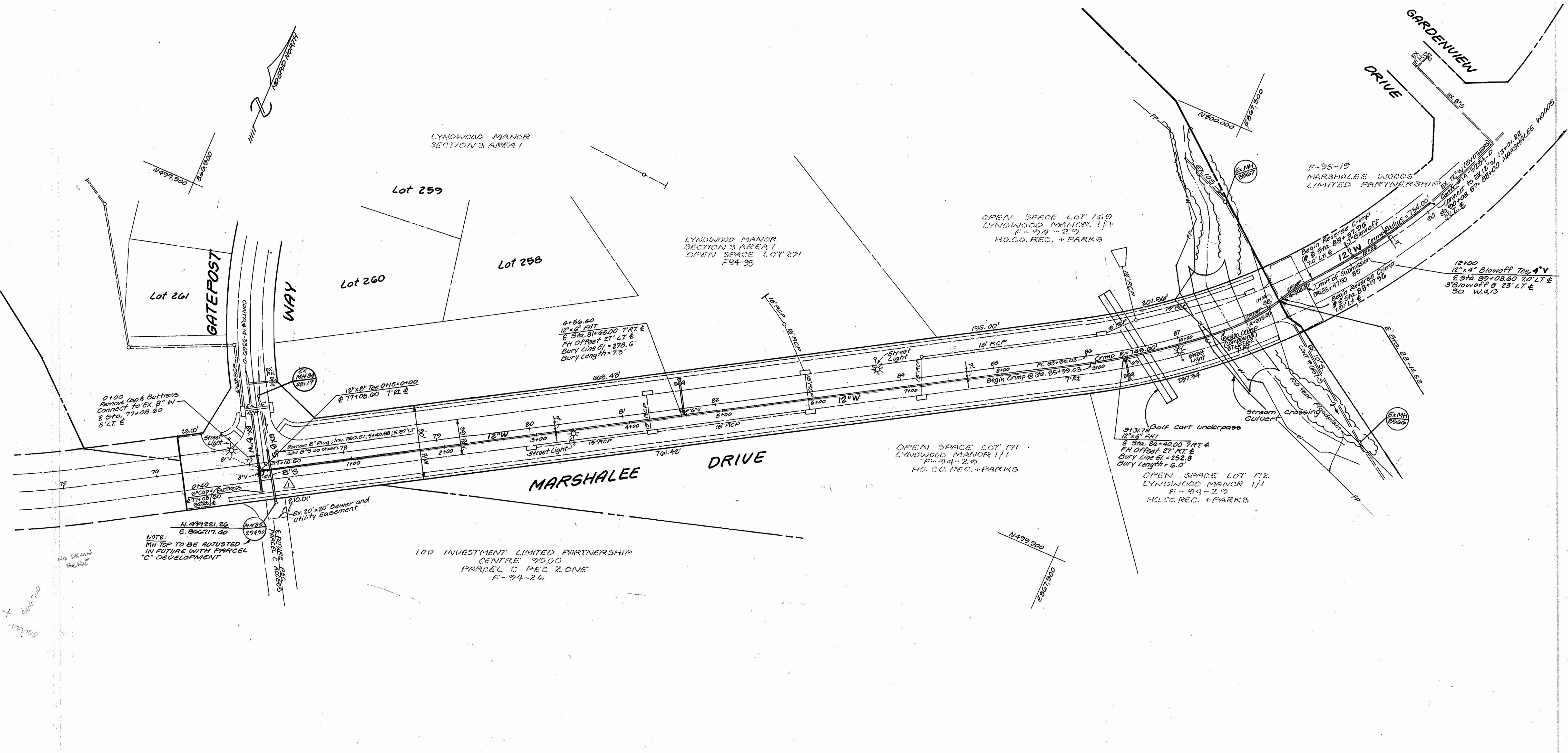


3373 wsl LYNDWOOD MANOR 3/2



REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Patricia Engle 6/2/95
 Signature DATE
 U.S. SOIL CONSERVATION SERVICE

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

John P. Roberts 6/2/95
 Signature DATE
 HOWARD SOIL CONSERVATION DISTRICT

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE STANDARD SPECIFICATION AND FINAL ROAD CONSTRUCTION PLANS F-94-29

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MD.

James J. Lewis 6/6/95
 DIRECTOR OF PUBLIC WORKS DATE

Michael B. ... 5-31-95
 CHIEF-BUREAU OF UTILITIES DATE

... 6/6/95
 CHIEF-LAND DEVELOPMENT DIVISION DATE

LAND DESIGN ENGINEERING, INC.

8835 Columbia 100 Parkway
 Suite N
 Columbia, Maryland 21043
 Phone: (410) 715-1070 (301) 596-3424



Designed	TD		
Drawn	WJ		
Checked	RM		
Date	7/94		
L.D.B.	△	Revise Plan View - Show B'S and Marshalee	4/99
By	No.	REVISION	Date

