

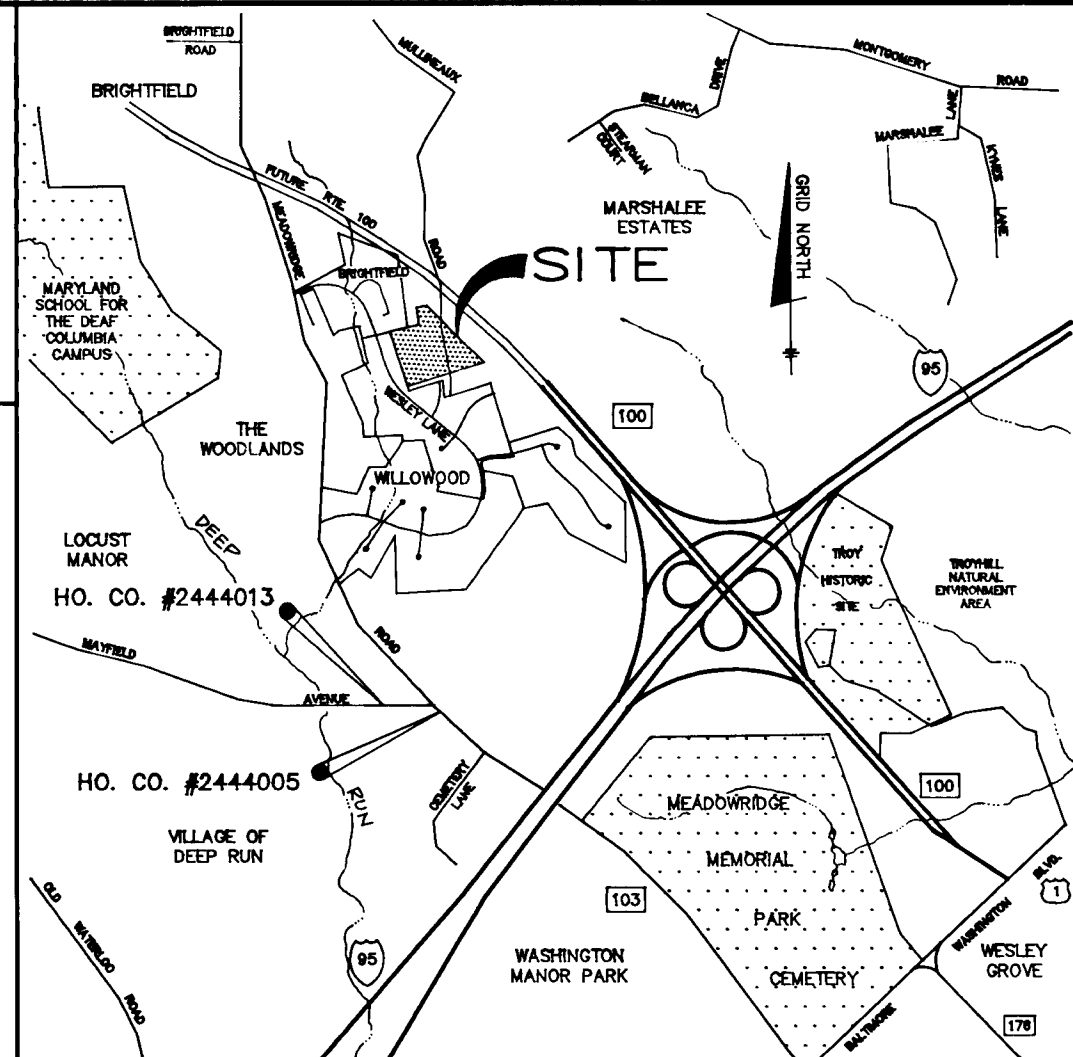
STRUCTURE SCHEDULE						
No.	TYPE	LOCATION	INV. IN	INV. OUT	TOP ELEV.	HO. CO. STD.
I-1	A-5	14.52' LT. STA. 4+50 RICE COURT	355.70	355.50	343.97	SD 4.01 & R 3.08 A
I-2	A-10	14.52' RT. STA. 0+44 PENNELL CT.	351.55	351.35	346.85	SD 4.01 & R 3.08 A
I-3	A-5	14.52' RT. STA. 0+44 PENNELL CT.	351.55	351.35	346.85	SD 4.01 & R 3.08 A
I-4	A-5	14.52' LT. STA. 5+54.78 COXWOLD DR.	352.64	352.45	347.95	SD 4.01 & R 3.08 A
I-5	A-10	14.52' RT. STA. 5+54.78 COXWOLD DR.	352.64	352.45	347.95	SD 4.01 & R 3.08 A
I-6	A-10	14.52' RT. STA. 5+54.78 COXWOLD DR.	352.64	352.45	347.95	SD 4.01 & R 3.08 A
M-1	MANHOLE	N 498725.04 E 862913.56	327.45	327.25	337.75	0 5.12
M-2	MANHOLE	N 498724.97 E 862917.83	328.00	327.75	337.75	0 5.12
M-3	MANHOLE	N 498724.89 E 862913.83	332.20	332.00	337.75	0 5.12
M-4	MANHOLE	49.21' LT. STA. 2+23.58 RICE CT.	335.00	334.25 (8')	338.50	4 5.05
E-2	16" CONC. END SECT	N 499345.36 E 862927.16	---	356.50	---	50 5.51
E-3	16" CONC. END SECT	N 499346.35 E 862903.94	---	357.40	---	50 5.51
E-4	16" CONC. END SECT	N 499037.46 E 862971.71	---	339.80	---	50 5.51
E-5	16" CONC. END SECT	N 499017.58 E 862961.91	---	341.26	---	50 5.51
M-5	SWH CONTROL STRUCT	N 498913.97 E 862947.81	328.25	328.25	338.00	SEE DETAIL
M-6	MANHOLE	215' LT. STA. 1+00 RICE COURT	347.86	347.66	358.66	4 5.12
M-7	MANHOLE	157' LT. STA. 4+94.51 COXWOLD DR.	349.84	349.64	355.14	4 5.12

CENTERLINE CURVE DATA							
ROAD	STATION	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
COXWOLD DR.	3+98.64 TO 5+01.42	500.00'	102.78'	51.57'	102.60'	N 02°32'28" W	11°46'38"
RICE COURT	7+82.79 TO 8+51.80	109.62'	109.62'	69.01'	67.88'	N 09°36'20" E	36°04'19"
PENNELL COURT	1+06.00 TO 3+02.35	125.00'	125.00'	125.00'	178.78'	N 53°25'47" W	90°00'00"
PENNELL COURT	4+78.30 TO 5+47.31	109.62'	109.62'	69.01'	67.88'	N 26°27'14" W	36°04'19"
PENNELL COURT	1+69.53 TO 2+38.54	109.62'	109.62'	69.01'	67.88'	N 63°32'05" E	36°04'19"

STREET LIGHT LEGEND			
ROAD	STATION	OFFSET	TYPE
COXWOLD DRIVE	5+34	24' RIGHT	100 WATT TRADITIONAL SODIUM VAPOR LAMP
RICE COURT	LP STA. 10+02	4' LEFT	100 WATT TRADITIONAL SODIUM VAPOR LAMP
PENNELL COURT	LP STA. 6+60	4' LEFT	100 WATT TRADITIONAL SODIUM VAPOR LAMP

STREET LIGHTS ARE TO BE PLACED 4' BEHIND FACE OF CURB.

BENCH MARKS	
HO. CO. #2444005	ELEV. 271.249
CONC. MONUMENT 0.5' BELOW SURFACE, ON THE WEST SIDE OF MEADOWBRIDGE RD. SOUTH OF MAYFIELD RD.	
N 495988.271	E 863126.170
HO. CO. #2444013	ELEV. 268.109
CONC. MONUMENT AT SURFACE, 17.1' NORTH OF CENTERLINE OF MAYFIELD AVE.	
N 495646.964	E 862542.349



CENTERLINE CONTROL DATA			
ROAD	STATION	NORTH	EAST
COXWOLD DRIVE	LIMIT 3+88.85	498822.0502	863264.2370
	P.C. 3+98.64	498831.8231	863264.8086
	P.T. 5+01.42	498934.3172	863260.2599
	P.C. 7+82.79	499212.6470	863219.0121
	P.T. 8+51.80	499279.5730	863230.3386
RICE COURT	END 8+51.80	499287.0728	863234.2663
	0+00	498943.0844	863258.9606
	P.C. 1+06.00	498927.5451	863154.1058
	P.T. 3+02.35	499032.8701	863012.1317
	P.C. 4+78.30	499205.9188	862996.3381
PENNELL COURT	P.T. 5+47.31	499267.6834	862958.0882
	END 5+47.31	499273.7217	862950.1542
	0+00	498943.0844	863258.9606
	P.C. 1+69.53	498967.9368	863428.6588
	P.T. 2+38.54	498998.1868	863487.4233
END 2+47.01	499004.1207	863493.4616	

NOTE:
SIDEWALK RAMPS SHALL COMPLY WITH ADA REQUIREMENTS PER HOWARD COUNTY STD. DETAIL R-4.01 (TYPICAL)

NOTE:
SEE SHEET 5 FOR MANHOLE M-4 DIVERSION STRUCTURE DETAILS.

- ### 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/CONSTRUCTION INSPECTION DIVISION AT (410) 315-1850 AT LEAST 24 HOURS 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: Tax Map 37 - Parcels 203, 204, 432-435
Zoning: R-3C
Section 1, Area 1
Total Tract Area: 11.32 Ac.
Section Area: 11.32 Ac.
Number of Proposed Lots: 43
Date Preliminary Plan Approved: December 30, 1992
DPZ Reference #: P-93-03
 - Traffic control devices, markings, and signing shall be in accordance with the 1988 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.
 - Topography taken from field run survey by TSA Group, Inc. dated 10/92. Contour Interval is 2 feet.
 - Howard County monuments 2444005 and 2444013 used for horizontal and vertical datum. (Nad 29).
 - Light poles and fixtures for street lights shall be in accordance with latest Howard County Design Manual, Volume III, Roads and Bridges.
 - Water and Sewer for this subdivision is public. Drainage area is Patapsco Contract No. 14-3920-D.
 - STORMWATER MANAGEMENT QUANTITY CONTROL FOR THIS SUBDIVISION IS IN WILLOWOOD #1, F-92-82 FACILITY. WATER QUALITY PROVIDED BY SEDIMENTATION/FILTRATION FACILITY CLASS 'A' STRUCTURE.
 - Existing utilities were located by record drawings and field run survey by TSA Group, Inc. dated 10/92.
 - Noise Study compiled by The Wilson T. Ballard Company, Approved 12/30/92.
 - Geotechnical Report compiled by Atec Assoc., Inc. 7/92. Approved 12/30/92.
 - There are no wetlands or 100-year floodplain located on this site.
 - ROOF DRAINS PROVIDED FOR LOTS 3-9, 24-27, 40-49 SHALL BE DIRECTED TOWARD THE ROADWAY. A DRY WELL SHALL BE CONSTRUCTED UNDER LOTS 38,39 FOR WATER QUALITY TREATMENT OF ROOFTOP DRAINAGE. (PRENATELY MAINTAINED)

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Robert J. ... 4/25/94
CHIEF, LAND DEVELOPMENT DIVISION
DATE

