

SCHOOLEY MILL PARK

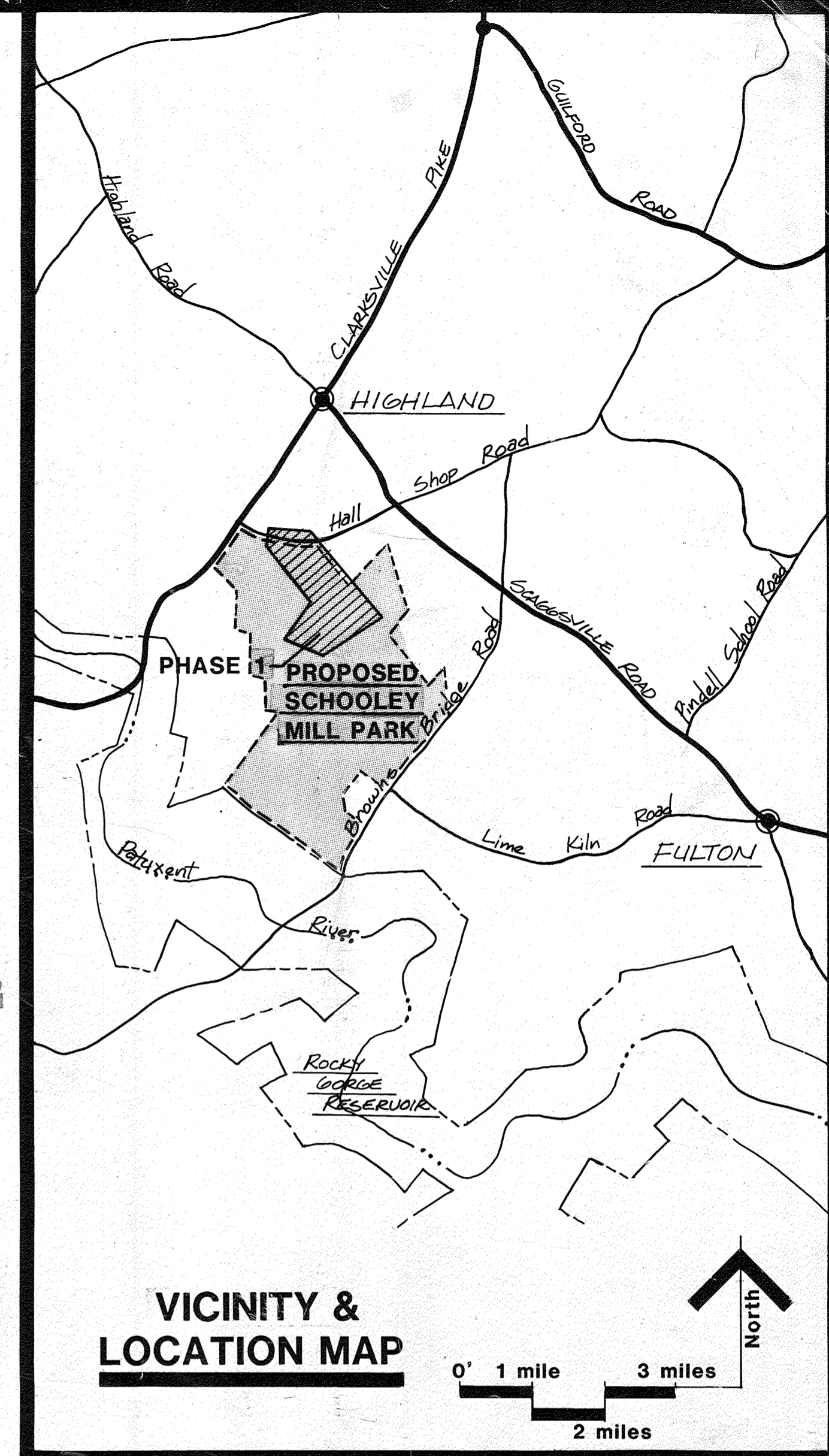
HOWARD COUNTY, MARYLAND

PHASE ONE

CAPITAL PROJECT NO. 99N-3082

DEPARTMENT OF PUBLIC WORKS FOR THE
DEPARTMENT OF RECREATION AND PARKS

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-6-84



"PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 33772. EXPIRATION DATE: 06/16/23"



NOTICE TO CONTRACTORS:

PLANTING SHEETS 27, 28 THRU 31 NOT INCLUDED AS PART OF THIS CONTRACT AND HAVE BEEN REMOVED FROM THIS SET.

FOR REV. NO. 3 ONLY

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

APPROVED: Howard S. C.D. DATE 5-17-84

"I CERTIFY THAT THE 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

DATE 10/23

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THE PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT."

SIGNATURE OF DEVELOPER

DATE 6-18-84

REVIEWED FOR Howard S.C.D. AND MEETS TECHNICAL REQUIREMENTS

SIGNATURE

DATE 5-17-84

SITE ANALYSIS

Howard County, MD, Department of Public Works for the Department of Recreation and Parks
3430 Court House Drive
Ellicott City, MD

Election District No. 5 (Census Tract 6051) Howard County, MD
Tax Map No. 40
Liber 881, Folio 483, Parcel 113

Area of parcel: 172.633 acres
Area disturbed: 66%
Existing impervious area: 0.0026%/0.46 acres
Area to be revegetated: 61.2 acres
New impervious area: 0.029%/5.12 acres
Total impervious area: 0.032%/5.58 acres

Zoned R
Parking spaces provided on site: 250

Adjacent Properties:

East: Howard F. Carl
191/416
Zoned R
West: Robert B. Shillinger
361/288
Zoned R
Clifton Link, Jr.
510/39
Zoned R

SHEET LIST

SHEET NO.	TITLE
1	COVER SHEET
2,3,4,5	DEMOLITION AND LAYOUT PLAN
6,7,8,9	GRADING PLAN
10,11	ROAD PROFILES
12,13	DRAIN PROFILES
14,15,16,17	EROSION AND SEDIMENT CONTROL PLAN
18,19,20,21	DRAINAGE AREA MAP
22	PROJECT DRAINAGE AREA MAP
23,24,25,26	SITE DETAILS
27,28,29,30	PLANTING PLAN (DELETED, N.I.C.)
31	PLANTING DETAILS (Deleted, N.I.C.)
32	EROSION AND SEDIMENT CONTROL DETAILS
33,34	SEPTIC SYSTEM AND DETAILS

SUBDIVISION NAME	SECT / AREA	PARCEL #
SCHOOLEY MILL PARK	PHASE - ONE	113
PLAT # OR L/F	BLOCK #	ZONE
881/483	10	R
TAX / ZONE MAP	REG. DIST.	CENSUS TR.
40	5th	6051
WATER CODE	SEWER CODE	

SHEET NO.	TITLE
35	REVISED SITE DEVELOPMENT PLAN
36	DETAILS
37	GRADING, EROSION & SEDIMENT CONTROL NOTES & DETAILS

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
PARCEL NO. 113	12975 HALL'S SHOP ROAD

SHEET NO.	TITLE
38	EROSION AND SEDIMENT CONTROL NOTES
39	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS



Howard County, MD, Department of Public Works for the Department of Recreation and Parks, 3430 Court House Drive, Ellicott City, MD
Election District No. 5 (Census Tract 6051)
Tax Map No. 40
Liber 881, Folio 483, Parcel 113

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
DATE 6-20-84

APPROVED: For Storm Drainage Systems and Roads

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR
CHIEF, BUREAU OF ENGINEERING

APPROVED: For Private Water and Private Sewerage Systems

HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER

APPROVED: Howard County Office of Planning and Zoning

PLANNING DIRECTOR
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
1	ELB	ARD		ADDITION OF A PICNIC PAVILION (SHELTER)	2-13-86
2	PSW			CRICKET FIELD	5/13/80
3	ENW	NB		REV. EQUESTRIAN RING	4-17-23

COVER SHEET

SCHOOLEY MILL PARK

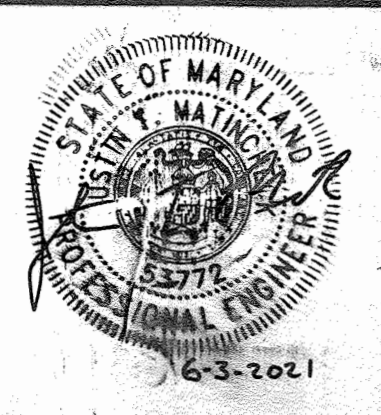
DRAWN: CMS
CHKD: SJP
APPD: TRP
DATE: MARCH, 1983

Booker
Engineers, Architects, Planners
1130 Olive St.
ST. LOUIS, MISSOURI 63101

PROJECT NO. W-1913
SHEET NO. 1 of 39

PROFESSIONAL CERTIFICATE:

I HEREBY CERTIFY THAT THE INFORMATION (DRAWING) ON THESE DOCUMENTS WAS PREPARED OR APPROVED BY ME, AND I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 58772, EXPIRATION DATE 01/10/23. I DO NOT CERTIFY THE ACCURACY OF THE INFORMATION IN BLACK WHICH WAS PREPARED BY OTHERS. REFER TO THE SCHOOLEY MILL PARK FACILITIES WASHPAD DESIGN PACKAGE, CAPITAL PROJECT C-0313 FOR CONSTRUCTION QUALITY INFORMATION.



