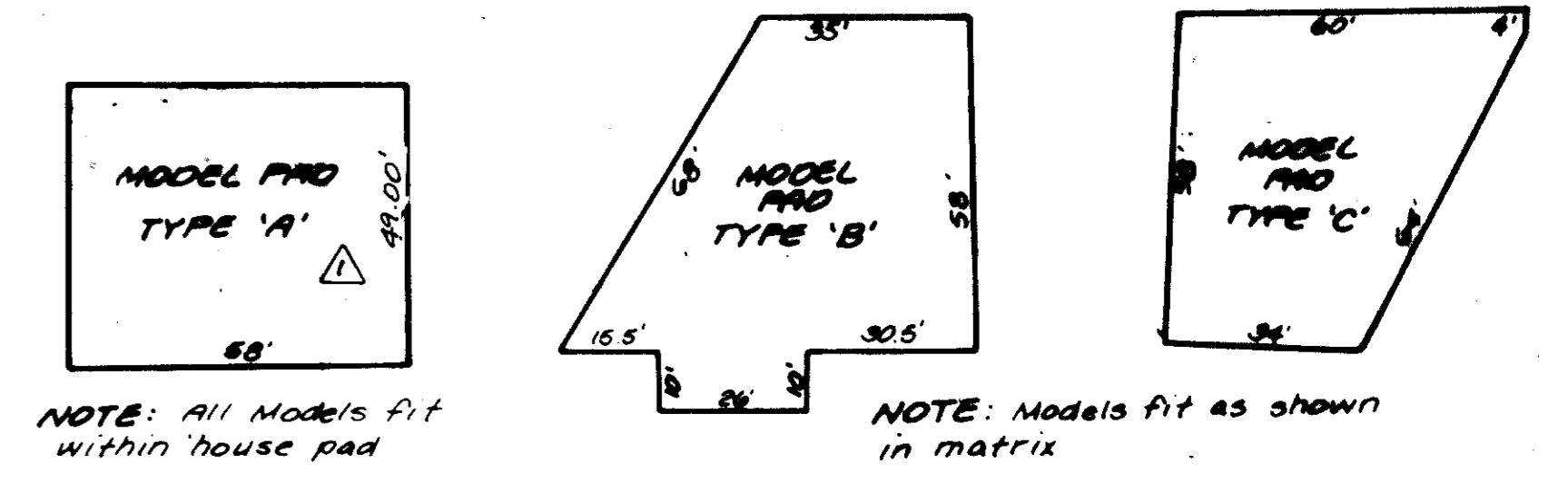
Scale: 1" = 30'
 Drawing: 3 of 6
 Job No: 95-025
 File No:



MODEL MATRIX											
LOT #	ASHLAND	BRISTOL	BLANT	CONVENTY	RELEASES	FRANCO	HUNTER	SHAWNEE	WINDYBROOK	WYSTONE	MARSHALEE
40	A (Rev)	A (A)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)
41	A (Rev)	A	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)
42	A	A (Rev)	A	A	A	A	A	A	A	A	A
44	A (Rev)	A (A)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)
45	A (Rev)	A	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)
46	A (Rev)	A	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)	A (Rev)
47	A	A (Rev)	A	A	A	A	A	A	A	A	A
48	A	A (Rev)	A	A	A	A	A	A	A	A	A
49	B (Rev)	B (A)	B (Rev)	B (Rev)	B (Rev)	B (Rev)	B (Rev)	B (Rev)	B (Rev)	B (Rev)	B (Rev)
50	C (Rev)	C (A)	C (Rev)	C (Rev)	C (Rev)	C (Rev)	C (Rev)	C (Rev)	C (Rev)	C (Rev)	C (Rev)

A, B or C: See Model Pad Types below
 (1) No Sunroom Option
 (2) Model must be turned 90°
 (3) No side bay window
 (4) No study option
 Note: LOT 46 shown with side entry garage

(5) Remove Rear Family Room Bumpout (Architectural Change)
 (6) No solarium or Breakfast Room option



NOTE: All Models fit within house pad
 NOTE: Models fit as shown in matrix

MINIMUM LOT SIZE CHART						
LOT #	GROSS AREA	PIPESTEM AREA	REMAINING AREA	100 YEAR FLOODPLAIN	25% SLOPES	MIN. LOT SIZE
41	2,1725 S.F.	1,880 S.F.	13,844 S.F.	0	0	13,844 S.F.
42	17,084 S.F.	2,450 S.F.	15,534 S.F.	0	0	15,534 S.F.

LEGEND

--- L.O.D. LIMIT OF DISTURBANCE
 --- SILT FENCE
 [SCS] STABILIZED CONSTRUCTION ENTRANCE



DEVELOPER
GRAYSON HOMES INC.
 8835 Columbia Drive, Suite H, Ellicott City, Maryland 21045

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.
 Eric L. Egan 8/18/95
 Signature of 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 parcels on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary.
 [Signature] 8/24/95
 Signature of Developer

Reviewed for Howard County Soil Conservation District and meets technical requirements.
 [Signature] 8/24/95
 Director, Public Works
 Approved: Howard County Health Department for public water and public sewerage systems.
 [Signature] 8/24/95
 Health Officer

APPROVED: Department of Public Works for Public Water, Public Sewerage, Storm Drainage Systems and Parks.
 [Signature] 8/24/95
 Director, Public Works

APPROVED: Department of Planning and Zoning.
 [Signature] 8/24/95
 Chief Development Engineering Division

APPROVED: Department of Planning and Zoning.
 [Signature] 9/1/95
 Chief Division of Land Development and Research

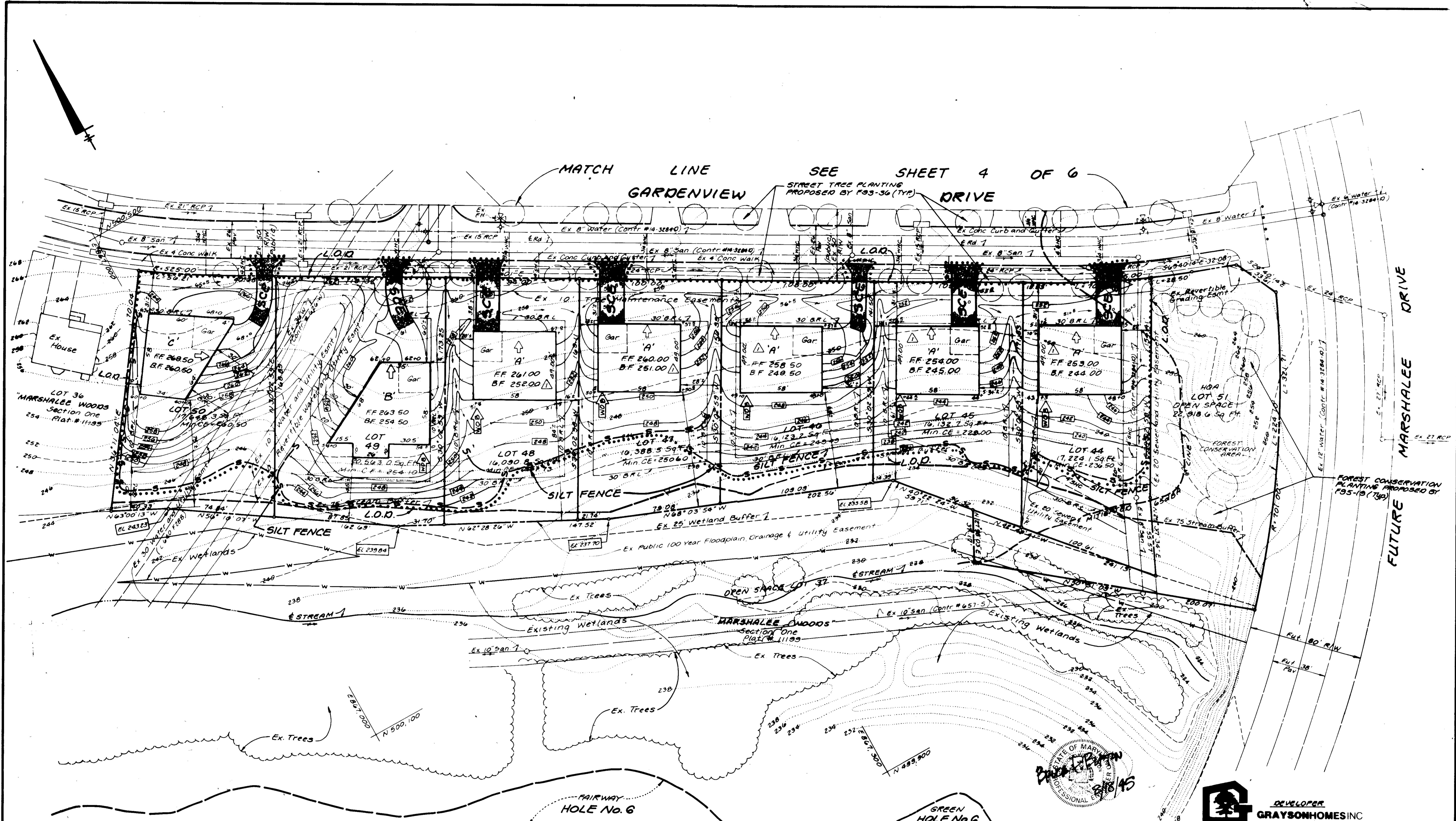
REVISIONS	
No	Date
1	Oct. 1995
Revise House Pad 'A' to 41' x 38'	