Robert M. ... 4-21-94
CHIEF, BUREAU OF HIGHWAYS
DATE

Robert ... 4/25/94
CHIEF, BUREAU OF ENGINEERING
DATE

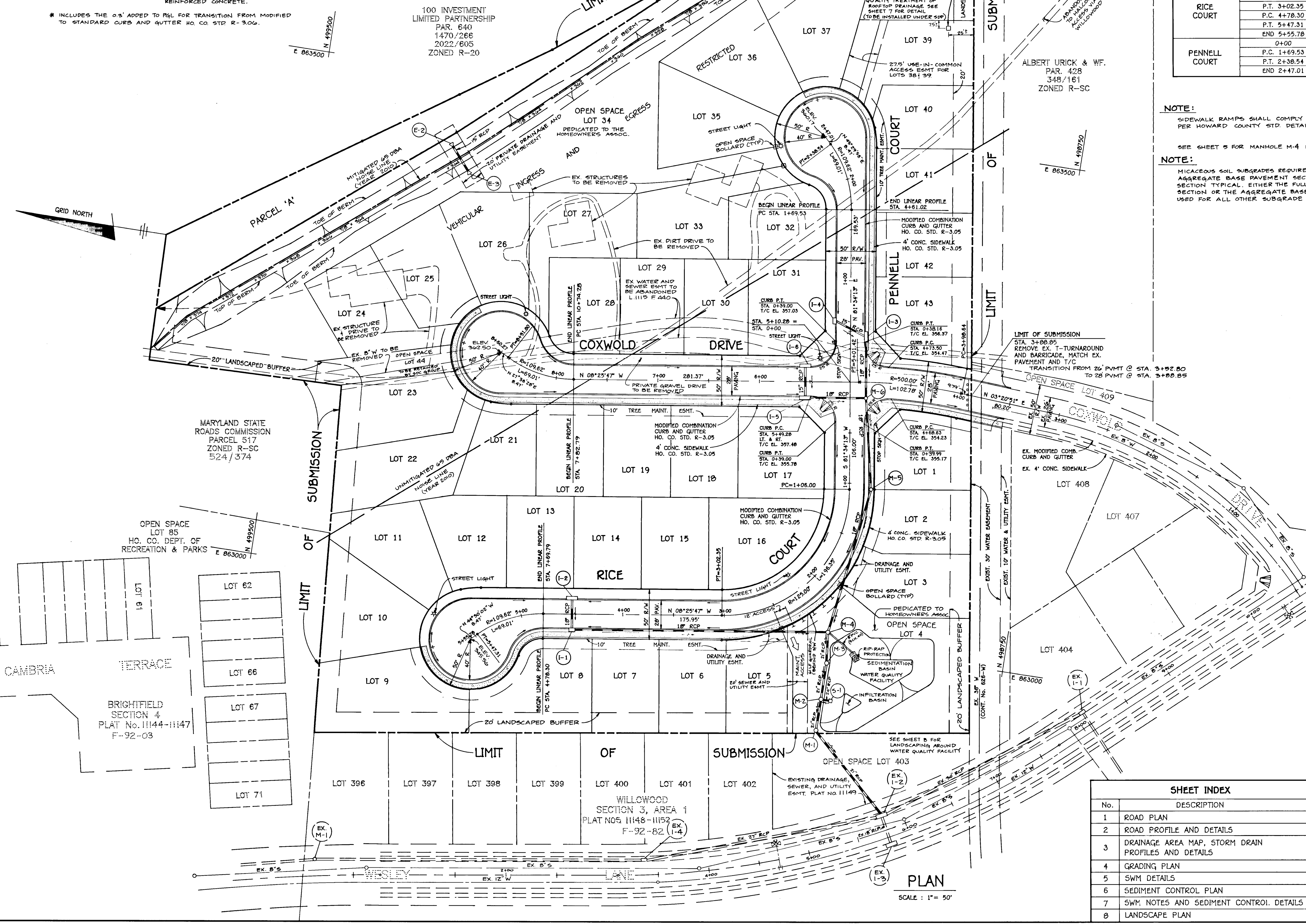
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Jim ... 4/27/94
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH
DATE

NO.	DATE	REVISION

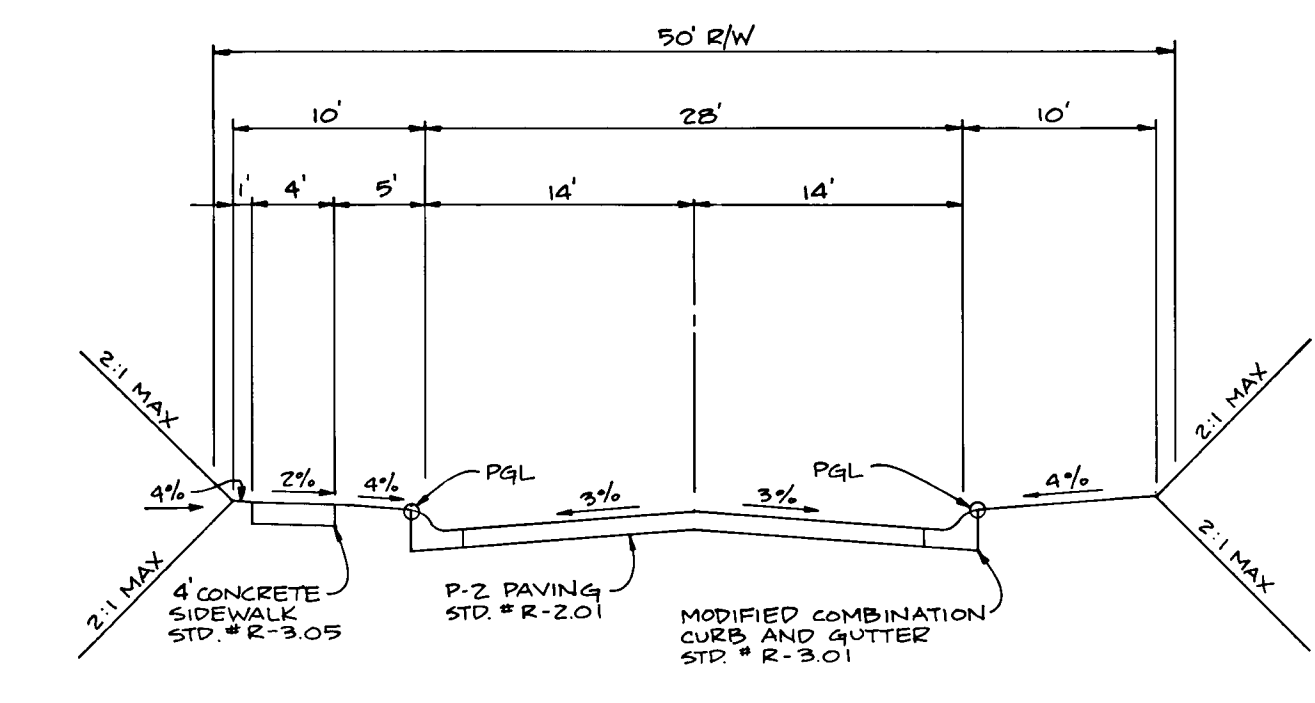
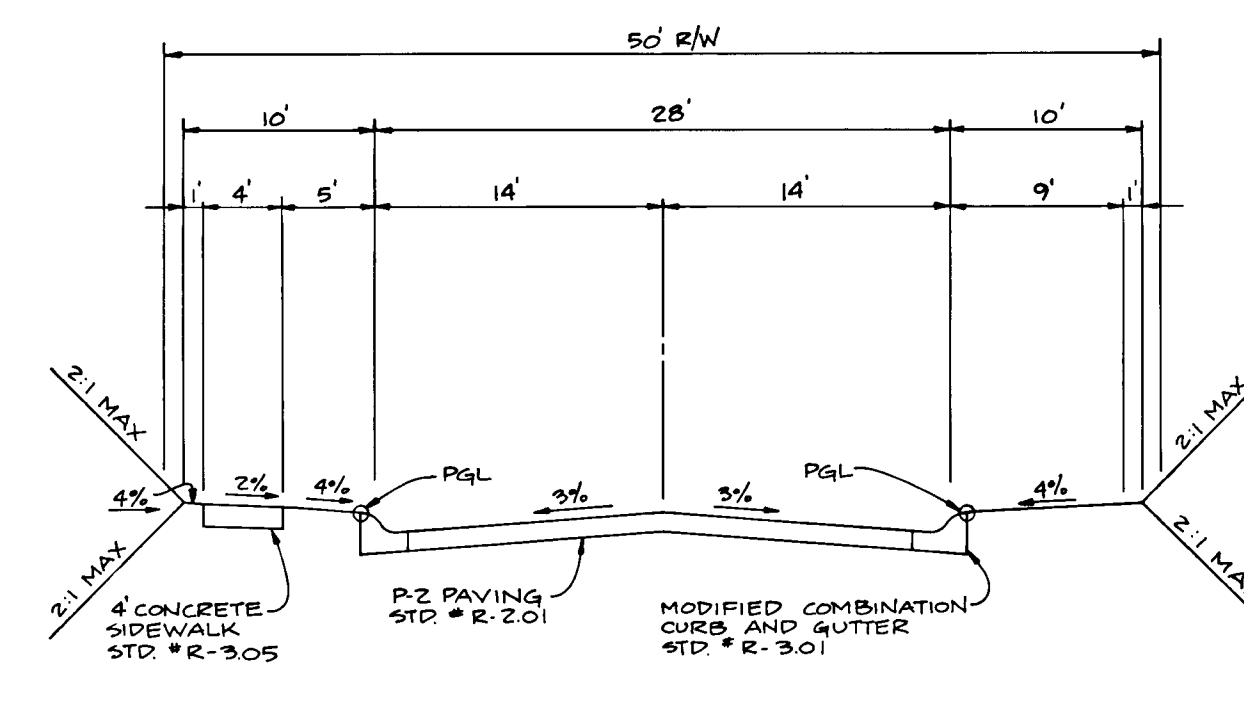
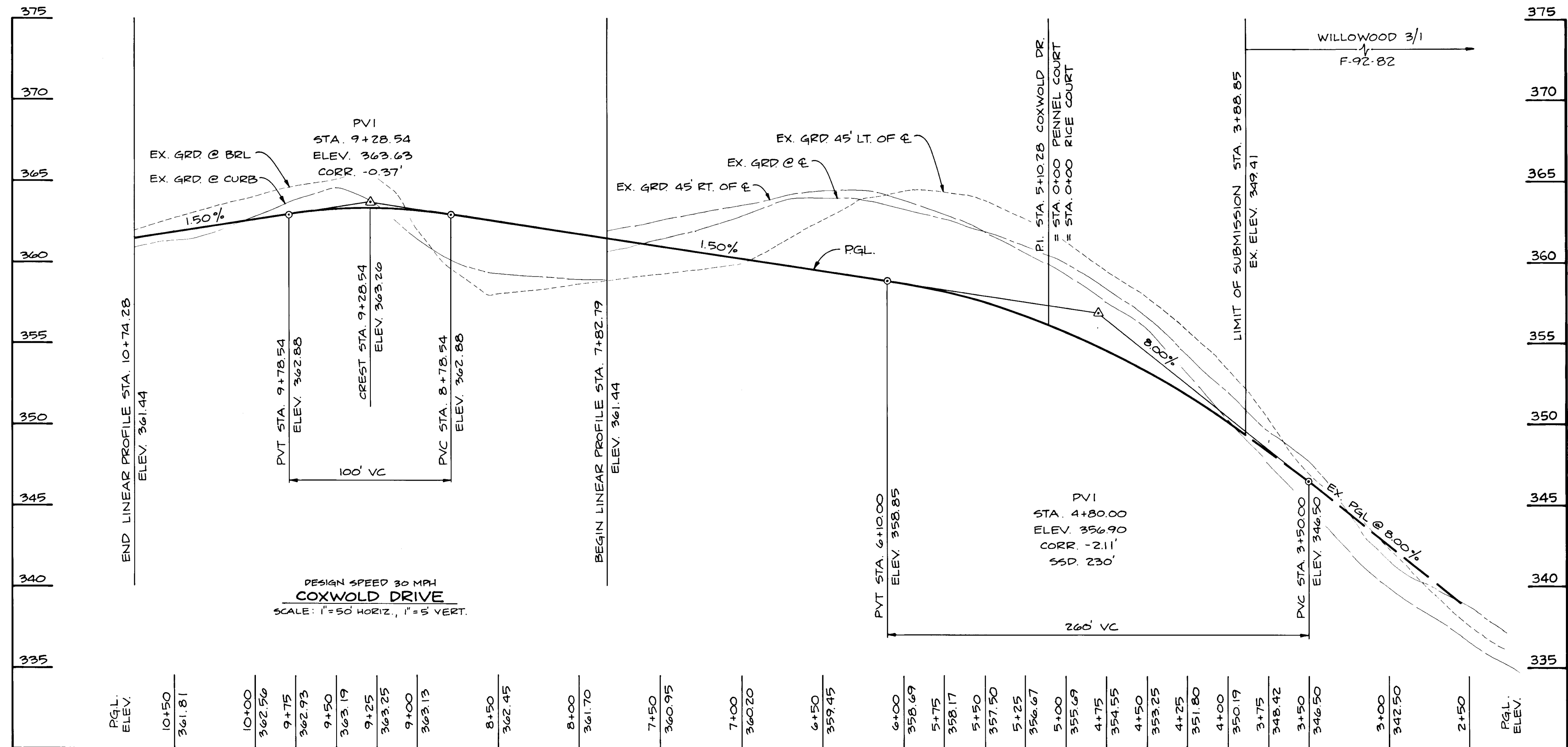
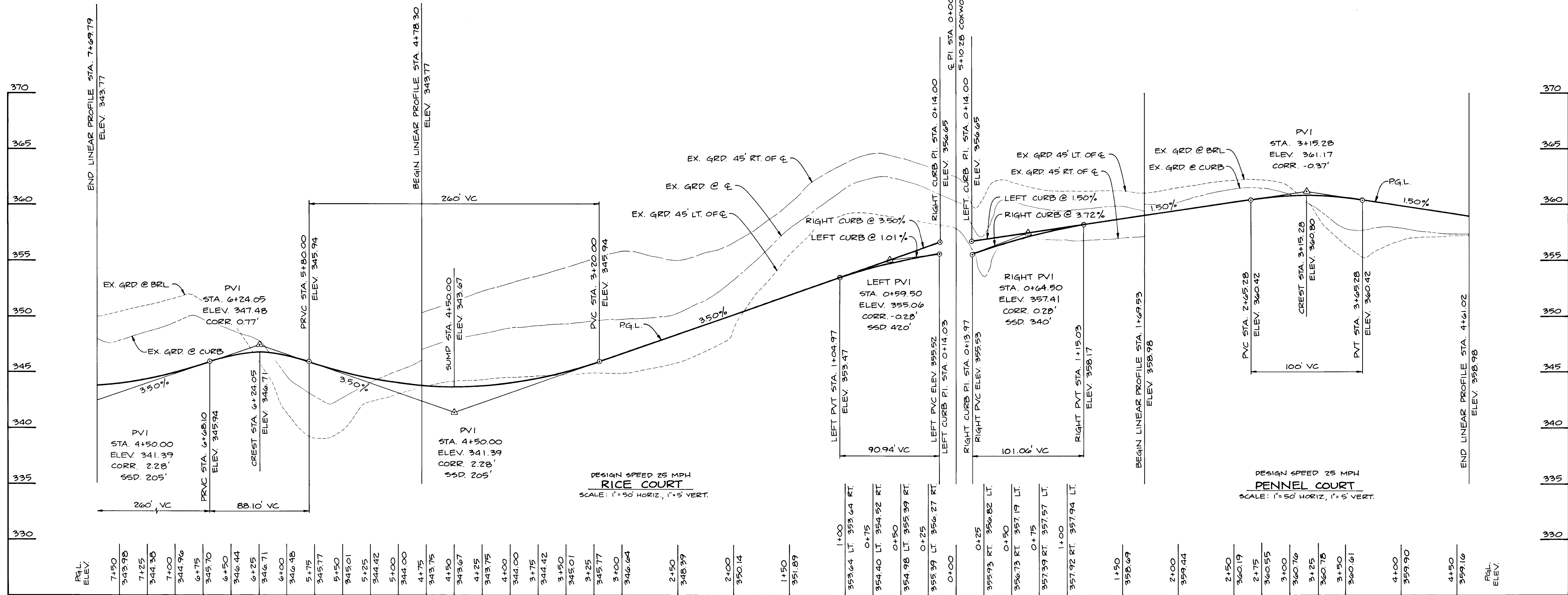
OWNER/DEVELOPER:		PROJECT:	
SDC GROUP, INC. P.O. BOX 417 ELLICOTT CITY, MARYLAND 21043 (410) 465-4244		RICE PROPERTY SECTION 1, AREA 1 LOTS 1-44	
LOCATION:		TITLE:	
TAX MAP 37-PARCELS 203,204,432-435 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND		ROAD PLAN	
DATE:		PROJECT NO. 0483	
APRIL 20, 1993 APRIL 7, 1994		SCALE: AS SHOWN	
DRAWING 1 OF 8		DRAWING 1 OF 8	