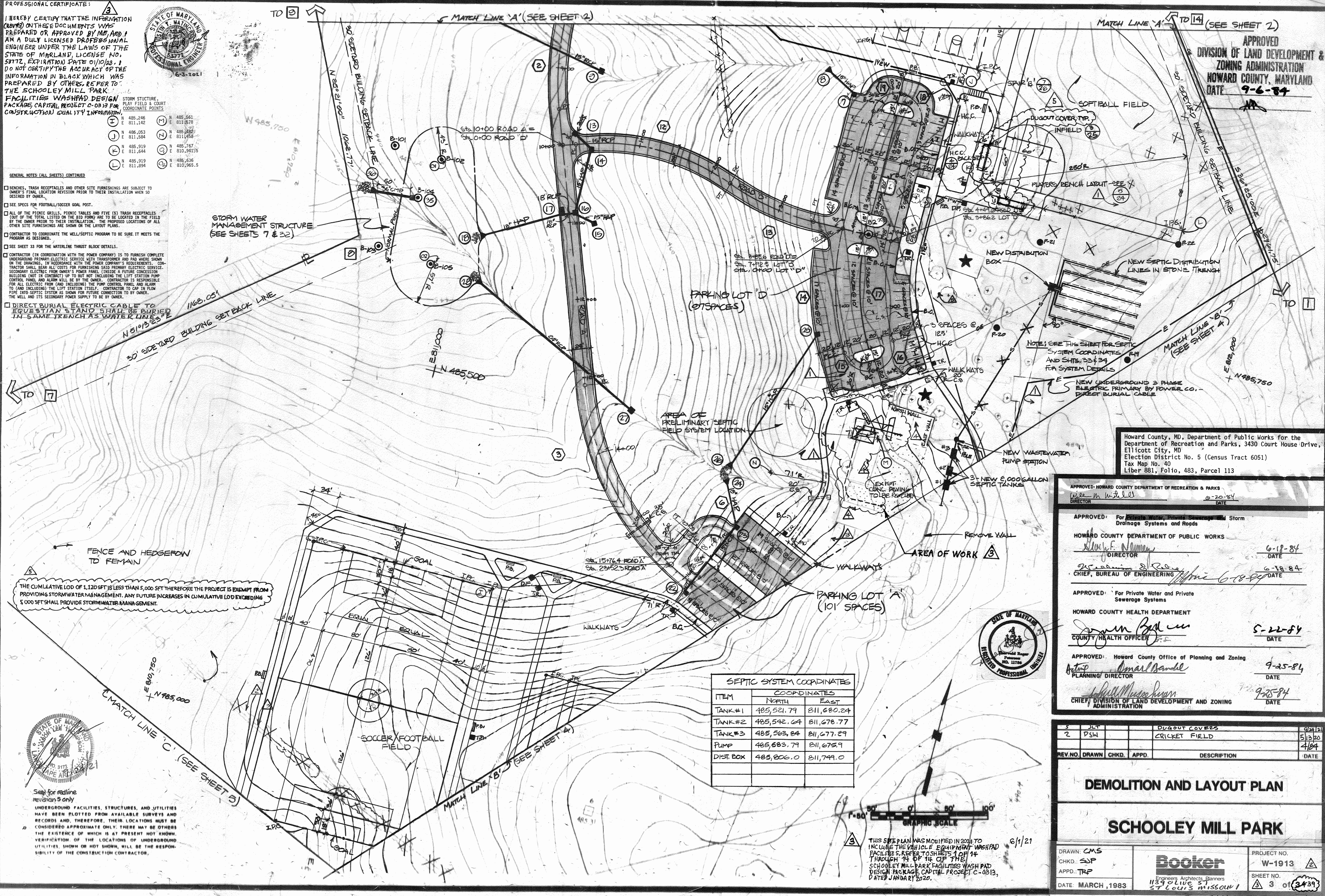
STORM STRUCTURE, PLAY FIELD & COURT COORDINATE POINTS

(I)	N 485,246	(M)	N 485,661
(J)	E 811,142	(N)	E 811,973
(K)	N 485,053	(O)	N 485,989
(L)	E 811,604	(P)	N 485,767
		(Q)	E 810,943
		(R)	N 485,139
		(S)	E 810,965.5

GENERAL NOTES (ALL SHEETS) CONTINUED

- BENCHES, TRASH RECEPTACLES AND OTHER SITE FURNISHINGS ARE SUBJECT TO OWNER'S FINAL LOCATION REVISION PRIOR TO THEIR INSTALLATION WHEN SO DESIRED BY OWNER.
- SEE SPECS FOR FOOTBALL/SOCCER GOAL POST.
- ALL OF THE PICNIC GRILLS, PICNIC TABLES AND FIVE (5) TRASH RECEPTACLES (TWO OF THE TOTAL LISTED ON THE BID FORM) ARE TO BE LOCATED IN THE FIELD BY THE OWNER PRIOR TO THEIR INSTALLATION. THE PROPOSED LOCATIONS OF ALL OTHER SITE FURNISHINGS ARE SHOWN ON THE LAYOUT PLANS.
- CONTRACTOR TO COORDINATE THE WELL/SEPTIC PROGRAM TO BE SURE IT MEETS THE PROGRAM AS DESIRED.
- SEE SHEET 33 FOR THE WATERLINE THRUST BLOCK DETAILS.
- CONTRACTOR (IN COORDINATION WITH THE POWER COMPANY) IS TO FURNISH COMPLETE UNDERGROUND PRIMARY ELECTRIC SERVICE WITH TRANSFORMER AND PAD WHERE SHOWN ON THE DRAWINGS. IN ACCORDANCE WITH THE POWER COMPANY'S REQUIREMENTS, CONTRACTOR SHALL BEAR ALL COSTS FOR PURCHASING SAID PRIMARY ELECTRIC SERVICE. SECONDARY ELECTRIC FROM OWNER'S POWER PANEL (INSIDE A FUTURE CONCESSION BUILDING (NOT IN CONTRACT) UP TO BUT NOT INCLUDING THE LIFT STATION PUMP CONTROL PANEL AND ALARM WILL BE BY THE OWNER. CONTRACTOR IS RESPONSIBLE FOR ALL ELECTRIC FROM (AND INCLUDING) THE PUMP CONTROL PANEL AND ALARM TO (AND INCLUDING) THE LIFT STATION ITSELF. CONTRACTOR TO CAP IN FLOW PIPE INTO SEPTIC SYSTEM AS SHOWN FOR FUTURE CONNECTION TO BY OWNER. THE WELL AND ITS SECONDARY POWER SUPPLY TO BE BY OWNER.
- DIRECT BURIAL ELECTRIC CABLE TO EQUESTRIAN STALLS SHALL BE BURIED IN SAME TRENCH AS WATER LINE.

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-6-84



STORM WATER MANAGEMENT STRUCTURE (SEE SHEETS 7 & 32)

PARKING LOT D (27 SPACES)

PARKING LOT A (101 SPACES)

NOTE: SEE THIS SHEET FOR SEPTIC SYSTEM COORDINATES, P-19 AND SHEETS 33 & 39 FOR SYSTEM DETAILS.

Howard County, MD, Department of Public Works for the Department of Recreation and Parks, 3430 Court House Drive, Ellicott City, MD
Election District No. 5 (Census Tract 6051)
Tax Map No. 40
Liber 881, Folio, 483, Parcel 113

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
DIRECTOR: *W. M. White* DATE: 6-20-84

APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR: *W. F. Nomen* DATE: 6-18-84

APPROVED: For Private Water and Private Sewerage Systems
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER: *James Boyd* DATE: 5-22-84

APPROVED: Howard County Office of Planning and Zoning
PLANNING DIRECTOR: *Amal Bhandal* DATE: 9-25-84

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION: *William Masson* DATE: 9-28-84

SEPTIC SYSTEM COORDINATES

ITEM	COORDINATES	
	NORTH	EAST
TANK #1	485,521.79	811,680.24
TANK #2	485,542.64	811,678.77
TANK #3	485,563.84	811,677.29
PUMP	485,683.79	811,675.9
DIST. BOX	485,806.0	811,749.0

THIS SITE PLAN WAS MODIFIED IN 2021 TO INCLUDE THE VEHICLE EQUIPMENT WASHPAD FACILITIES. REFER TO SHEETS 1 OF 14 THROUGH 14 OF 14 OF THE SCHOOLEY MILL PARK FACILITIES WASHPAD DESIGN PACKAGE, CAPITAL PROJECT C-0313, DATED JANUARY 2020.

REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
3	JLT			DOUGOUT COVERS	9/28/24
2	PSW			CRICKET FIELD	5/12/20
					4/84

DEMOLITION AND LAYOUT PLAN

SCHOOLEY MILL PARK

DRAWN: CMS
CHKD: SJP
APPD: TRP
DATE: MARCH, 1983

Booker
Engineers, Architects, Planners
1139 Olive Street
St. Louis, Missouri 63101
216.881.01

PROJECT NO. W-1913
SHEET NO. 3 OF 3439
SDP-85-36

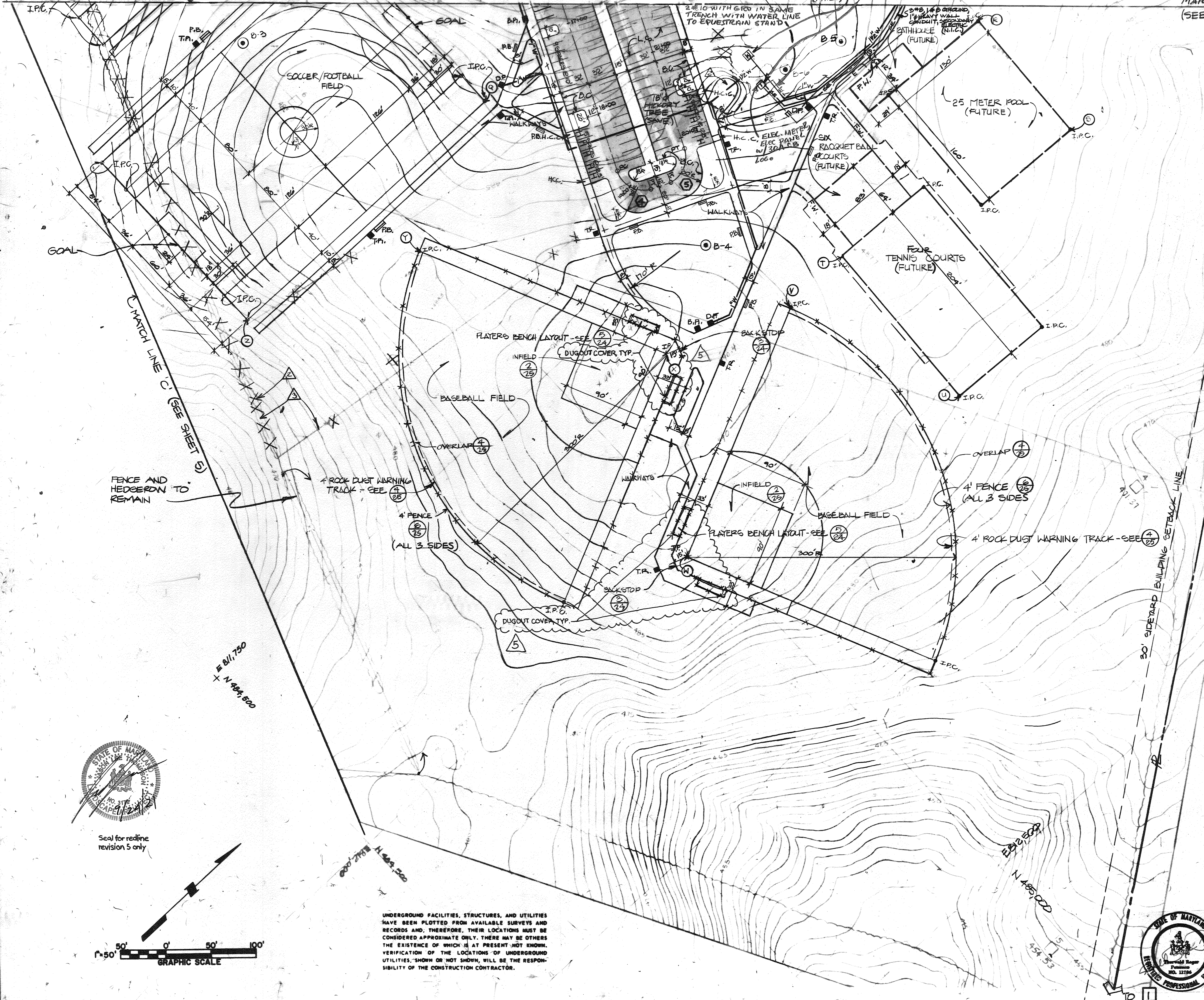


Scale for redline revision 5 only
UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND, THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS THE EXISTENCE OF WHICH IS AT PRESENT NOT KNOWN. VERIFICATION OF THE LOCATIONS OF UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, WILL BE THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR.