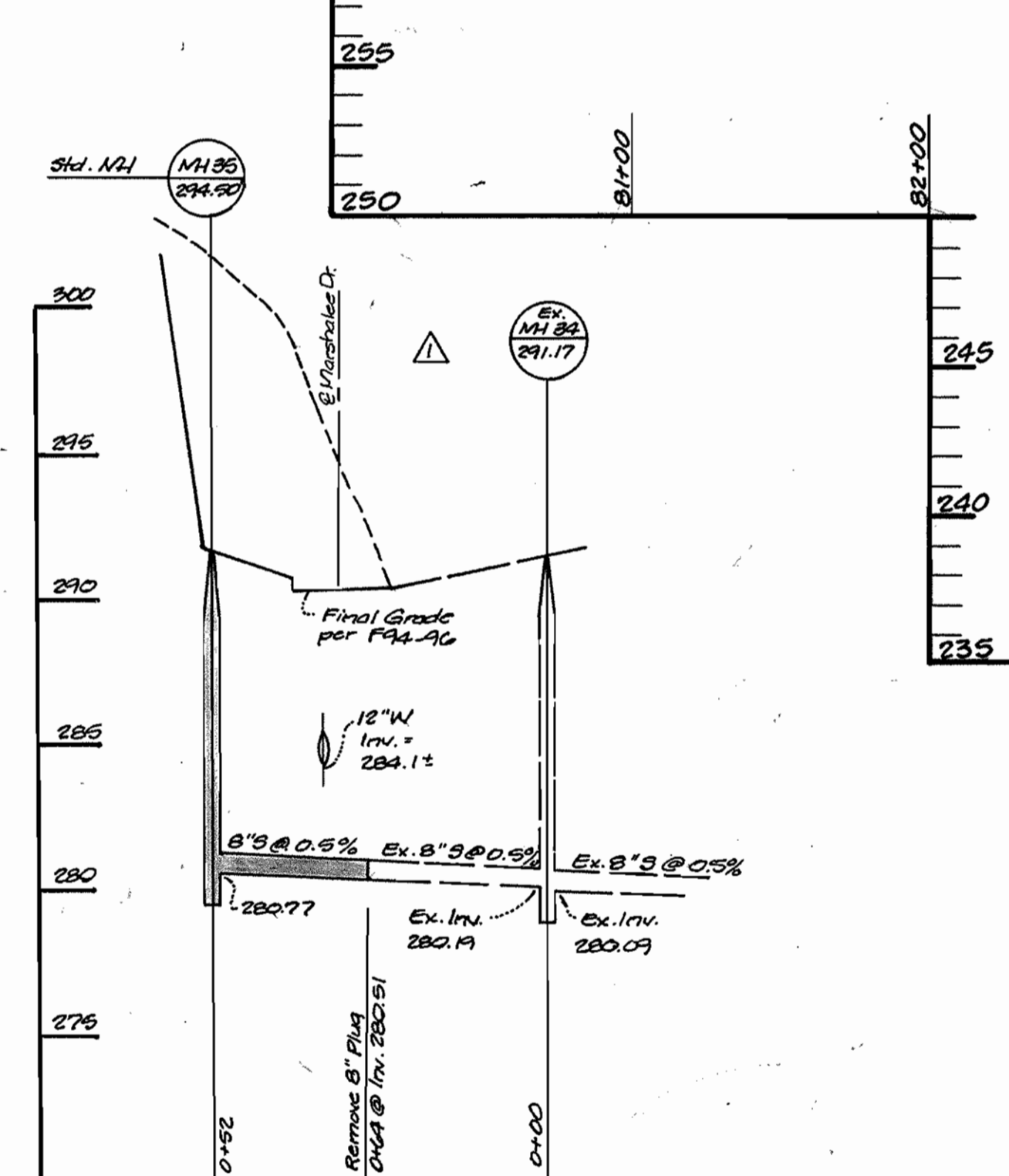
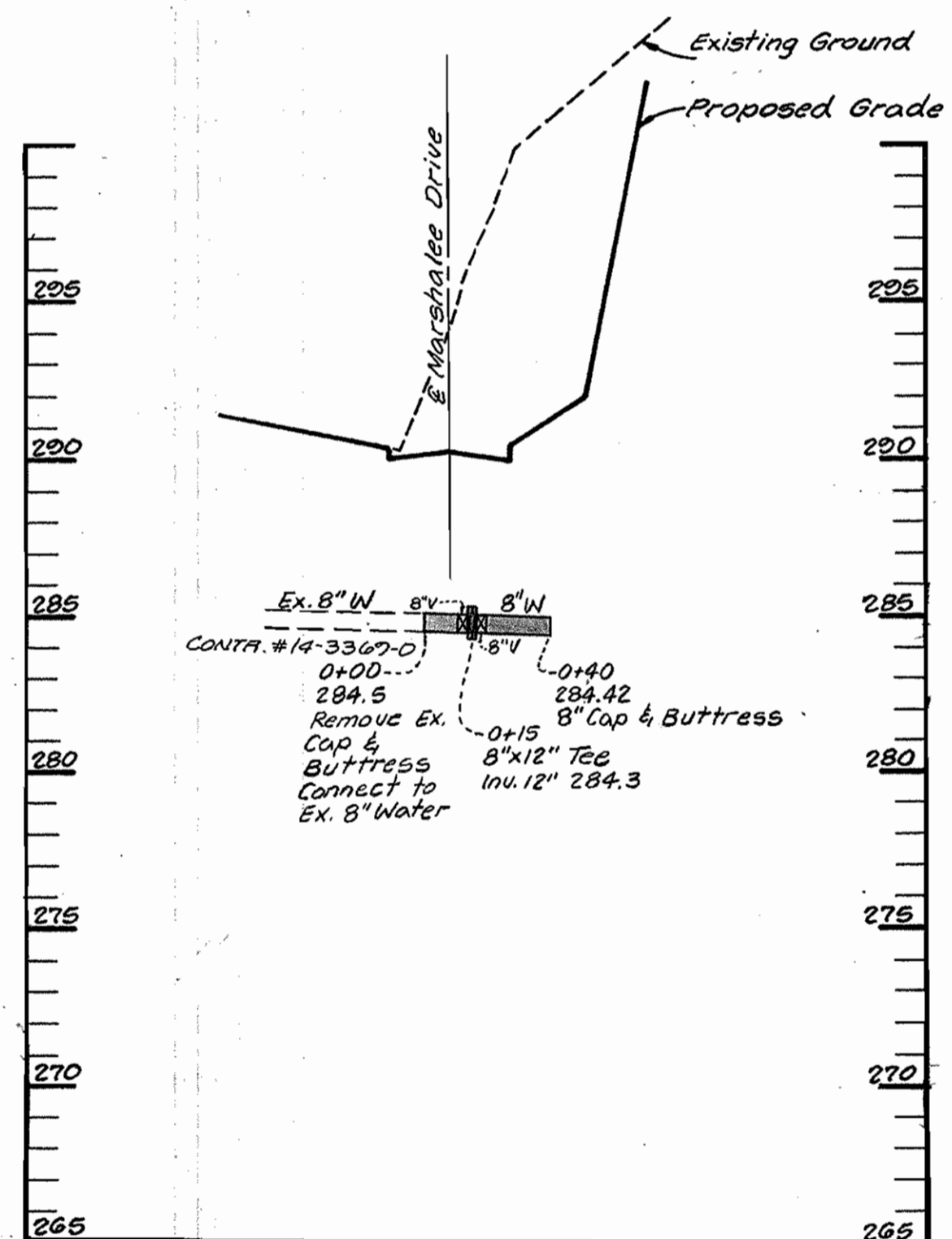
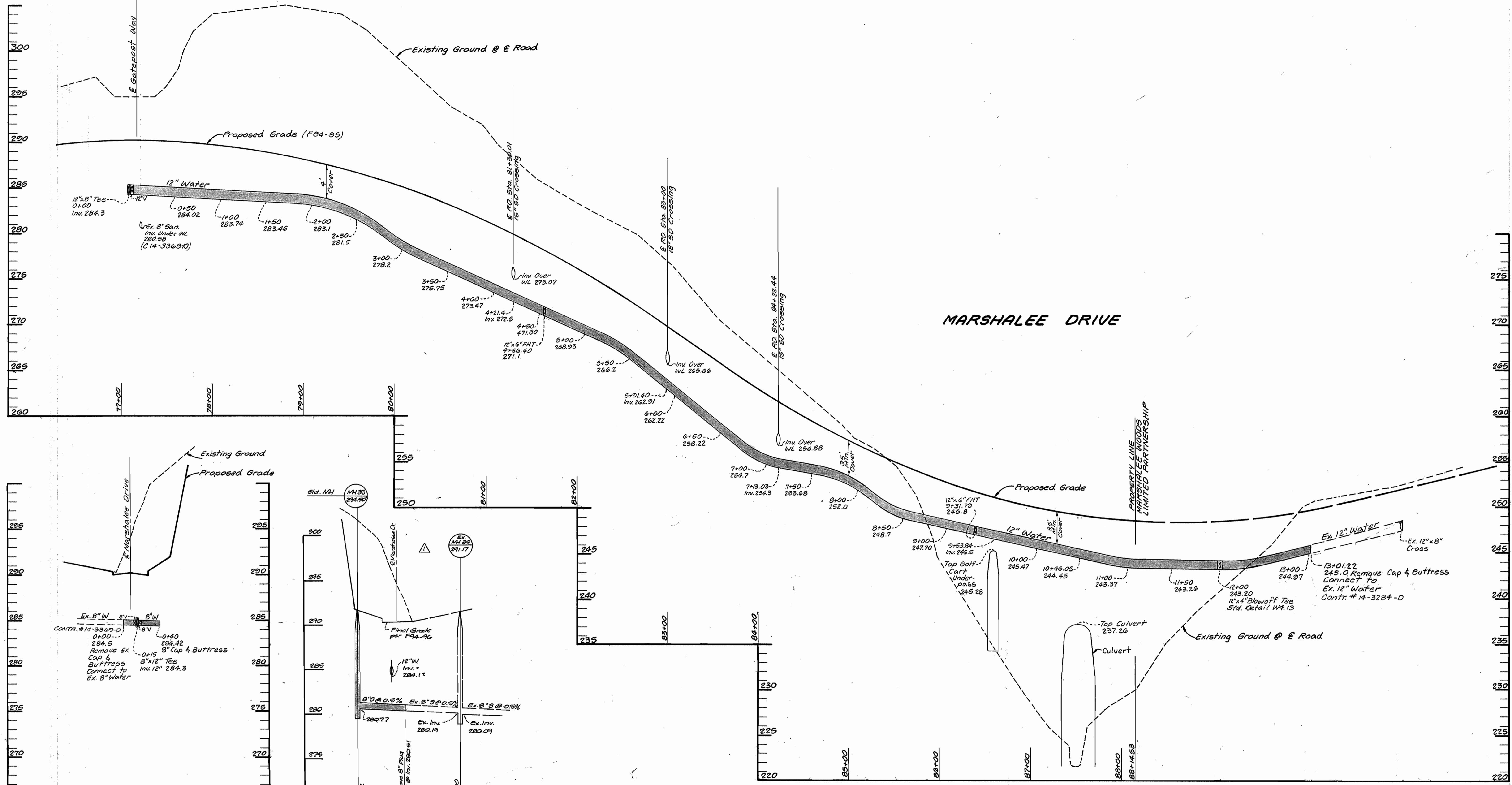
PLAN VIEW