SHEET INDEX	
No.	DESCRIPTION
1	ROAD PLAN
2	ROAD PROFILE AND DETAILS
3	DRAINAGE AREA MAP, STORM DRAIN PROFILES AND DETAILS
4	GRADING PLAN
5	SWM DETAILS
6	SEDIMENT CONTROL PLAN
7	SWM NOTES AND SEDIMENT CONTROL DETAILS
8	LANDSCAPE PLAN



1697

1692



APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 4/25/94
 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 DATE: 4/27/94

NO.	DATE	REVISION

TSA GROUP, INC.
 planning • architecture • engineering
 5680 Baltimore National Pike • Ellicott City, Maryland 21043 • (410) 465-6106

OWNER/DEVELOPER: SDC GROUP, INC.
 P.O. BOX 417
 ELLICOTT CITY, MARYLAND 21043
 (410) 465-4244

PROJECT: RICE PROPERTY
 SECTION 1, AREA 1
 LOTS 1-44

LOCATION: TAX MAP 37-PARCELS 203, 204, 432-435
 1st ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

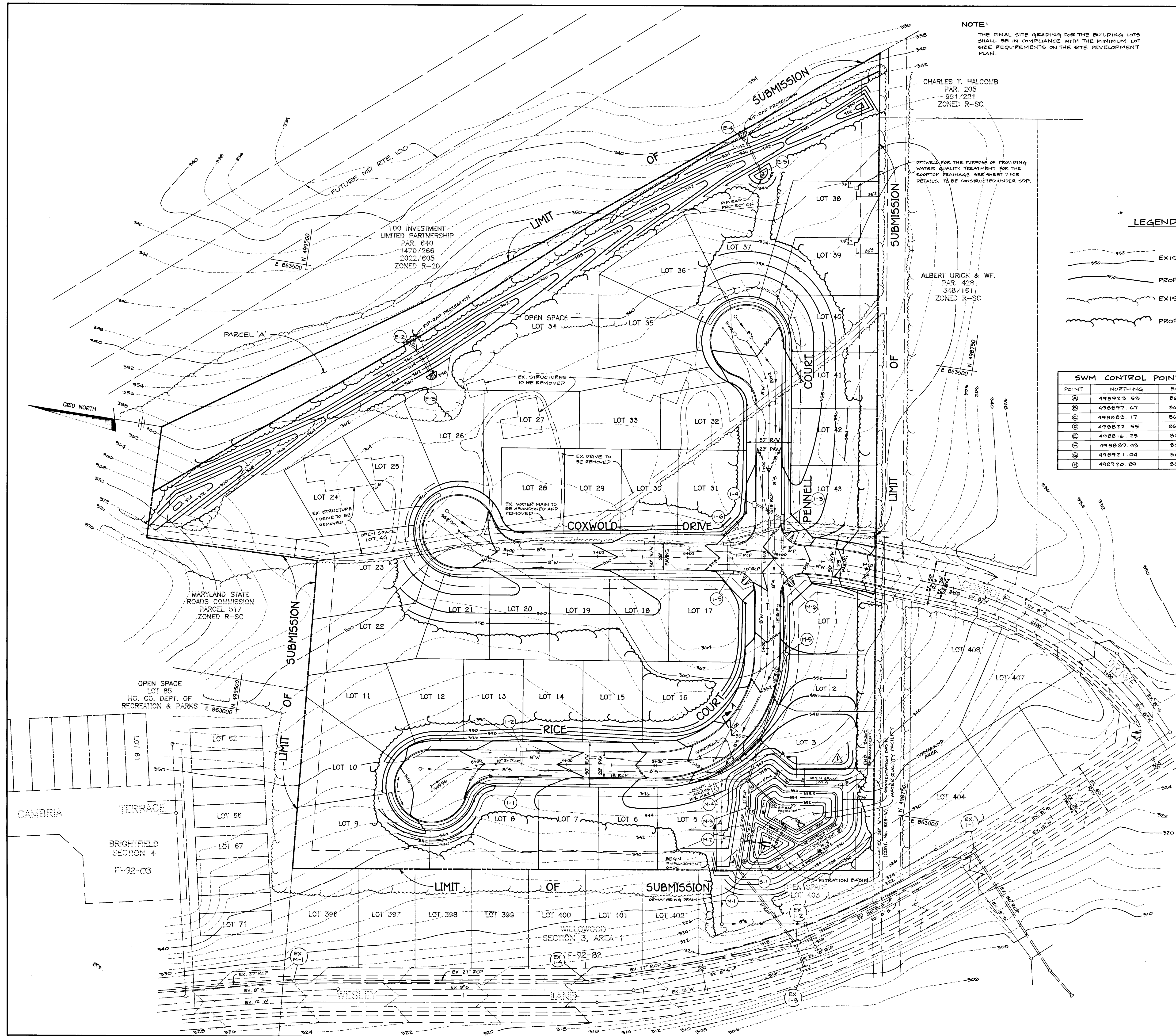
TITLE: ROAD PROFILES AND DETAILS
 5-90-07 P-93-03