LDE, INC.
 8835 Columbia 100 Parkway, Unit N, Columbia, MD 21045
 (410) 715-1070 (Balt.) (301) 286-3424 (Wash.) (410) 715-0881 (Fax)

SEDIMENT AND EROSION CONTROL PLAN
MARSHALEE WOODS
 SECTION TWO AREA ONE
 LOTS 40-42 and 44-5
 Tax Map No. 37 Parcels 533 and 656
 1st Election District Howard County, MD.
 Previous Submittals: 3/95, 6/95, 8/95, 9/95, 10/95, 11/95, 12/95

Designed: BOB/MAN
 Drawn: MBW
 Checked: BOB
 Date: June, 1995

Scale: 1" = 30'
 Drawing: 4 of 6
 Job No: 05-088
 File No:



ENGINEER'S CERTIFICATE
 "I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."
 Signature of Engineer: *Edward D. Burton* 8/18/95
 Date

DEVELOPER'S CERTIFICATE
 "I 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: *Grayson Homes Inc.*
 Date

Reviewed for Howard County Soil Conservation District and meets technical requirements.
 Signature: *John P. Roberts* 8/24/95
 Date
 This development is approved for Erosion and Sediment Control by the Howard Soil Conservation District.
 Signature: *John P. Roberts* 8/24/95
 Date

APPROVED: Department of Public Works for Public Water, Public Sewerage, Storm Drainage Systems and Roads.
 Signature: *John P. Roberts* 8/24/95
 Date
 Director, Public Works
 APPROVED: Howard County Health Department for public water and public sewerage systems.
 Signature: *John P. Roberts* 8/24/95
 Date
 Health Officer

APPROVED: Department of Planning and Zoning.
 Signature: *John P. Roberts* 8/24/95
 Date
 Chief, Planning and Zoning
 APPROVED: Howard County Department of Land Development and Research.
 Signature: *John P. Roberts* 8/24/95
 Date
 Planning Director