600 SCALE MAP No. 37 BLOCK No. 11

LYNDWOOD MANOR
 SECTION THREE AREA TWO
 MARSHALEE DRIVE
 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 CONTRACT NO. 44-3373-D

SCALE 1" = 50'
 SHEET 2 OF 3

3373 WS/B LYNDWOOD MANOR 3/2



REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
Peterson Englejohn 4/2/95
 Signature DATE
 U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
John P. [Signature] 4/2/95
 HOWARD SOIL CONSERVATION DISTRICT DATE

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 210 OF THE STANDARD SPECIFICATION AND FINAL ROAD CONSTRUCTION PLANS.

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MD.
James A. [Signature] 6/6/95
 DIRECTOR OF PUBLIC WORKS DATE
Michael [Signature] 6/6/95
 CHIEF - BUREAU OF UTILITIES DATE
[Signature] 6/6/95
 CHIEF - LAND DEVELOPMENT DIVISION DATE

LAND DESIGN ENGINEERING, INC.
 8835 Columbia 100 Parkway
 Suite N
 Columbia, Maryland 21045
 Phone: (410) 715-1070 (301) 596-3424



Designed TD	
Drawn GL/WJ	
Checked RM	
Date 1/95	
L.D.E. By No.	Add profile Ex. M-24 (14-3367-D) to Prop. M-35
Date	4/99
REVISION	

PROFILE
 600 SCALE MAP NO. 32 BLOCK NO. 11

LYNDWOOD MANOR
 SECTION THREE AREA TWO
 MARSHALEE DRIVE
 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 CONTRACT NO. 44-3373-D
 SCALE 1"=50' HORIZ. 1"=5' VERT.
 SHEET 3 OF 3

BENCH MARKS:

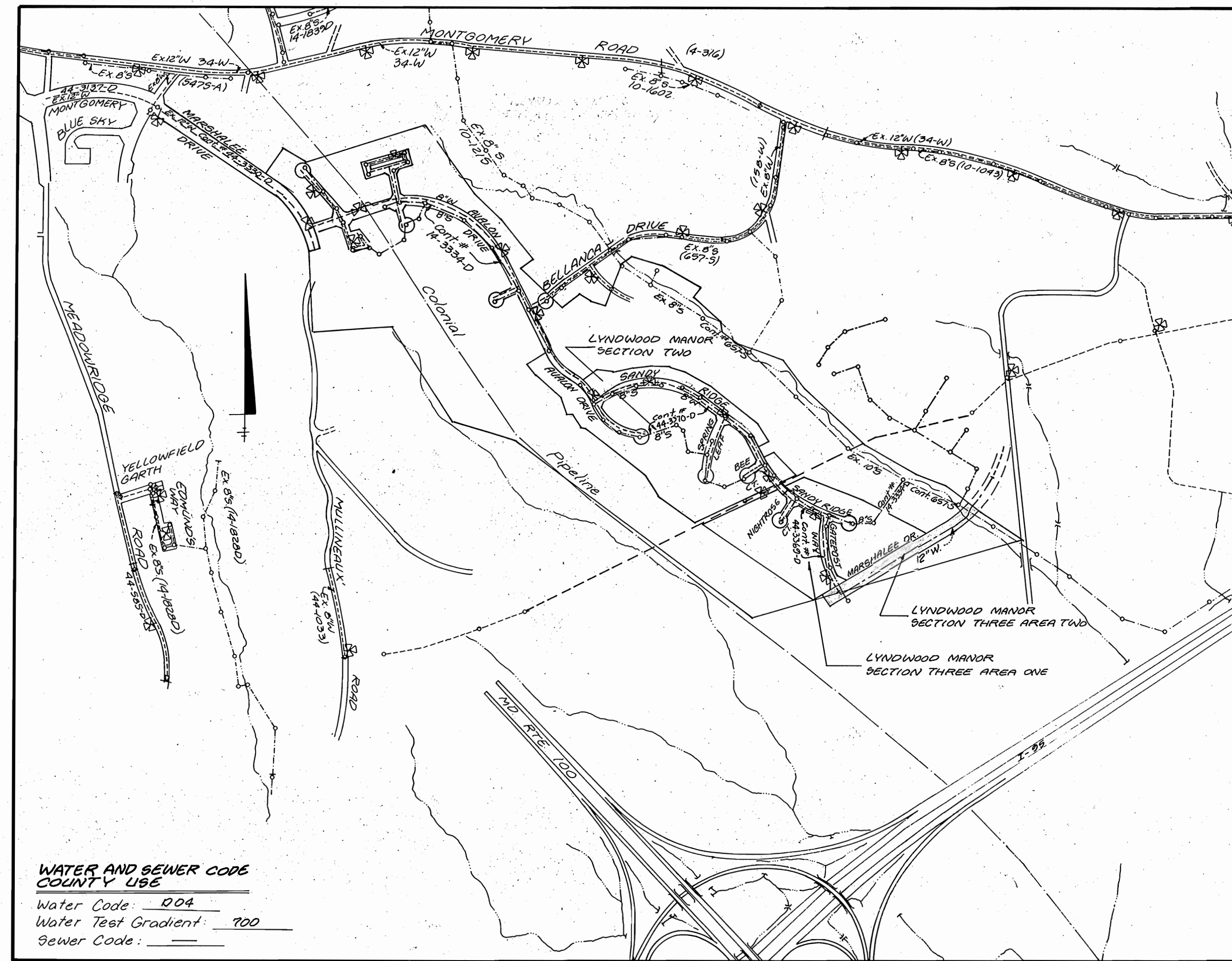
Ho. Co. Mon. # 2644005 El. 416.281

Ho. Co. Mon. # 2644004 El. 402.135

DESCRIPTION

Ho. Co. Mon. # 2644005 El. 416.281
Concrete Monument .2' Below Surface
South Side Montgomery Road East
Of Meadow Ridge Road.

Ho. Co. Mon. # 2644004 El. 402.135
Concrete Monument .1' Below Surface
SW Corner Of Intersection Rte 103 and
Old Montgomery Road.



**WATER AND SEWER CODE
COUNTY USE**
Water Code: R04
Water Test Gradient: 700
Sewer Code:

Type of Buildings:	NONE
Number of Lots/Parcels:	PARCEL 101 & 110 PARCEL 2
Number of W.H.C.'s:	NONE
Number of S.H.C.'s:	NONE
Drainage Area:	PATAPSCO
Treatment Plant:	PATAPSCO WNTW

VICINITY MAP
SCALE: 1" = 400'

INDEX OF SHEETS	
SHEET NO.	TITLE
1	TITLE SHEET
2	PLAN VIEW - MARSHALEE DRIVE
3	PROFILE - MARSHALEE DRIVE

PART I:

- Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately to the satisfaction of the Engineer at the Contractor's expense.
- All horizontal controls are based on Maryland State Coordinates.
- All vertical controls are based on U.S.G.S. data.
- All pipe elevations shown are invert elevations.
- Clear all utilities by a minimum of 6" clear all poles by 2'-0" minimum or tunnels as required. The owner has contacted the utility companies and has made arrangements for bracing of poles as shown on the drawings. In the event the Contractor's work requires the bracing of additional poles, any cost incurred by the owner for bracing of additional poles or damages shall be deducted from money owed the Contractor. The Contractor shall coordinate with the utility companies to schedule the bracing of the poles.
- For details not shown on the drawings and for materials and construction methods, use Howard County Design Manual, Volume 11, Standard Specifications and Details for Construction (Latest Edition). The Contractor shall have a copy of Volume 11 on the job.
- Where test pits have been made on existing utilities, they are noted by the symbol O at the location of the test pit. A note containing the results of the test pit or pits is included on the drawing. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be located by the Contractor two weeks in advance of construction operations at his own expense.
- Contractor shall notify the following utility companies or agencies at least five working days before starting work shown on these plans:

a) State Highway Administration: 531-5533	d) Miss Utility: 1-800-257-7777
b) Baltimore Gas & Electric Co.: 850-4620	e) Colonial Pipeline Company: 799-1390
c) Contractors Services	f) Howard County Dept. of Public Works Bureau of Utilities: 313-4900
g) Baltimore Gas & Electric Co.: 787-9068 (Underground Damage Control)	
- Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs within the construction strip are not to be removed or damaged by the Contractor.
- Contractor shall remove trees, stumps and roots along line of excavation. Payment for such removal shall be included in the unit price bid for construction of the main.

PART II: WATER

- All water mains to be D.I.P. Class 52 unless otherwise noted.
- Tops of all water mains to have a minimum of 3' cover unless otherwise noted.
- Valves adjacent to the tees shall be strapped to the tees.
- All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.
- Fire hydrants shall be set to the bury line elevations shown on the drawings. All fire hydrants shall be strapped and buttressed with concrete in accordance with the Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1000 and 1009 of the Standard Specifications.
- The Contractor shall not operate any water main valves on the existing water system.
- All water house connections shall be for inside meter setting unless otherwise noted on plans or in specifications.

PART III: SEWER

- All sewer mains to be D.I.P. or P.V.C. unless otherwise noted.
- All manholes shall be 4'-0" inside diameter unless otherwise noted.
- Force mains shall be D.I.P. only.
- Manholes designated W.T. in plan and profile shall have water-tight frame and covers, Std. Detail G.5.2. Where water-tight manhole frame and cover is used, set top of frame 1'-6" above finished grade unless otherwise noted on this drawing.
- House with the symbol "C.N.S." indicates that cellar cannot be served.
- Manholes shown with 12" and 16" walls are for brick manholes only.

WATER & SEWER CONSTRUCTION PLANS
LYNDWOOD MANOR
SECTION THREE AREA TWO
1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND
CONTRACT No. 44-3373-D

QUANTITIES

ITEM	QUANTITIES ESTIMATED	QUANTITIES	TYPE	AS BUILT	
				MANUFACTURER / SUPPLIER	
6" Water	54 LF	54 LF	D.I.P.	GRIFFIN	HUGHES
8" Water	40 LF	40 LF	"	"	"
6" Valves	2	2	KENNEDY G.V.	KENNEDY	"
8" Valves	2	2	"	"	"
8" Cap & Buttress	1	1	MS	TYLER	"
12" Valves	1	1	KENNEDY G.V.	KENNEDY	"
8" Sewer	52 LF	52 LF	SDR 35	DIAMOND PLASTIC	"
Fire Hydrants	2	2	KENNEDY	KENNEDY	"
12" x 6" FHT	2	2	"	"	"
12" x 4" Blowoff Tee	1	1	MS TEE	TYLER	"
3" Blowoff FH	1	1	3" B.A.	KUPPELE-ECLIPSE	"
4" V	1	1	KENNEDY G.V.	KENNEDY	"
Manhole	1	1	PRECAST	ATLANTIC	ATLANTIC
12" x 8" Tee	1	1	MS	TYLER	HUGHES
18" Water	1302 LF	1356 LF	D.I.P.	GRIFFIN	HUGHES

Check Box: Survey/ Drafting Div
As Built Date: 11-15-04

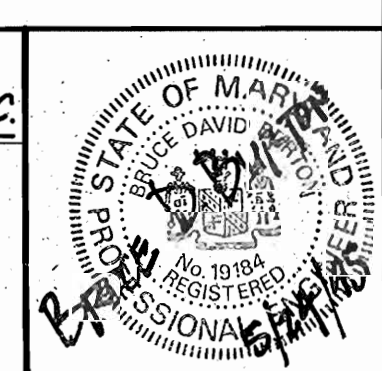
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
Patricia English/jm 6/2/95
Signature Date
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
John R. Peltzer 6/2/95
HOWARD SOIL CONSERVATION DISTRICT

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE STANDARD SPECIFICATION AND FINAL ROAD CONSTRUCTION PLANS: F-94-90.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MD.
James J. Shaw 6/6/95
DIRECTOR OF PUBLIC WORKS DATE
Michael A. Hammond/RUB 5-31-95
CHIEF - BUREAU OF UTILITIES DATE
David J. ... 6/6/95
CHIEF - LAND DEVELOPMENT DIVISION

LAND DESIGN ENGINEERING, INC.
8835-N COLUMBIA 100 PARKWAY
COLUMBIA, MARYLAND 21046
(410) 715-1070 (301) 596-5424
Designed TO
Drawn WJ
Checked RM
Date 1/05