DATE: APRIL 20, 1993
 APRIL 7, 1994

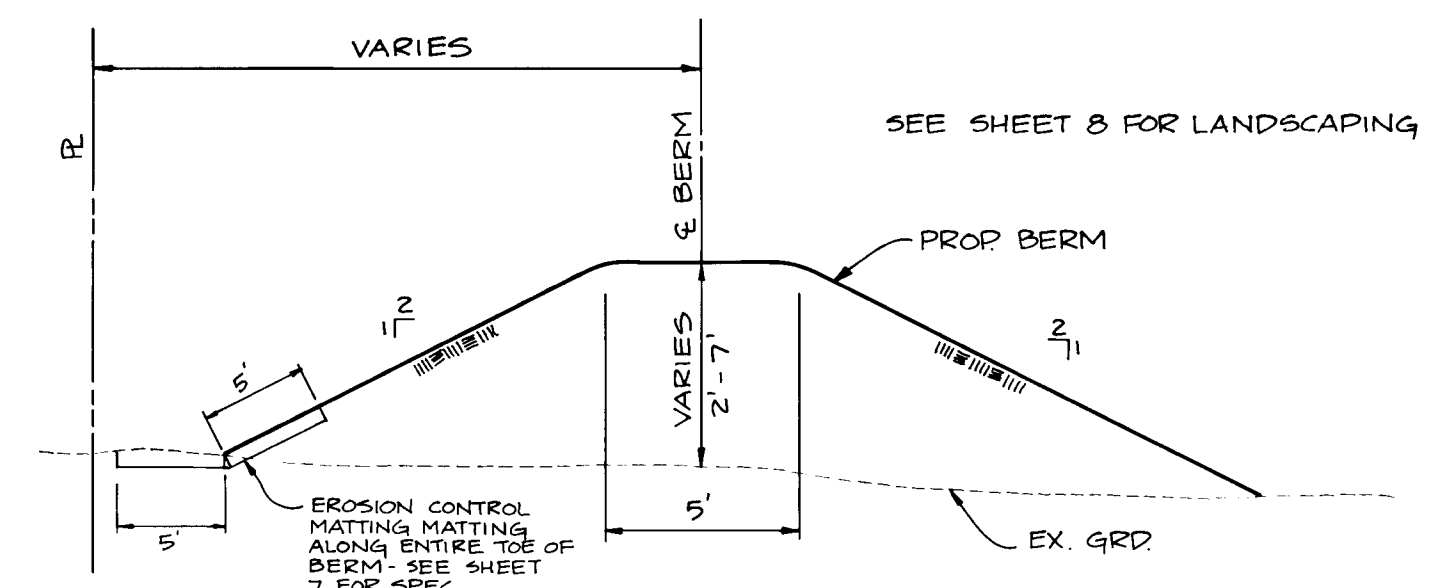
PROJECT NO. 0483

SCALE: AS SHOWN DRAWING 2 OF 8

1697



NOTE:
THE FINAL SITE GRADING FOR THE BUILDING LOTS SHALL BE IN COMPLIANCE WITH THE MINIMUM LOT SIZE REQUIREMENTS ON THE SITE DEVELOPMENT PLAN.



- LEGEND**
- EXISTING CONTOURS
 - PROPOSED CONTOURS
 - EXISTING TREELINE
 - PROPOSED TREELINE

SWM CONTROL POINTS

POINT	NORTHING	EASTING
(A)	498923.53	862999.60
(B)	498897.67	863021.67
(C)	498883.17	863013.09
(D)	498822.55	862922.07
(E)	498816.25	862979.54
(F)	498889.43	862917.10
(G)	498921.04	862912.16
(H)	498920.89	862984.16

NOISE MITIGATION BERM
TYPICAL SECTION
NOT TO SCALE

1. SEE SHEET 5 FOR WATER QUALITY FACILITY DETAILS.
2. SEE SHEET 6 FOR SEQUENCE OF CONSTRUCTION.
3. SEE SHEET 7 FOR WATER QUALITY FACILITY RECOMMENDED MAINTENANCE.

BY THE DEVELOPER:
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 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 REGIONAL OFF-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

James R. Moxley, Jr. 4/27/93
DEVELOPER: JAMES R. MOXLEY, JR. DATE
SDC GROUP, INC. - PRESIDENT

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.

John M. Elorriaga, P.E. 4/20/93
ENGINEER: JOHN M. ELORRIAGA, P.E. # 16891 DATE

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.

Patricia Egan, JCS 4/14/94
U.S. SOIL CONSERVATION SERVICE DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Robert W. Zickler, JCS 4/18/94
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Chad Dammus 4/25/94
CHIEF, LAND DEVELOPMENT DIVISION DATE

Christopher M. Conner 4-21-94
CHIEF, BUREAU OF HIGHWAYS DATE

Paul D. Simpson 4/25/94
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

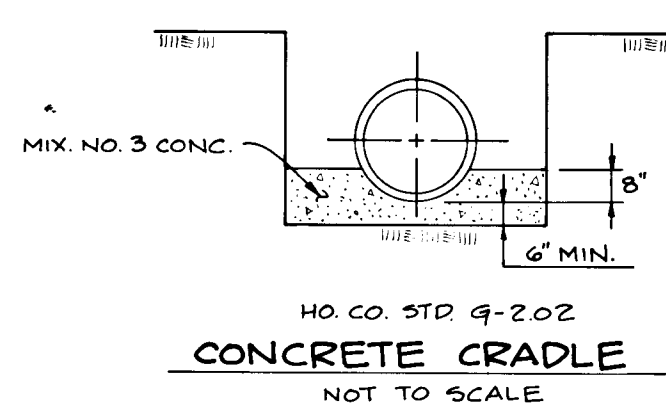
Anna Summerra 4/27/94
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

NO.	DATE	REVISION
7-21-95		REVISE GRADING BETWEEN SWM POND AND LOT 3

TSA GROUP, INC.
planning • architecture • engineering
8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (410) 465-6100