1241

(SEE SHEET 2) MATCH LINE 'B'

MATCH LINE 'B' (SEE SHEET 3)



- HOWARD F. CARL
1/1/916
ZONED R

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-6-84

- DEPT. OF RECREATION & PARKS
HOWARD COUNTY, MD.
081/483
ZONED R

POOL
PLAY FIELD & COURT
COORDINATE POINTS

- ⊕ N 484,886 E 811,142
- ⊕ N 485,155 E 811,490
- ⊕ N 485,023 E 817,972
- ⊕ N 485,616 E 811,947
- ⊕ N 485,2009 E 811,5762
- ⊕ N 485,322 E 812,000
- ⊕ N 484,249 E 811,8216
- ⊕ N 484,976 E 812,000
- ⊕ N 485,115.9 E 81,833.9
- ⊕ N 484,401 E 811,562
- ⊕ N 484,935 E 811,480

Howard County, MD, Department of Public Works for the
Department of Recreation and Parks, 3430 Court House Drive,
Ellicott City, MD
Election District No. 5 (Census Tract 6051)
Tax Map No. 40
Liber 881, Folio, 483, Parcel 113

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
Howard F. Carl
DIRECTOR 6-20-84 DATE

APPROVED: For Private Water and Private Sewerage Systems
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Henry F. Neuman
DIRECTOR 6-18-84 DATE
William B. Kelly
CHIEF, BUREAU OF ENGINEERING 6-18-84 DATE

APPROVED: For Private Water and Private Sewerage Systems
HOWARD COUNTY HEALTH DEPARTMENT
Joseph A. Miller
COUNTY HEALTH OFFICER 5-22-84 DATE

APPROVED: Howard County Office of Planning and Zoning
James A. Small
PLANNING DIRECTOR 9-25-84 DATE
John W. ...
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION 9-25-84 DATE

REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
1	J.T.			DUGOUT COVERS	9/22/84
2	P.W.			CRICKET FIELD	5/13/80
					4/84

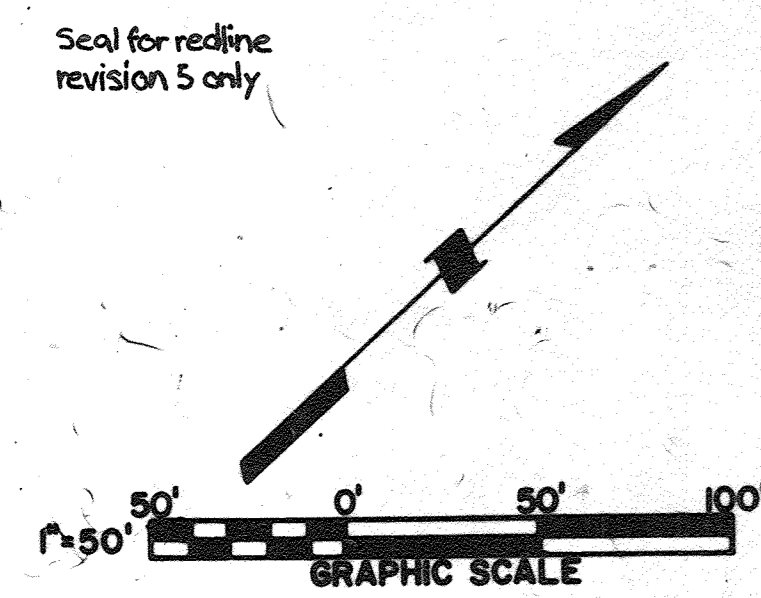
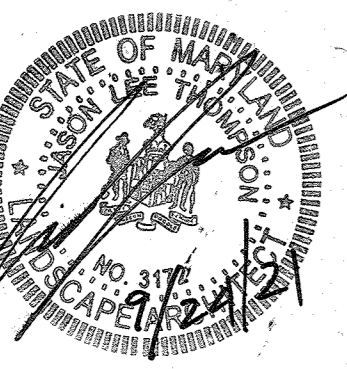
DEMOLITION AND LAYOUT PLAN

SCHOOLEY MILL PARK

DRAWN: CMS
CHKD.: SSP
APPD.: TRP
DATE: MARCH, 1983

Booker
Engineers Architects Planners
1139 9716 56041 6310
57 LOUIS, MISSOURI 63101

PROJECT NO. W-1913
SHEET NO. 4 of 439



UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND, THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS THE EXISTENCE OF WHICH IS AT PRESENT NOT KNOWN. VERIFICATION OF THE LOCATIONS OF UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, WILL BE THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR.

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 9-6-84
 JMS

Howard County, MD, Department of Public Works for the
 Department of Recreation and Parks, 3430 Court House Drive,
 Ellicott City, MD
 Election District No. 5 (Census Tract 6051)
 Tax Map No. 40
 Liber 881, Folio, 483, Parcel 113



APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
 W. J. ... 6-20-84
 DIRECTOR DATE

APPROVED: For Private Water, Private Sewerage, Storm
 Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 J. F. ... 6-18-84
 DIRECTOR DATE

APPROVED: For Private Water and Private
 Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
 J. ... 5-22-84
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning
 ... 9-25-84
 PLANNING DIRECTOR DATE

... 9-25-84
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING
 ADMINISTRATION DATE

PROPERTY CORNER COORDINATES

PROPERTY CORNER REFERENCE	COORDINATE POINT	
	NORTH	EAST
1	484385.341	813138.390
2	484014.101	813449.403
3	483477.134	812460.466
4	482912.806	811271.612
5	483460.759	810848.408
6	484030.275	810013.528
7	484912.866	809952.293
8	485644.401	810862.890
9	486604.838	810407.868
10	486965.734	810495.819
11	486943.849	810587.236
12	486795.389	811089.580
13	486764.350	811226.466
14	486768.723	811380.138

PROPERTY LINE	PROPERTY LINE	
	BEARING	LENGTH
A	N 88° 22' 12" E	133.73'
B	S 71° 13' 27" E	140.36'
C	S 78° 32' 00" E	523.82'
D	S 76° 32' 14" E	84.00'
E	N 13° 41' 46" E	369.73'
F	N 25° 21' 00" W	1062.77'
G	N 51° 13' 23" E	1168.05'
H	N 02° 58' 08" W	884.71'
I	N 55° 42' 00" W	1010.68'
J	N 37° 40' 40" W	682.35'
K	S 64° 36' 26" W	1316.00'
L	S 60° 45' 10" W	1099.04'
M	S 37° 07' 21" E	468.60'
N	S 36° 25' 00" E	2961.78'

PROPERTY LINE INFORMATION

DEPARTMENT OF RECREATION AND PARKS
 HOWARD COUNTY, MARYLAND
 LIBER 881, FOLIO 483, PARCEL 113
 ZONED R'

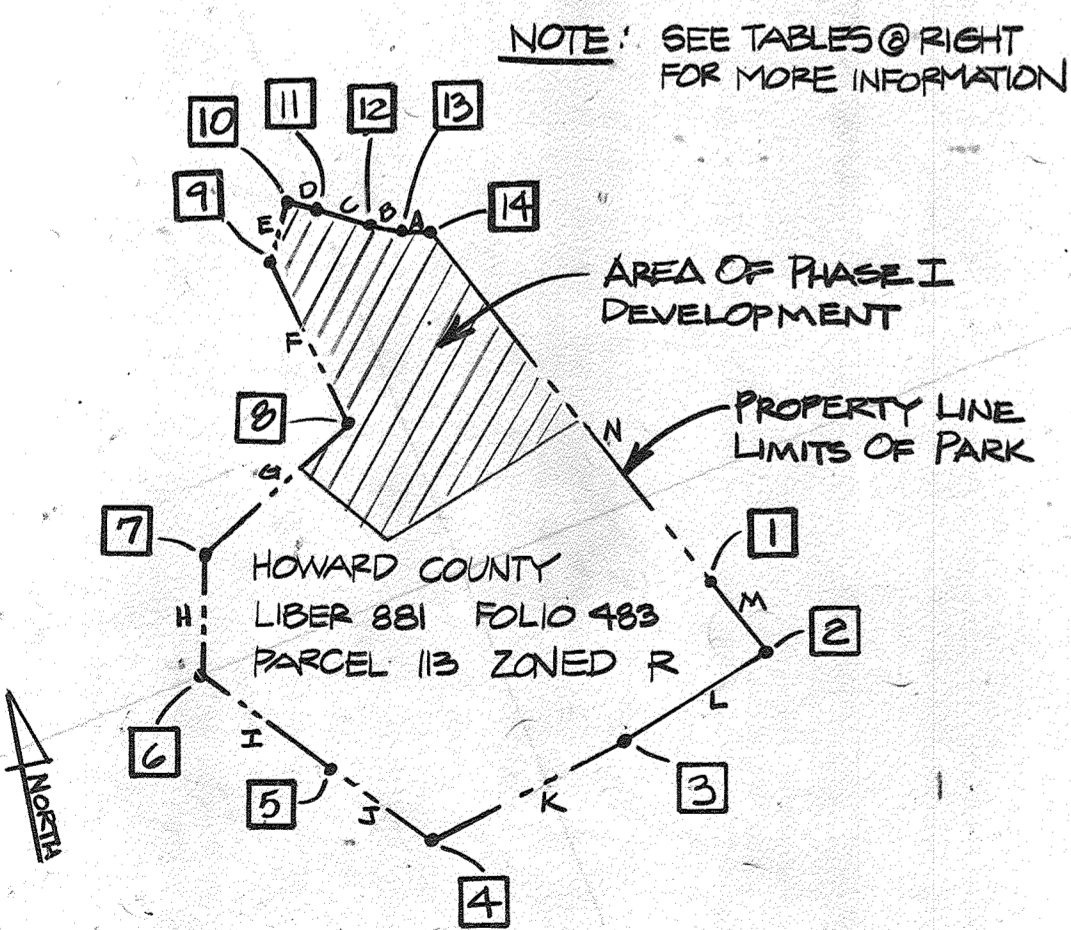
HOWARD COUNTY STATION 2235002R
 N 48° 11' 53.371
 E 803,032.308
 EL. 419.737
 CONC. MON. 2' ± E. OF E. EDGE GRAVEL DR
 .1' BELOW SURF.

HOWARD COUNTY STATION 2235001
 N 48° 07' 02.184
 E 803,403.526
 EL. 455.373
 CONC. MON. 6.5' ± W. OF W. EDGE RD
 600' ± S. OF HALL'S SHOP RD
 .2' BELOW SURF.

NOTE: BORING SITES B-5 & B-6 do not
 have specific location coordinates.

SOIL BORING SITE	COORDINATES	
	NORTH	EAST
B-1	486,500	811,000
B-2	485,810	811,500
B-3	488,000	811,250
B-4	485,230	811,763

SOIL BORING SITE COORDINATES



PROPERTY LINE REFERENCE POINTS
 NO SCALE



COORDINATE SYSTEM & BENCHMARK
 REFERENCE TIE POINTS

REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
2	PM			CRICKET FIELD	5/13/80
					4/84

DEMOLITION AND LAYOUT PLAN

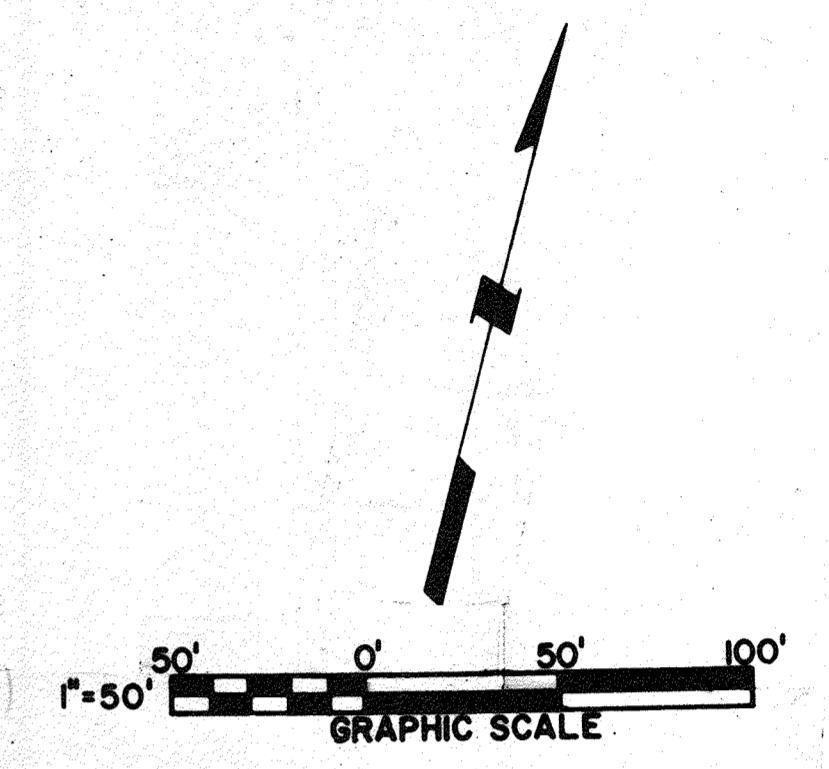
SCHOOLEY MILL PARK

DRAWN: CMS
 CHKD.: SSP
 APPD.: TRP
 DATE: MARCH, 1983

Booker
 Engineers Architects Planners
 1139 86th St. N.W. Atlanta, GA 30329

PROJECT NO. W-1913
 SHEET NO. 2 of 3
 DATE: 5 of 84 39

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 9-6-84



"PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 33772. EXPIRATION DATE: 06-16-83. FOR REV. NO. 3 ONLY"