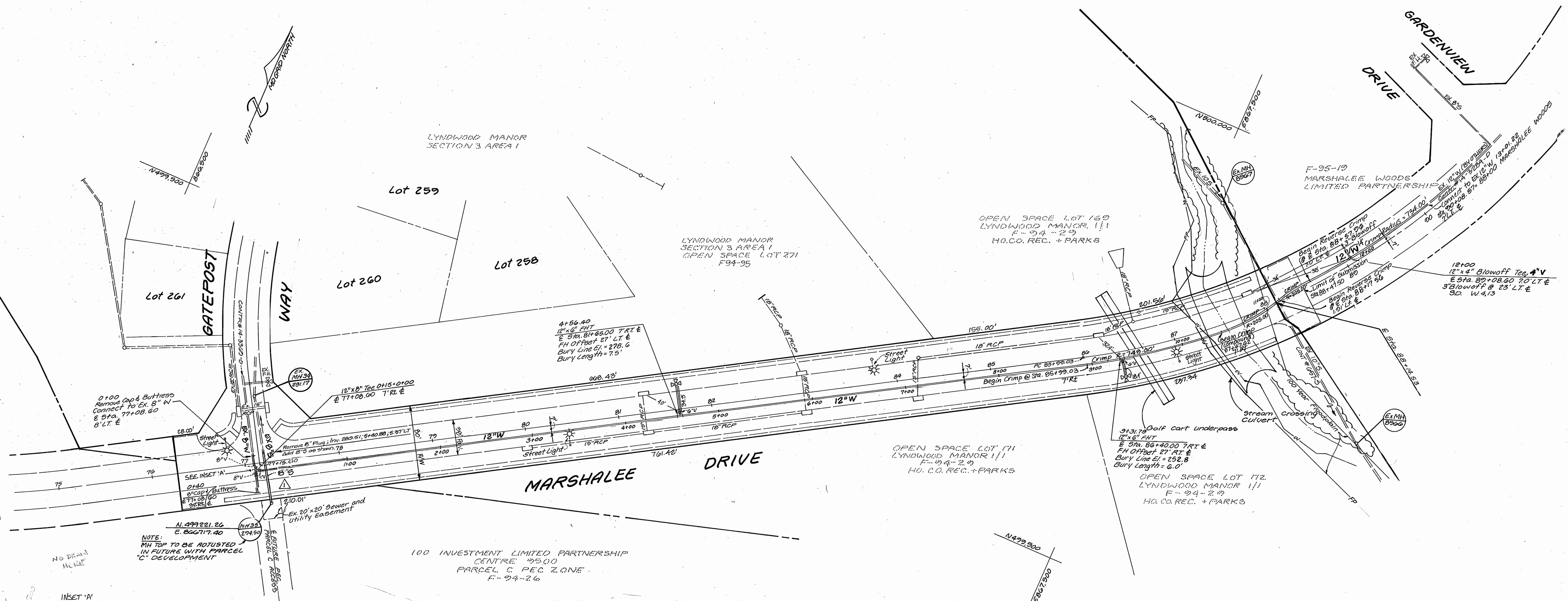
KL	LA	REVISION	Date
KL1	AS-BUILT QUANTITIES ADDED		11/04
LDE	Revise Quantities Table - 8" B.A. Add Sewer Notes		4/99

TITLE SHEET
600 SCALE MAP No. 37 BLOCK No. 11

LYNDWOOD MANOR
SECTION THREE AREA TWO
MARSHALEE DRIVE
1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND
CONTRACT NO. 44-3373-D
SCALE AS SHOWN
SHEET 1 OF 3

3373 WSH LYNDWOOD MANOR 3/2

3373 ws/2 LYNDWOOD MANOR 3/4



REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Patricia Engle 6/2/95
 SIGNATURE DATE
 U.S. SOIL CONSERVATION SERVICE

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

John R. [Signature] 6/2/95
 SIGNATURE DATE
 HOWARD SOIL CONSERVATION DISTRICT

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE STANDARD SPECIFICATION AND FINAL ROAD CONSTRUCTION PLANS: F-94-29

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MD.

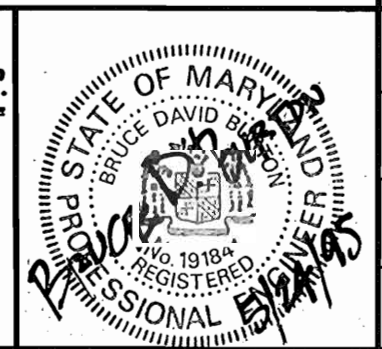
James P. [Signature] 6/6/95
 DIRECTOR OF PUBLIC WORKS DATE

Richard [Signature] 5-31-95
 CHIEF-BUREAU OF UTILITIES DATE

[Signature] 6/6/95
 CHIEF-LAND DEVELOPMENT DIVISION DATE

LAND DESIGN ENGINEERING, INC.

8835 Columbia 100 Parkway
 Suite N
 Columbia, Maryland 21045
 Phone: (410) 715-1070 (301) 596-3424



Designed	TD				
Drawn	WT				
Checked	RM	K.C.I.	AS-BUILT DATA ADDED	K.C.I.	11/04
Date	7/04	L.D.B.	Revise Plan View - Show B'S and Marshalee		4/99
		By	No.	REVISION	Date