REVISIONS

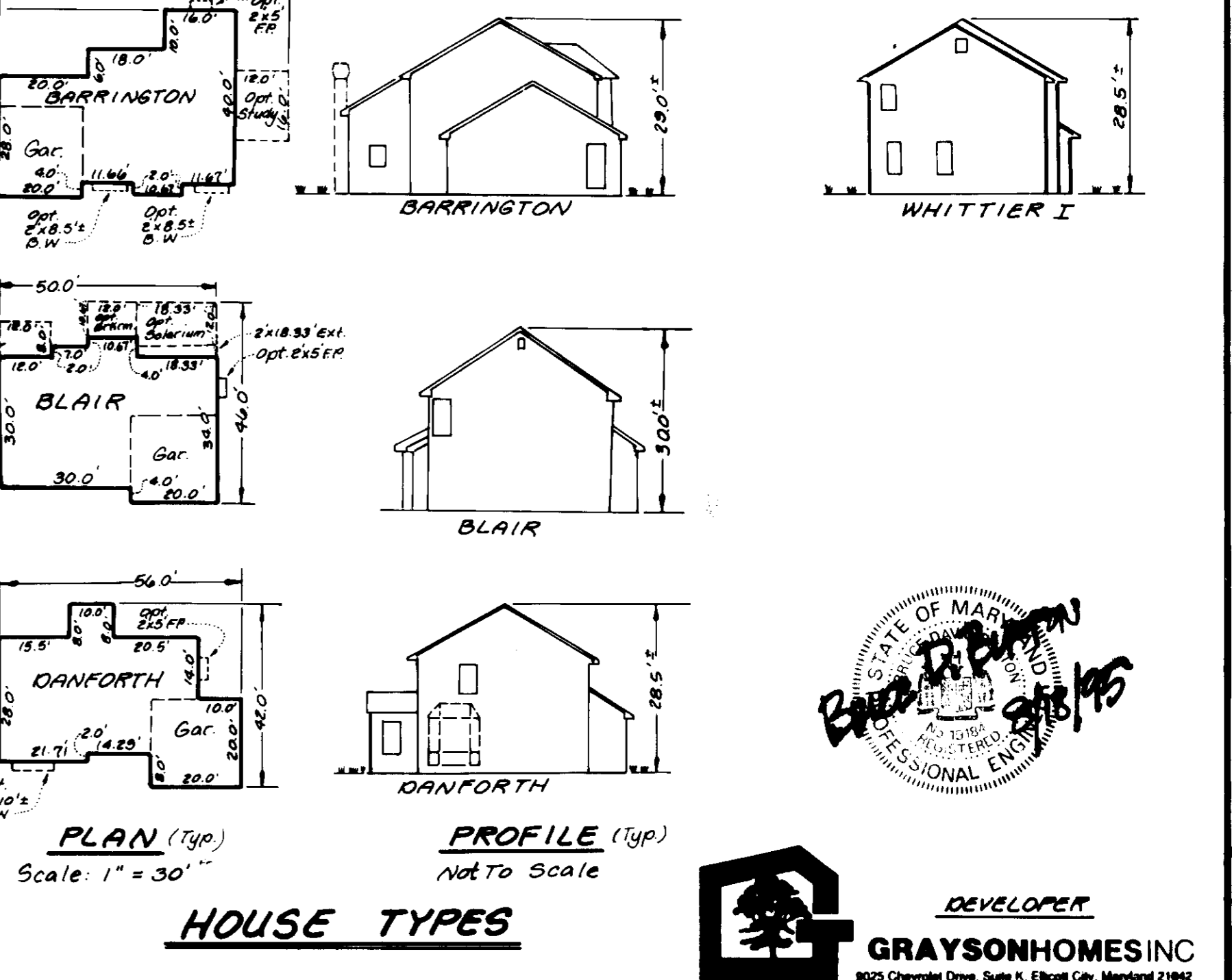
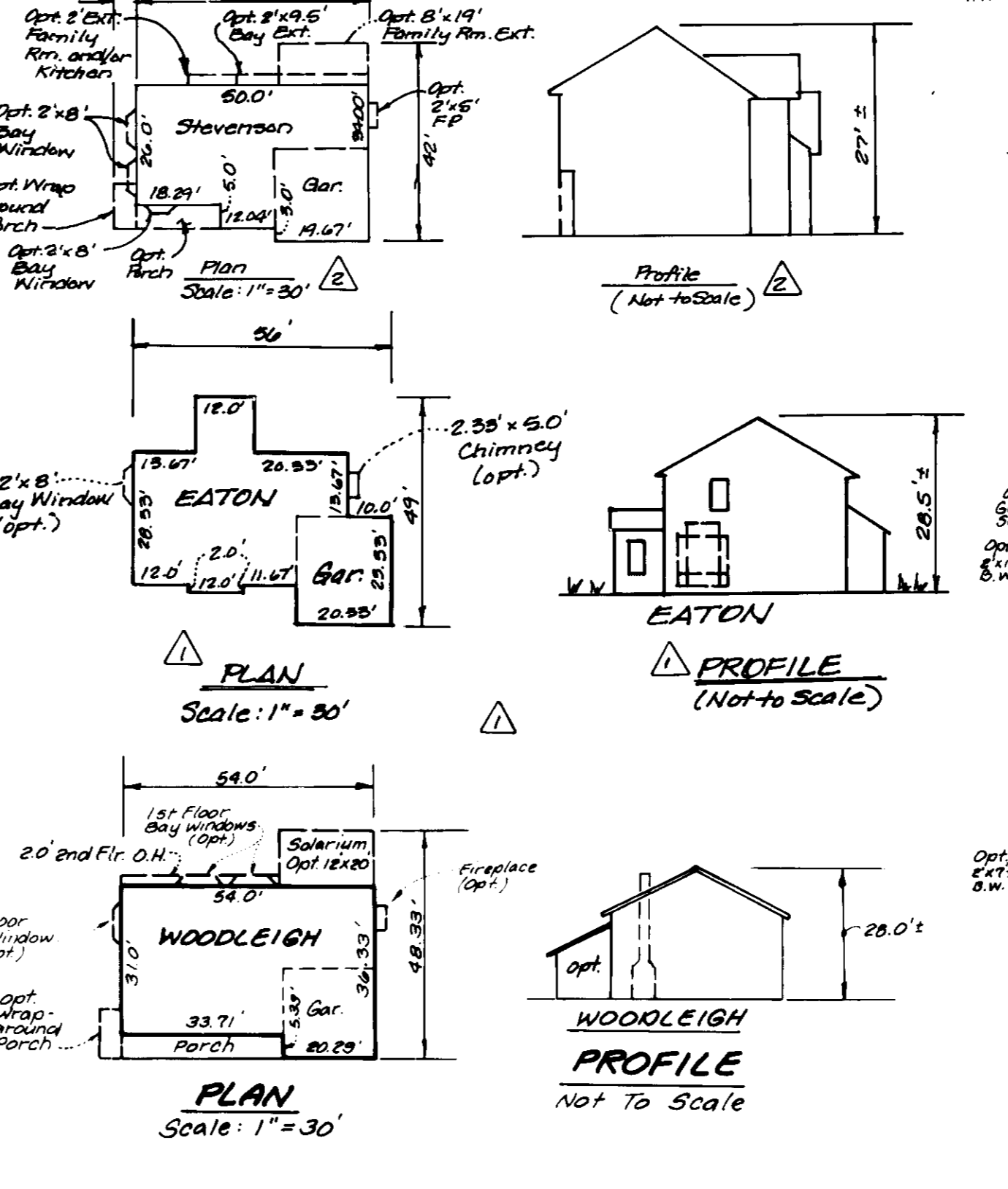
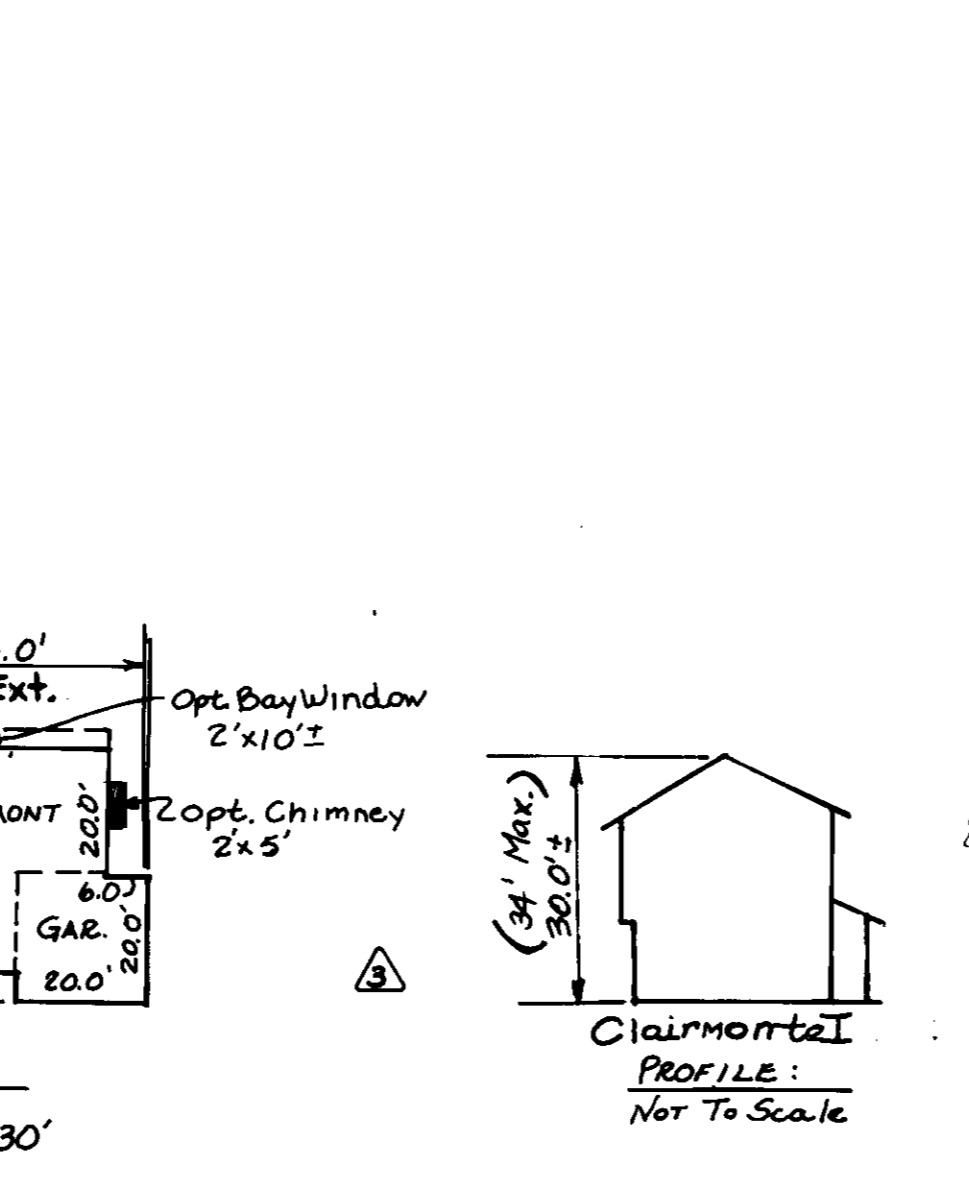