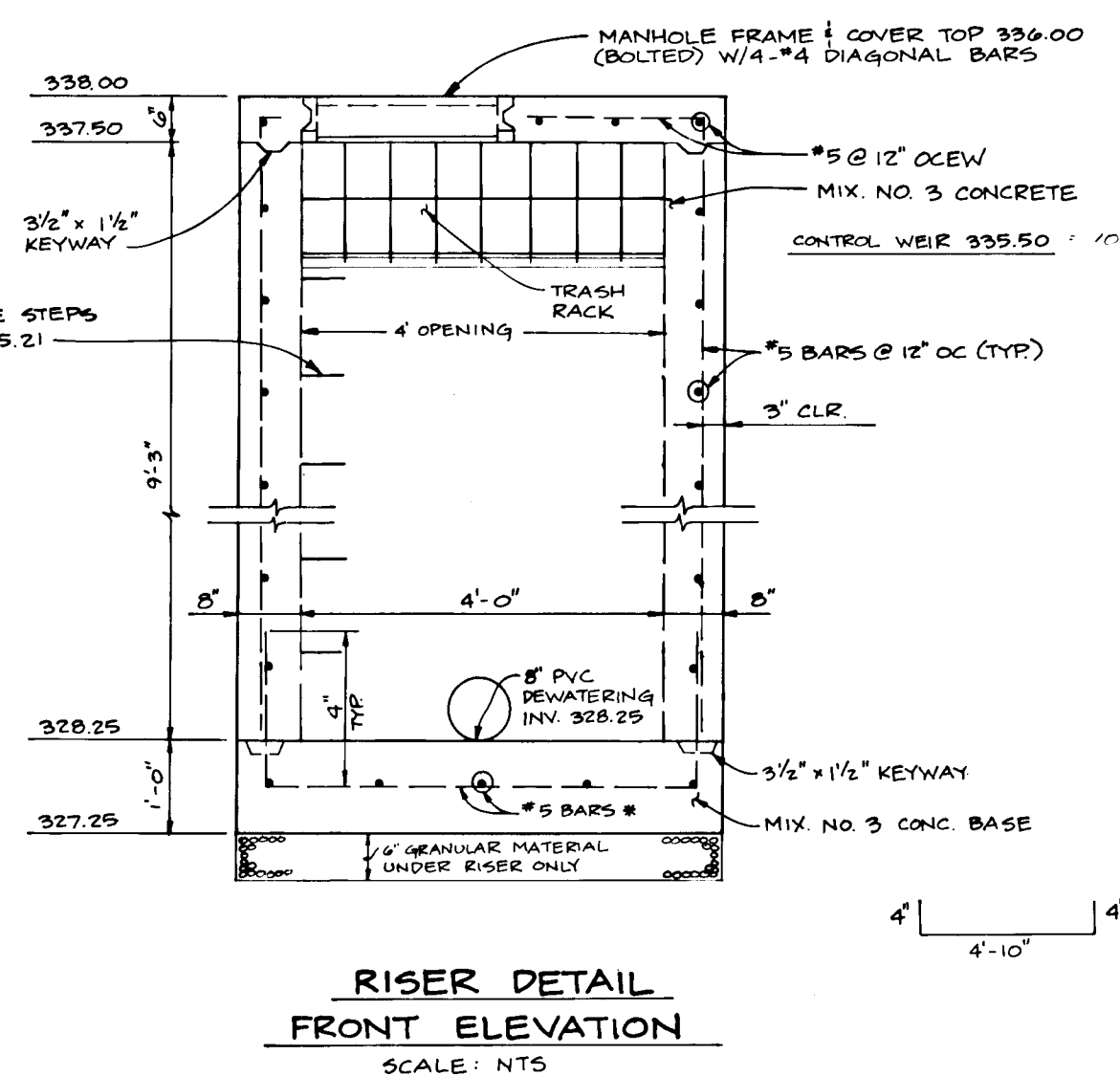
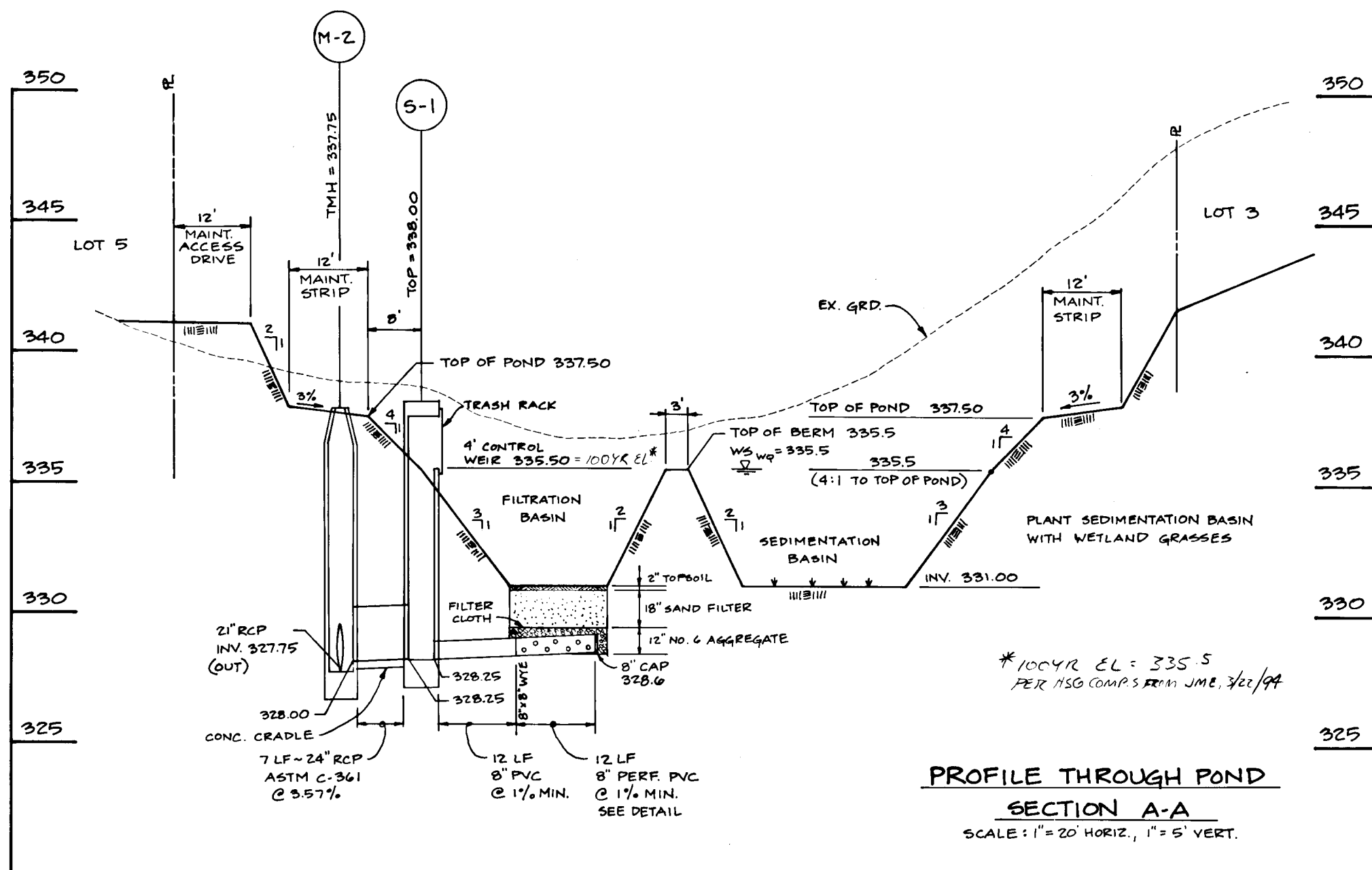
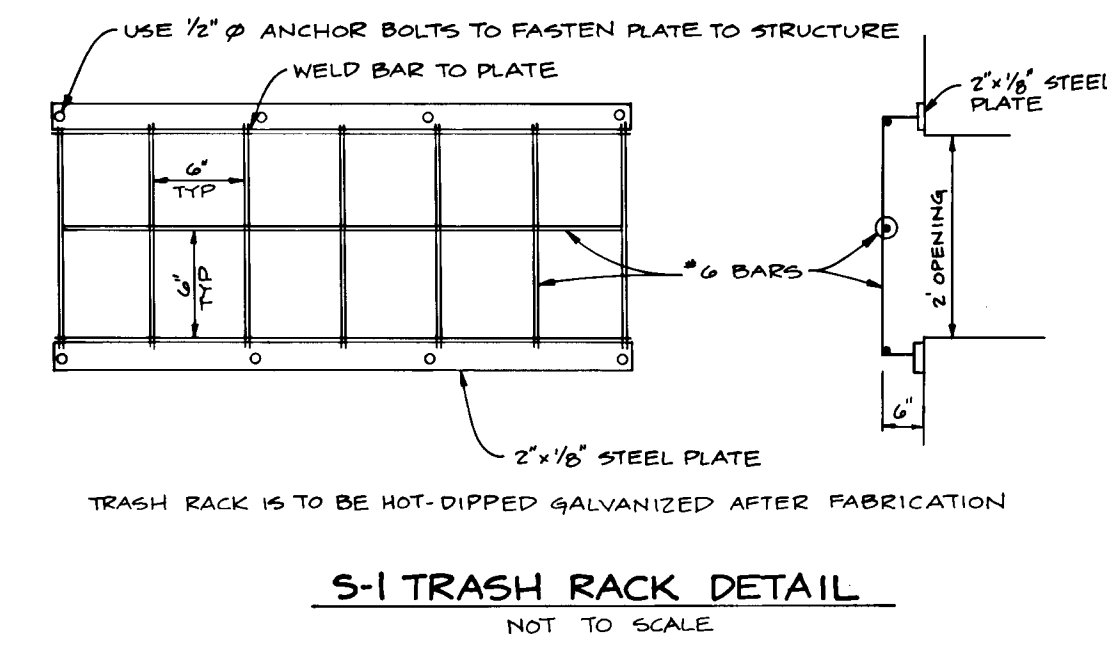
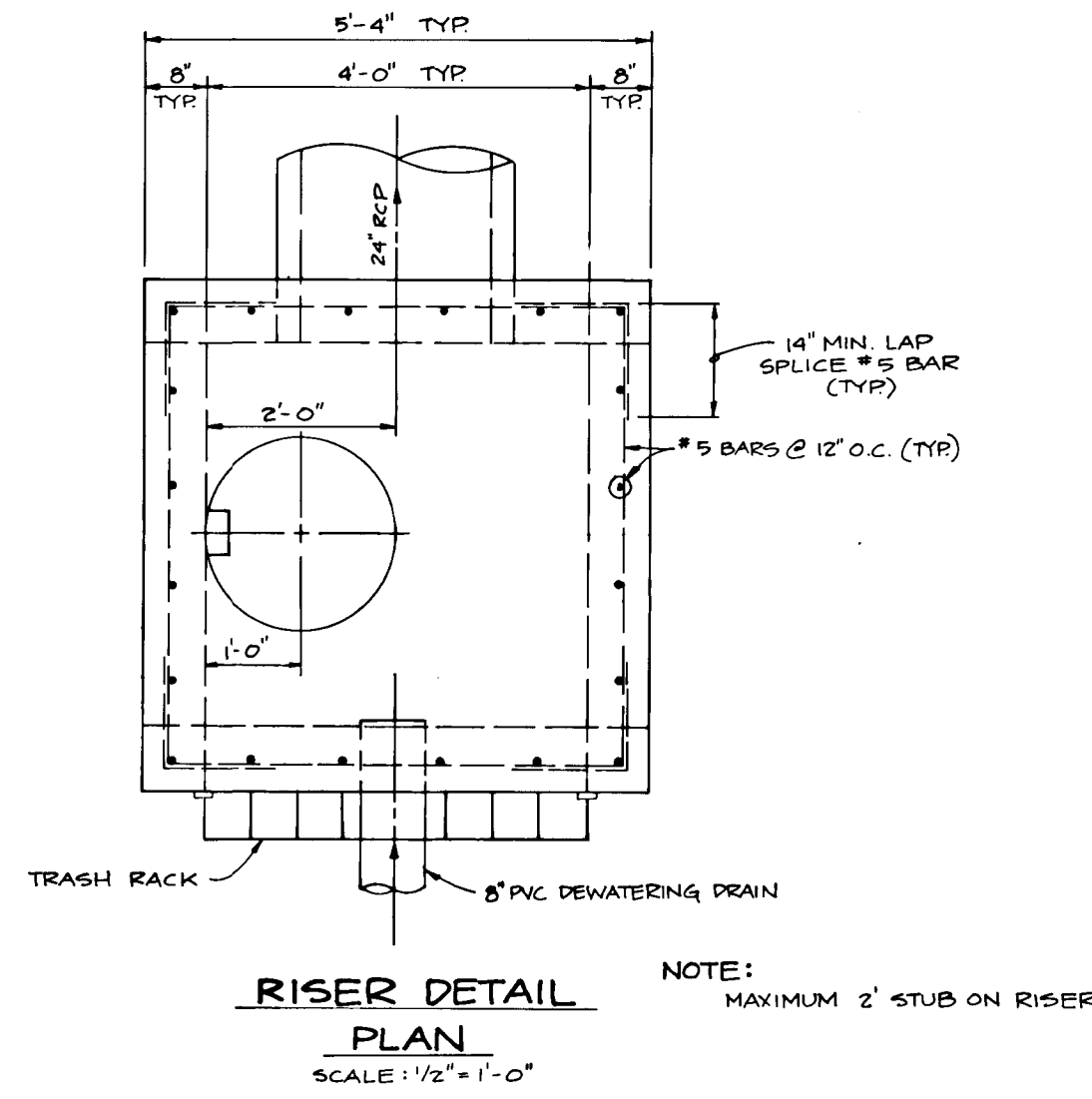
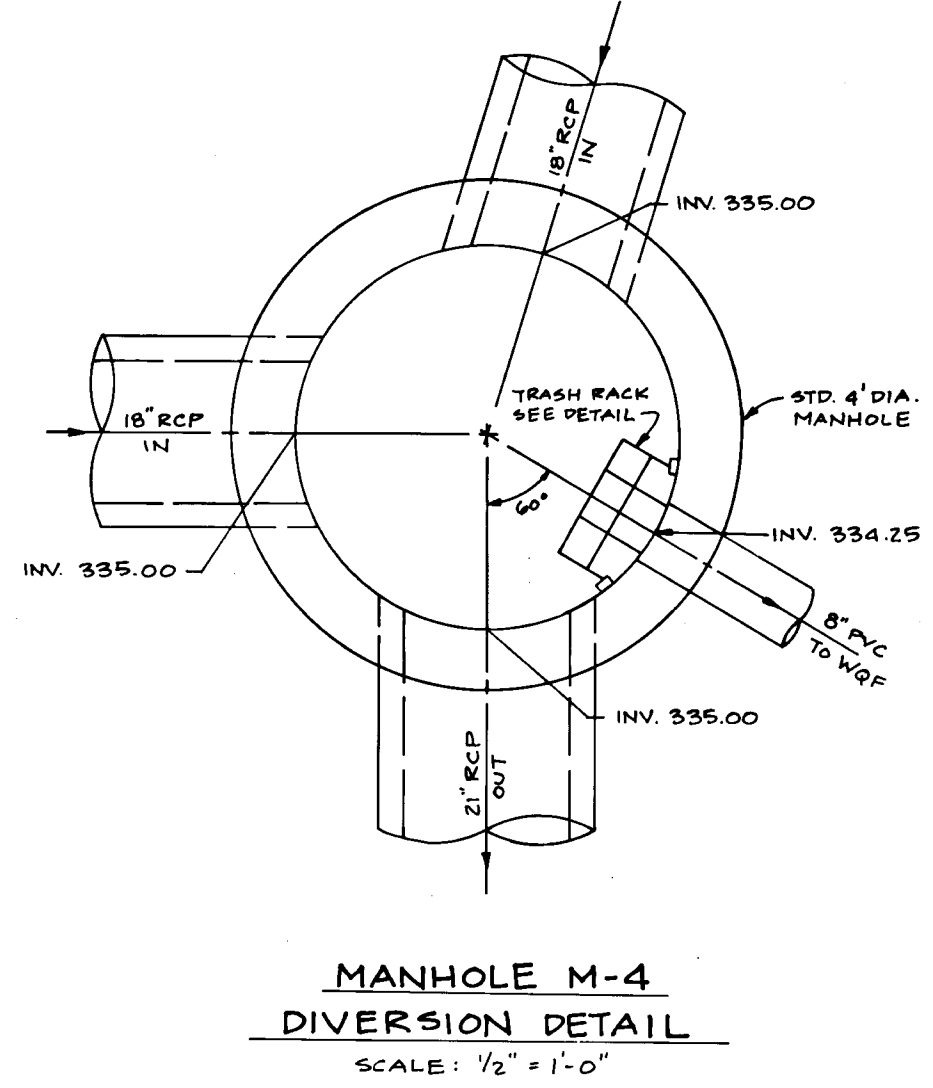
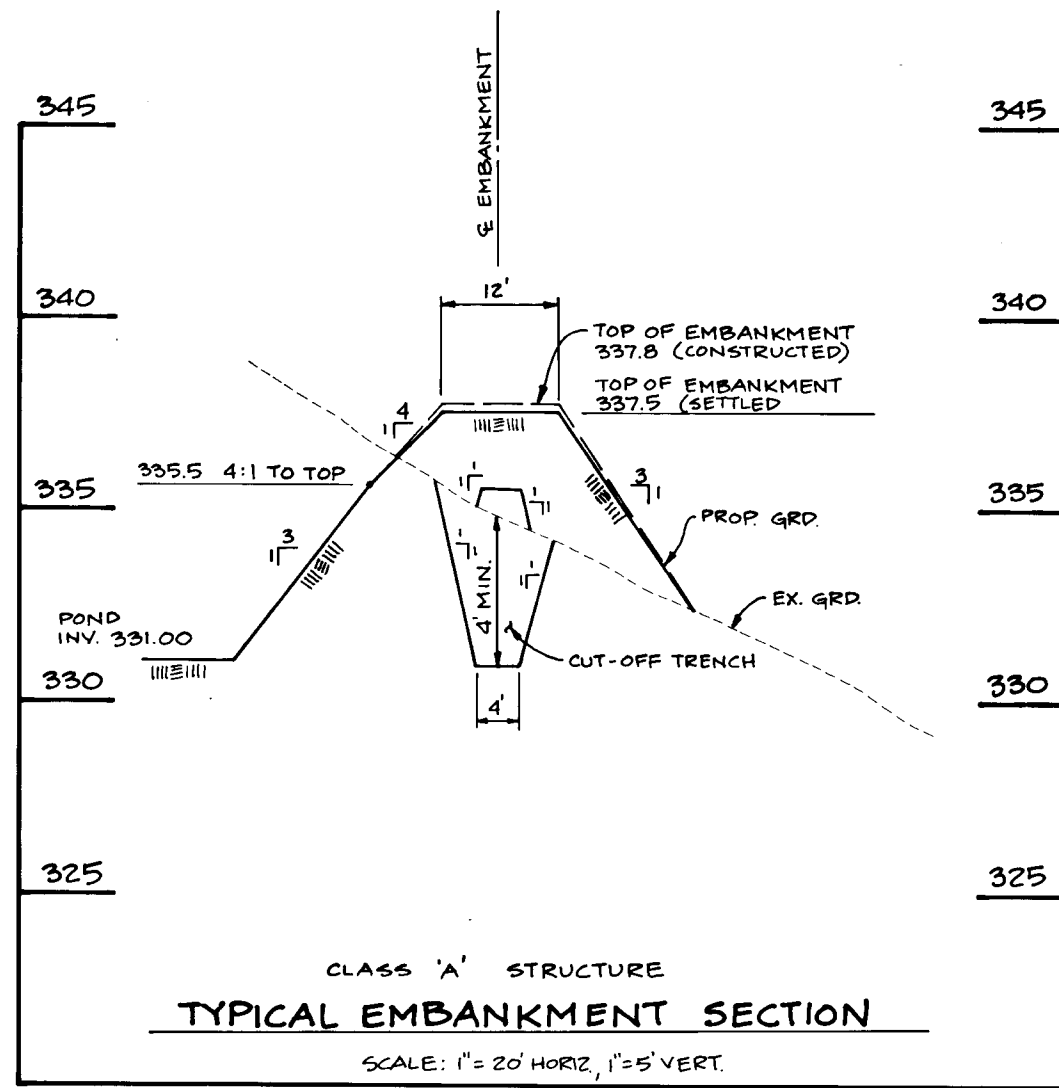
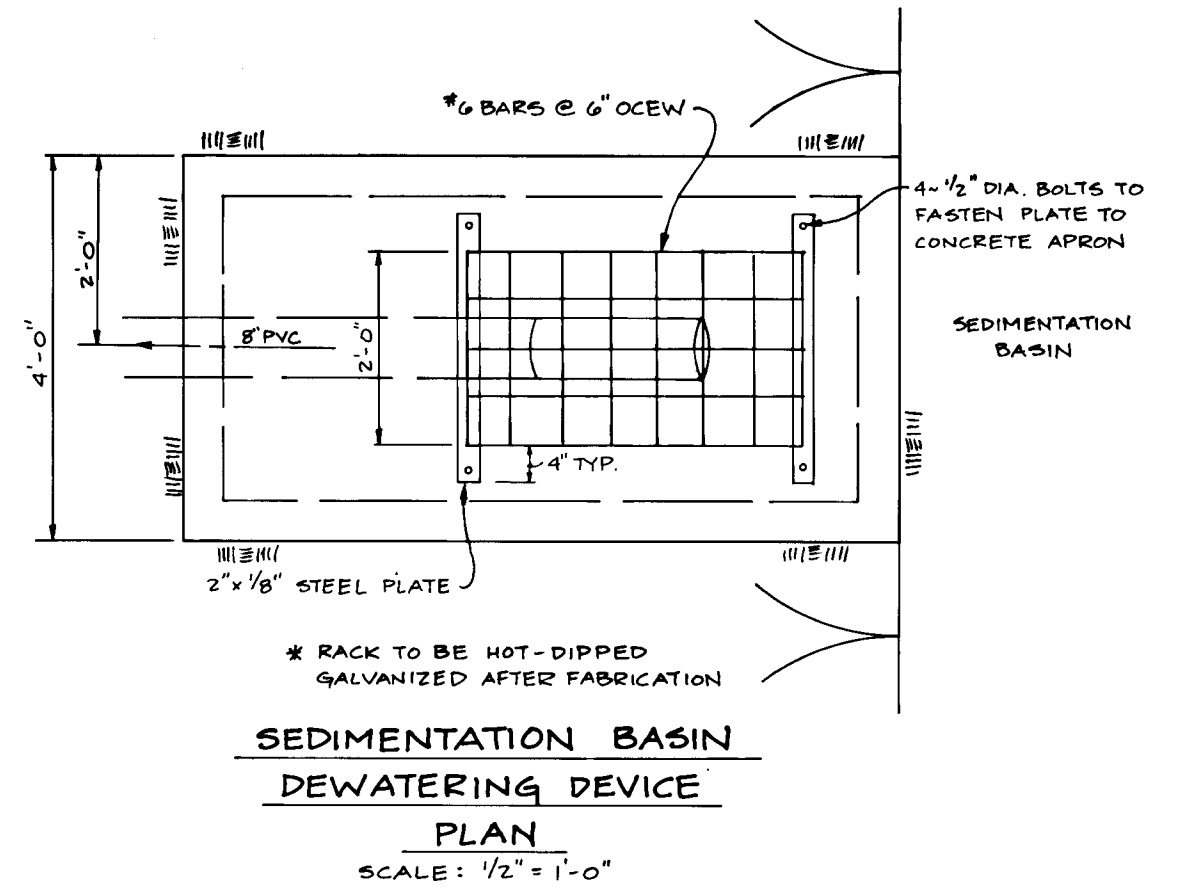
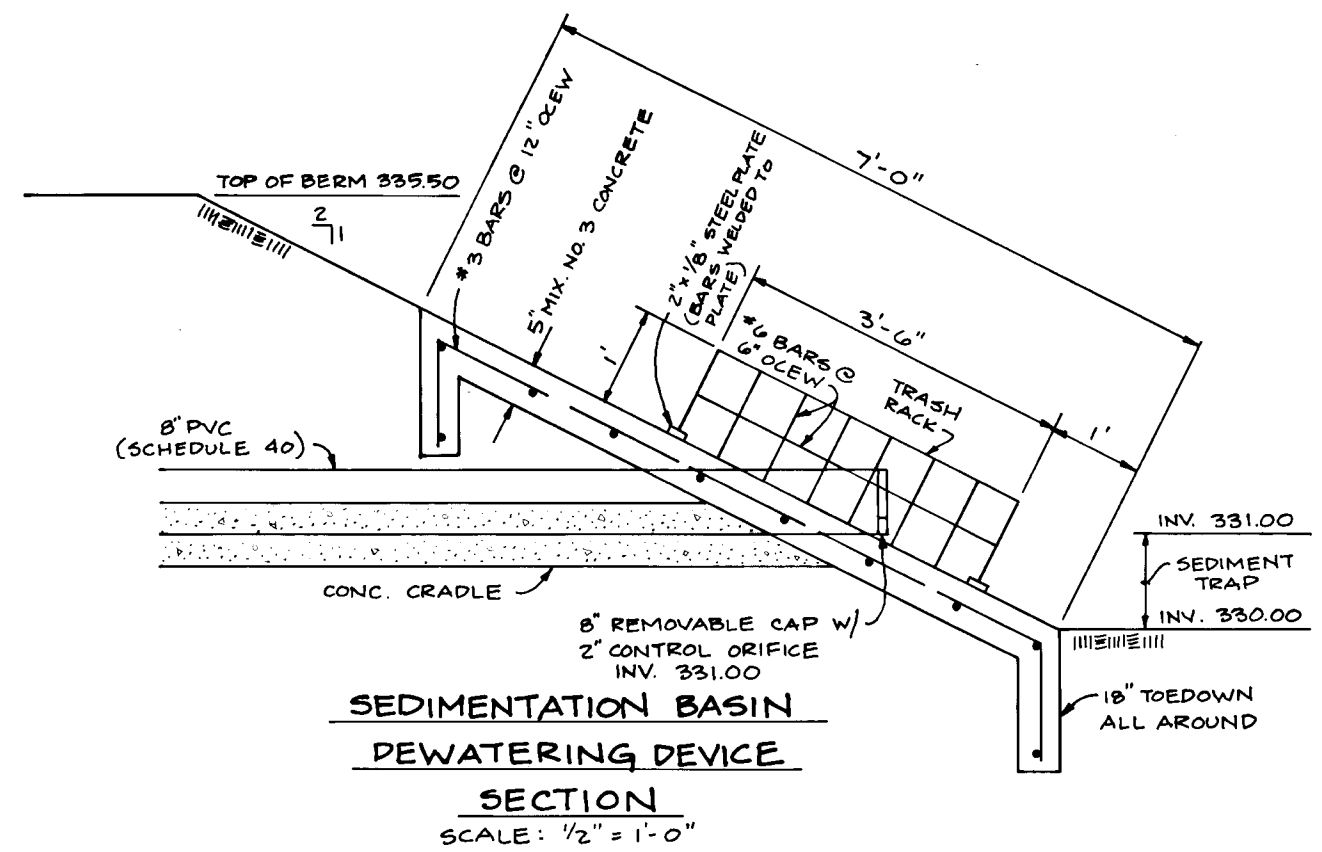
