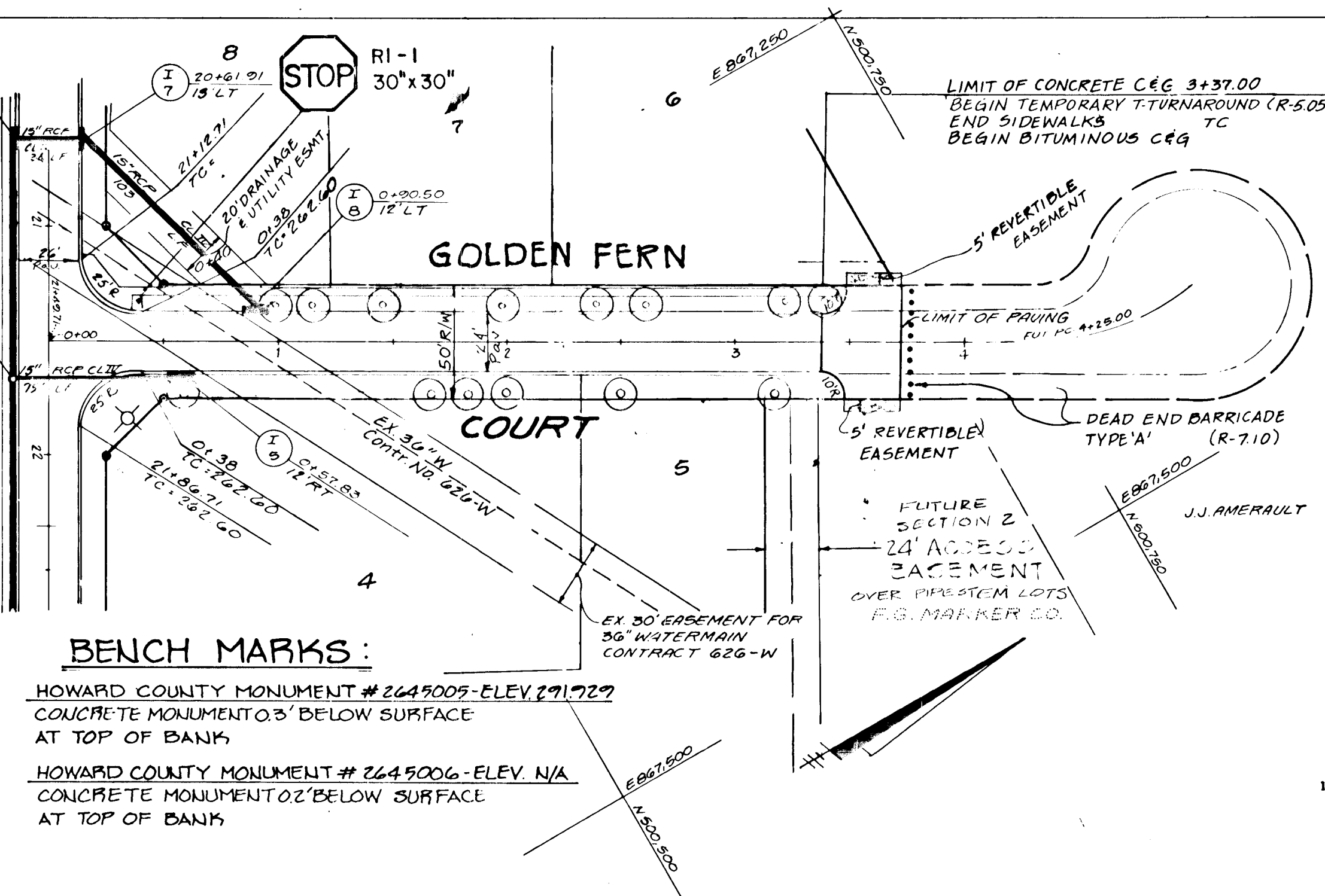
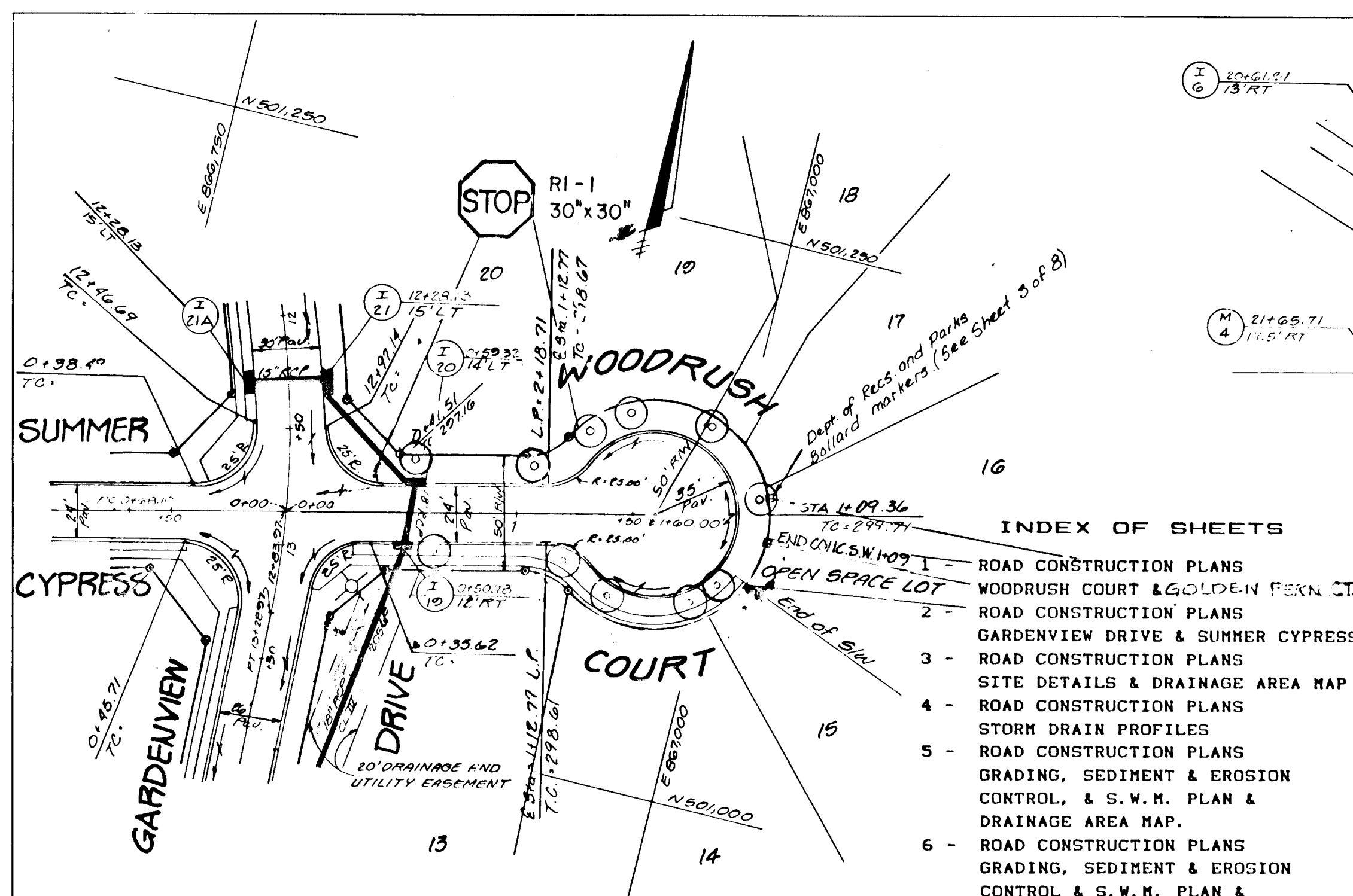
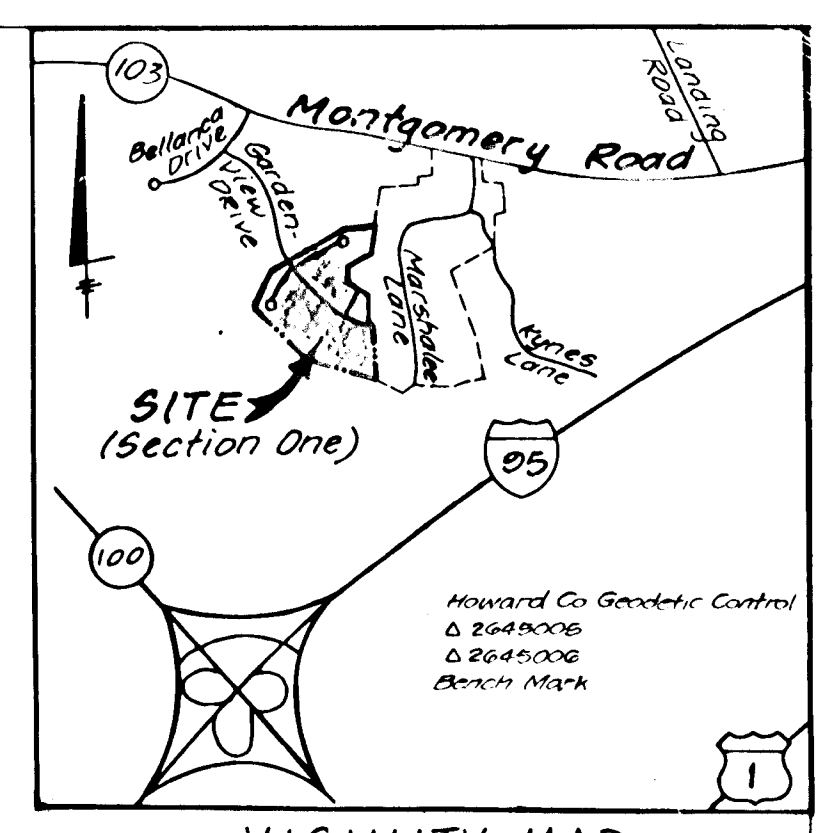


PLAN  
 SURVEYED BY: [Blank]  
 NOTE BOOK NO. [Blank]  
 DATE OF WAY CHECKED: [Blank]

PROFILE  
 SURVEYED BY: [Blank]  
 NOTE BOOK NO. [Blank]  
 DATE OF WAY CHECKED: [Blank]  
 STRUCTURE NOTATIONS CHECKED: [Blank]



- General Notes:
- All construction shall be in accordance with the latest standards and specifications of Howard County.
  - The contractor shall notify the Department of Public Works, Bureau of Construction Inspection at (410) 215-3580 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 48 hours prior to any excavation work.
  - Project background:
    - Location: Election District 1 Tax Map 37, Parcel 91, 656
    - Zoning: R-20
    - Section/Area: 1
    - Total Tract Area: 77.63 Ac.
    - Section Area: 23.9990 Ac.
    - Number of Proposed Lots: 39 (36 buildable)
    - Preliminary Plan approved 3/16/92, P-90-28
  - Traffic control devices, markings, and signing shall be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). All street and regulatory signs shall be in place prior to the placement of any asphalt.
  - Topographic survey was developed from aerial photogrammetric survey performed by Photogrammetric Services, Inc. on 3/16/89 and field run surveys by Land Design Engineering, Inc. May-July 1992. Contour interval is 2'.7.
  - Horizontal datum NAD 27. Vertical datum NAD 29.
  - Light poles and fixtures for street lights shall be in accordance with Howard County Design Manual, Volume III, Roads and Bridges.
  - Public water and sewer to be utilized.
  - Stormwater management is by extended detention in Basin #2. The 2 and 10-year storms pass through the principal spillway. Water quality is managed in Basin #2. Uncontrolled runoff areas are managed by drywells.
    - Drywells shall be sized according to Maryland Standards and Specifications for Storm Water Management Infiltration Practices. See Section 3.
  - Floodplain study to be approved as part of this Final Plan.
  - Wetlands delineation by Exploration Research, Inc. July 1988 and February 1989.
  - Geotechnical reports by Hillis-Carner.
  - Existing utilities were approximately located based on field observations and available drawings. All contractors shall test pit in advance of construction when crossing existing utilities. Any damage to existing utilities shall be repaired at the contractor's expense. No test pits of the 36" water main (contract 626-W) are to be made without prior notification of the engineer. 5 days notice to the Howard County Department of Public Works, and approval of the inspector. The Contractor shall notify the engineer immediately if test pits show utilities to deviate from approximate locations by more than 1' horizontally and .5' vertically.