Howard County, MD, Department of Public Works for the Department of Recreation and Parks, 3430 Court House Drive, Ellicott City, MD, Election District No. 5 (Census Tract 6051) Tax Map No. 40, Liber 881, Folio, 483, Parcel 113

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
 105.00 14 14 75.00 00 6-20-84
 DIRECTOR DATE

APPROVED: For ~~Public Water and Sewerage~~ Storm Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 6-18-84
 DIRECTOR DATE
 CHIEF, BUREAU OF ENGINEERING 6-18-84 DATE

APPROVED: For Private Water and Private Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
 5-22-84
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning
 9-25-84
 PLANNING DIRECTOR DATE
 9-25-84
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

2	DPW		CRICKET FIELD	5/12/80
3	EWM		REV. EQUESTRIAN RING	4-17-83
REV. NO.	DRAWN	CHKD.	APPD.	DATE

GRADING PLAN

SCHOOLEY MILL PARK

DRAWN: CMS
 CHKD.: SJP
 APPD.: TRP
 DATE: MARCH, 1983

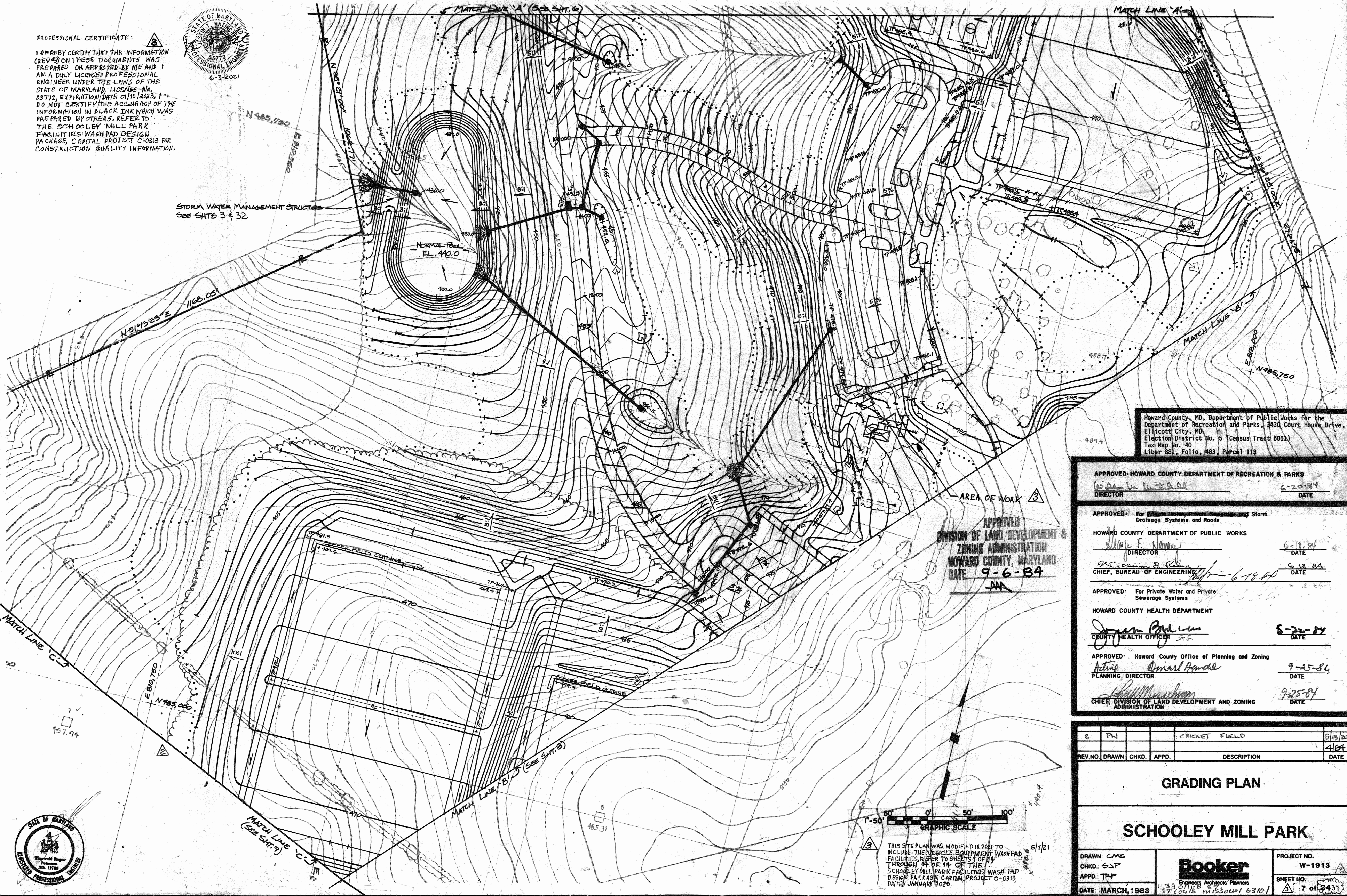
Booker
 Engineers Architects Planners
 1139 5TH ST. SUITE 300
 57 GAITHERSBURG, MARYLAND 20878

PROJECT NO. W-1913
 SHEET NO. 5 of 3437

PROFESSIONAL CERTIFICATE:
 I HEREBY CERTIFY THAT THE INFORMATION (REV#3) ON THESE DOCUMENTS WAS PREPARED OR APPROVED BY ME AND I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE No. 53772, EXPIRATION DATE 01/10/2023, I DO NOT CERTIFY THE ACCURACY OF THE INFORMATION IN BLACK INK WHICH WAS PREPARED BY OTHERS. REFER TO THE SCHOOLEY MILL PARK FACILITIES WASH PAD DESIGN PACKAGE, CAPITAL PROJECT C-0313 FOR CONSTRUCTION QUALITY INFORMATION.



STORM WATER MANAGEMENT STRUCTURES
 SEE SHEETS 3 & 32



Howard County, MD, Department of Public Works for the Department of Recreation and Parks, 3430 Court House Drive, Ellicott City, MD, Election District No. 5 (Census Tract 6051), Tax Map No. 40, Liber 881, Folio, 483, Parcel 113

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 9-6-84
 [Signature]

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
 [Signature] 6-20-84
 DIRECTOR DATE

APPROVED: For Private Water, Sewer, Stormwater, and Storm Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 [Signature] 6-18-84
 DIRECTOR DATE

APPROVED: For Private Water and Private Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
 [Signature] 8-22-84
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning
 [Signature] 9-25-84
 PLANNING DIRECTOR DATE

[Signature] 9-25-84
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

2	PN		CRICKET FIELD	6/15/20	
REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE

GRADING PLAN

SCHOOLEY MILL PARK

DRAWN: CMS
 CHKD: SSP
 APPD: TRP
 DATE: MARCH, 1983

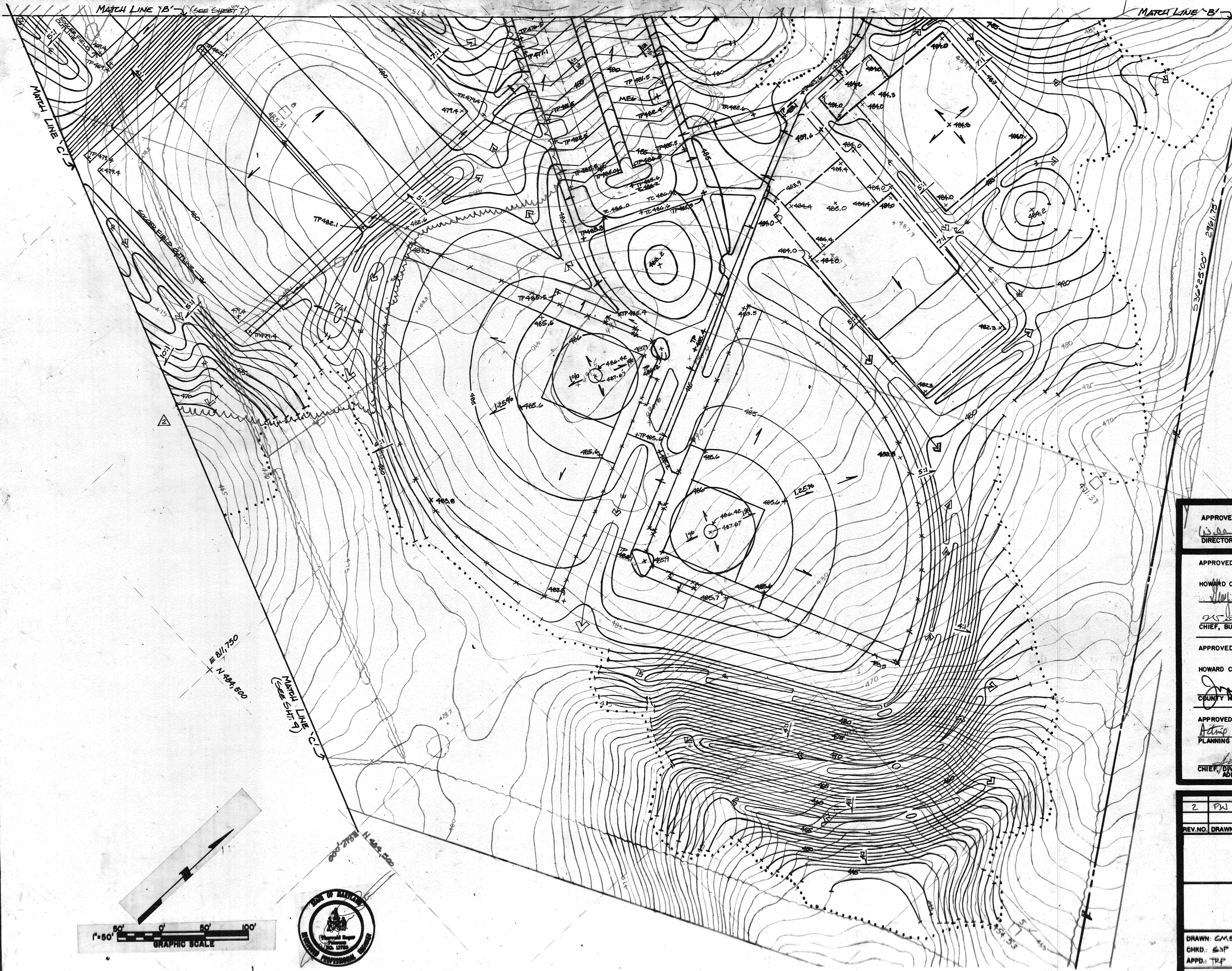
Booker
 Engineers Architects Planners
 1139 GAITHERS BLVD
 ST LOUIS MISSOURI 63101

PROJECT NO. W-1913
 SHEET NO. 7 of 3433

THIS SITE PLAN WAS MODIFIED IN 2021 TO INCLUDE THE VEHICLE EQUIPMENT WASH PAD FACILITIES REFER TO SHEETS 1 OF 14 THROUGH 14 OF 14 OF THE SCHOOLEY MILL PARK FACILITIES WASH PAD DESIGN PACKAGE, CAPITAL PROJECT C-0313, DATED JANUARY 2020.