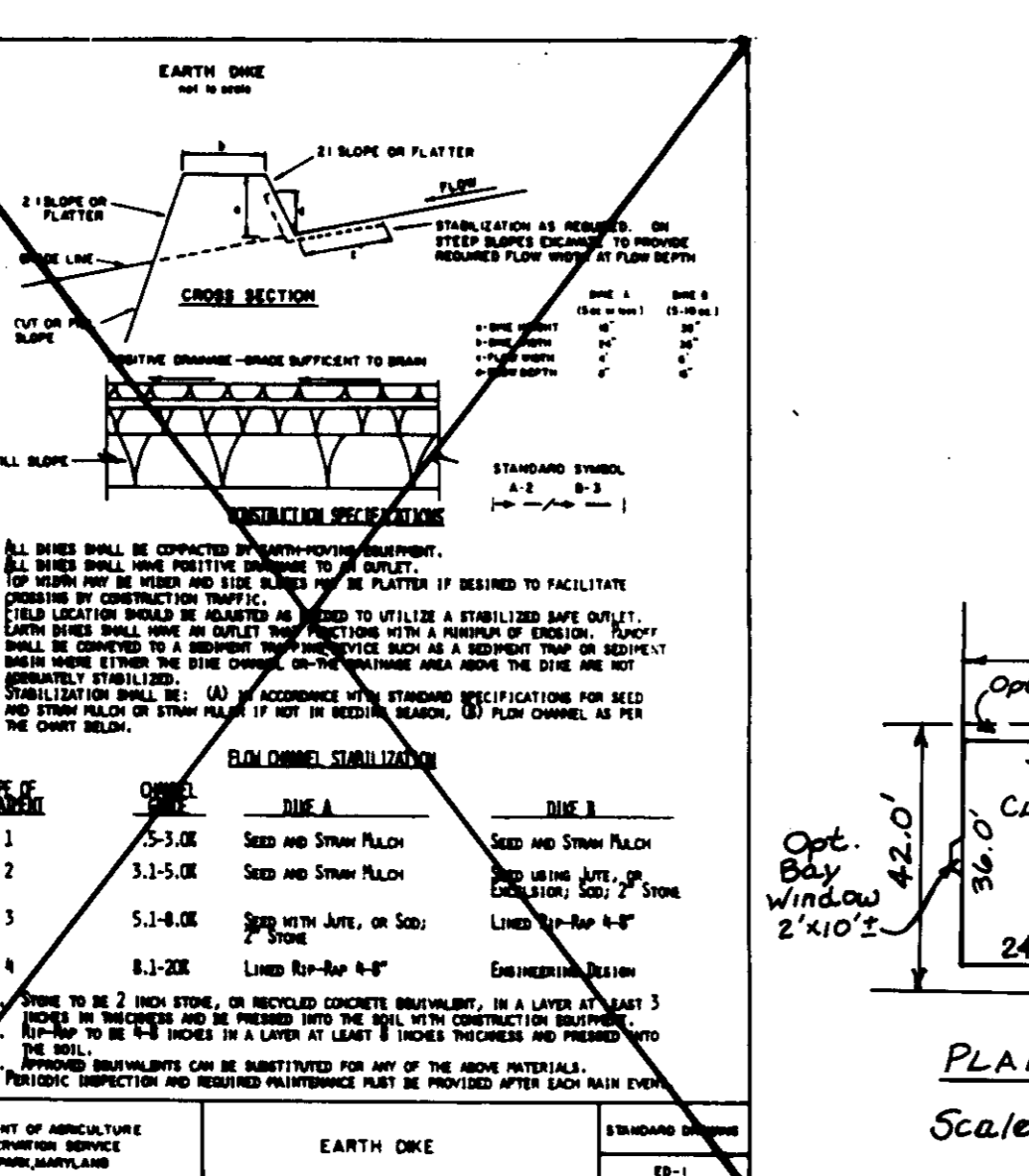
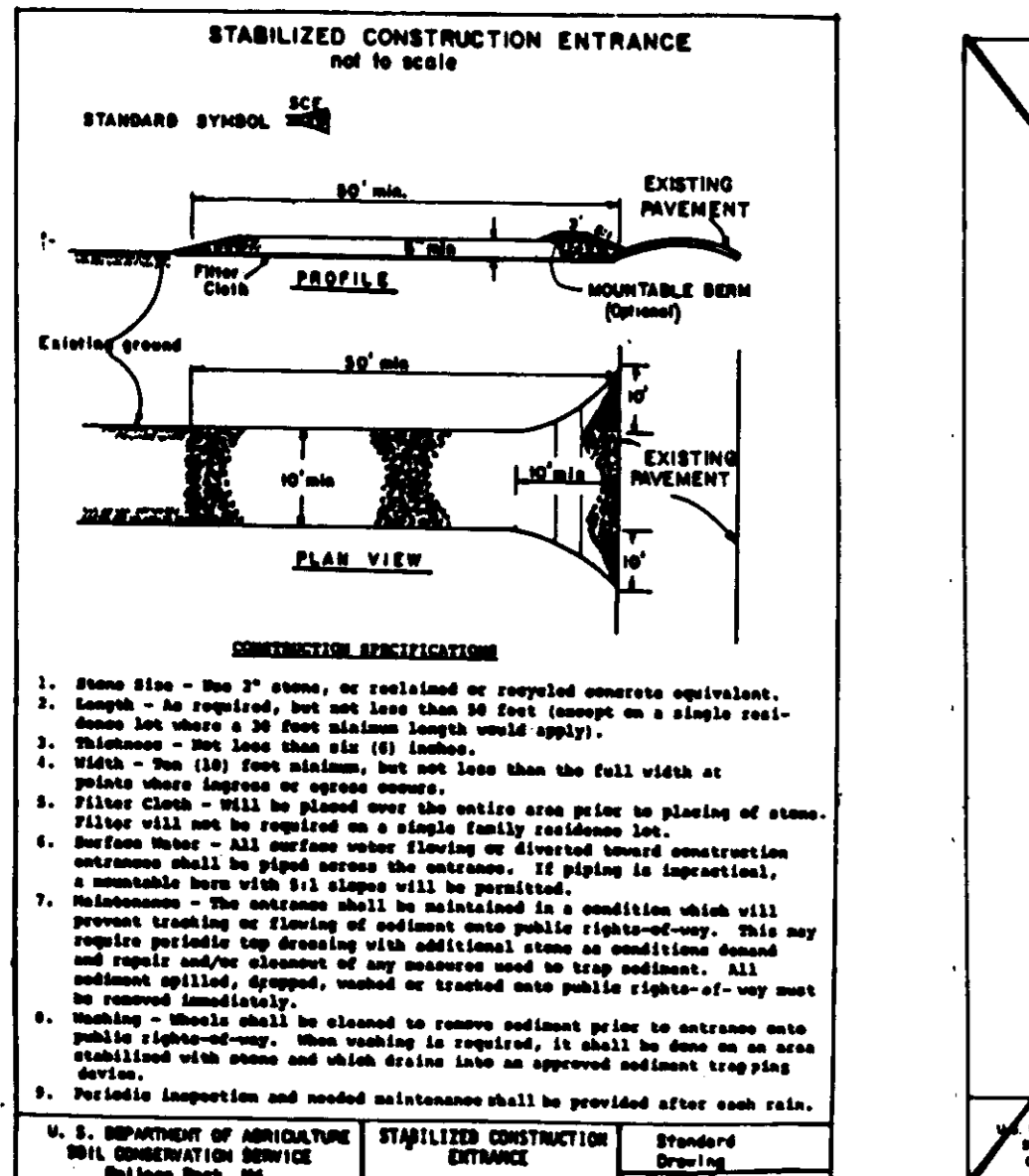
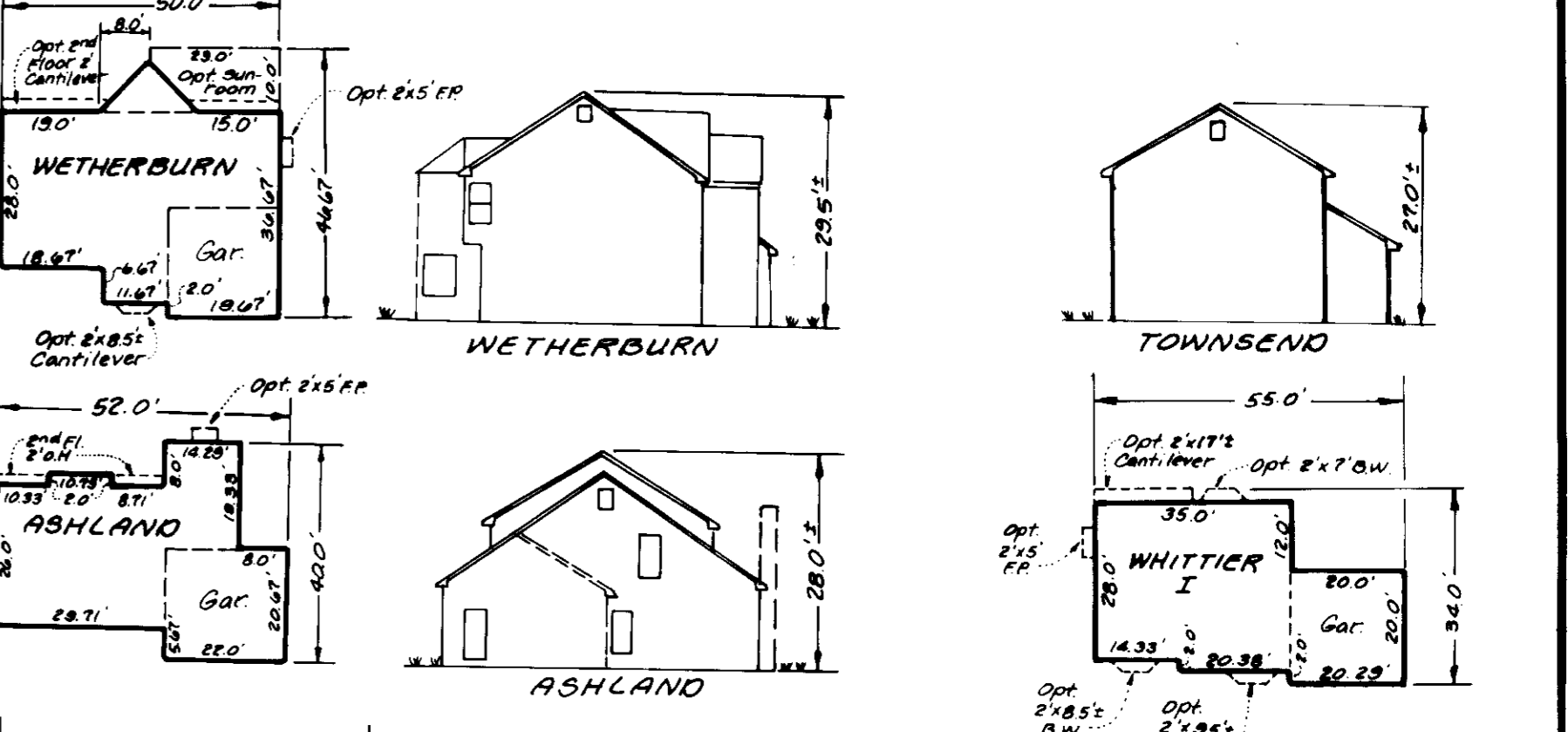