- INDEX OF SHEETS
- ROAD CONSTRUCTION PLANS WOODRUSH COURT & GOLDEN FERN CT.
  - ROAD CONSTRUCTION PLANS GARDENVIEW DRIVE & SUMMER CYPRESS
  - ROAD CONSTRUCTION PLANS SITE DETAILS & DRAINAGE AREA MAP
  - ROAD CONSTRUCTION PLANS STORM DRAIN PROFILES
  - ROAD CONSTRUCTION PLANS GRADING, SEDIMENT & EROSION CONTROL, & S.W.M. PLAN & DRAINAGE AREA MAP.
  - ROAD CONSTRUCTION PLANS GRADING, SEDIMENT & EROSION CONTROL & S.W.M. PLAN & DRAINAGE AREA MAP.
  - ROAD CONSTRUCTION PLANS SEDIMENT & EROSION CONTROL DETAILS
  - ROAD CONSTRUCTION PLANS STORMWATER MANAGEMENT DETAILS

**BENCH MARKS:**

HOWARD COUNTY MONUMENT # 2645005 - ELEV. 291.729  
 CONCRETE MONUMENT 0'3" BELOW SURFACE AT TOP OF BANK

HOWARD COUNTY MONUMENT # 2645006 - ELEV. N/A  
 CONCRETE MONUMENT 0'2" BELOW SURFACE AT TOP OF BANK

**STREET LIGHT LEGEND**

100 WATT HIGH PRESSURE SODIUM VAPOR TRADITIONAL POST TOP FIXTURE MOUNTED AT 14' ON A BLACK FIBERGLASS POLE.

NOTE: STREET LIGHTS TO BE PLACED IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL III.

**STREET TREE TABLE**

SYMB	COMMON NAME	BOTANICAL NAME	QUAN	SIZE	REMARKS
(+)	AUTUMN FLAME	ACER RUBRUM	64	2" 2 1/2" Cal. 12' 14" H.	B & B
(o)	REDSPIRE	PYRUS CALLERYANA	42	2" 2 1/2" Cal. 12' 14" H.	B & B

**CURB & GUTTER LEGEND**

STD. 7" COMBINATION CURB & GUTTER (R-3.01)

MODIFIED COMBINATION CURB & GUTTER R-3.01

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.  
 Date: 8/27/93  
 [Signature]

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Date: 8/24/93  
 [Signature]

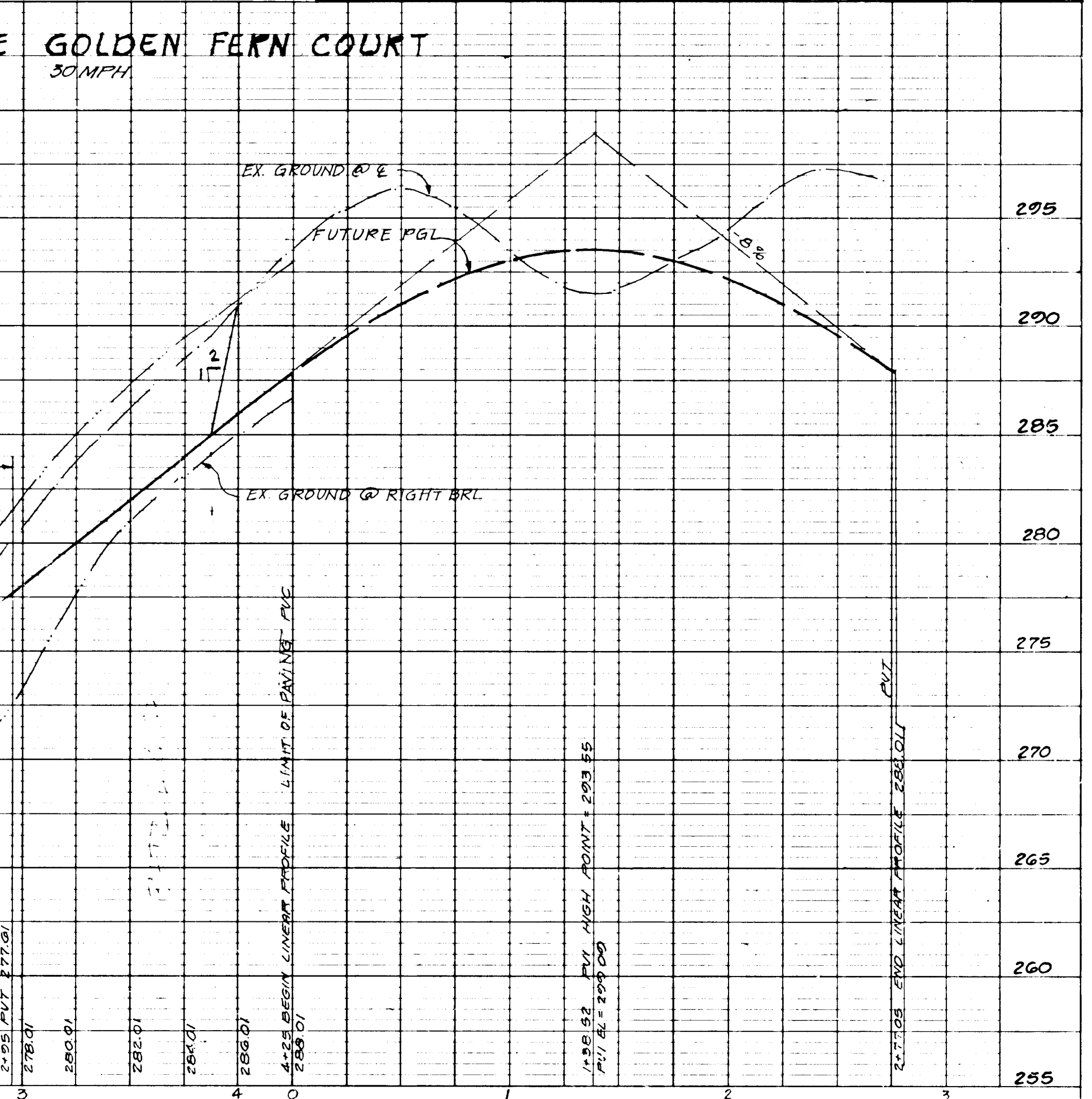
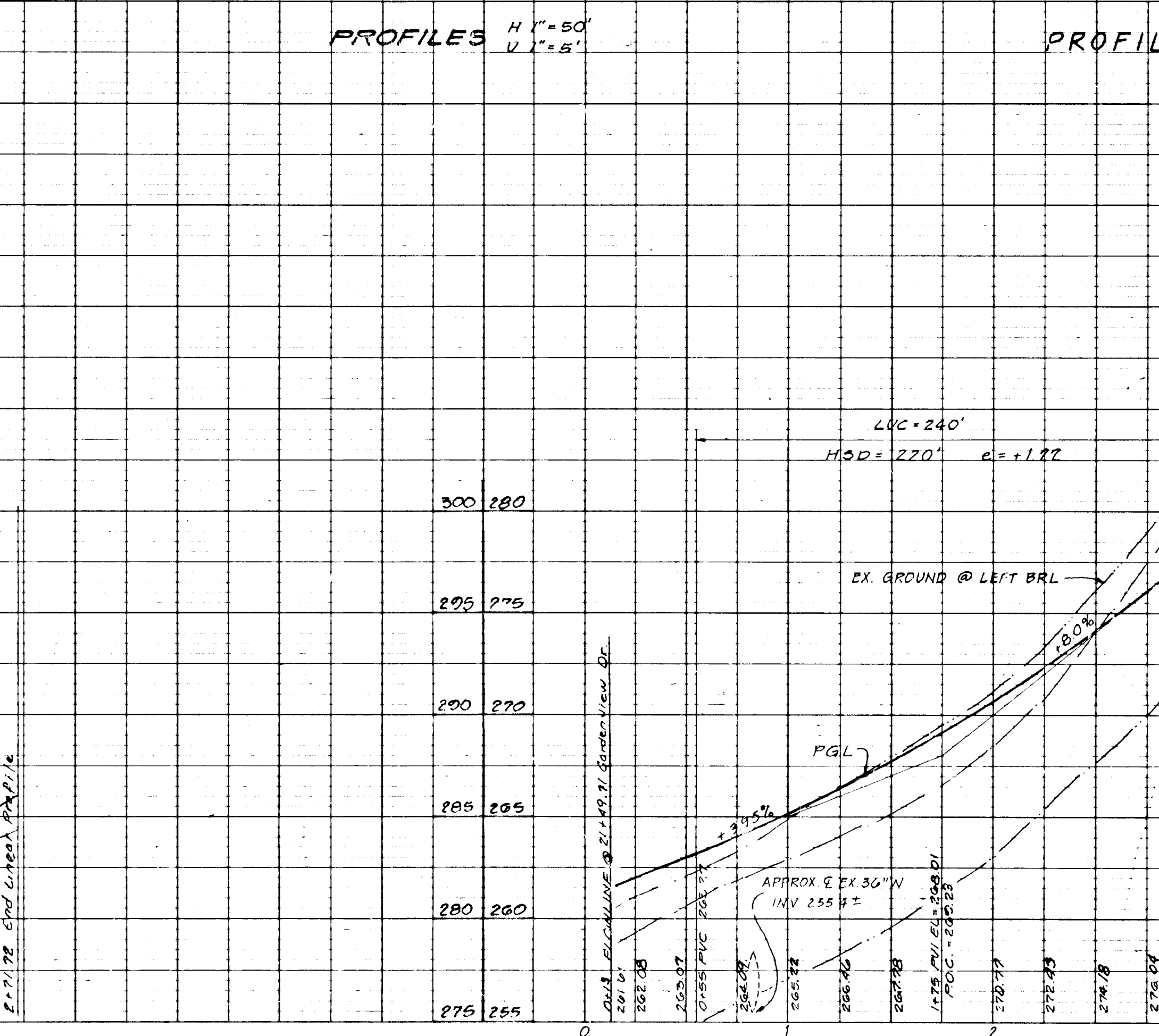
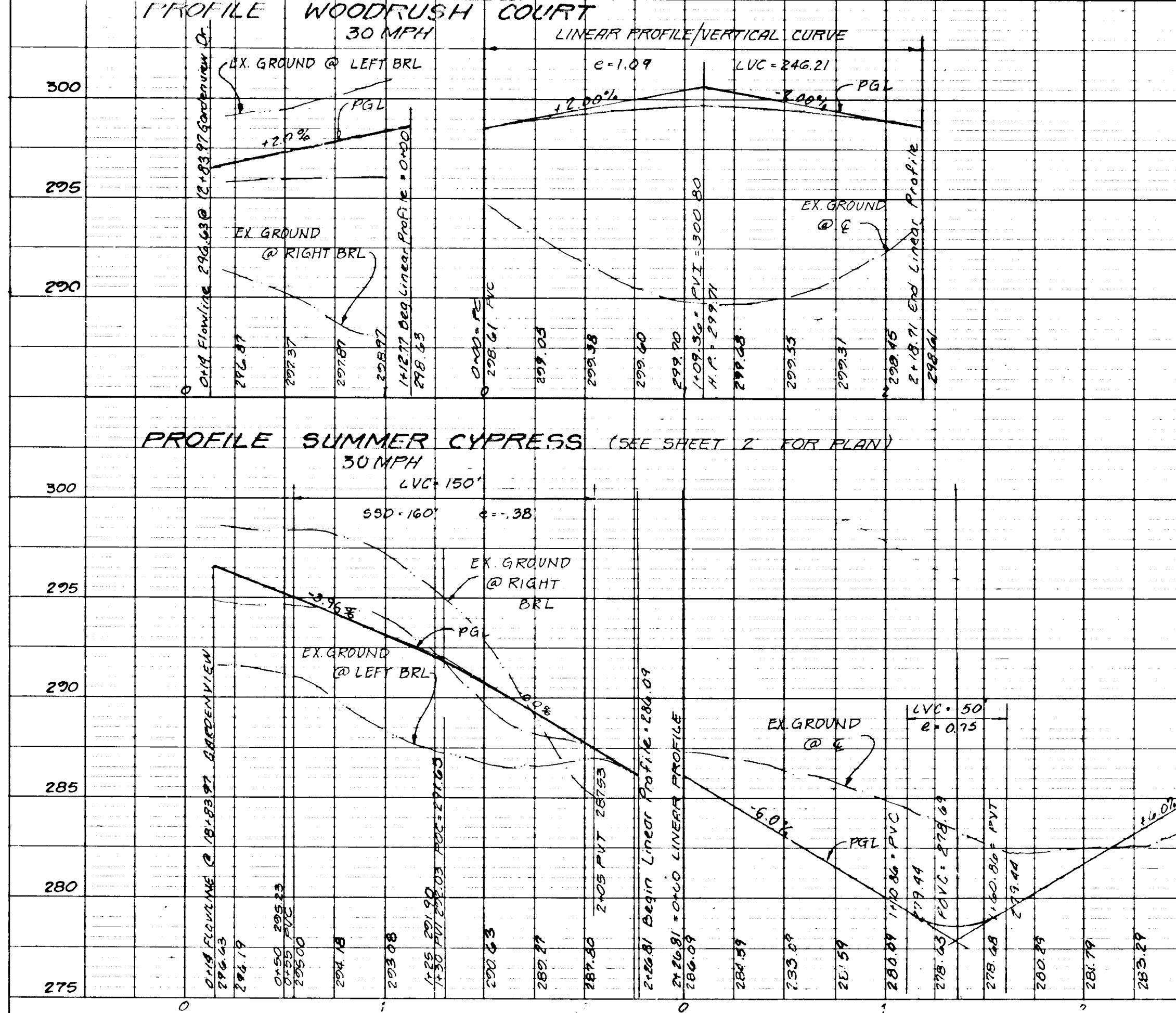
DATE: 8/26/93

**LAND DESIGN ENGINEERING, INC.**  
 10620 Guilford Road • Suite 210 • Jessup • Maryland 20794  
 (301) 604-6264 (Wash.) (410) 880-0034 (Balto.) (301) 604-6735 (Fax.)