6/1/21
 [Signature]





APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE **9-6-84**

Howard County, MD, Department of Public Works for the
 Department of Recreation and Parks, 3430 Court House Drive,
 Ellicott City, MD
 Election District No. 5 (Census Tract 6051)
 Tax Map No. 40
 Liber 881, Folio, 483, Parcel 113

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
W. B. H. H. H.
 DIRECTOR 6-20-84
 DATE

APPROVED: For Private Water, Private Sewerage and Storm
 Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
W. E. N. N. N.
 DIRECTOR 6-18-84
 DATE
W. S. R. R. R.
 CHIEF, BUREAU OF ENGINEERING 6-18-84
 DATE

APPROVED: For Private Water and Private
 Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
J. H. H. H.
 COUNTY HEALTH OFFICER 5-11-84
 DATE

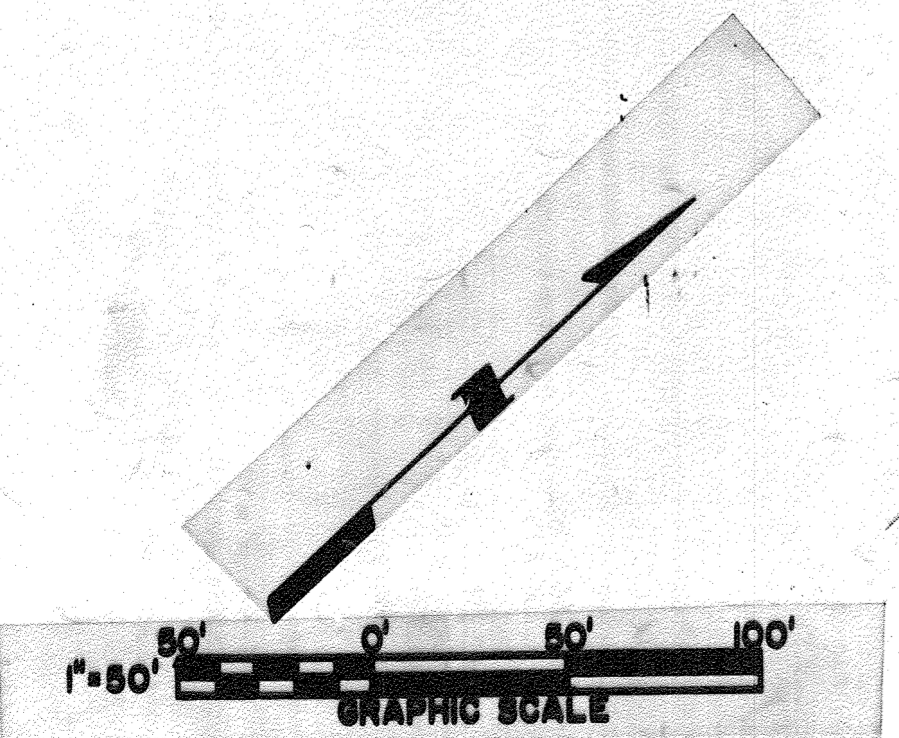
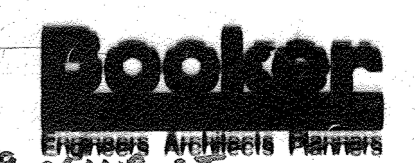
APPROVED: Howard County Office of Planning and Zoning
D. H. H. H.
 PLANNING DIRECTOR 9-25-84
 DATE
J. H. H. H.
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING
 ADMINISTRATION 9-25-84
 DATE

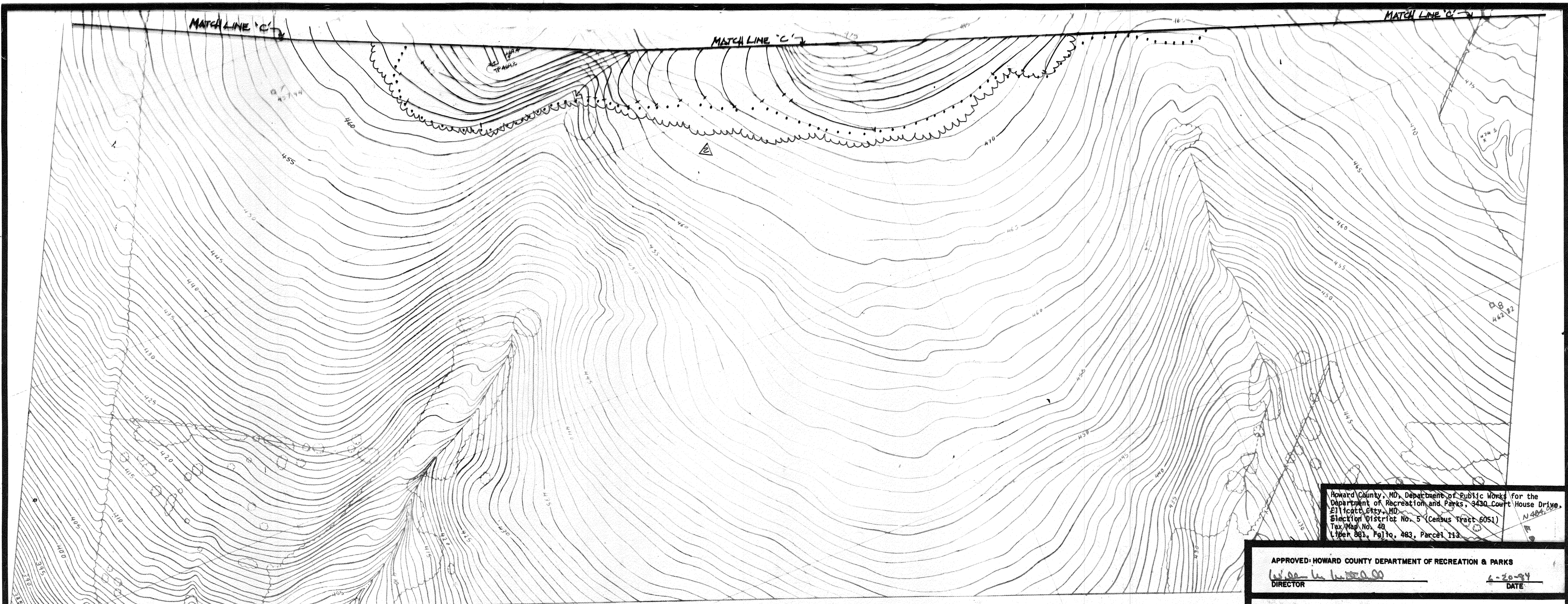
2	PW		CRICKET FIELD	5/13/80	
REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE

GRADING PLAN

SCHOOLEY MILL PARK

DRAWN: GMS	PROJECT NO. W-1910
CHKD.: GSP	SHEET NO. 8 of 31
APPD.: TRP	
DATE: MARCH, 1983	





Howard County, MD, Department of Public Works for the
 Department of Recreation and Parks, 3430 Court House Drive,
 Ellicott City, MD
 Election District No. 5 (Census Tract 6051)
 Tax Map No. 48
 Lines 881, Pg 10, 483, Parcel 113

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 9-6-84

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
W. Lee W. W. 11-20-84 6-20-84
 DIRECTOR DATE

APPROVED: For Public Water, Private Sewerage and Storm
 Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
William F. Nemo 6-18-84
 DIRECTOR DATE

William E. ... 6-18-84
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: For Private Water and Private
 Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
Joseph ... 5-22-84
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning
Arthur ... 9-25-84
 PLANNING DIRECTOR DATE

... 9-25-84
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING
 ADMINISTRATION DATE

2	FW			CRICKET FIELD	5/13/80
REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE

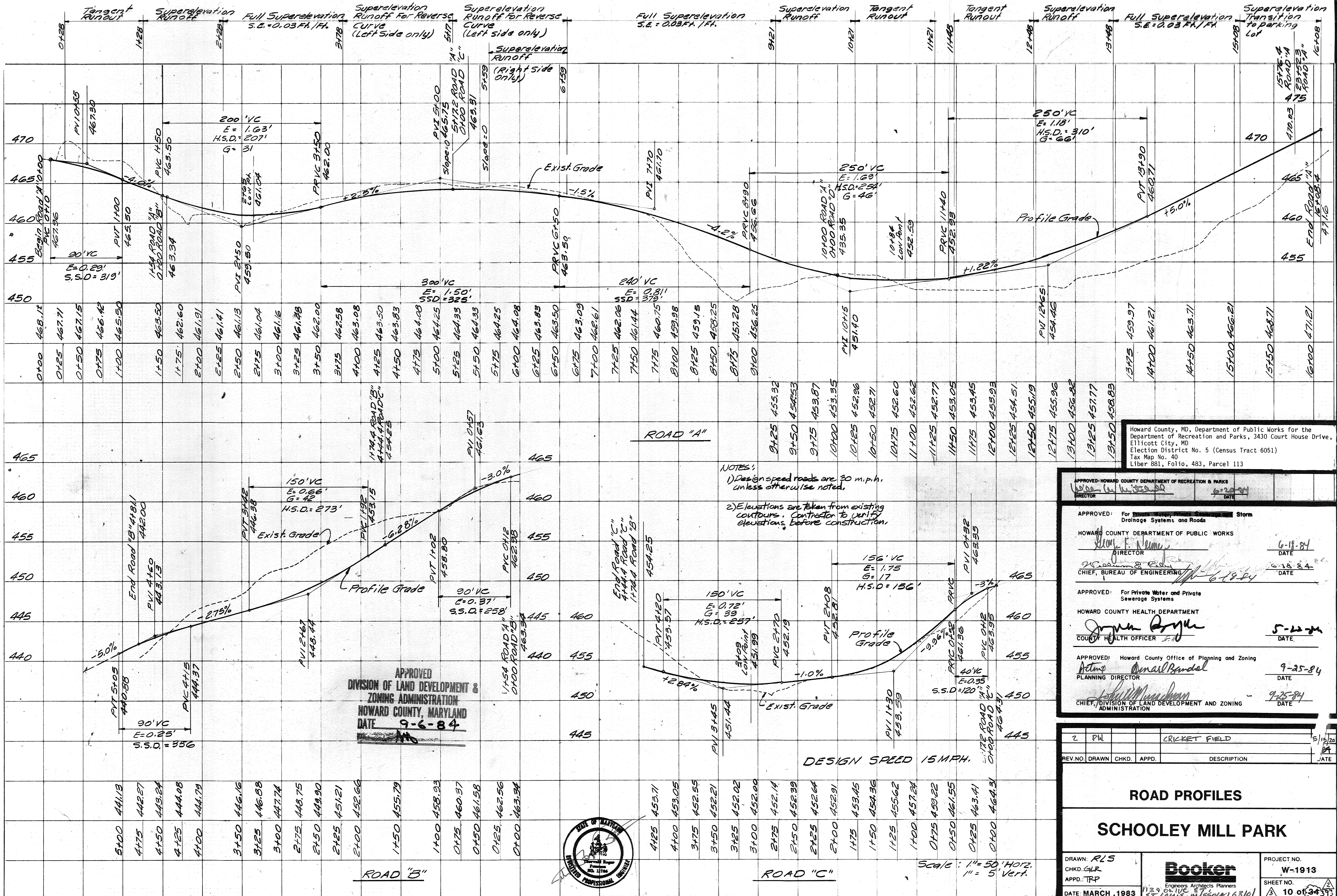
GRADING PLAN
 SCHOOLEY MILL PARK

DRAWN: OMS
 CHKD.: SSP
 APPD.: TRP
 DATE: MARCH, 1983

Booker
 Engineers Architects Planners
 1139 Olive, Missouri 63101

PROJECT NO.
 W-1913
 SHEET NO.
 9 of 3439





Howard County, MD, Department of Public Works for the Department of Recreation and Parks, 3430 Court House Drive, Ellicott City, MD Election District No. 5 (Census Tract 6051) Tax Map No. 40 Liber 881, Folio, 483, Parcel 113

- NOTES:
- 1) Design speed roads are 30 m.p.h. unless otherwise noted.
 - 2) Elevations are taken from existing contours. Contractor to verify elevations before construction.