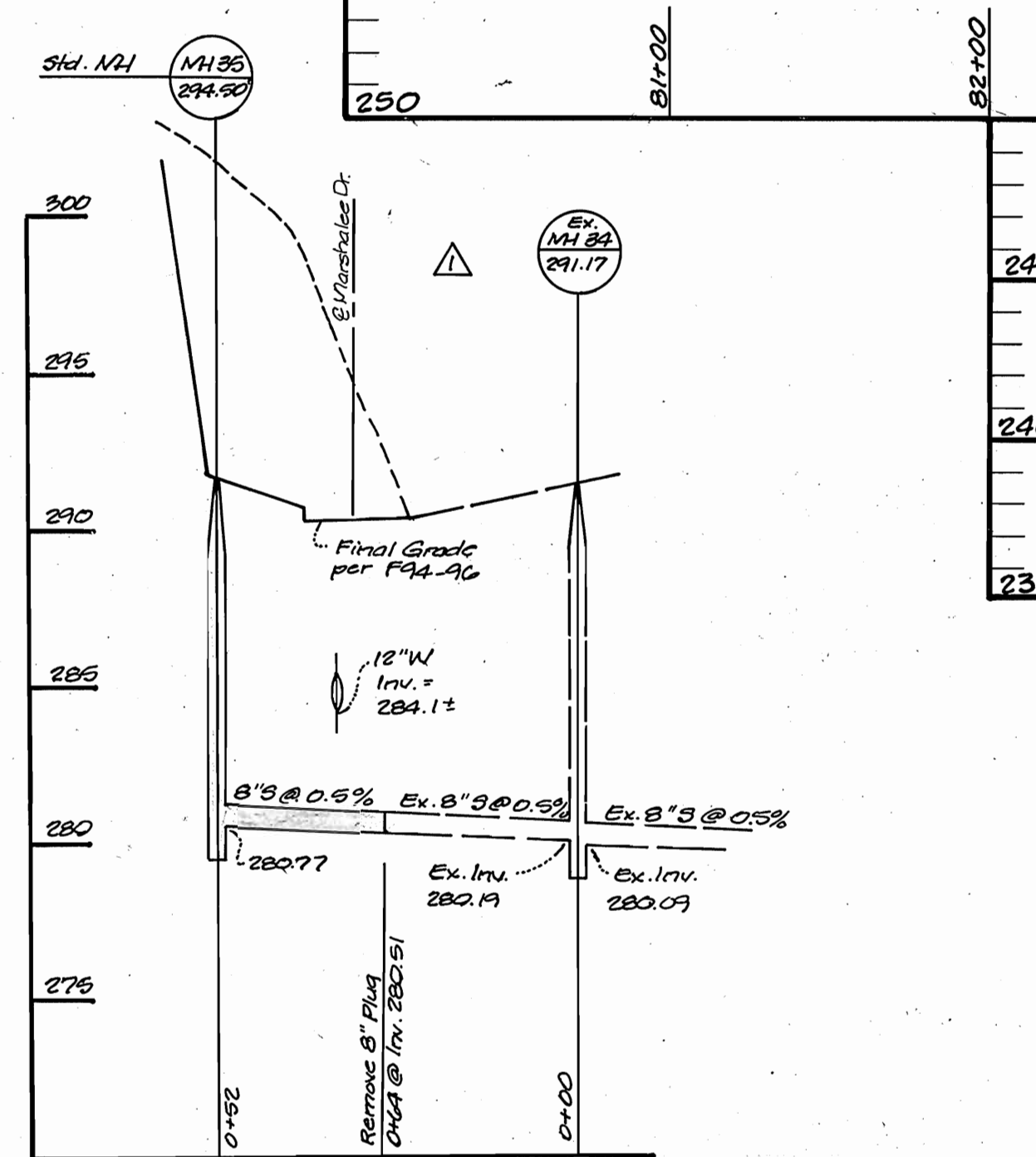
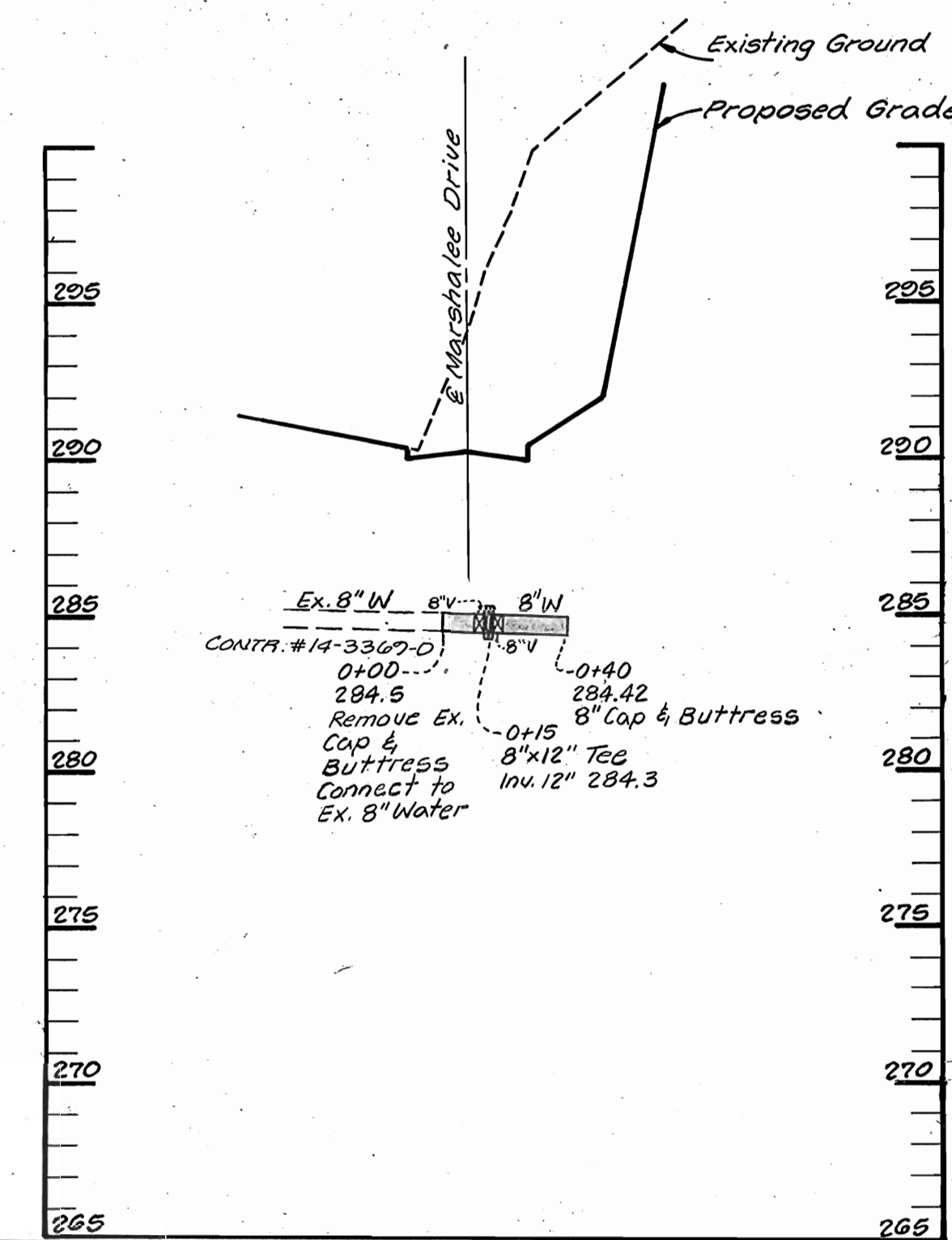