DESIGNED: TD/ILM  
 DRAWN: WJ/ILM  
 CHECKED: RM  
 DATE: 10-92

SCALE: AS SHOWN  
 DRAWING: 1 OF 8  
 JOB NO.: 92-100  
 FILE NO.: 9213.3.1A

OWNER/DEVELOPER: F. G. Marker Co.  
 5900 Princess Garden Parkway  
 Lanham, Md. 20706 (301) 459-5586



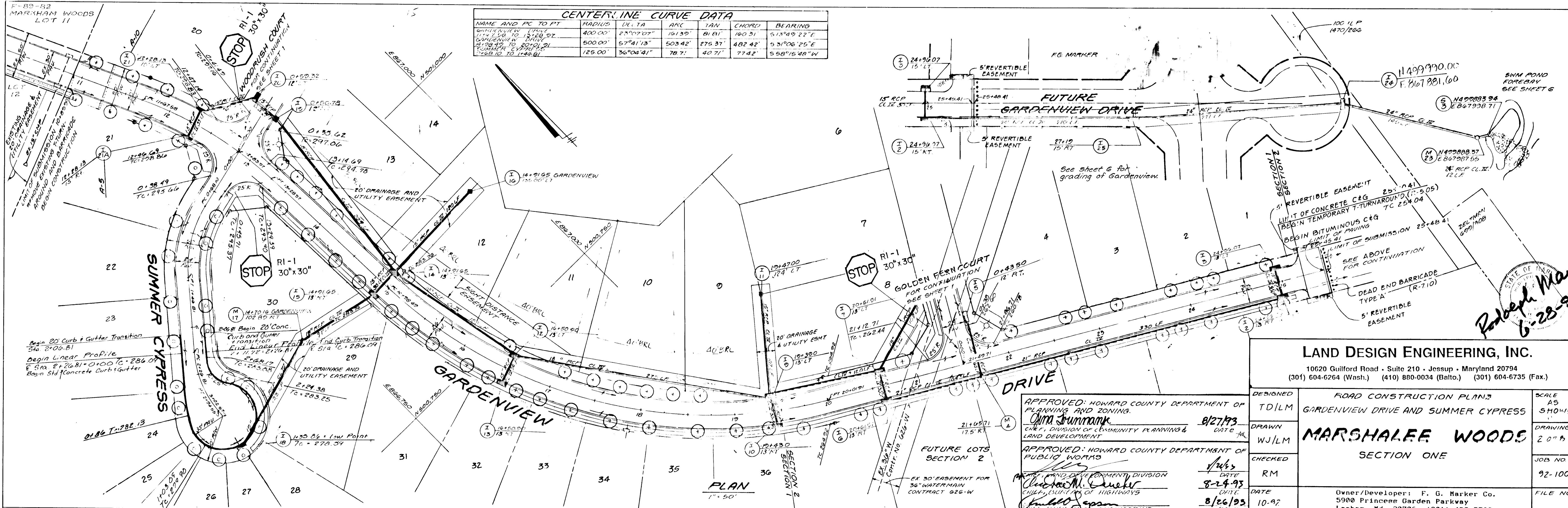
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DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
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 REVISIONS: \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

NAME AND PC TO PT	RADIUS	DELTA	ARC	TAN	CHORD	BEARING
11+47.58 TO 12+188.92	400.00'	23°07'07"	161.30'	81.61'	160.31'	S 13°49'22" E
12+188.92 TO 13+000.00	500.00'	57°41'13"	503.42'	275.37'	482.42'	S 31°06'25" E
13+000.00 TO 14+581.00	125.00'	36°04'41"	78.71'	40.71'	77.42'	S 55°15'48" W



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.  
*Chris J. Jurney* 8/27/93  
 CHIEF, DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT  
 APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*Christopher M. Cawley* 8-24-93  
 CHIEF, DIVISION OF HIGHWAYS  
 APPROVED: LAND DEVELOPMENT DIVISION  
*Paul J. Egan* 8/26/93  
 CHIEF, DIVISION OF ENGINEERING

**LAND DESIGN ENGINEERING, INC.**  
 10620 Guilford Road • Suite 210 • Jessup • Maryland 20794  
 (301) 604-6264 (Wash.) (410) 880-0034 (Baltimore) (301) 604-6735 (Fax.)

DESIGNED	TD/MLM	SCALE	AS SHOWN
DRAWN	WJ/LM	DRAWING	20-B
CHECKED	RM	JOB NO.	92-100
DATE	10-97	FILE NO.	

ROAD CONSTRUCTION PLANS  
**GARDENVIEW DRIVE AND SUMMER CYPRESS**  
**MARSHALEE WOODS**  
 SECTION ONE

Owner/Developer: F. G. Marker Co.  
 5900 Princess Garden Parkway  
 Lanham, Md. 20706 (301) 459-5586

*Robert M. ...*  
 6-28-93

1667

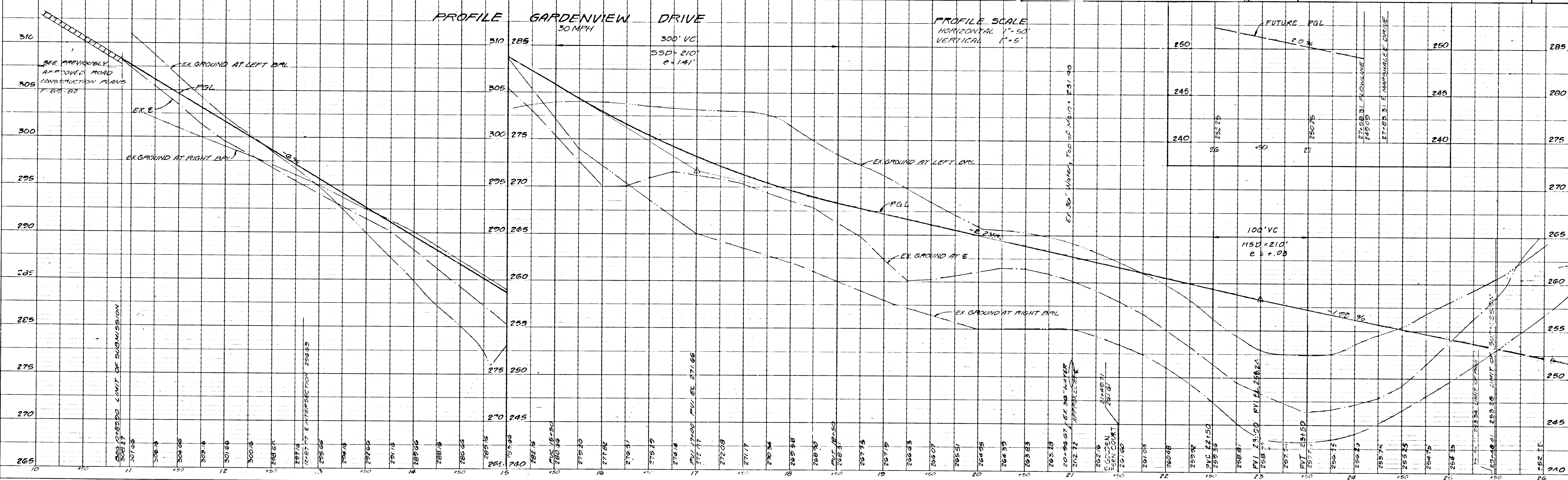
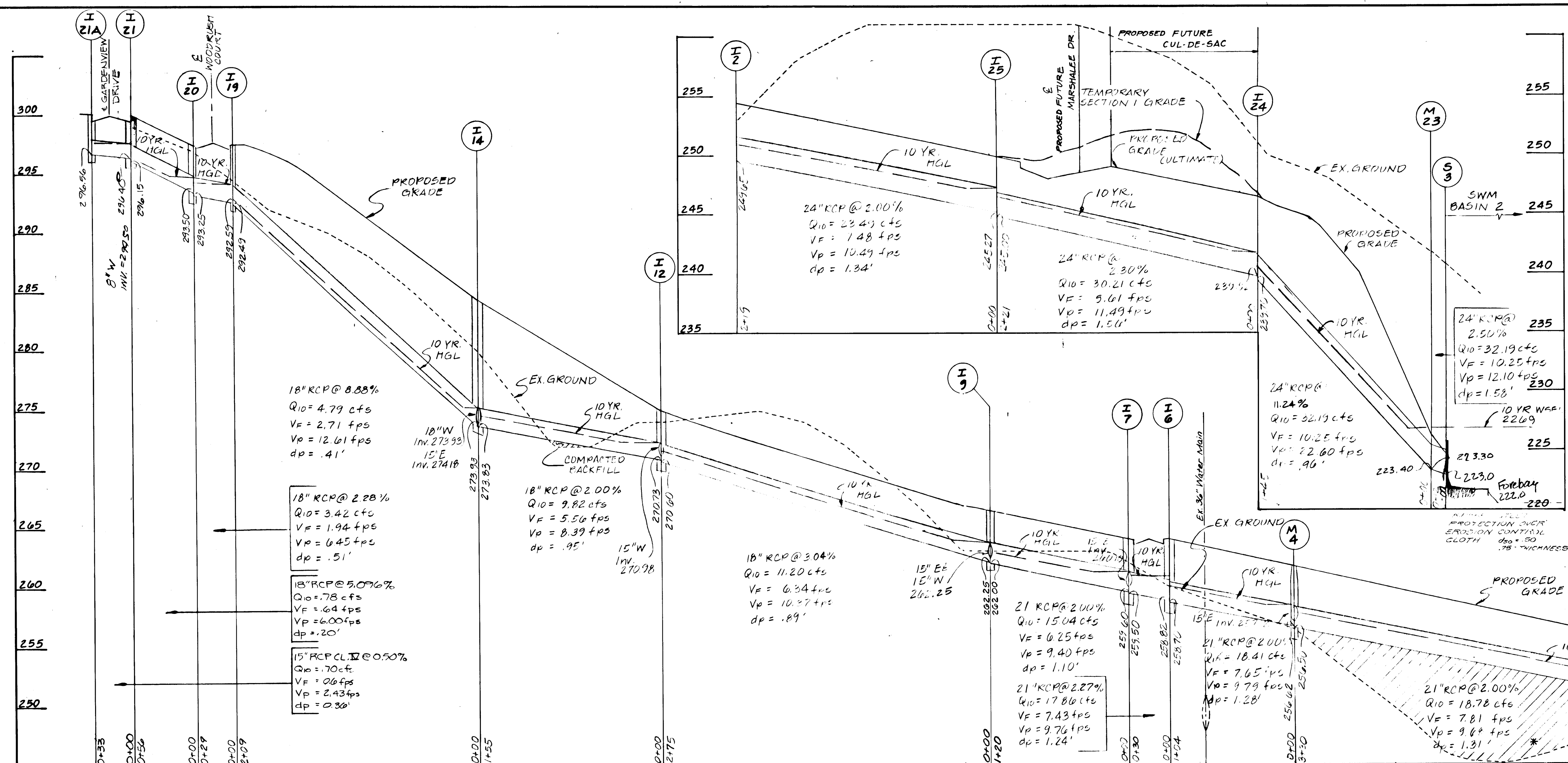


PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE  
 PRINTED IN U.S.A.