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-6-84

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
DIRECTOR: *[Signature]* DATE: 6-20-84

APPROVED: For Storm Water Management, Drainage Systems and Roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR: *[Signature]* DATE: 6-18-84
CHIEF, BUREAU OF ENGINEERING: *[Signature]* DATE: 6-18-84

APPROVED: For Private Water and Private Sewerage Systems
HOWARD COUNTY DEPARTMENT OF HEALTH OFFICER: *[Signature]* DATE: 5-22-84

APPROVED: Howard County Office of Planning and Zoning
PLANNING DIRECTOR: *[Signature]* DATE: 9-25-84
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION: *[Signature]* DATE: 9-25-84

2	PW		CRICKET FIELD	5/12/20	
REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE

ROAD PROFILES
SCHOOLEY MILL PARK

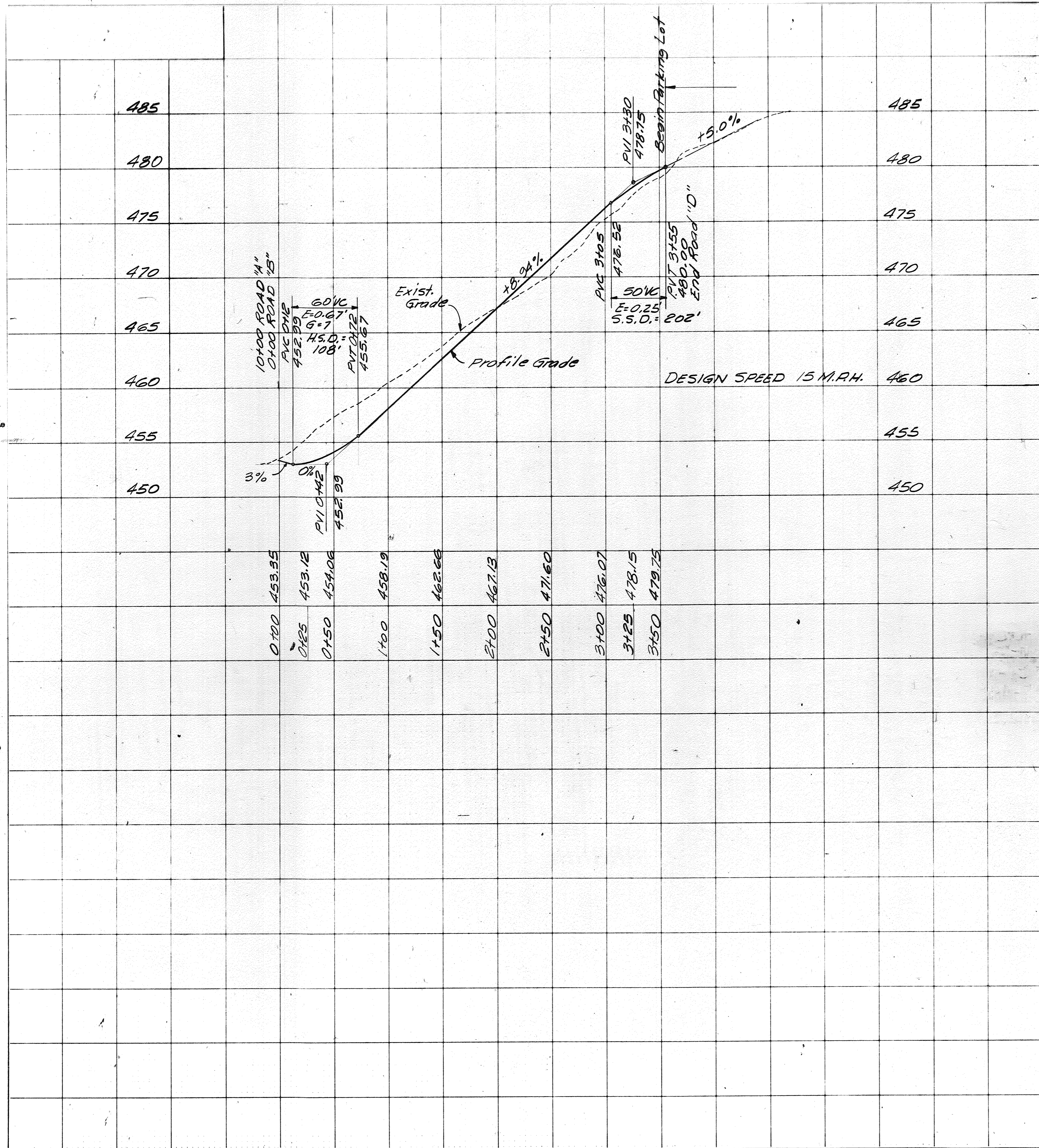
DRAWN: RLS
CHKD. GJR
APPD. TRP
DATE: MARCH, 1983

Booker
Engineers, Architects, Planners
1125 OLIVE ST.
ST. LOUIS, MISSOURI 63101

PROJECT NO. W-1913
SHEET NO. 10 of 34



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



ROADWAY HORIZONTAL CURVE DATA

Curve Number	P.I. Station	Δ°	R (feet)	T (feet)	L (feet)	P.C. Station	P.T. Station	Chord Length (feet)	Chord Bearing
Roadway "A"									
1	3+06.2	340-39'-23"	358.1	111.7	216.5	1+94.5	4+11.0	213.3	S16-40-32W
2	8+03.6	549-05'-14"	347.3	177.3	327.9	6+26.3	9+54.1	315.8	S06-57-42E
3	14+70.0	459-30'-17"	369.2	154.9	293.2	13+15.1	16+08.4	285.6	S42-50-04E
Lot "A"									
4	19+05.4	90°	30.0	30.0	47.1	18+75.4	19+22.5	42.4	N69-24-48E
5	19+71.5	90°	30.0	30.0	47.1	19+41.5	19+88.6	42.4	N20-35-12W
6	22+87.6	90°	30.0	30.0	47.1	22+57.6	23+04.7	42.4	S69-24-48W
Roadway "B"									
7	4+32.5	51°-10'-41"	65.0	31.1	58.1	4+01.4	4+59.4	56.1	S82-51-14W
Lot "B"									
8	5+95.5	45°-47'-29"	65.0	27.5	51.9	5+68.0	6+20.0	50.6	S34-22-09W
9		231°-19'-04"	62.0		250.4	8+95.0	11+45.4	111.8	N75-48-53E
10	11+69.4	51°-19'-04"	50.0	24.0	44.8	11+45.4	11+90.2	43.3	R14-11-08W
Roadway "C"									
11	1+31.7	67°-28'-06"	50.0	33.4	58.9	0+98.3	1+57.1	55.5	N22-15-38W
Roadway "D"									
12	1+26.5	39°-24'-19"	305.4	109.4	210.1	0+17.1	2+27.2	206.0	N89-37-14E
13	2+87.8	19°-19'-24"	355.8	60.6	120.0	2+27.2	3+47.2	119.4	S80-20-18E
Lot "D"									
14	0+81.7	28°-38'-52"	320.0	81.7	160.0	0+00.0	1+60.0	158.3	S14-19-26E
15	1+90.0	90°	30.0	30.0	47.1	1+60.0	2+07.1	42.4	S73-38-52E
16	2+41.1	90°	30.0	30.0	47.1	2+11.1	2+58.2	42.4	N16-21-08E
17	3+23.6	28°-38'-52"	256.0	65.4	128.0	2+58.2	3+86.2	126.7	N14-19-26W
18	5+70.2	90°	30.0	30.0	47.1	5+40.2	5+87.4	42.4	N45-00-00W
19	6+21.4	90°	30.0	30.0	47.1	5+91.4	6+38.5	42.4	S45-00-00W

DESIGN SPEED 15 M.P.H.

10+00 ROAD "A"
0+00 ROAD "B"
PVI 452.99
60% VC
E.O.G. 452.99
G=7
H.S.D. 108'
PVI 478.75
455.67

PVI 310.5
476.52
50% VC
E=0.25
S.S.D.=202'

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-6-84

Howard County, MD, Department of Public Works for the
Department of Recreation and Parks, 3430 Court House Drive,
Ellicott City, MD
Election District No. 5 (Census Tract 6051)
Tax Map No. 40
Liber 881, Folio, 483, Parcel 113

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
DATE 6-20-84

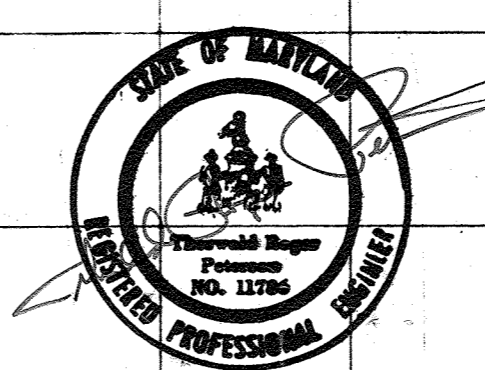
APPROVED: For Private Water and Private Sewerage Systems
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 6-18-84

APPROVED: For Private Water and Private Sewerage Systems
HOWARD COUNTY HEALTH DEPARTMENT
DATE 5-22-84

APPROVED: Howard County Office of Planning and Zoning
DATE 9-25-84

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
DATE 9-25-84

Note:
1. Elevations taken from existing contours. Contractor to verify elevations before construction.