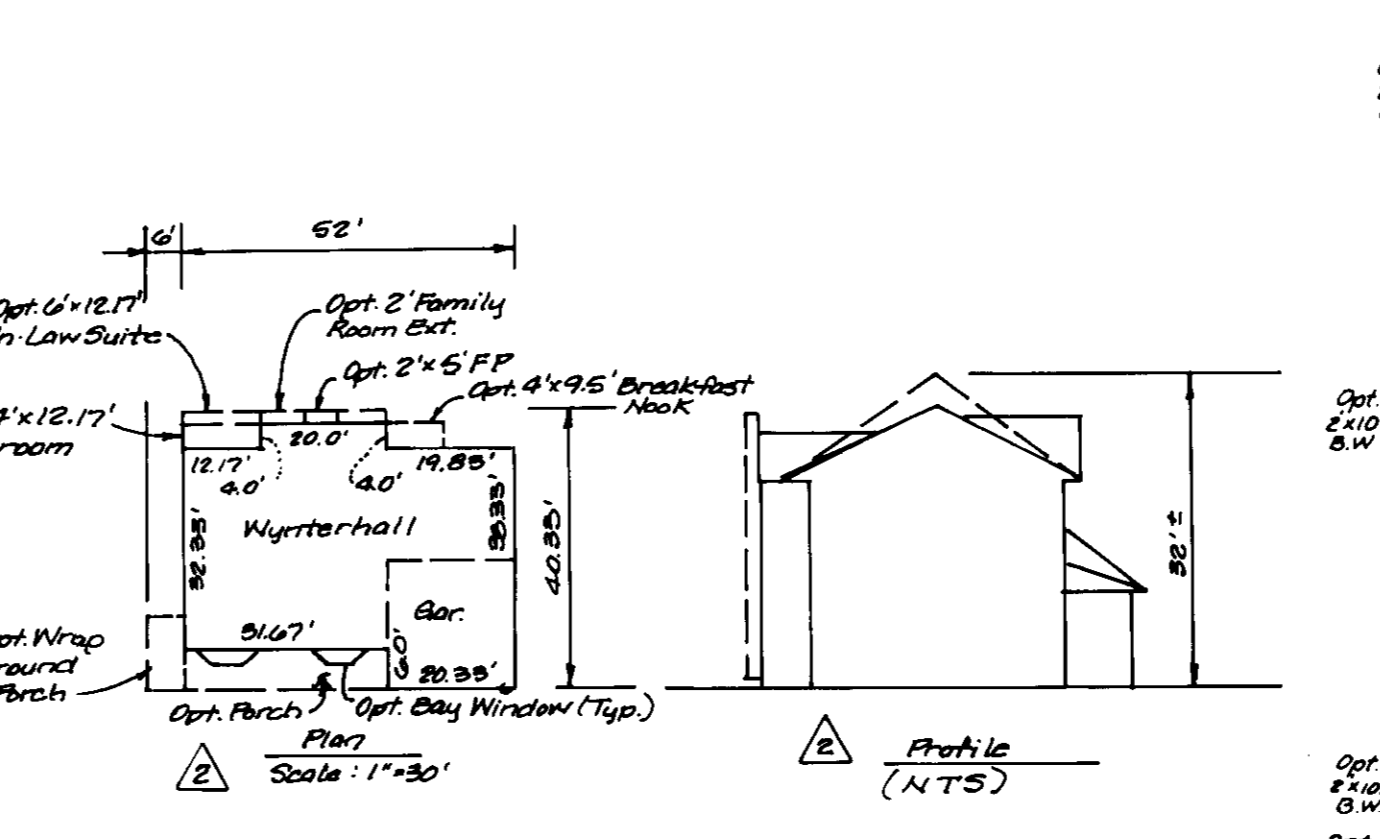
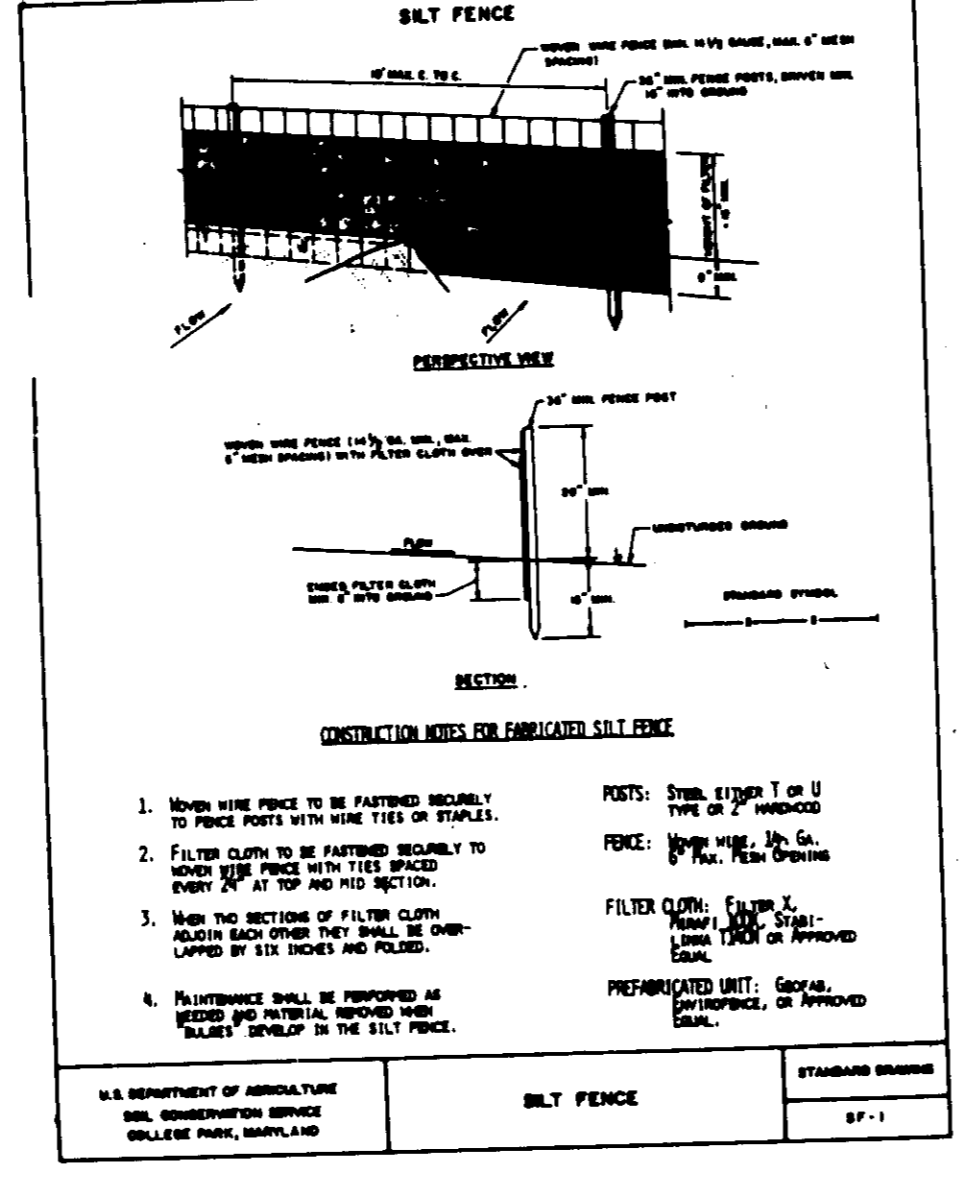
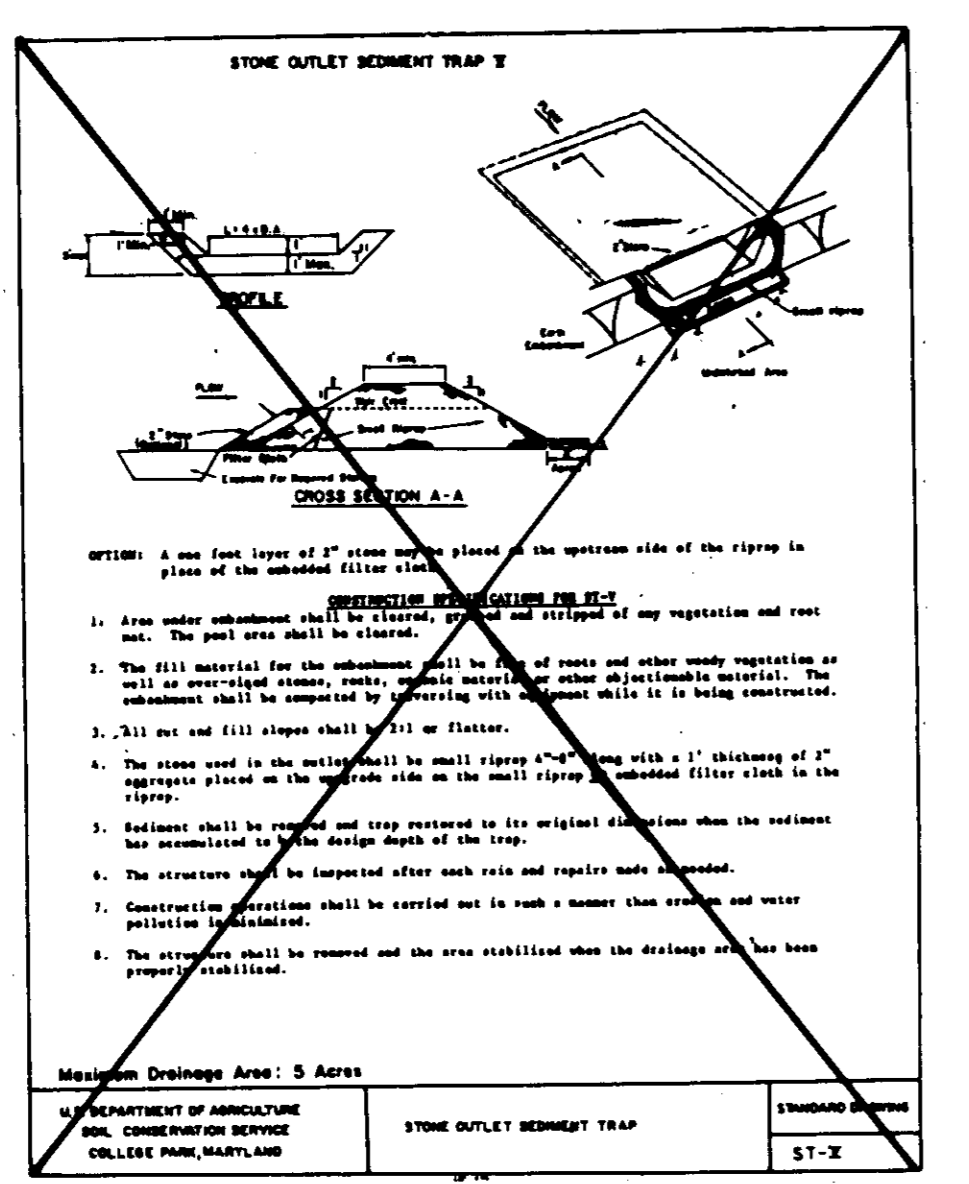