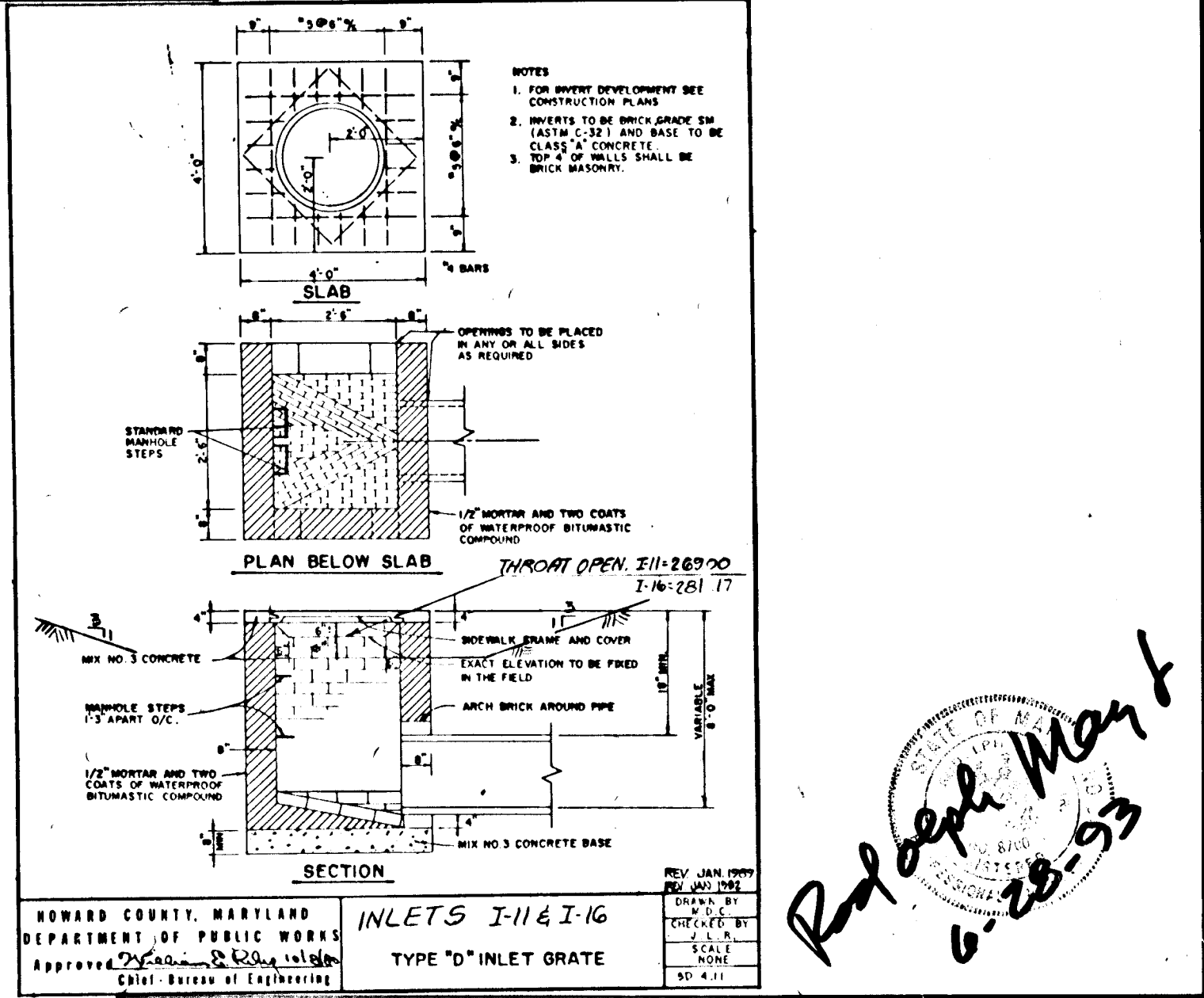
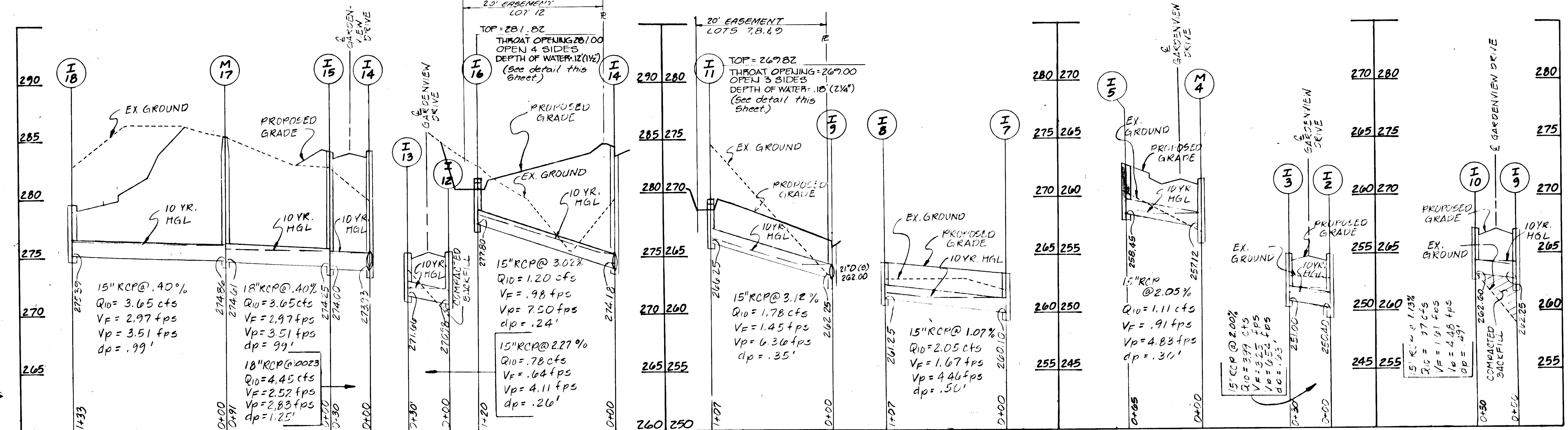




STRUCTURE SCHEDULE									
NO.	TYPE	UPSTREAM INV. IN	DOWNSTREAM INV. OUT	TOP ELEVATION UPPER	LOWER	REMARKS	LOCATION		
I-2	A-10	249.90/258.40	249.60	254.43	254.23	SD 4.02	STA. 24+96.07 GARDENVIEW 15' RT		
I-3	A-10	-	251.80	254.43	254.23	SD 4.02	STA. 24+96.07 GARDENVIEW 15' LT		
I-5	A-10	-	258.45	263.01	262.62	SD 4.02	STA. 0+43.90 GOLDEN FERN 12' RT		
I-6	A-5	258.82	258.70	263.62	263.49	SD 4.01	STA. 20+61.91 GARDENVIEW 15' RT		
I-7	A-10	260.10/259.60	259.50	263.68	263.43	SD 4.02	STA. 20+61.91 GARDENVIEW 15' LT		
I-8	A-10	-	261.25	264.98	264.58	SD 4.02	STA. 0+98.50 GOLDEN FERN 12' RT		
I-9	A-5	262.10/262.10	262.00	266.87	266.76	SD 4.01	STA. 19+99.00 GARDENVIEW 15' LT		
I-10	A-10	-	262.60	266.30	266.07	SD 4.02	STA. 19+99.00 GARDENVIEW 15' RT		
I-11	D*	267.00	266.25	-	269.82	SD 4.11	Sta. 19+18.16 GARDENVIEW 12' RT		
I-12	A-10	270.73/278.98	270.60	275.49	275.01	SD 4.02	STA. 16+58.90 GARDENVIEW 15' LT		
I-13	A-10	-	271.66	275.49	275.01	SD 4.02	STA. 16+58.90 GARDENVIEW 15' RT		
I-14	A-10	273.93/273.93	273.83	284.06	283.86	SD 4.02	STA. 14+91.65 GARDENVIEW 15' LT		
I-15	A-10	274.25	274.08	284.06	283.86	SD 4.02	STA. 14+91.65 GARDENVIEW 15' RT		
I-16	D*	281.00	280.80	-	288.82	SD 4.11	STA. 14+91.65 GARDENVIEW 15' LT		
I-18	A-5	-	275.50	-	278.59	SD 4.01	STA. 1+35.80 L.P. SUMMER CYPRESS		
I-19	A-5	292.59	292.49	297.45	297.25	SD 4.01	STA. 0+58.78 WOODRUSH CT 12' RT		
I-20	A-10	293.58	293.25	297.62	297.42	SD 4.02	STA. 0+59.32 WOODRUSH CT 12' LT		
I-21	A-10	296.40	296.15	308.27	299.67	SD 4.02	STA. 12+28.13 GARDENVIEW 15' LT		
M-4	SHAL MH	256.62/257.12	256.50	-	261.31	G 5.12	STA. 21+67.61 GARDENVIEW 15' RT		
M-17	SFD MH	274.86	274.61	-	286.51	G 5.12	STA. 14+78.16 GARDENVIEW 182.89' RT		
I-25	A-5	279.27	279.00	280.02	279.88	SD 4.01	STA. 27+15.10, 13' RT		
M-23	SHAL MH	222.40	222.30	228.20	-	G 5.12	N 499,888.37		
S-3	EW	222.00	-	224.75	-	SD 5.21	N 499,888.94		
S-2	RIBER	222.00	222.00	225.5	-	M 6.9	N 499,725.20		
S-1	NW	218.5	-	220.75	-	SD 3.21	N 499,875.44		
I-21A	A-5	-	296.96	300.27	299.67	SD 4.01	STA. 12+28.13 GARDENVIEW 15' RT		

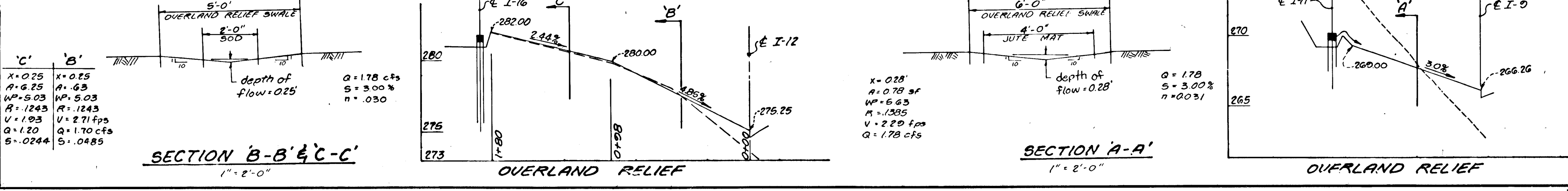
\* Gasket joints for all storm drains placed in fill.

NOTE: PROFILE CONTINUED ABOVE



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.  
 Anna Drumann  
 8/27/93

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 [Signature]  
 8/26/93



LAND DESIGN ENGINEERING, INC.  
 10620 Guilford Road - Suite 210 - Jessup - Maryland 20794  
 (301) 604-6264 (Wash.) (410) 880-0034 (Baltimore) (301) 604-6735 (Fax.)

DESIGNED LM  
 DRAWN LM  
 CHECKED RM

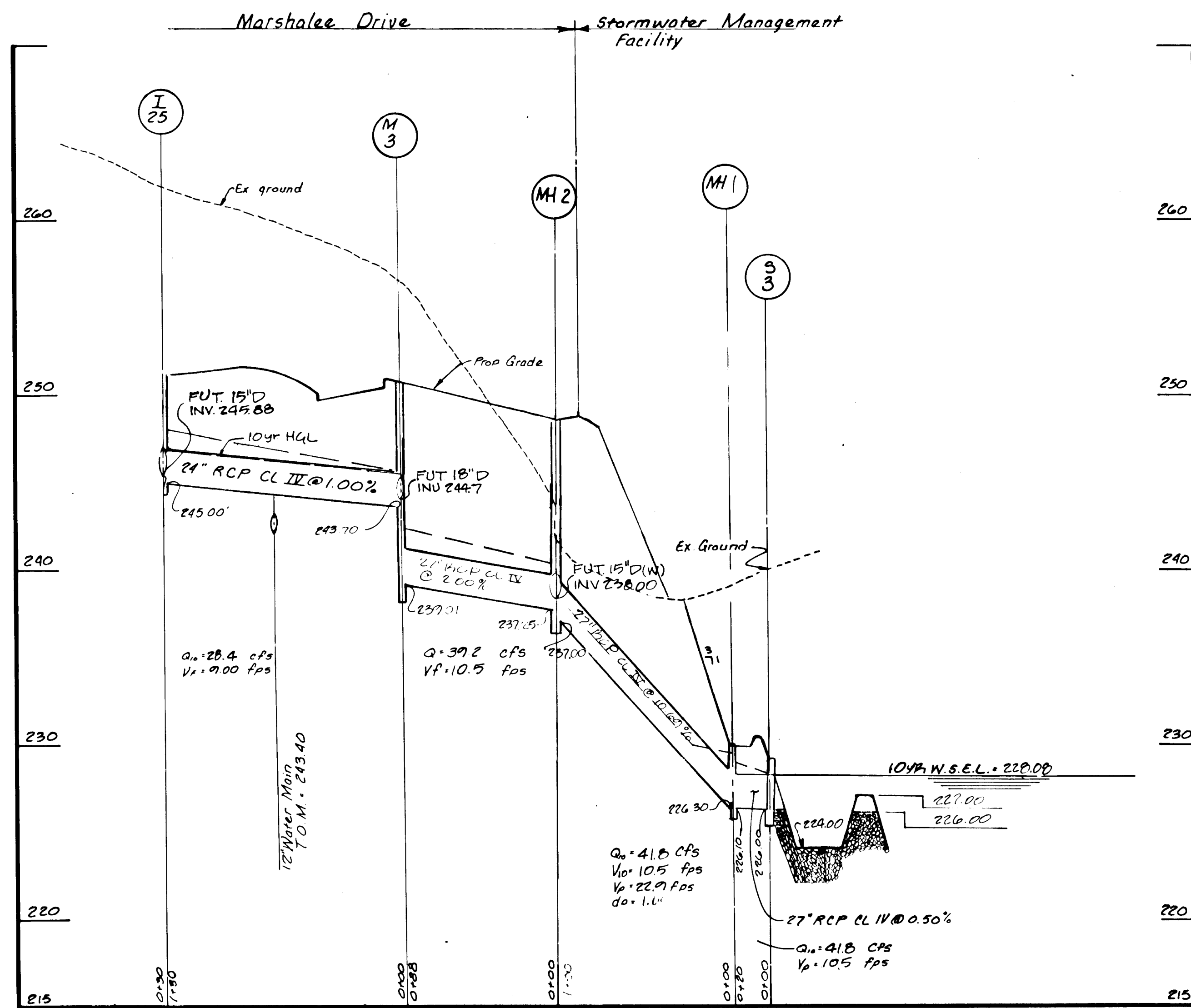
ROAD CONSTRUCTION PLANS  
 STORM DRAIN PROFILES