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

2	FW			CRICKET FIELD	5/13/84
REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE

ROAD PROFILES

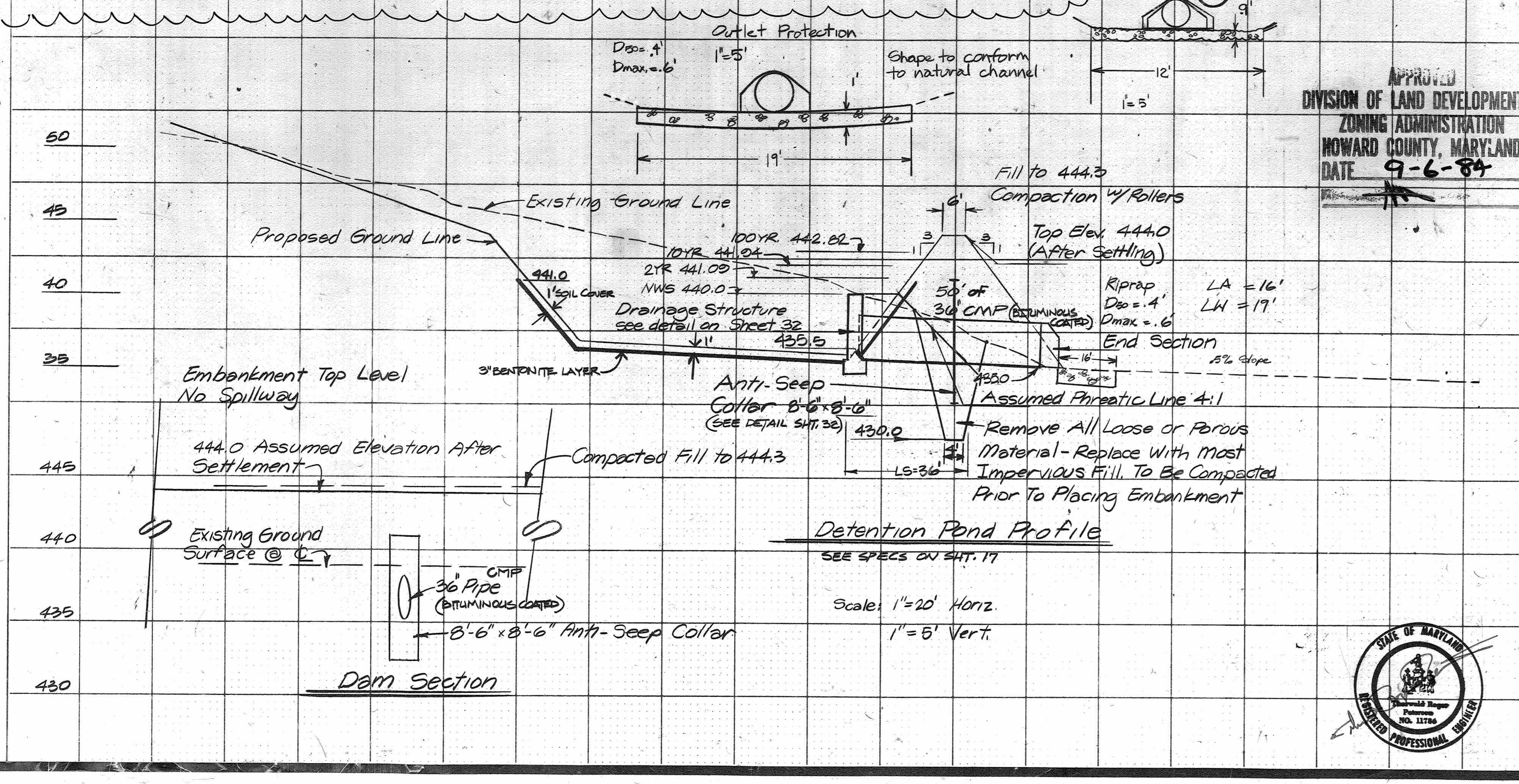
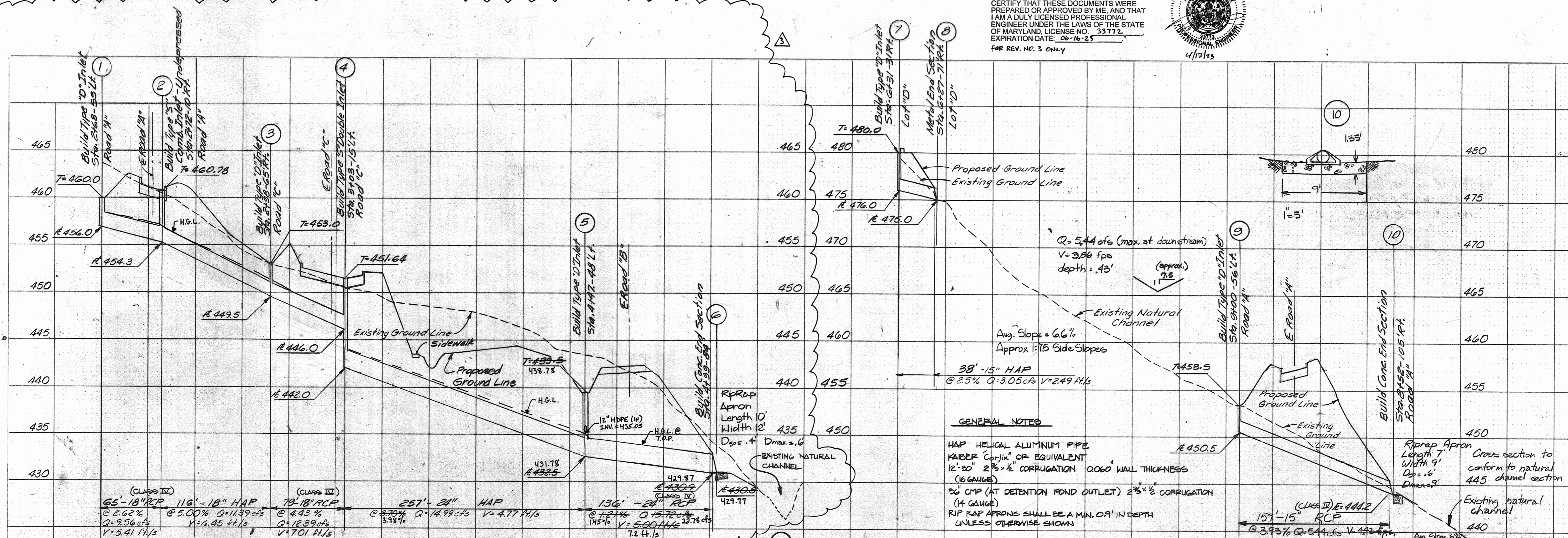
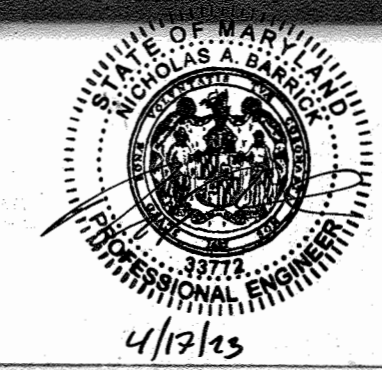
SCHOOLEY MILL PARK

DRAWN: R.L.S.
CHKD: GLR
APPD: TRP
DATE: MARCH, 1983

Booker
Engineers Architects Planners
1139 OLIVE ST. ST. LOUIS, MISSOURI 63101

PROJECT NO. W-1913
SHEET NO. 11 of 34

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 33772. EXPIRATION DATE: 06-16-25. FOR REV. NO. 3 ONLY



APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-6-84

SEDIMENT CONTROL & POND CONSTRUCTION

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 Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I will provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion."
Signature of Developer: *Walter L. Mitchell* 6-20-84

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 must provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion."
Signature of Engineer: *Robert W. Zickler* 5-17-84

Signature of Engineer: *Robert W. Zickler* 5-17-84
Signature of Developer: *Walter L. Mitchell* 6-20-84

Howard County, MD, Department of Public Works for the Department of Recreation and Parks, 3430 Court House Drive, Ellicott City, MD Election District No. 5 (Census Tract 6051) Tax Map No. 40 Liber 881, Folio, 483, Parcel 113

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
DATE 6-20-84

APPROVED: For Private Water, Public Sewerage and Storm Drainage Systems and Roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 6-18-84

APPROVED: For Private Water and Private Sewerage Systems
HOWARD COUNTY HEALTH DEPARTMENT
DATE 5-22-84

APPROVED: Howard County Office of Planning and Zoning
DATE 9-25-84

REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
2	PH			CRICKET FIELD	5/13/80
3	EWM			REV. EQUESTRIAN RING	4-17-83

DRAIN PROFILES

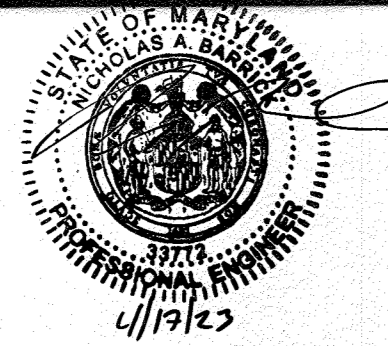
SCHOOLEY MILL PARK

PROJECT NO. W-1913
SHEET NO. 12 of 34

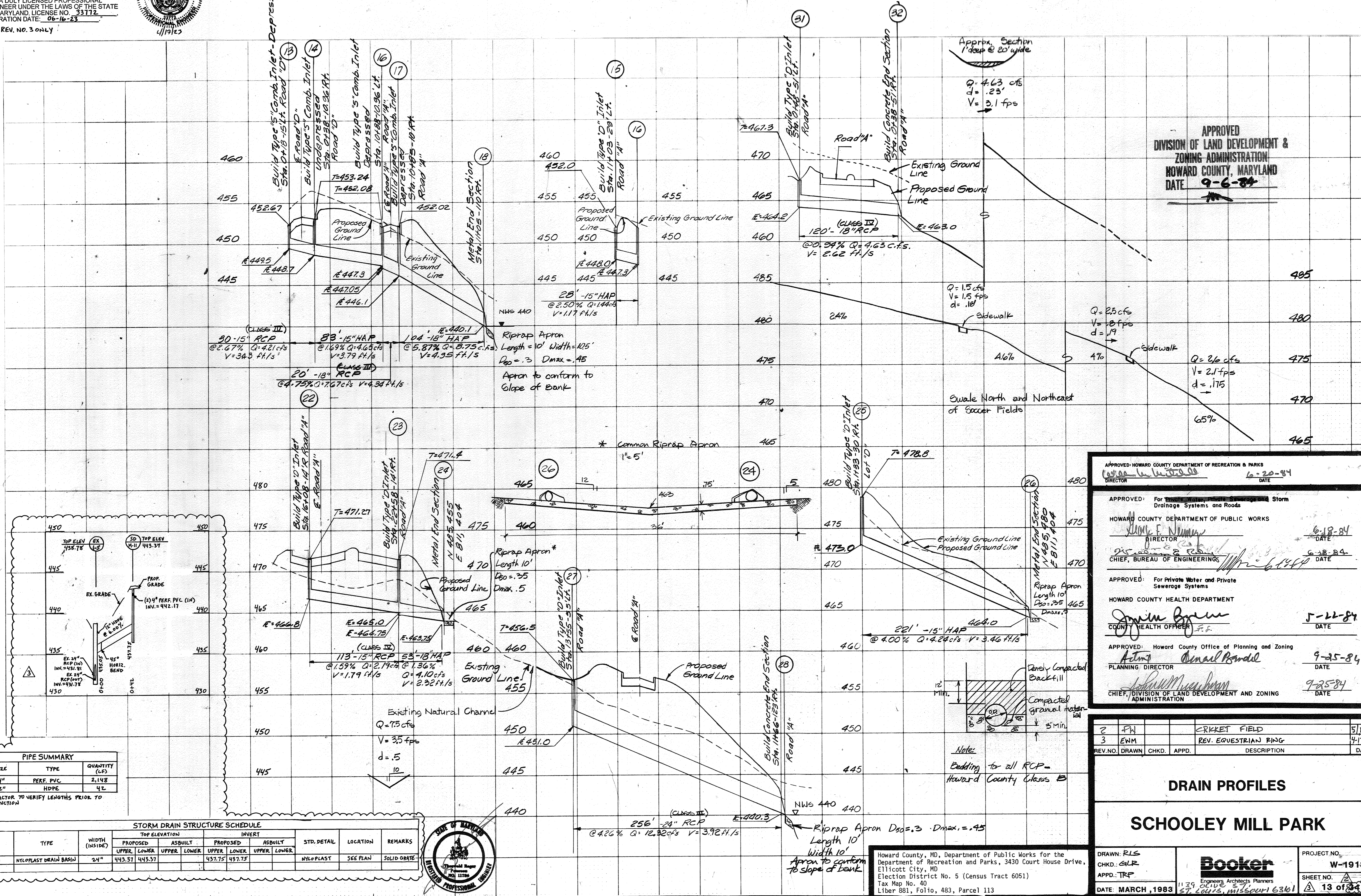
BOOKER ENGINEERS ARCHITECTS PLANNERS
DATE: MARCH, 1983

1241

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 33772 EXPIRATION DATE: 06-16-23