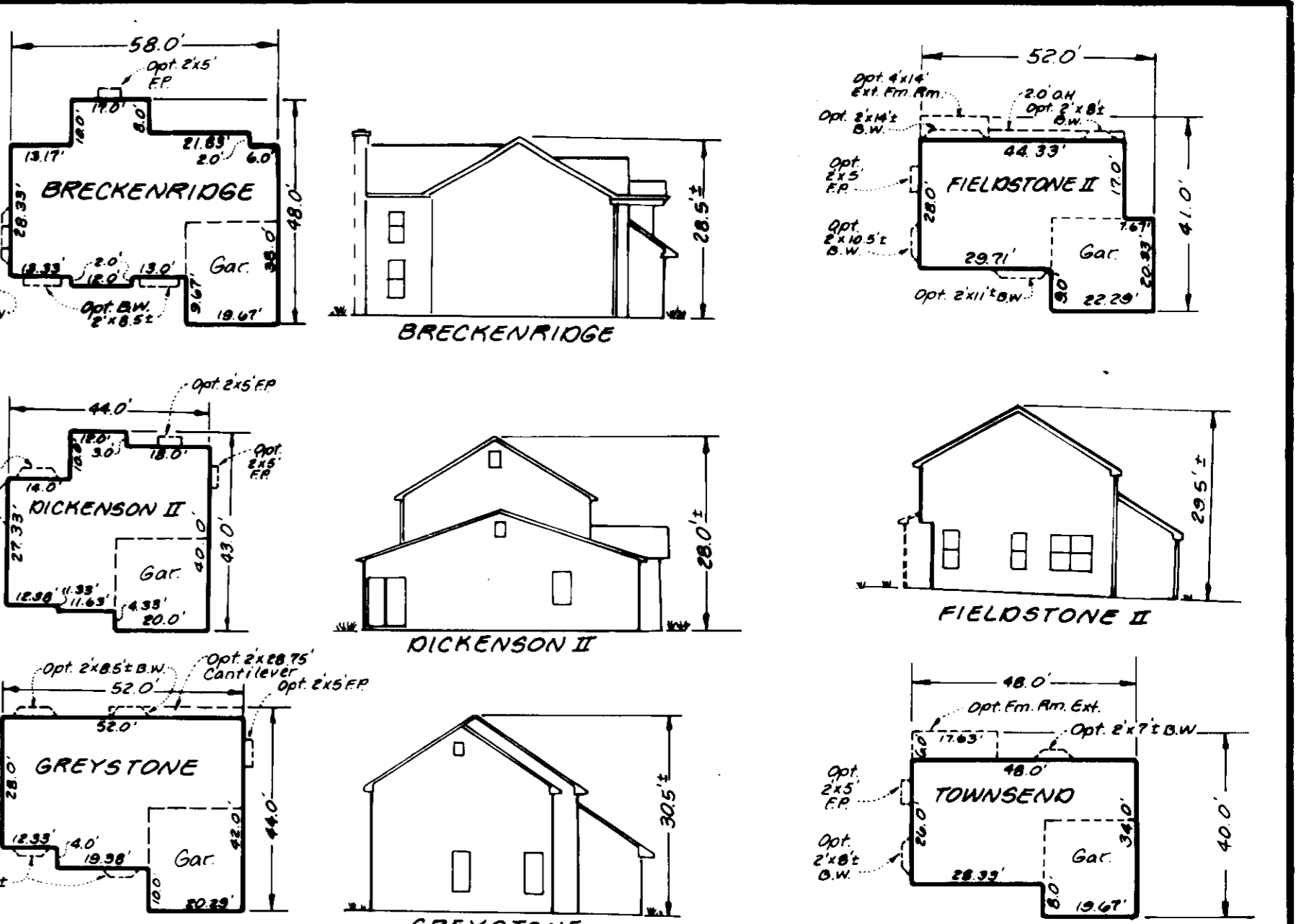
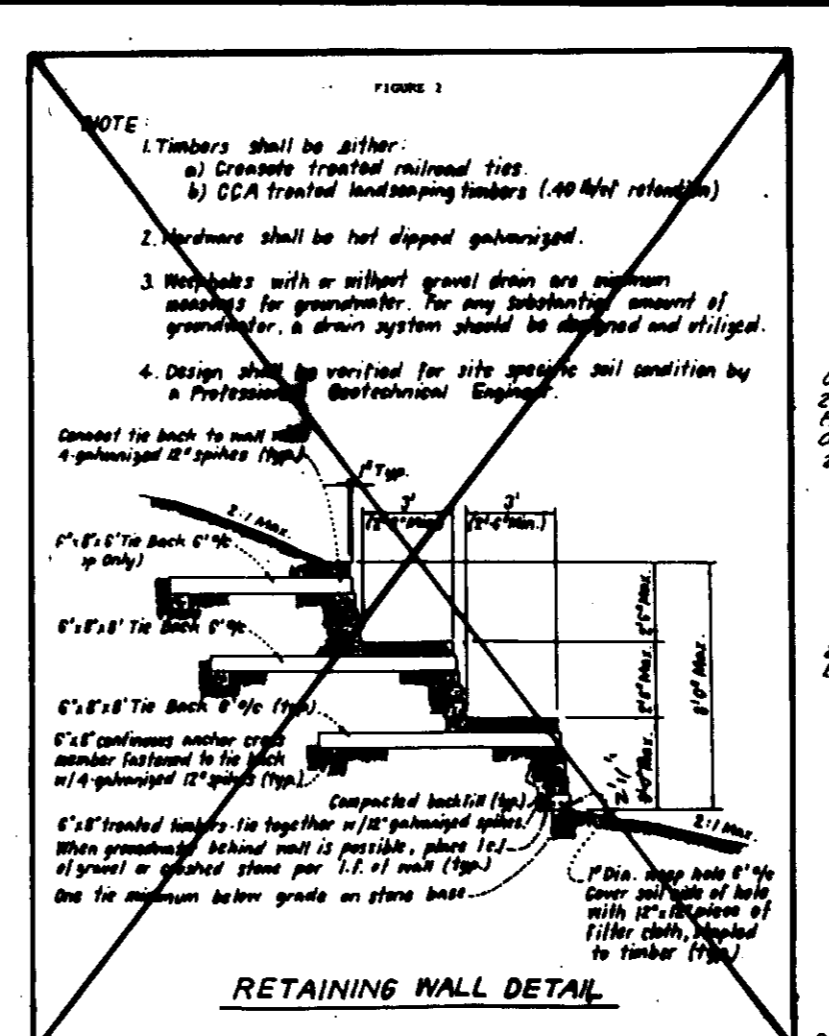
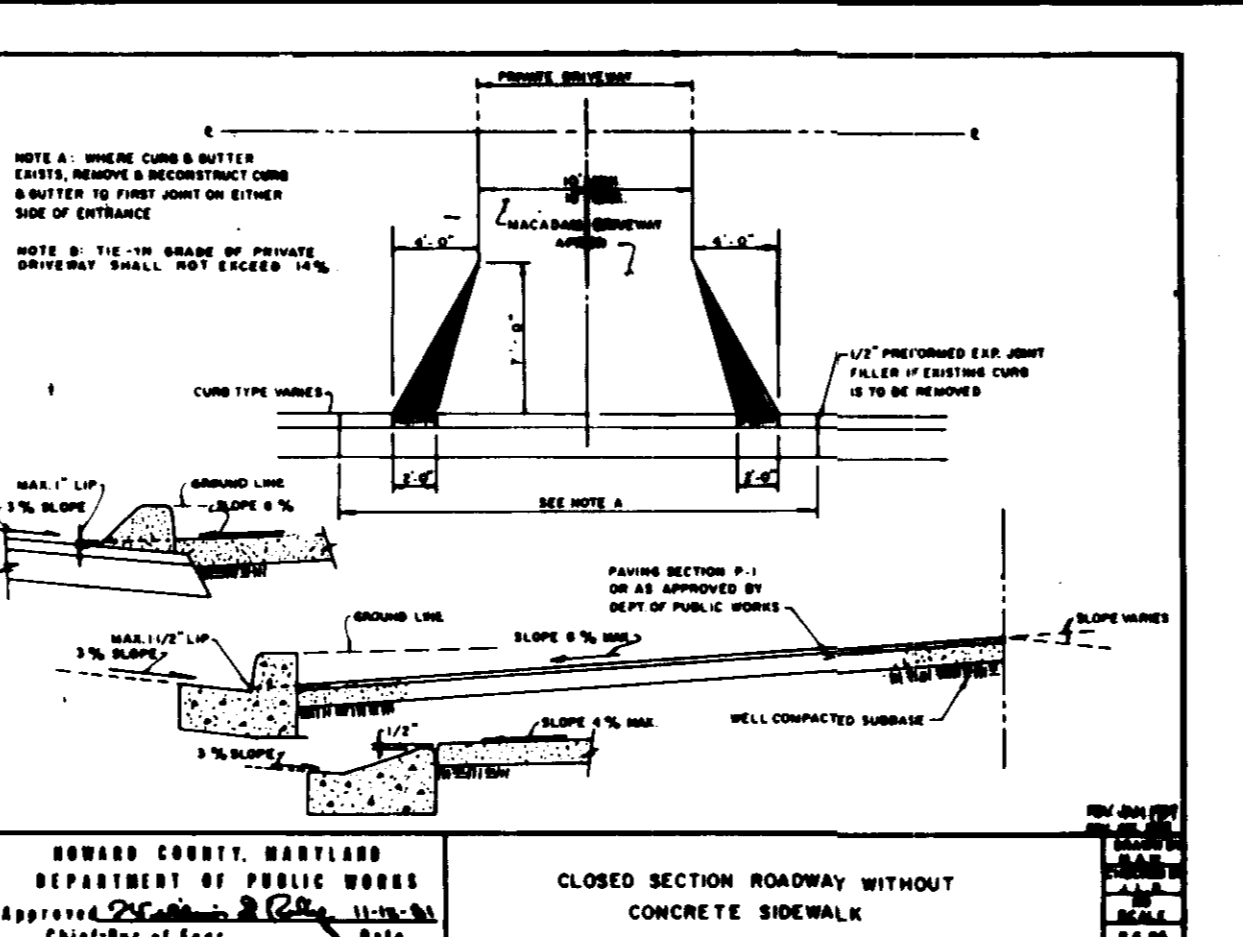