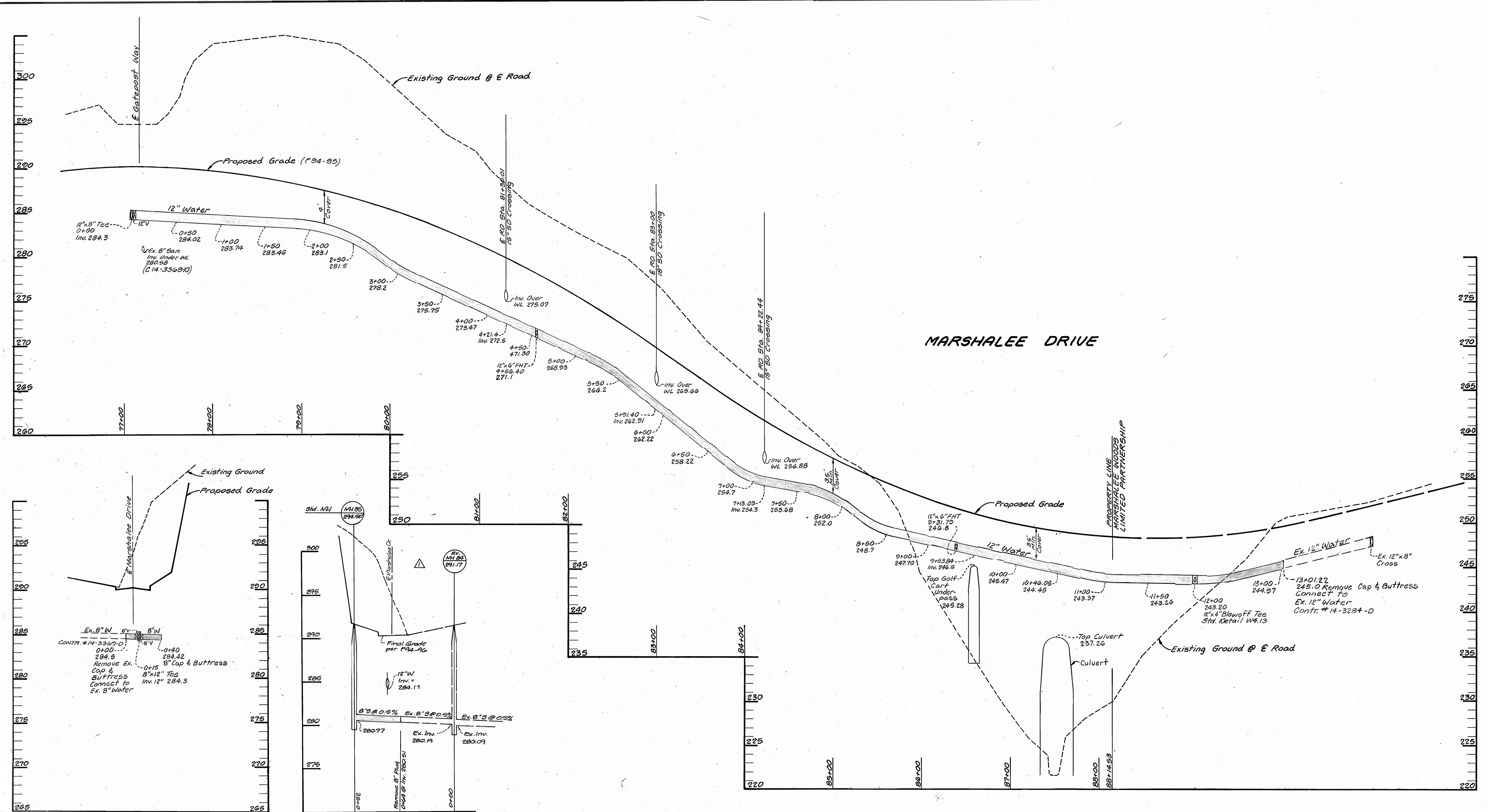
PLAN VIEW