MARSHALEE WOODS  
 SECTION ONE

DATE 10-92

Owner/Developer: F. G. Marker Co.  
 5900 Princess Garden Parkway  
 Lanham, Md. 20706 (301) 459-5586

SCALE 1" = 50' H.  
 1" = 5' V.  
 DRAWING 4 OF 8  
 JOB NO. 92-100  
 FILE NO.



Storm Drain Profile

Scale  
1" = 50' Horiz.  
1" = 5' Vert.

Structure Schedule							
No.	Type	Upstream Side Inv. (ft)	Downstream Side Inv. (ft)	Top Elevation UPPER	LOWER	Remarks	Location
I-25	AS	216.52(N) 213.32(N)	245.00	250.91		SD 401	Gardenvue Dr. Sta. 20+97.3 RT
M-3	STD M.H.	244.70(W) 244.70(W)	237.01	250.68	Q.3.01	N 500,008.0 E 867,738.0	
M-2	STD M.H.	237.00(N) 238.00(W)	237.00	248.90	Q.5.01	N 499,930.0 E 867,720.0	
M-1	SHAL M.H.	226.30	226.10	230.00	G.5.05	N 499,874.00 E 867,802.00	
S-3	C H.W.		226.00	229.00	SD 5.21	N 499,868.0 E 867,820.0	
S-2		216.00	229.50	229.50	Riser	N 499,680.0 E 868,028.0	
S-1	H.W.		215.80		SD 5.21	N 499,515.0 E 868,071.0	

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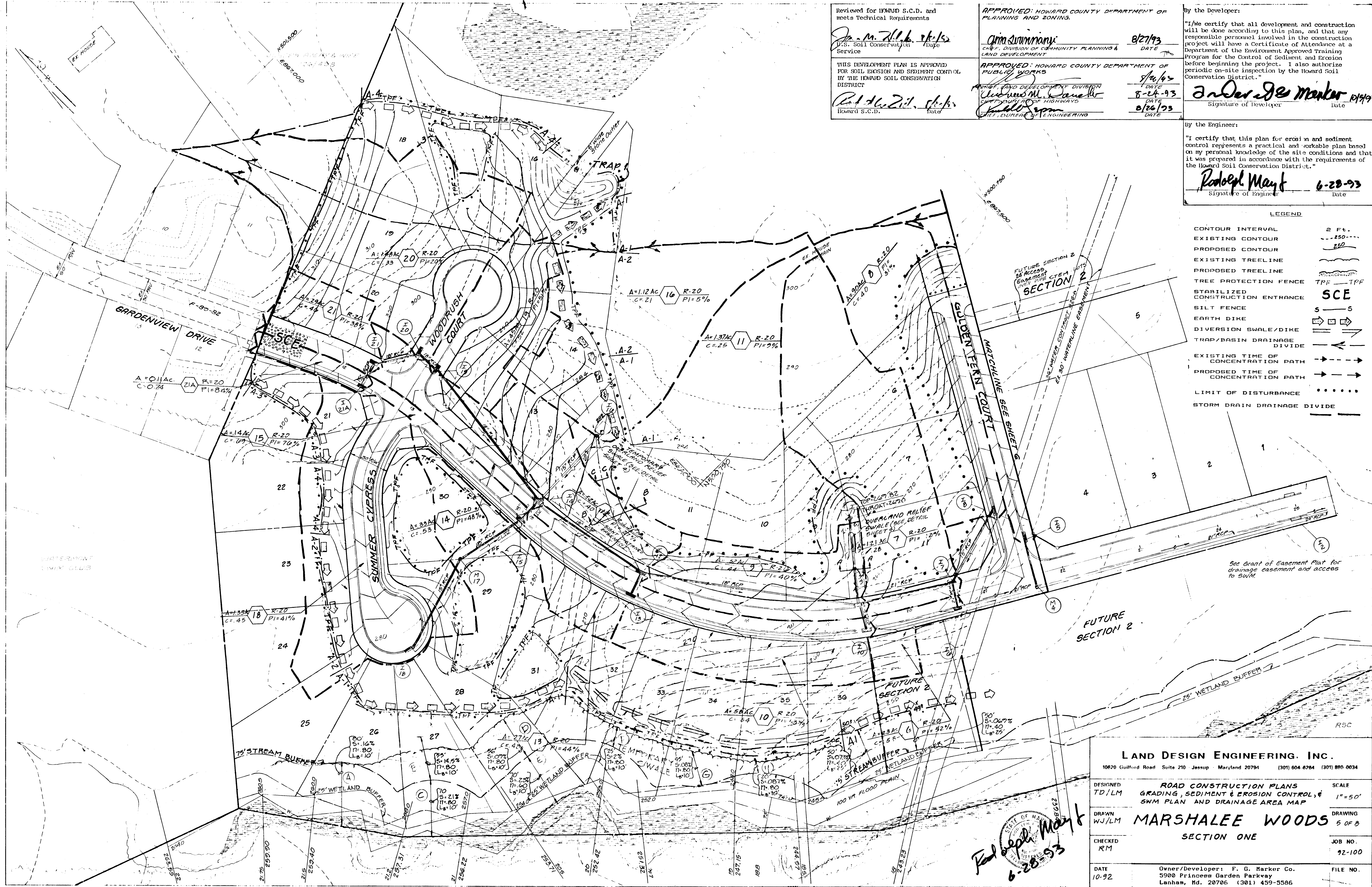
APPROVED: Department of Planning and Zoning  <i>Oliver J. Jaramony</i> Chief, Division of Land Development and Research Date: 10/17/94	APPROVED: Department of Public Works for Storm Drainage Systems and Roads  <i>Charles J. ...</i> Chief, Land Development Division Date: 10/18/94  <i>Richard ...</i> Chief, Bureau of Engineering Date: 10/18/94  <i>Thomas ...</i> Chief, Bureau of Highways Date: 10-18-94
----------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



Land Design Engineering, Inc.  
 8035 Columbia 100 Parkway Unit N. Columbia, Md. 21045  
 (410) 715-1070 (301) 596-3424 (410) 715-0681 (Fax)

Designed	Road Construction Plans	Scale: as shown
Drawn	Storm Drain Profiles	Drawing 40 of 3
Checked	Marshalee Woods	Job No. 92-100
Date	SECTION 1	File No.
5/94	Owner/Developer: F.G. Marker Co. 5900 Princess Garden Parkway Lanham, Md. 20706 (301) 459-5586	





Reviewed for HOWARD S.C.D. and meets Technical Requirements  
 J. M. Zilberstein  
 U.S. Soil Conservation Service  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
 Robert Zilberstein  
 Howard S.C.D.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 Chris Swann  
 CHIEF, DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT  
 8/27/93  
 DATE  
 APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Andrew M. Danells  
 CHIEF, LAND DEVELOPMENT DIVISION  
 CURT BUREAU OF HIGHWAYS  
 8-26-93  
 DATE  
 Paul J. Ryan  
 CHIEF, BUREAU OF ENGINEERING  
 8/26/93  
 DATE

By the Developer:  
 "I/we certify that all development and construction will be done according to this plan, 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."  
 F. G. Marker  
 Signature of Developer  
 8/19/93  
 Date

By the Engineer:  
 "I 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."  
 Robert Mayt  
 Signature of Engineer  
 6-28-93  
 Date

LEGEND

CONTOUR INTERVAL	2 Ft.
EXISTING CONTOUR	--- 250 ---
PROPOSED CONTOUR	--- 250 ---
EXISTING TREELINE	~~~~~
PROPOSED TREELINE	~~~~~
TREE PROTECTION FENCE	TPF --- TPF
STABILIZED CONSTRUCTION ENTRANCE	SCE
SILT FENCE	S --- S
EARTH DIKE	▣
DIVERSION SWALE/DIKE	▣
TRAP/BASIN DRAINAGE DIVIDE	▣
EXISTING TIME OF CONCENTRATION PATH	→
PROPOSED TIME OF CONCENTRATION PATH	→
LIMIT OF DISTURBANCE	.....
STORM DRAIN DRAINAGE DIVIDE	---

See Grant of Easement Plat for drainage easement and access to SWM.

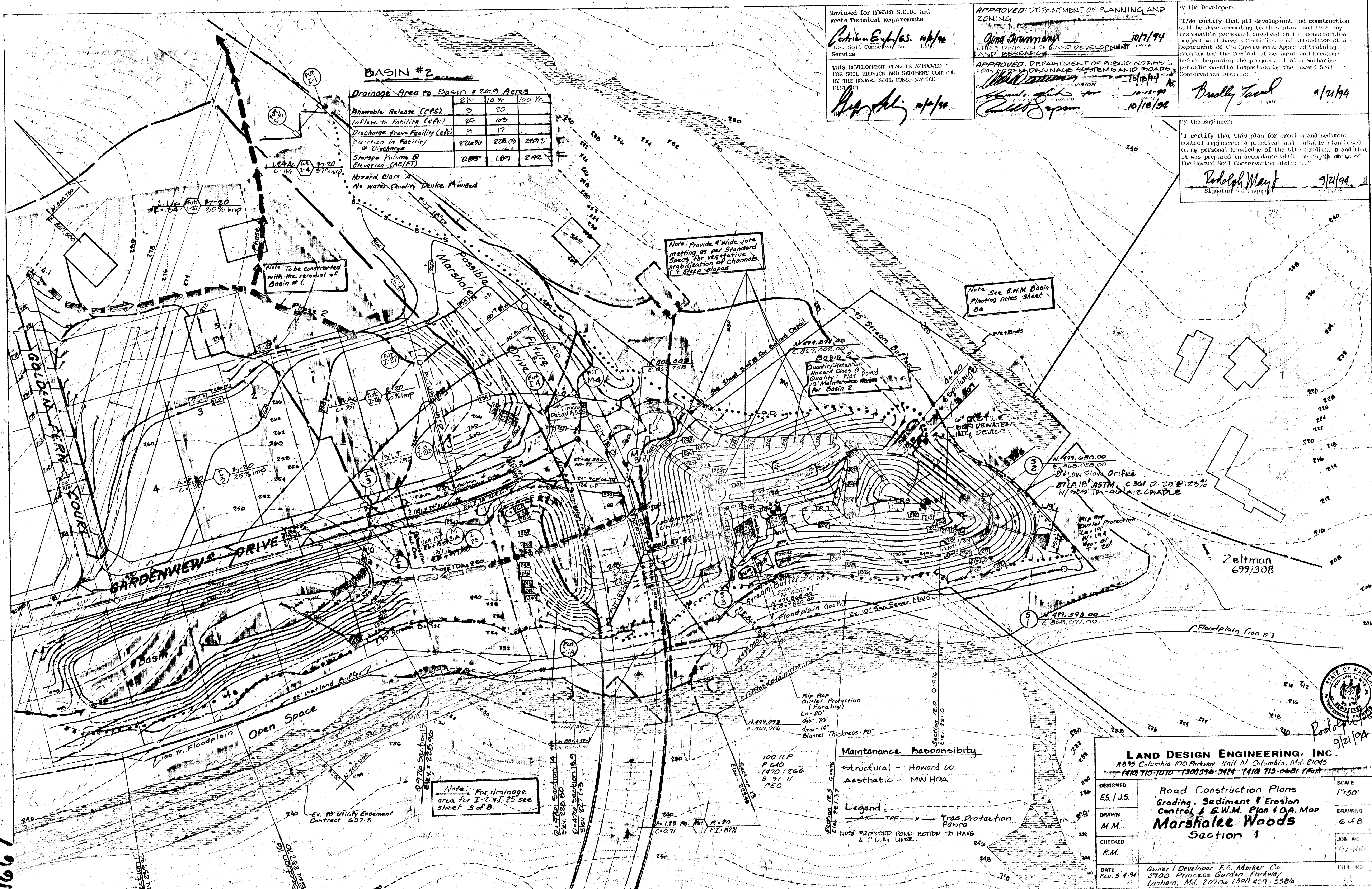
1001

Paul J. Ryan  
 6-28-93

**LAND DESIGN ENGINEERING, INC.**  
 10620 Guilford Road, Suite 210 Jessup, Maryland 20794 (301) 604-8764 (301) 860-0034

DESIGNED TD/LM	ROAD CONSTRUCTION PLANS GRADING, SEDIMENT & EROSION CONTROL, & SWM PLAN AND DRAINAGE AREA MAP	SCALE 1"=50'
DRAWN WJ/LM	<b>MARSHALEE WOODS</b>	DRAWING 5 OF 8
CHECKED RM	<b>SECTION ONE</b>	JOB NO. 92-100
DATE 10-92	Owner/Developer: F. G. Marker Co. 5900 Princess Garden Parkway Lanham, Md. 20706 (301) 459-5586	FILE NO.