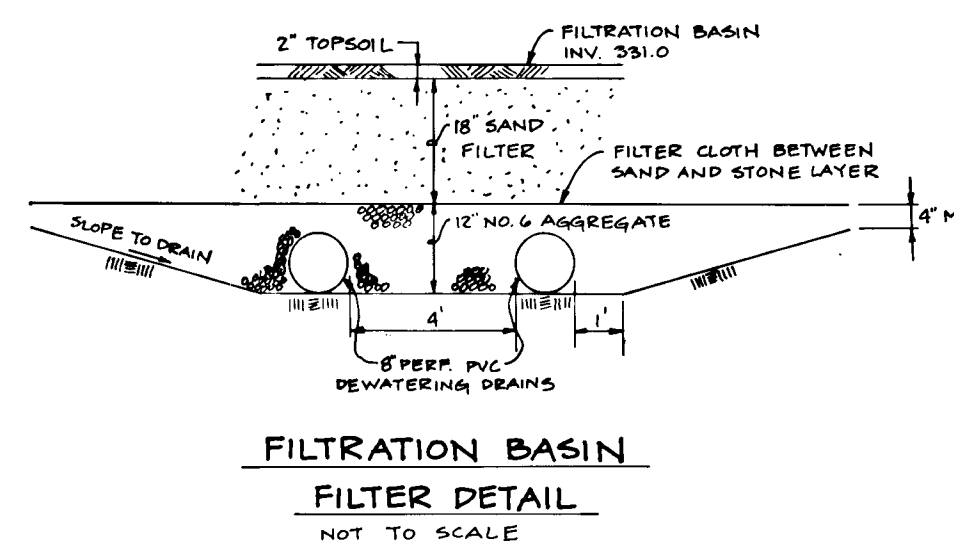
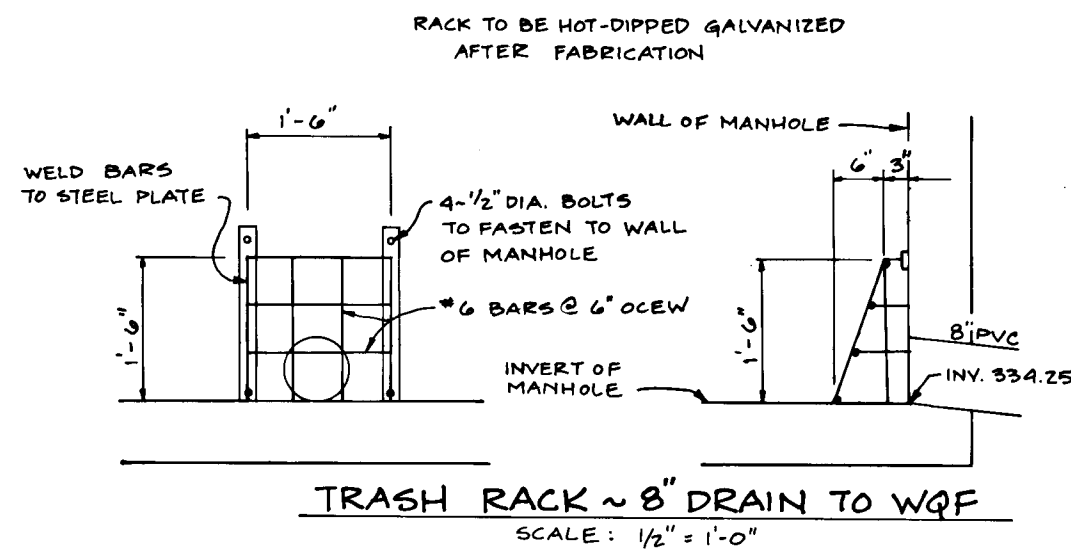
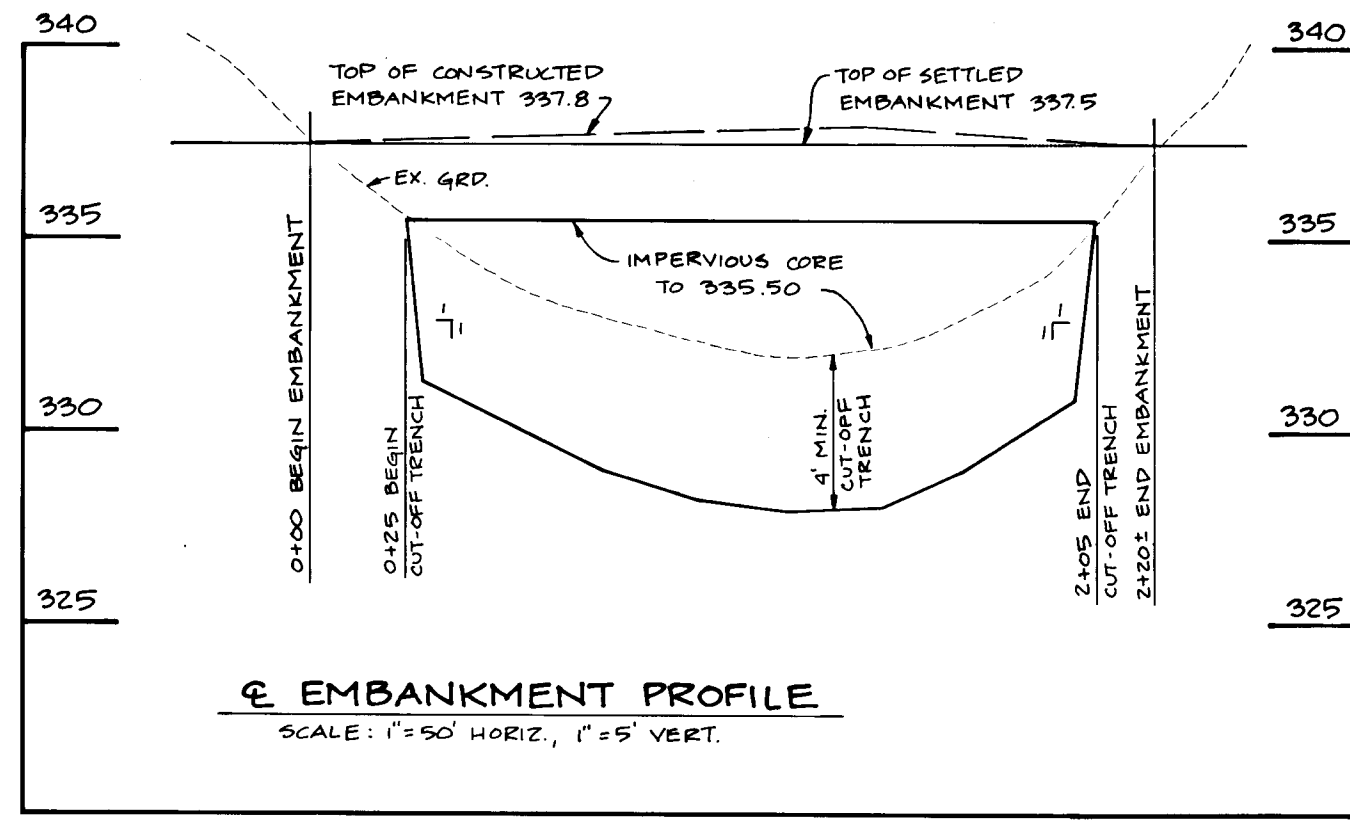
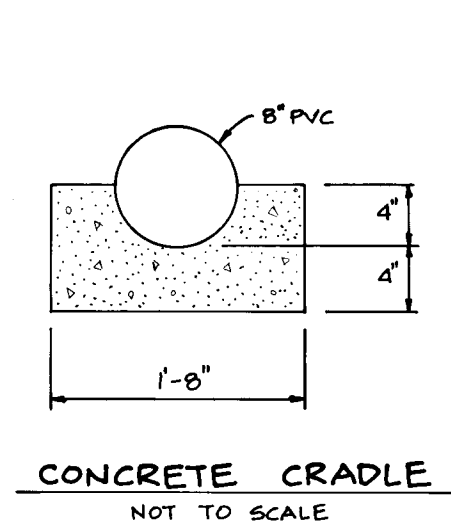
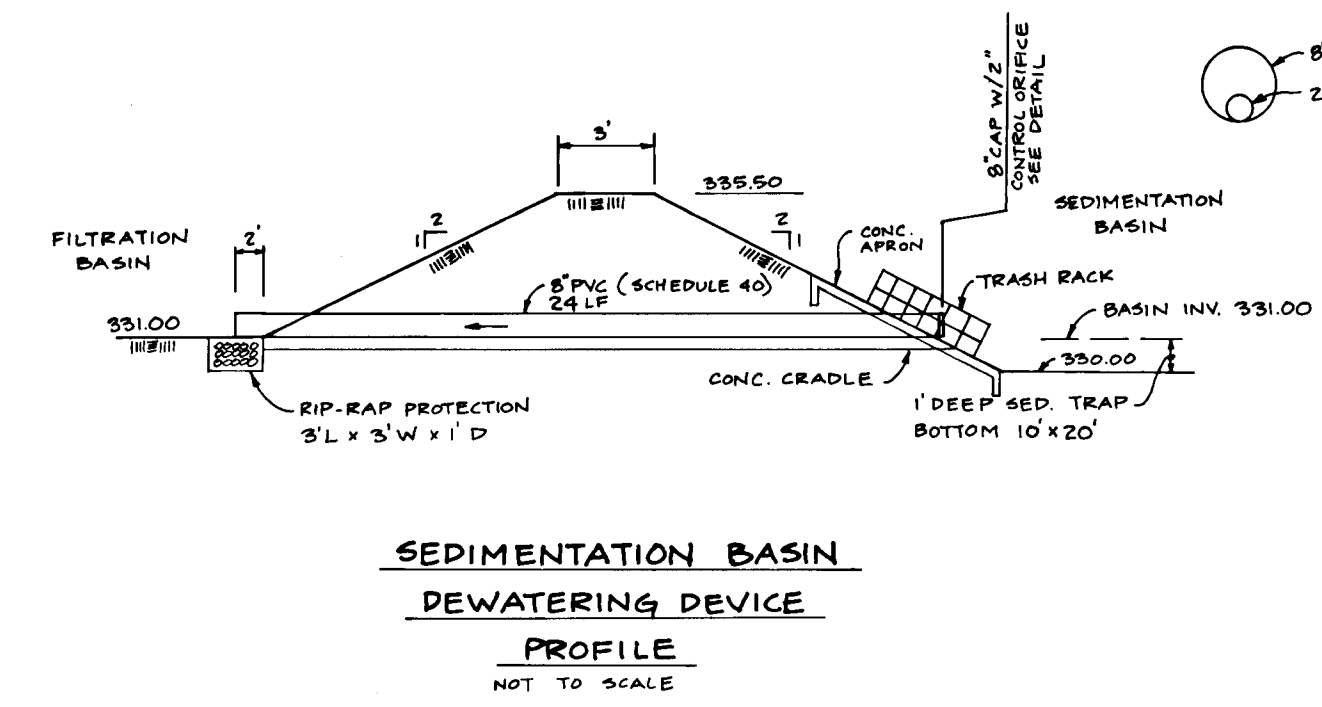
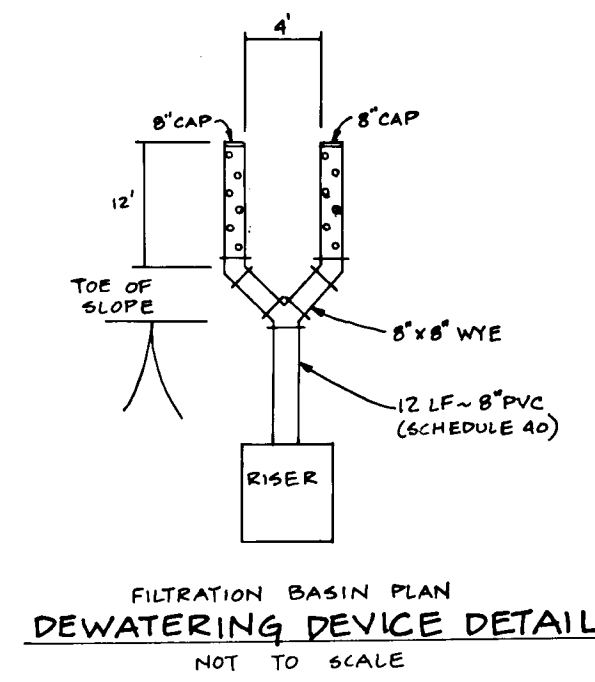
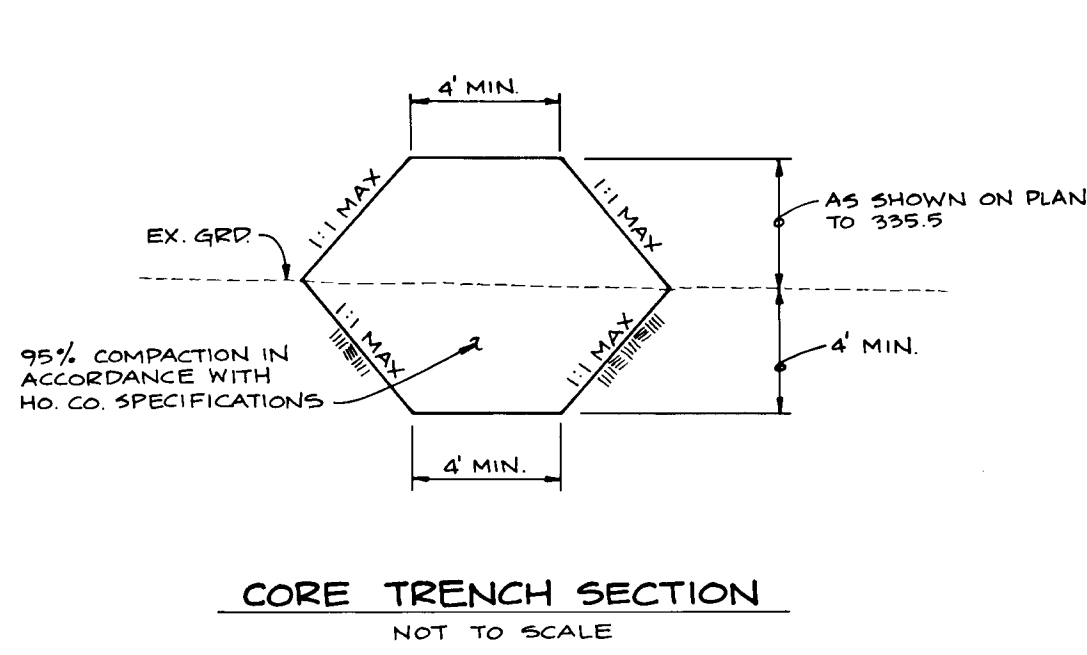
OWNER/DEVELOPER: SDC GROUP, INC. P.O. BOX 417 ELLCOTT CITY, MARYLAND 21043 (410) 465-4244	PROJECT: RICE PROPERTY SECTION 1, AREA 1 LOTS 1-44
TITLE: GRADING PLAN 5-90-07 P-93-03	LOCATION: TAX MAP 37-PARCELS 203,204,432-435 1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE: APRIL 20, 1993 APRIL 7, 1994	PROJECT NO. 0483
DES: JME	DRN: DRK/DBT
SCALE: 1" = 50'	DRAWING 4 OF 8