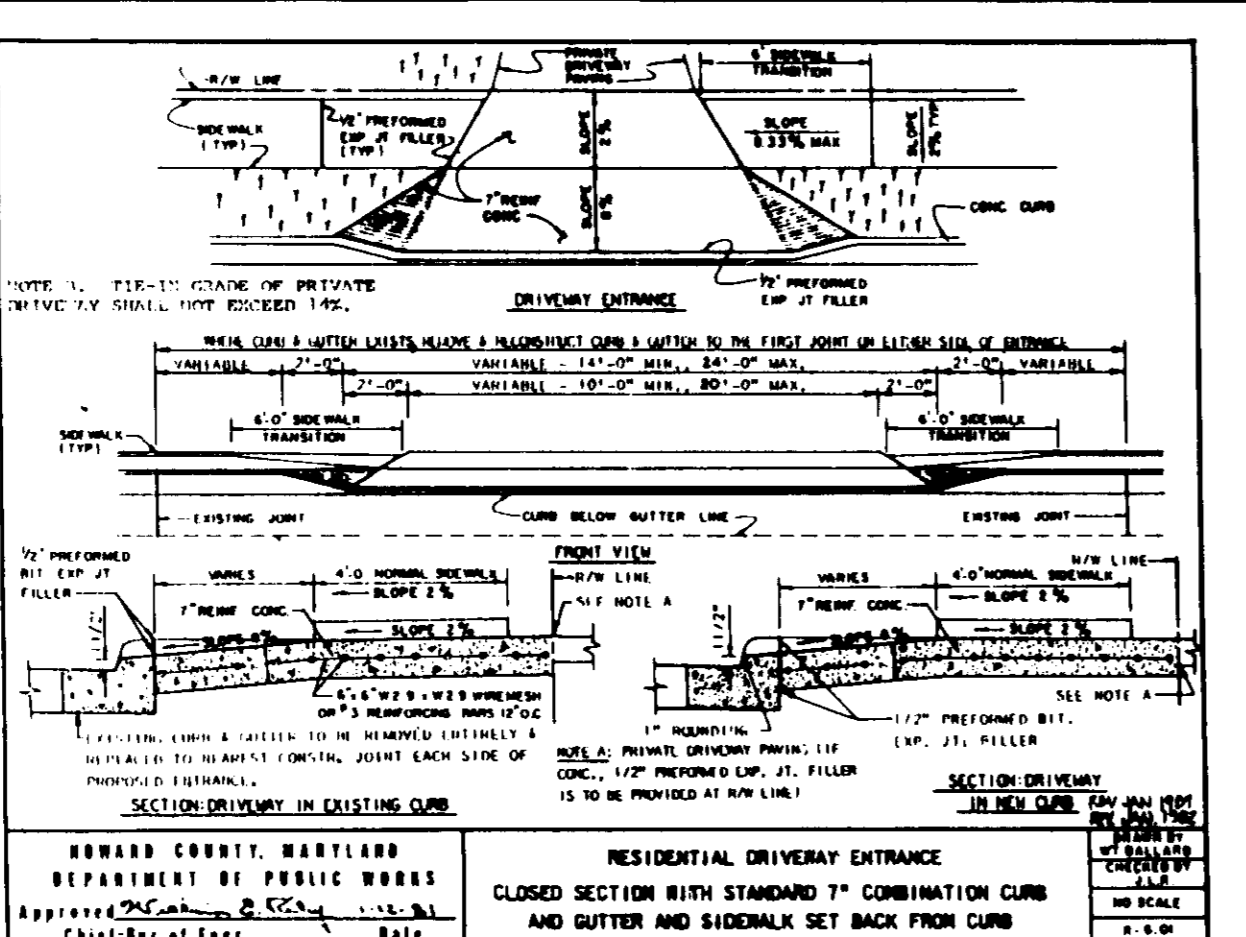
NO	Date	Description
1	Oct. 1995	Revise House Pad 'A' to 49' x 56'