**BASIN #2**

Drainage Area to Basin # 20.9 Acres

	2Yr	10 Yr	100 Yr
Allowable Release (CFS)	3	20	
Inflow to facility (CFS)	24	63	
Discharge from Facility (CFS)	3	17	
Retention in Facility @ Discharge	22690	228.00	229.11
Storage Volume @ Elevation (AC/FT)	0.85	1.87	2.42

Hazard Class A  
No Water Quality Device Provided

Reviewed for HOWARD S.C.D. and meets Technical Requirements  
*Colleen Engler* 10/1/94  
 DIST. SOIL CONSERVATION DISTRICT Service

APPROVED DEPARTMENT OF PLANNING AND ZONING  
*Olga Strumman* 10/7/94  
 DIST. DIVISION OF LAND DEVELOPMENT AND RESEARCH

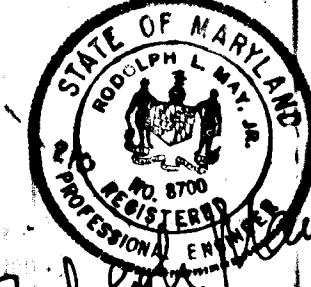
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
*Reginald* 10/1/94

APPROVED DEPARTMENT OF PUBLIC WORKS FOR DRAINAGE SYSTEMS AND ROADS  
*Charles* 10/10/94  
*Richard* 10/10/94

By the Developer:  
*Bruce Taylor* 1/21/94

By the Engineer:  
*Rodolph May* 9/21/94

1667



**LAND DESIGN ENGINEERING, INC.**  
 8935 Columbia 100 Parkway Unit N Columbia, Md 21045  
 (410) 715-1070 (301) 598-3124 (410) 715-0681 FAX

DESIGNED ES / J.S.  
 DRAWN M.M.  
 CHECKED R.M.  
 DATE Rev. 8/4/94

SCALE 1"=50'  
 DRAWING 6 of 8  
 JOB NO. 12-116  
 FILE NO.

**Road Construction Plans  
 Grading, Sediment & Erosion Control & S.W.M. Plan & D.A. Map  
 Marshalee Woods  
 Section 1**

Owner / Developer F.G. Marker Co.  
 5900 Princess Garden Parkway  
 Lanham, Md. 20706 (301) 459-5586

Maintenance Responsibility  
 Structural - Howard Co.  
 Aesthetic - MW HOA

Legend  
 --- TPF --- Tree Protection Fence  
 --- Proposed Pond Bottom to Have a 1" Clay Liner

Note: For drainage area for I-241-25 see sheet 3 of B.

Rip Rap Outlet Protection (Sore boy)  
 La = 20'  
 db = 70"  
 dmax = 14"  
 Diagonal Thickness = 20"

100 ILP  
 P 640  
 1470 / 266  
 S-91-11  
 REC

Zeltman  
 699/308

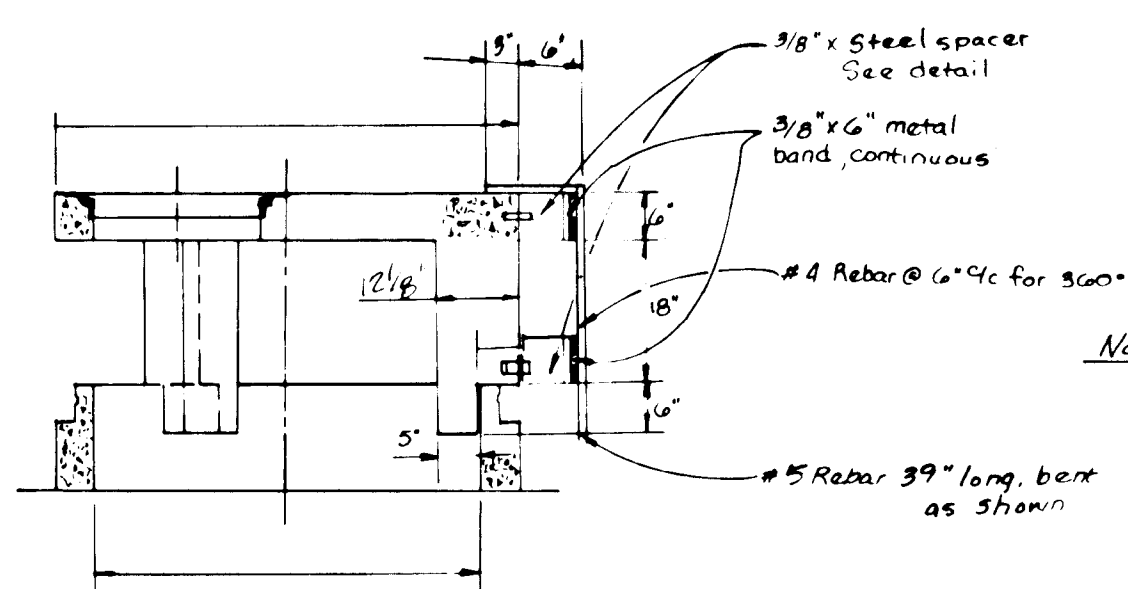
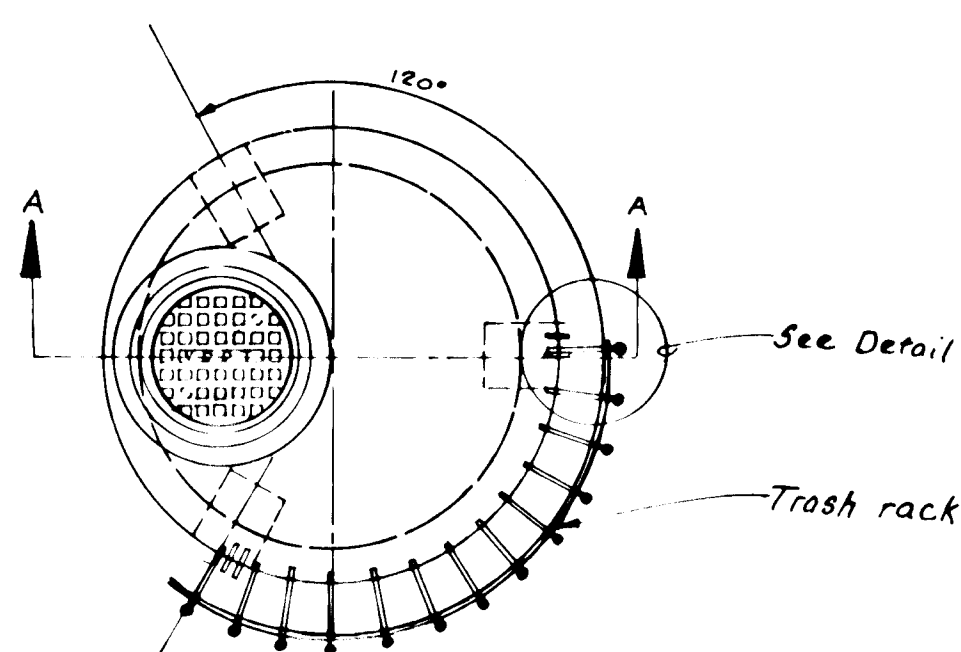