1. CONCRETE CRADLE TO BE PLACED FOR ENTIRE LENGTH OF 24" PIPE.
2. POUR CONCRETE TO UNDISTURBED EARTH. REMOVE SHEETING BEFORE POURING CONCRETE OR LEAVE LOWER PORTION OF SHEETING IN PLACE.



NOTES

1. MATERIAL FOR EMBANKMENT CONSTRUCTION IS TO BE USCS (S.C., C.H. OR CL).
2. ONLY CL, CH, OR SC SOILS ARE TO BE USED FOR CORE TRENCH CONSTRUCTION.
3. ALL SLOPES AROUND POND ARE TO BE 3:1 MAX.
4. SHOULD WATER BE ENCOUNTERED DURING CONSTRUCTION OF CORE TRENCH, IT IS TO BE REMOVED BY PUMPING. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-297-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
5. SEE SHEET 7 OF 8 FOR CONSTRUCTION NOTES.



BY THE DEVELOPER:
"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 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."
James R. Moxley, Jr. 4/27/93
DEVELOPER: JAMES R. MOXLEY, JR.
SDC GROUP, INC. - PRESIDENT

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 ADVISED 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."
John M. Elorriaga 4/29/93
ENGINEER: JOHN M. ELORRIAGA, P.E. # 16891

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.
Patricia Englefas 4/16/94
U.S. SOIL CONSERVATION SERVICE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
Paul W. Ziehn 4/16/94
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Paula D. Williams 4/28/94
CHIEF, LAND DEVELOPMENT DIVISION
Andrew M. Lauer 4-21-94
CHIEF, BUREAU OF HIGHWAYS
Richard E. Sporn 4/25/94
CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Uma Struminsky 4/27/94
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH

NO	DATE	REVISION

TSA GROUP, INC.
planning • architecture • engineering
8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (410) 465-6105

OWNER/DEVELOPER: SDC GROUP, INC.
P.O. BOX 417
ELLICOTT CITY, MARYLAND 21043
(410) 465-4244

PROJECT: RICE PROPERTY
SECTION 1, AREA 1
LOTS 1-44

LOCATION: TAX MAP 37-PARCELS 203,204, 432-435
1st ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: STORMWATER MANAGEMENT DETAILS
5-90-07 P-93-03

DATE: APRIL 20, 1993
APRIL 7, 1994

DES: JME DRN: DBT

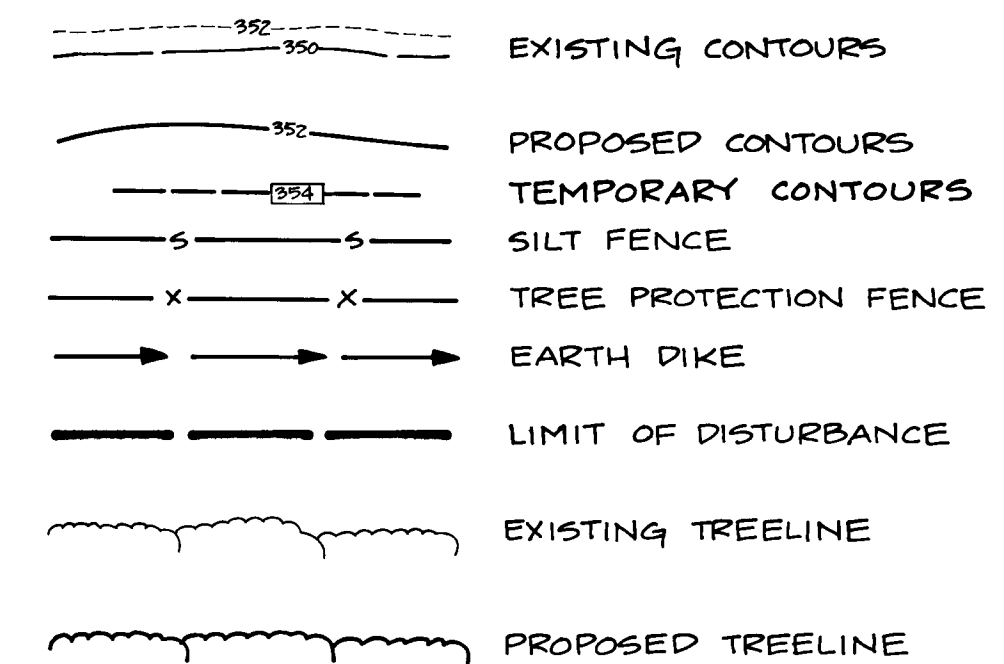
PROJECT NO. 0483
SCALE: AS SHOWN DRAWING 5 OF 8

2697

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE, TREE PROTECTION FENCE, SILT FENCE, AND STONE OUTLET SEDIMENT TRAP.
- CONSTRUCT TEMPORARY SEDIMENT BASIN TO INV. 350.00, RISER, AND OUTFALL. INSTALL 6" PVC DRAIN PIPE AND TEMPORARY DEWATERING DEVICE.
- INSTALL EARTH DIKES.
- GRADE ROADWAY TO SUBGRADE. INSTALL MOUNTABLE BERM AT STA. 5+00.00 CONWOLD DRIVE TO MAINTAIN POSITIVE DRAINAGE TO SEDIMENT BASIN. CONSTRUCT NOISE MITIGATION BERM AND COVERTS. STABILIZE ALL DISTURBED AREAS. NOISE BERM IS TO BE CONSTRUCTED AND STABILIZED IN 100 FOOT LENGTHS MAXIMUM. INSTALL EROSION CONTROL MATTINGS AS SHOWN.
- DEMOLISH AND REMOVE EXISTING STRUCTURES.
- CONSTRUCT SEWER, WATER, AND STORM DRAIN SYSTEMS.
- CONSTRUCT CURB AND GUTTER AND PAVING.
- STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDBED NOTES.
- UPON APPROVAL OF THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE.
- CONVERT SEDIMENT BASIN TO PERMANENT WATER QUALITY FACILITY AS FOLLOWS:
 - PUMP OUT IMPONDED WATER.
 - DREDGE BASIN TO REMOVE ALL SEDIMENT.
 - GRADE POND TO PLAN SHEET.
 - INSTALL SEDIMENTATION AND FILTRATION DEWATERING DEVICES AND SAND FILTER.
 - PERMANENTLY STABILIZE.
- LANDSCAPE.

LEGEND



SEDIMENT BASIN DATA:

DRAINAGE AREA	6.6 AC.
STORAGE REQUIRED	23,760 CF
STORAGE PROVIDED	30,900 CF
TRAP BOTTOM DIMENSION	SEE GRADING PLAN
STORAGE DEPTH	5
SIDE SLOPE	2:1
BOTTOM ELEVATION	350.00
EMBANKMENT ELEVATION	357.50
CREST ELEVATION	355.50
CLEANOUT ELEVATION	355.50

STONE OUTLET SEDIMENT TRAP:

MAX DRAINAGE AREA	1.0 AC.
STORAGE REQUIRED	3,600 CF
STORAGE PROVIDED	3,900 CF
TRAP BOTTOM DIMENSION	25' x 35'
STORAGE DEPTH	5
SIDE SLOPE	2:1
BOTTOM ELEVATION	350.00
EMBANKMENT ELEVATION	354.00
CREST ELEVATION	355.00
CREST WIDTH	4
CLEANOUT ELEVATION	351.5

BY THE DEVELOPER:
 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 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.

James R. Maley
 DEVELOPER: JAMES R. WOXLEY, JR.
 SDC GROUP, INC. - PRESIDENT
 DATE: 4-27-93

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.

John M. Elmeraga
 ENGINEER: JOHN M. ELMERAGA, P.E. # 16891
 DATE: 4/28/93

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.

Patricia Engler /s.
 U.S. SOIL CONSERVATION SERVICE
 DATE: 4/28/93

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Robert W. Zich /s.
 HOWARD SOIL CONSERVATION DISTRICT
 DATE: 4/28/93

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Abby Dammus
 DATE: 4/28/93

Andrew M. Dauler
 CHIEF, DIVISION OF HIGHWAYS
 DATE: 4-21-94

Paul J. Sapan
 DATE: 4/25/94

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Ana Jarmany
 DIVISION OF LAND DEVELOPMENT AND RESEARCH
 DATE: 4/27/94

NO.	DATE	REVISION

TSA GROUP, INC.
 planning • architecture • engineering
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (410) 465-8105

OWNER/DEVELOPER: SDC GROUP, INC. P.O. BOX 417 ELLICOTT CITY, MARYLAND 21043 (410) 465-4244	PROJECT: RICE PROPERTY SECTION 1, AREA 1 LOTS 1-44
LOCATION: TAX MAP 37 - PARCELS 203,204,432-435 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND	TITLE: SEDIMENT CONTROL PLAN 5-90-07 P-93-03
DATE: APRIL 20, 1993 APRIL 7, 1994	PROJECT NO. 0483
DES: JME DRN: DRK/DBT	SCALE: 1" = 50' DRAWING 6 OF 8

269T