Property of Marshalee Woods
 Section/Area Two/One
 Lot Nos 40-42 & 44-50
 Plat Ref 11702-11704
 Block No 11
 Zone R-20
 Tax/Zone 37
 El Dist 1st
 Census Tract G011.01
 Water Code D 04
 Sewer Code 2153000

LDE, INC.
 8835 Columbia 100 Parkway, Unit N, Columbia, MD 21045
 (410) 715-1070 (Betho.) (301) 588-3424 (Wash.) (410) 715-0881 (Fax)
SEDIMENT AND EROSION CONTROL PLAN
MARSHALEE WOODS
 SECTION TWO AREA ONE
 LOTS 40-42 and 44-50
 Tax Map No. 37 Parcels 593 and 650
 1st Election District Howard County, MD
 Previous Submittals: 8/24/95, 8/24/95, 8/24/95, 8/24/95, 8/24/95
 Scale 1" = 30'
 Drawing 5 of 6
 Job No 95-025
 File No
 MARSHALEE WOODS LIMITED PARTNERSHIP
 8835 - P Columbia 100 Parkway
 Columbia, MD 21045 Phone (410) 715-0810

- HOWARD SOIL CONSERVATION DISTRICT**
SEDIMENT CONTROL NOTES
- 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. (890-1458).
 - 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 MARSHALEE STRANDED AND STRUCTURE FOR SOIL EROSION AND SEDIMENT CONTROL, and revisions thereto.
 - Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within a 7 calendar day period for all perimeter sediment control structures, ditches, 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 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 MARSHALEE STRANDED AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, for permanent seeding (Sec. 51), and (Sec. 54), temporary seeding (Sec. 58) and mulching (Sec. 52). Temporary stabilization with which alone can only be done when recommended seeding does not allow for proper germination and establishment of grasses.
 - All sediment control structures are to remain in place and are to be maintained in generally good condition until their removal has been obtained from the Howard County Sediment Control Inspector.
 - Site Analysis:
Total Area of Site: 4.06 Acres
Area Disturbed: 3.32 Acres
Area to be seeded or mulched: 3.32 Acres
Total Cost: \$1,200.00
Off-site water/basins location: 11/21
 - 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.
 - Treech 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.
- Soil Preparation:** Loosen upper three inches of soil by raking, diking or other acceptable means before seeding, if not previously loosened.
- Soil Amendments:** In lieu of soil test recommendations, use one of the following schedules:
1) **Preferred:** Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq. ft.) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.) before seeding. Harrow or disk (min. upper three inches of soil). At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (14 lbs/1000 sq. ft.).
2) **Acceptable:** Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq. ft.) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq. ft.) before seeding. Harrow or disk (min. upper three inches of soil).
- Seeding:** For the period 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 per acre of annual ryegrass (3.2 lbs/1000 sq. ft.). For the period July 1 thru August 15, seed with 3 lbs per acre of creeping lovegrass (1.7 lbs/1000 sq. ft.). For the period November 15 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 (78 to 96 lbs/1000 sq. ft.) of unrotted wood from small grain stumps before seeding. Apply immediately after application using a machine which anchors tool or 210 gal per acre (5 gal/1000 sq. ft.) of unrotted sawdust on flat areas. On slopes 8 feet or higher, use 340 gal per acre (8 gal/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 re-disturbed where a short-term vegetative cover is needed.
- Soil Preparation:** Loosen upper three inches of soil by raking, diking or other acceptable means before seeding, if not previously loosened.
- Soil Amendments:** Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.).
- Seeding:** For the period March 1 thru April 30 and from August 15 thru October 15, seed with 7-1/2 bushels per acre of annual ryegrass (3.2 lbs/1000 sq. ft.). For the period May 1 thru August 14, seed with 3 lbs per acre of creeping lovegrass (1.7 lbs/1000 sq. ft.). For the period November 15 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 (78 to 96 lbs/1000 sq. ft.) of unrotted wood from small grain stumps before seeding. Apply immediately after application using a machine which anchors tool or 210 gal per acre (5 gal/1000 sq. ft.) of unrotted sawdust on flat areas. On slopes 8 feet or higher, use 340 gal per acre (8 gal/1000 sq. ft.) for anchoring.
- Refer to the 1983 MARSHALEE STRANDED AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for additional rules and methods not covered.



ENGINEER'S CERTIFICATE
"I hereby certify that this plan for Erosion and Sediment Control represents a practical and reliable 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: Bruce D. Burton
Date: 8/18/95

DEVELOPER'S CERTIFICATE
"I 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: 8/24/95

Reviewed for Howard County Soil Conservation District and meets technical requirements.
Signature: [Signature]
Date: 8/24/95

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

APPROVED: Department of Planning and Zoning.
Signature: [Signature]
Date: 9/1/95

REVISIONS		
No.	Date	Description
1	Oct. 1995	Add Barton Model Plan & Profile
2	8/28/96	Add Barrington & Wetherburn Model Plan and Profile
3	10/24/97	Add CLAREMONT I PLAN & PROFILE

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MARSHALEE WOODS
SECTION TWO AREA ONE
LOTS 40-42 and 44-50
Tax Map No. 37 Parcels 593 and 656
1st Election District Howard County, MD
Previous Submittals: 586-44, 589-13, 594-07, 633-36

Property of: Marshalee Woods
Section/Area: Two/One
Lot Nos: 40-42 & 44-50
Plot Ref: 11702 11704
Block: 11
Zone: R-20
Tax: 37
El: 1st
Census: 77-01 6011.01
Water Code: 10 04
Sewer Code: 2153000

Designed: BOB/KBW
Drawn: KBW
Checked: BOB
Date: June, 1995

Scale: 1" = 30'
Drawing: G of 6
Job No: 85-025
File No: [Blank]

MARSHALEE WOODS LIMITED PARTNERSHIP
8835-P Columbia 100 Parkway
Columbia, MD 21045 Phone: (410) 730-2810