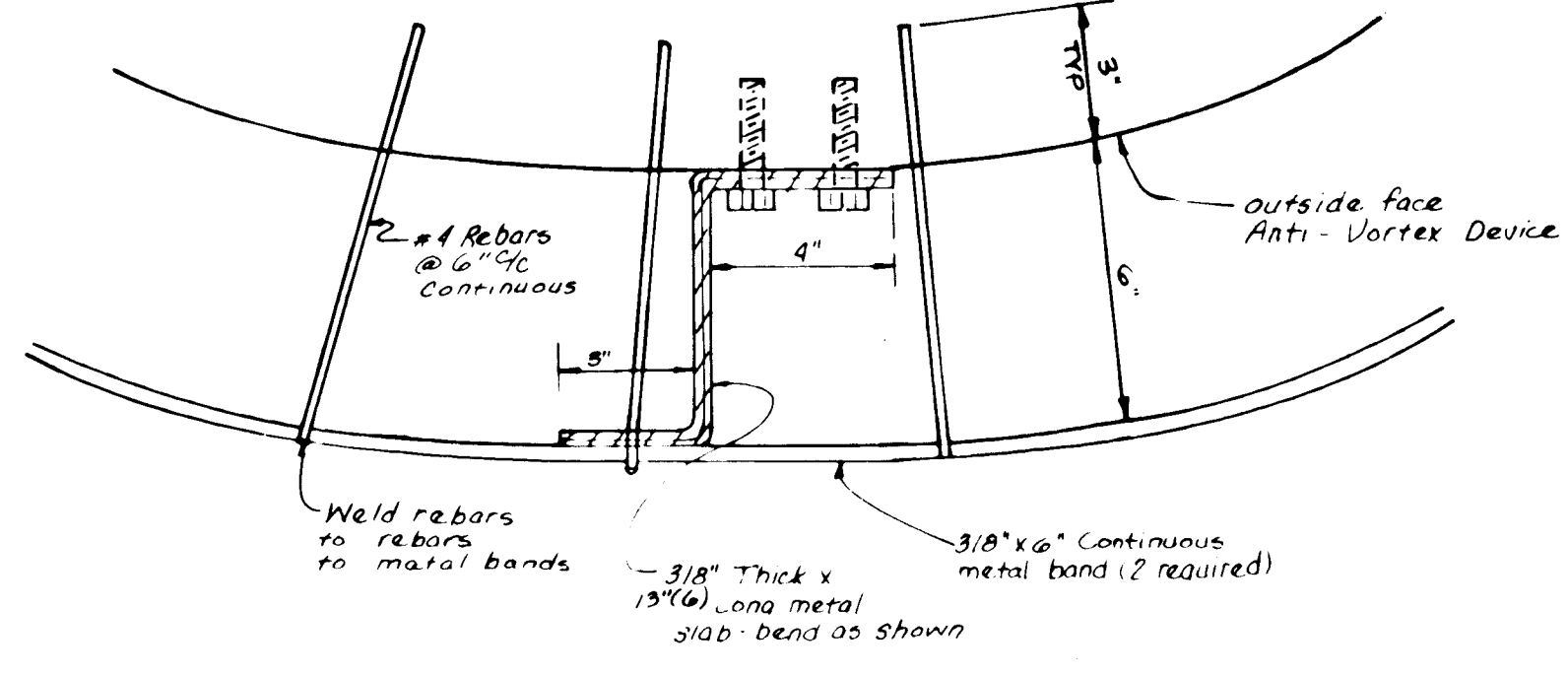




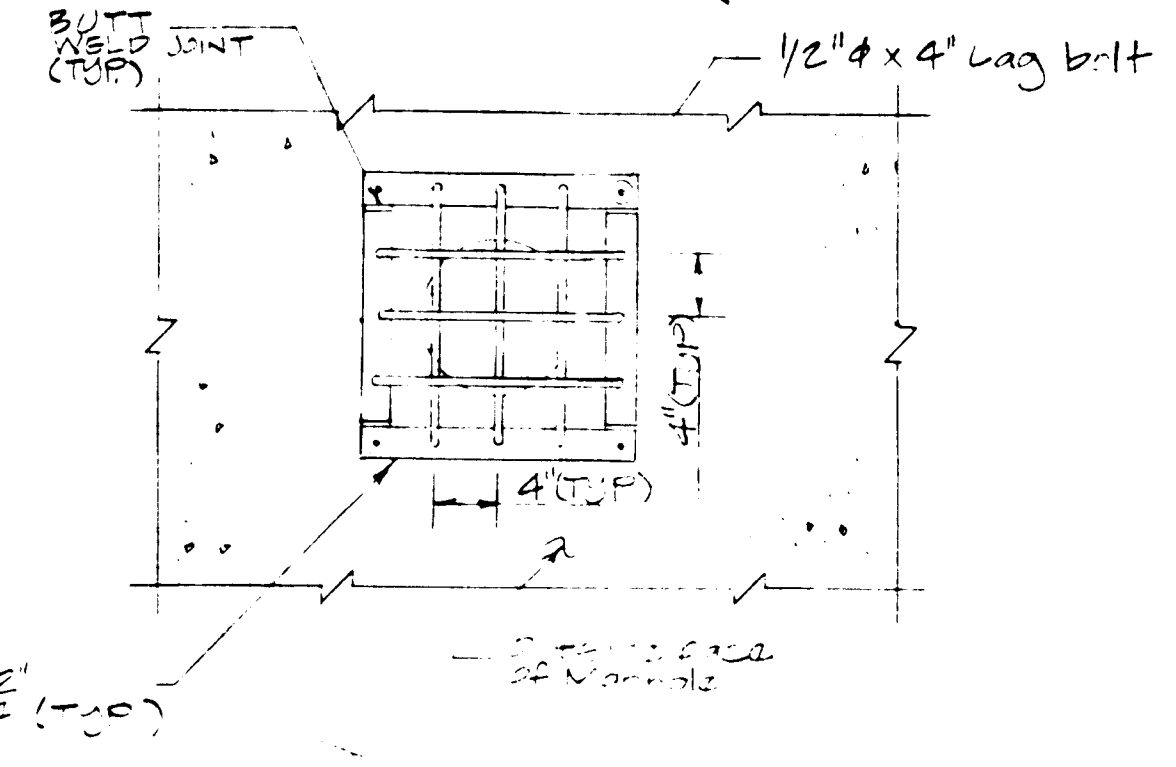
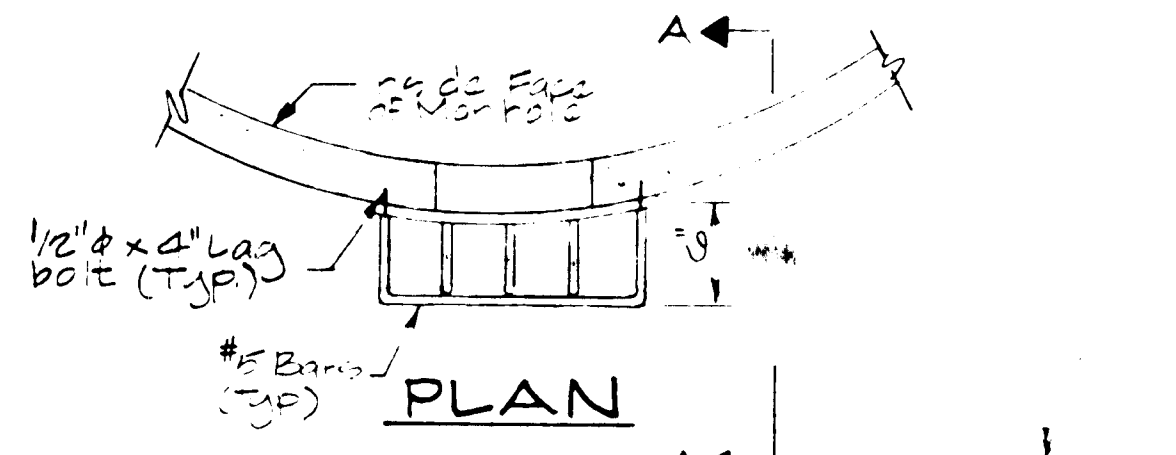


Typical Trash Rack (N.T.S.)

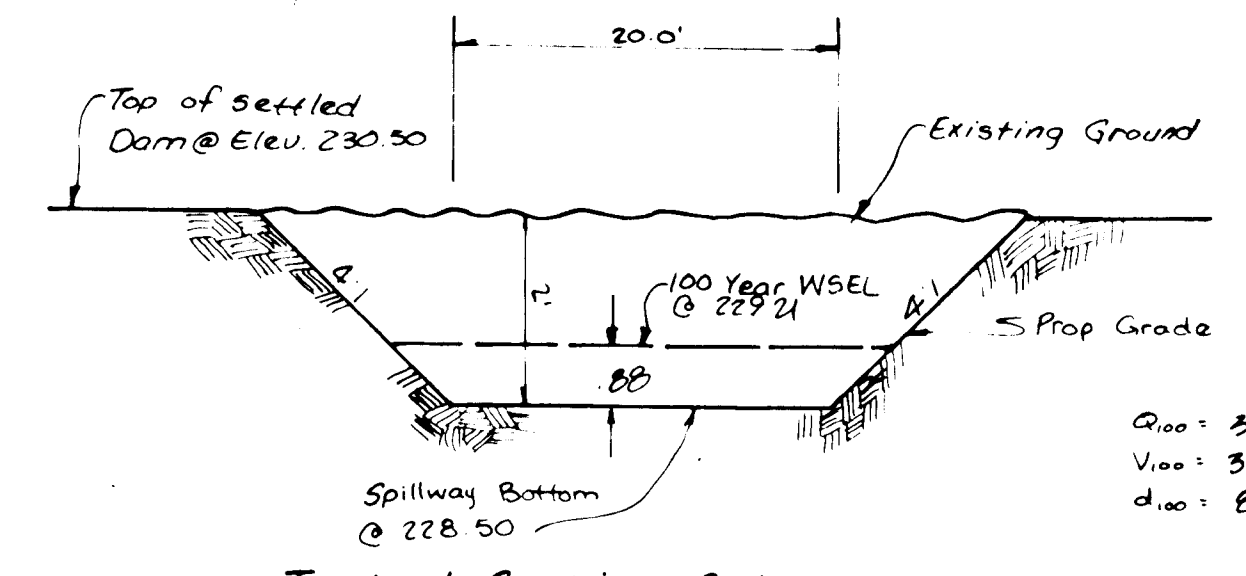
Note: The steel used in the trash rack to be galvanized and painted Battleship Gray



PRINCIPAL SPILLWAY Trash Rack Detail Scale

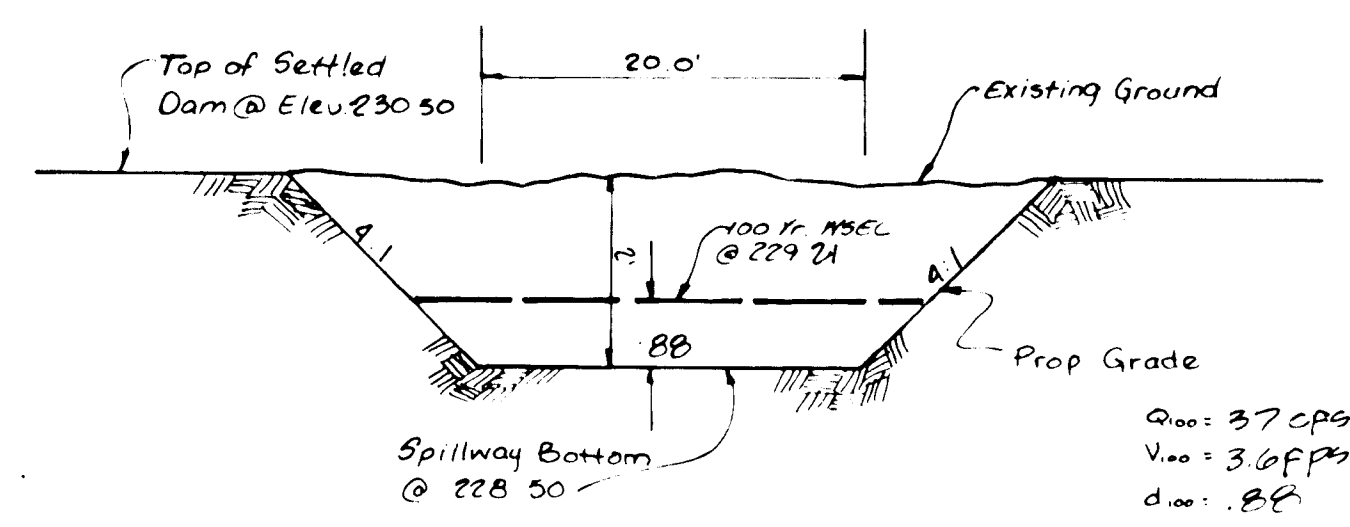


TRASH RACK ELEVATION



Typical Section Spillway #1 N.T.S.

Area = 37 LF<sup>2</sup>  
Vol = 3.6 LF<sup>3</sup>  
Dia = 88"

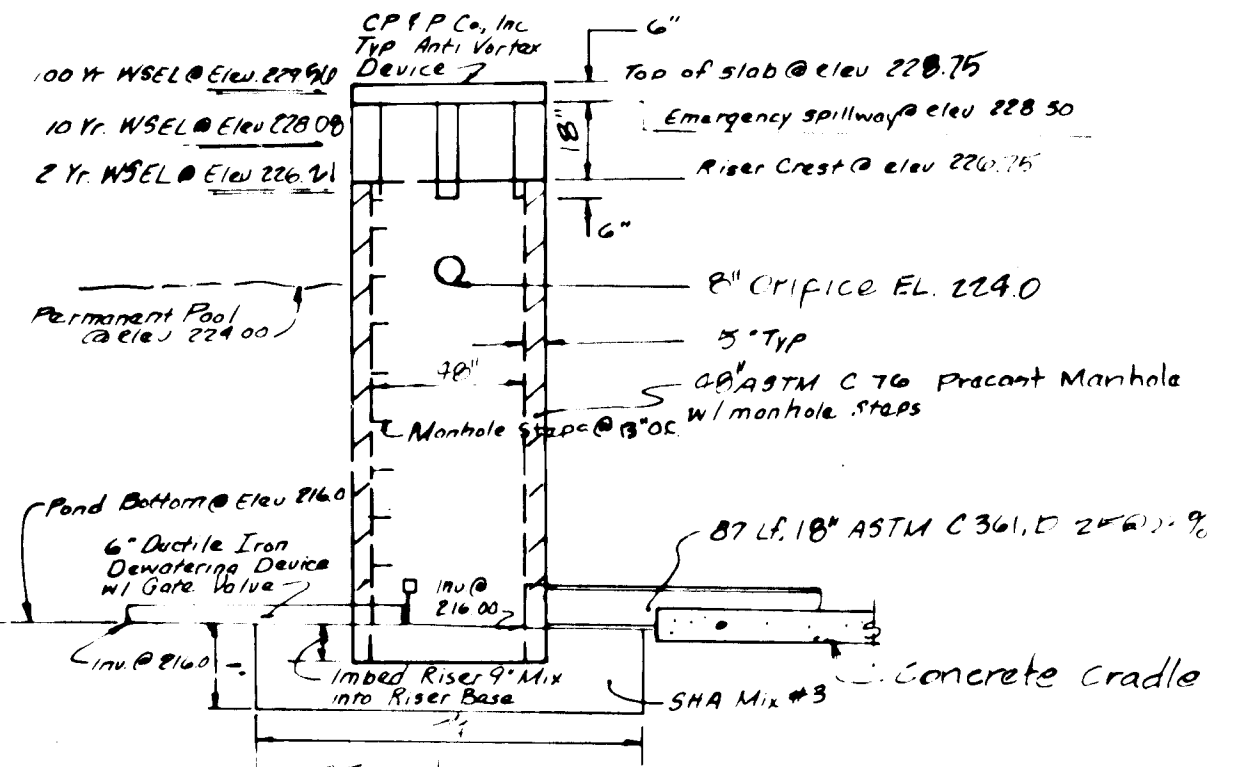


Typical Section Spillway #2 N.T.S.