600 SCALE MAP No. 37 BLOCK No. 11

LYNDWOOD MANOR
 SECTION THREE AREA TWO
 MARSHALEE DRIVE
 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 CONTRACT NO. 44-3373-D

SCALE 1"=50'
 SHEET 2 OF 3

3373 WS/3 LYNDWOOD MANOR 3/1



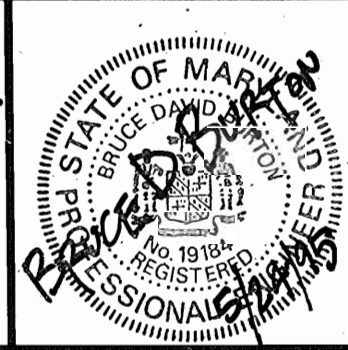
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
 Signature: Patricia Engel
 Date: 6/2/95
 U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
 Signature: [Signature]
 Date: 6/2/95
 HOWARD SOIL CONSERVATION DISTRICT

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE STANDARD SPECIFICATION AND FINAL ROAD CONSTRUCTION PLANS.

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MD.
 Signature: James H. [Signature]
 Date: 6/6/95
 DIRECTOR OF PUBLIC WORKS

LAND DESIGN ENGINEERING, INC.
 8835 Columbia 100 Parkway
 Suite N
 Columbia, Maryland 21045
 Phone: (410) 715-1070 (301) 596-3424



Designed TD	
Drawn AL/WJT	
Checked RM	
Date 1/95	
L.R.E. By	NA
Add profile Ex. M1 34 (Cont. # 14-222A-D) to Prop. M1 35	4/99
REVISION	Date

PROFILE
 600 SCALE MAP NO. 32 BLOCK NO. 11

LYNDWOOD MANOR
 SECTION THREE AREA TWO
 MARSHALEE DRIVE
 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 CONTRACT NO. 44-3373-D
 SCALE 1"=50' HORIZ. 1"=5' VERT.
 SHEET 3 OF 3