Area = 37 LF<sup>2</sup>  
Vol = 3.6 LF<sup>3</sup>  
Dia = 88"

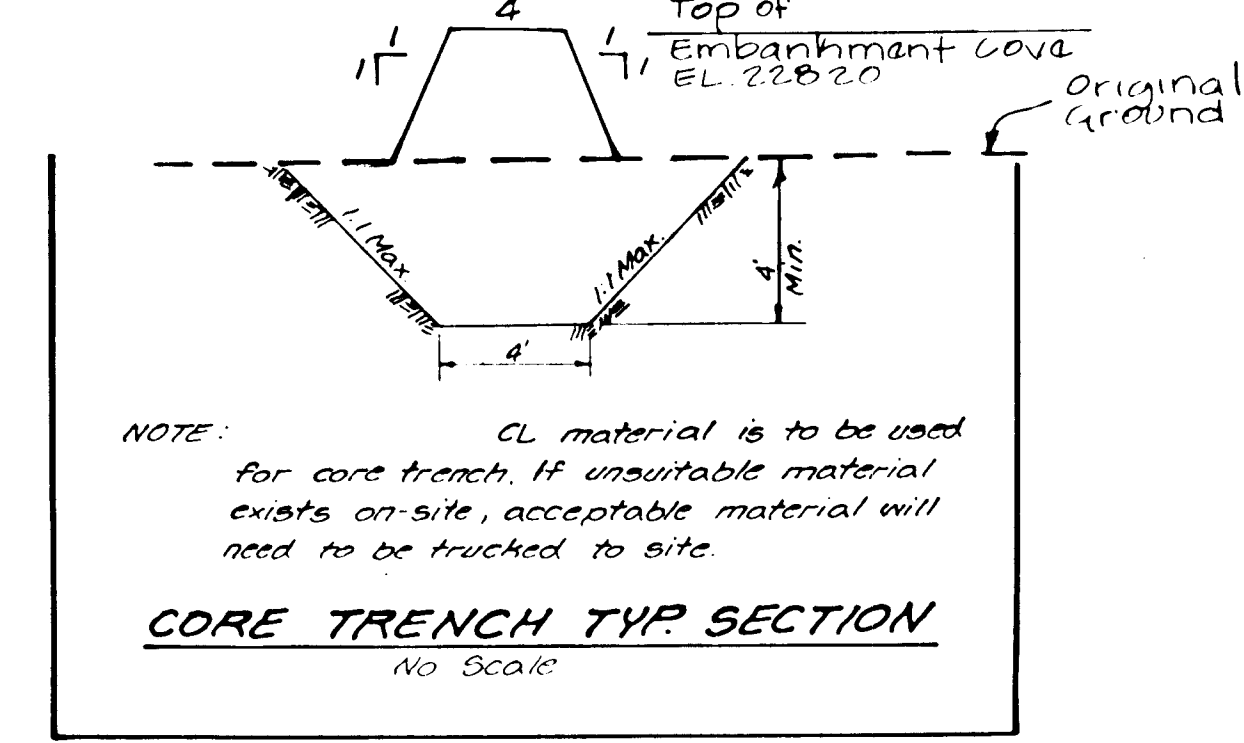
Drainage Area To Pond 20.5 Acres			
	2 Yr.	10 Yr.	100 Yr.
Allowable Release Rate	2 cfs	21 cfs	
Computed Inflow	24 cfs	156 cfs	
Discharge from Facility	3 cfs	17 cfs	
Elevation @ Discharge	228.50	228.50	229.1
Storage @ Elevation	0.85	1.80	2.02

Hazard Classification "A"  
Water Quality By Retention

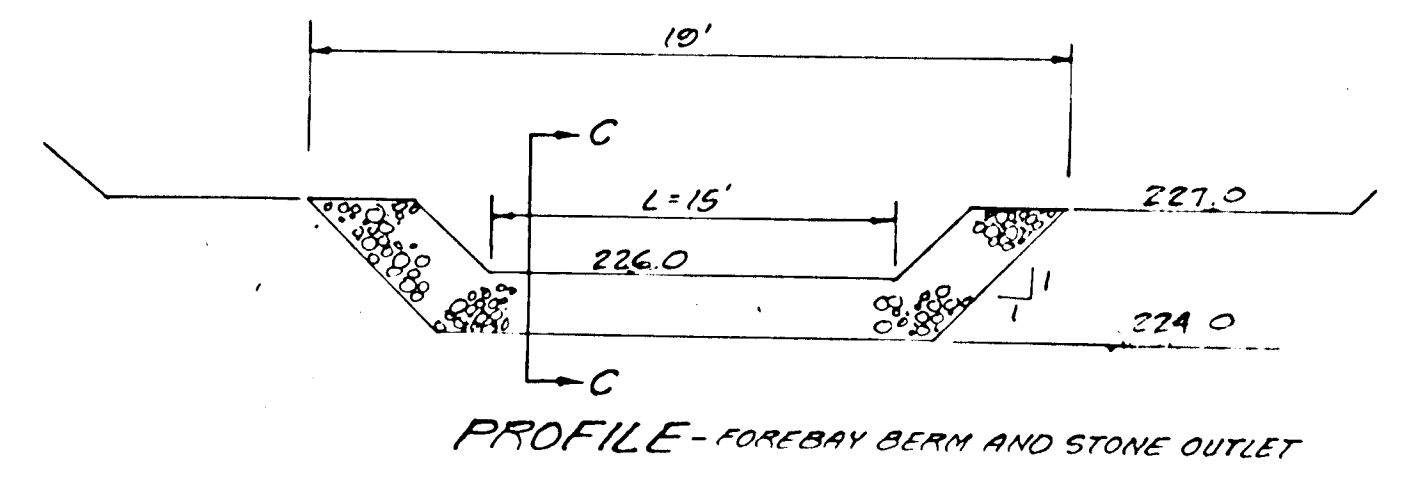
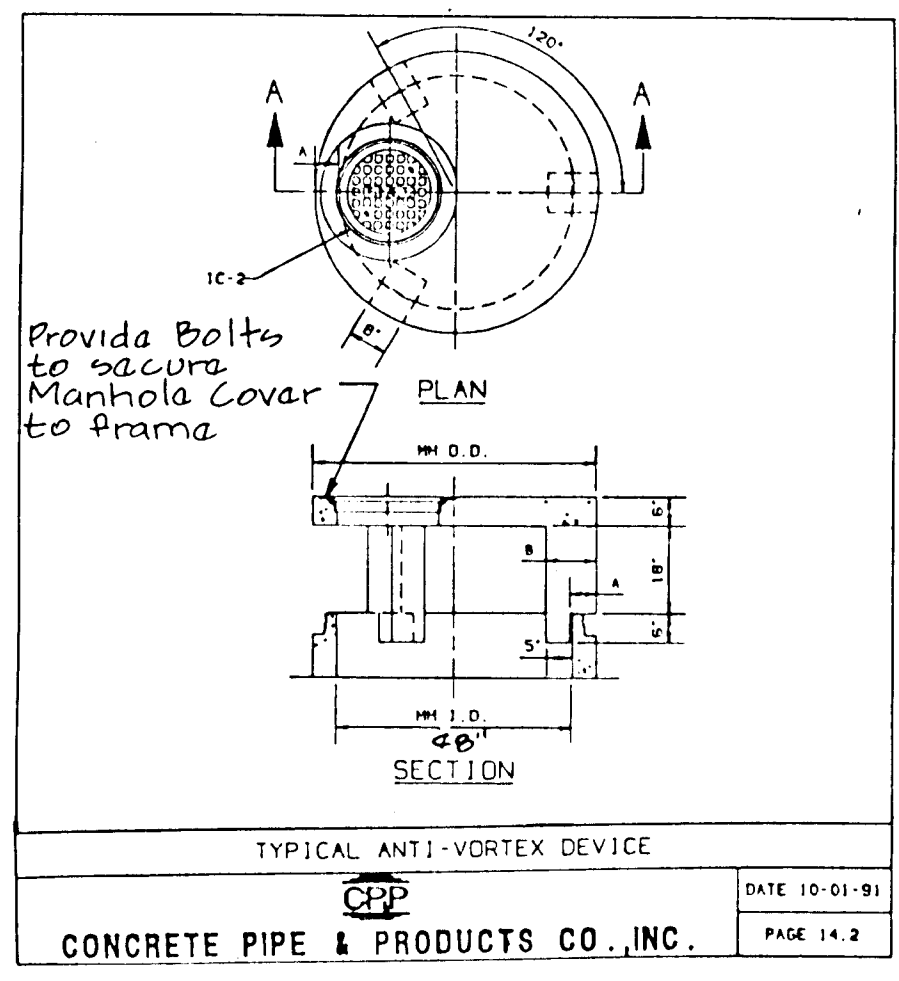


Note: Gate Value to Conform to Section 909.15 Design Manual Volume II  
S-2 Riser Detail (N.T.S.)

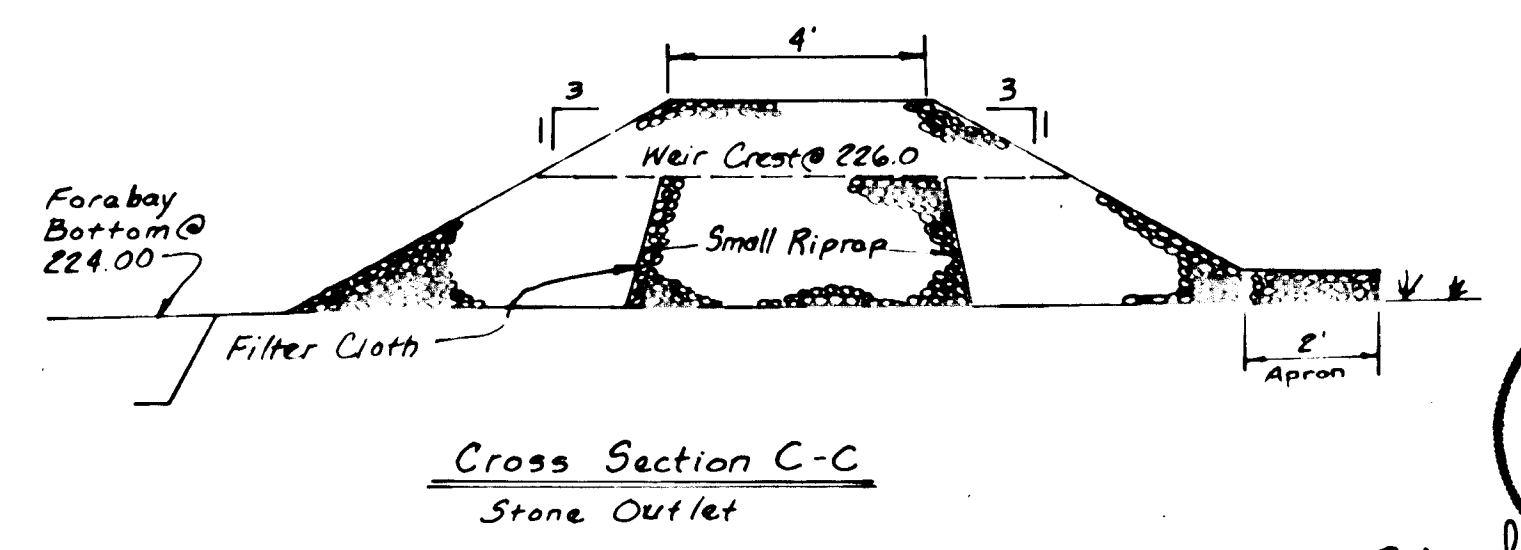
Riser Detail Plan View (N.T.S.)



SECTION A-A



PROFILE - FOREBAY BERM AND STONE OUTLET



Cross Section C-C Stone Outlet

APPROVED: Department of Planning and Zoning

Quinn Summary 10/17/94  
Chief, Division of Land Development and Research

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

10/10/94  
10/10/94  
10/10/94

Howard Soil Conservation District  
Developer/Engineer Certificates

By The Developer:  
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 shall engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion. I also authorize periodic on-site inspections by the Howard Soil Conservation District.

Signature: Bradley Toward Date: 9/21/94

By The Engineer:  
I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he/she must engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion.

Signature: Rodolph May Date: 9/21/94

As-Built Certification

I hereby certify that the facility shown on this plan was constructed as shown on the "as-built" plans and meets the approved plans and specifications.

Signature: PE No: Date:

Operation, Maintenance, and Inspection

Inspection of the pond(s) shown hereon shall be performed at least annually, in accordance with the checklist and requirements contained within USDA, SCS Standards and Specifications For Ponds (MD-378). The pond owner(s), and any heirs, successors, or assigns shall be responsible for the safety of the pond and the continued operation, surveillance, inspection, and maintenance thereof. The pond owner(s) shall promptly notify the Soil Conservation District of any unusual observations that may be indications of distress such as excessive seepage, turbid seepage, sliding or slumping.

These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for small pond construction soil erosion and sediment control.

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.S.  
Drawn M.M.  
Checked R.M.  
Date 5/94

Scale as shown  
Drawing BAF-8  
Job No. 921003  
File No.

Owner/Developer: J.G. Morley Co  
5900 Princess Garden Parkway  
Lanham, Md. 20706 (301) 459-5586

These plans for small pond construction soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.

Signature: Rodolph May Date: 9/21/94



Rodolph May 9/21/94

F93-36