FOR REV. NO. 3 ONLY



APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-6-84

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
DATE 6-20-84

APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 6-18-84

APPROVED: For Private Water and Private Sewerage Systems
HOWARD COUNTY HEALTH DEPARTMENT
DATE 5-22-84

APPROVED: Howard County Office of Planning and Zoning
DATE 9-25-84

APPROVED: DATE 9-25-84

SIZE	TYPE	QUANTITY (L.F.)
4"	PERF. PVC	2,148
12"	HDPE	42

NO.	TYPE	WIDTH (INSIDE)	TOP ELEVATION		INVERT		STD. DETAIL	LOCATION	REMARKS
			PROPOSED	ASBUILT	PROPOSED	ASBUILT			
M-11	NYLOPLAST DRAIN BASIN	24"	443.57	443.57	437.75	437.75	NYLOPLAST	SEE PLAN	SOLID GRATE

REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
2	FW			CRICKET FIELD	5/13/84
3	ENM			REV. EQUESTRIAN RING	4/17/23

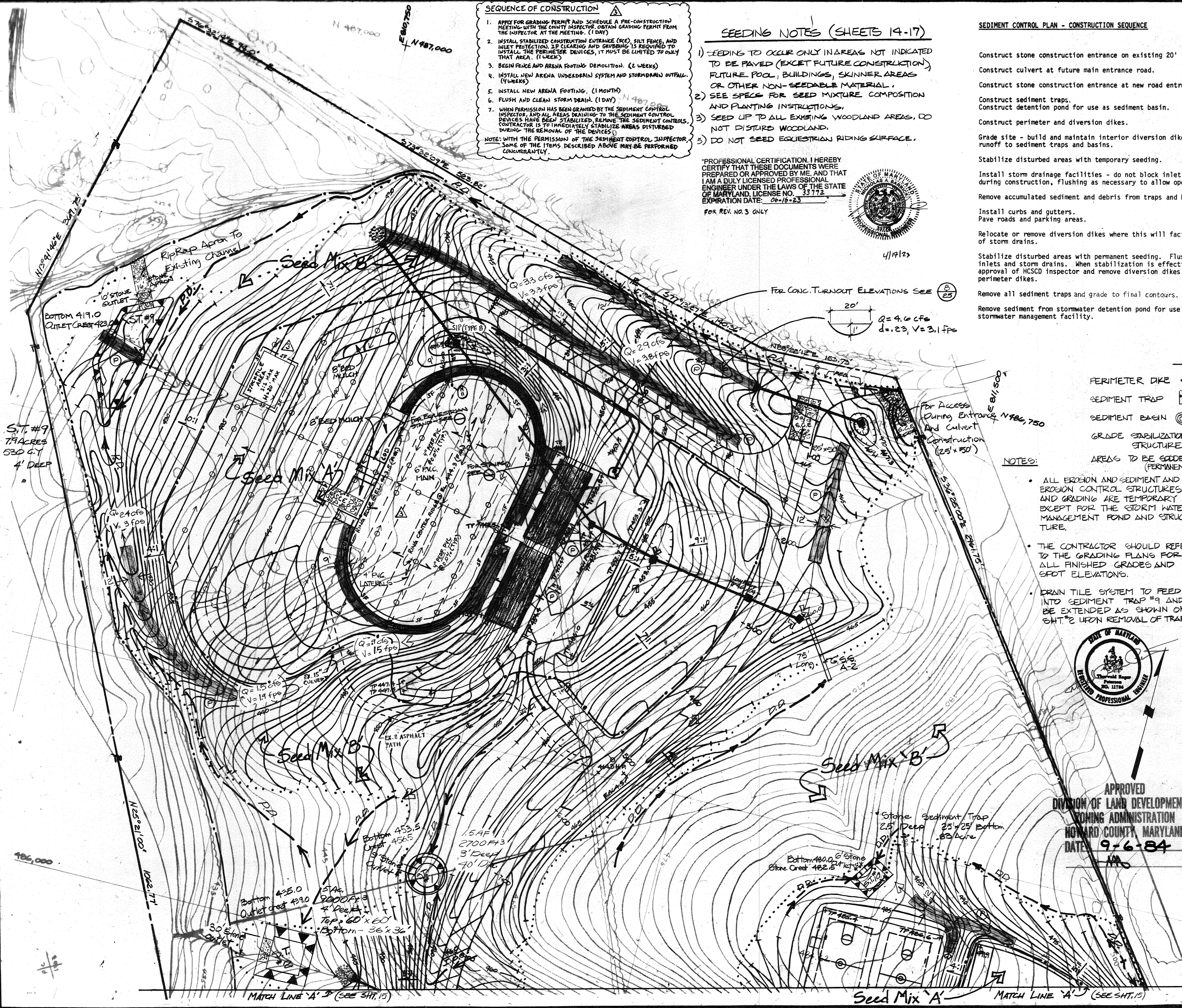
DRAIN PROFILES
SCHOOLEY MILL PARK

DRAWN: RLS
CHKD: CLR
APPD: TRF
DATE: MARCH, 1983

Booker
Engineers, Architects, Planners
1139 Olive St.,
St. Louis, Missouri 63101

PROJECT NO. W-1913
SHEET NO. 13 of 24

Howard County, MD, Department of Public Works for the Department of Recreation and Parks, 3430 Court House Drive, Ellicott City, MD Election District No. 5 (Census Tract 6051) Tax Map No. 40 Liber 881, Folio, 483, Parcel 113



- SEQUENCE OF CONSTRUCTION**
1. APPLY FOR GRADING PERMIT AND SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE COUNTY INSPECTOR. OBTAIN GRADING PERMIT FROM THE INSPECTOR AT THE MEETING. (1 DAY)
 2. INSTALL STABILIZED CONSTRUCTION ENTRANCE (SEE SILT FENCE, AND INLET PROTECTION). IF CLEARING AND GRUBBING IS REQUIRED TO INSTALL THE PERIMETER DEVICES, IT MUST BE LIMITED TO ONLY THAT AREA. (1 WEEK)
 3. BEGIN FENCE AND ARENA FOOTING DEMOLITION. (2 WEEKS)
 4. INSTALL NEW ARENA UNDERDRAIN SYSTEM AND STORM DRAIN OUTFALL. (4 WEEKS)
 5. INSTALL NEW ARENA FOOTING. (1 MONTH)
 6. FLUSH AND CLEAN STORM DRAIN. (1 DAY)
 7. WHEN PERMISSION HAS BEEN GRANTED BY THE SEDIMENT CONTROL INSPECTOR, AND ALL AREAS RELATING TO THE SEDIMENT CONTROL DEVICES HAVE BEEN STABILIZED, REMOVE THE SEDIMENT CONTROLS. DURING THE REMOVAL OF THE DEVICES.
- NOTE: WITH THE PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, SOME OF THE ITEMS DESCRIBED ABOVE MAY BE PERFORMED CONCURRENTLY.

SEEDING NOTES (SHEETS 14-17)

- 1) SEEDING TO OCCUR ONLY IN AREAS NOT INDICATED TO BE PAVED (EXCEPT FUTURE CONSTRUCTION), FUTURE POOL, BUILDINGS, SKINNER AREAS OR OTHER NON-SEEDABLE MATERIAL.
- 2) SEE SPECS FOR SEED MIXTURE COMPOSITION AND PLANTING INSTRUCTIONS.
- 3) SEED UP TO ALL EXISTING WOODLAND AREAS. DO NOT DISTURB WOODLAND.
- 4) DO NOT SEED EQUESTRIAN RIDING SURFACE.

"PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 33712 EXPIRATION DATE: 06-16-23 FOR REV. NO. 3 ONLY



- SEDIMENT CONTROL PLAN - CONSTRUCTION SEQUENCE**
- Construct stone construction entrance on existing 20' road.
 - Construct culvert at future main entrance road.
 - Construct stone construction entrance at new road entrance.
 - Construct sediment traps.
 - Construct detention pond for use as sediment basin.
 - Construct perimeter and diversion dikes.
 - Grade site - build and maintain interior diversion dikes to direct runoff to sediment traps and basins.
 - Stabilize disturbed areas with temporary seeding.
 - Install storm drainage facilities - do not block inlet - utilize during construction, flushing as necessary to allow operational use.
 - Remove accumulated sediment and debris from traps and basins.
 - Install curbs and gutters.
 - Pave roads and parking areas.
 - Relocate or remove diversion dikes where this will facilitate use of storm drains.
 - Stabilize disturbed areas with permanent seeding. Flush all storm inlets and storm drains. When stabilization is effective, obtain approval of HCSCD Inspector and remove diversion dikes and perimeter dikes.
 - Remove all sediment traps and grade to final contours.
 - Remove sediment from stormwater detention pond for use as permanent stormwater management facility.

HOWARD COUNTY, MD, DEPARTMENT OF PUBLIC WORKS FOR THE DEPARTMENT OF RECREATION & PARKS, 3430 COURT HOUSE DR., ELLICOTT CITY, MD. ELECTION DISTRICT NO 5 (CENSUS TRACT 6051) TAX MAP NO. 40 LIBER 881, FOLIO 482, PARCEL 113

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

APPROVED: *Howard S. C. D.* 5-17-84 DATE

"I CERTIFY THAT THE 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."

APPROVED: *Booker* 11/16/83 DATE
STRUCTURE OF ENGINEER

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THE PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT."

APPROVED: *Walter W. Lillard* 6-20-84 DATE
SIGNATURE OF DEVELOPER

REVIEWED FOR: *Howard* S.C.D. AND MEETS TECHNICAL REQUIREMENTS

APPROVED: *John M. Helz* 5-17-84 DATE
SIGNATURE



- NOTES:**
- ALL EROSION AND SEDIMENT AND EROSION CONTROL STRUCTURES AND GRADING ARE TEMPORARY EXCEPT FOR THE STORM WATER MANAGEMENT POND AND STRUCTURE.
 - THE CONTRACTOR SHOULD REFER TO THE GRADING PLANS FOR ALL FINISHED GRADES AND SPOT ELEVATIONS.
 - DRAIN TILE SYSTEM TO FEED INTO SEDIMENT TRAP #9 AND BE EXTENDED AS SHOWN ON SHT. 2 UPON REMOVAL OF TRAP.



APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 9-6-84

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
Walter W. Lillard 6-20-84 DATE
DIRECTOR

APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John F. Nunn 6-15-84 DATE
DIRECTOR

John M. Helz 6-18-84 DATE
CHIEF, BUREAU OF ENGINEERING

APPROVED: For Private Water and Private Sewerage Systems
HOWARD COUNTY HEALTH DEPARTMENT
John M. Helz 5-20-84 DATE
COUNTY HEALTH OFFICER

APPROVED: Howard County Office of Planning and Zoning
John M. Helz 9-25-84 DATE
PLANNING DIRECTOR

John M. Helz 9-25-84 DATE
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

2	PH		CRICKET FIELD	5/13/80	
3	EWM		REV. EQUESTRIAN RING	7-17-23	
REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE

EROSION AND SEDIMENT CONTROL PLAN

SCHOOLEY MILL PARK

DRAWN: SJP
CHKD.: CLR
APPD.: TRP
DATE: MARCH, 1983

Booker
Engineers, Architects, Planners
1139 Old Line Road, Suite 101, P.O. Box 6210, Ellicott City, MD 21043

PROJECT NO. W-1913
SHEET NO. 14 of 2439

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

APPROVED: *Robert J. Johnson* 5-17-84
HOWARD S.C.D. DATE

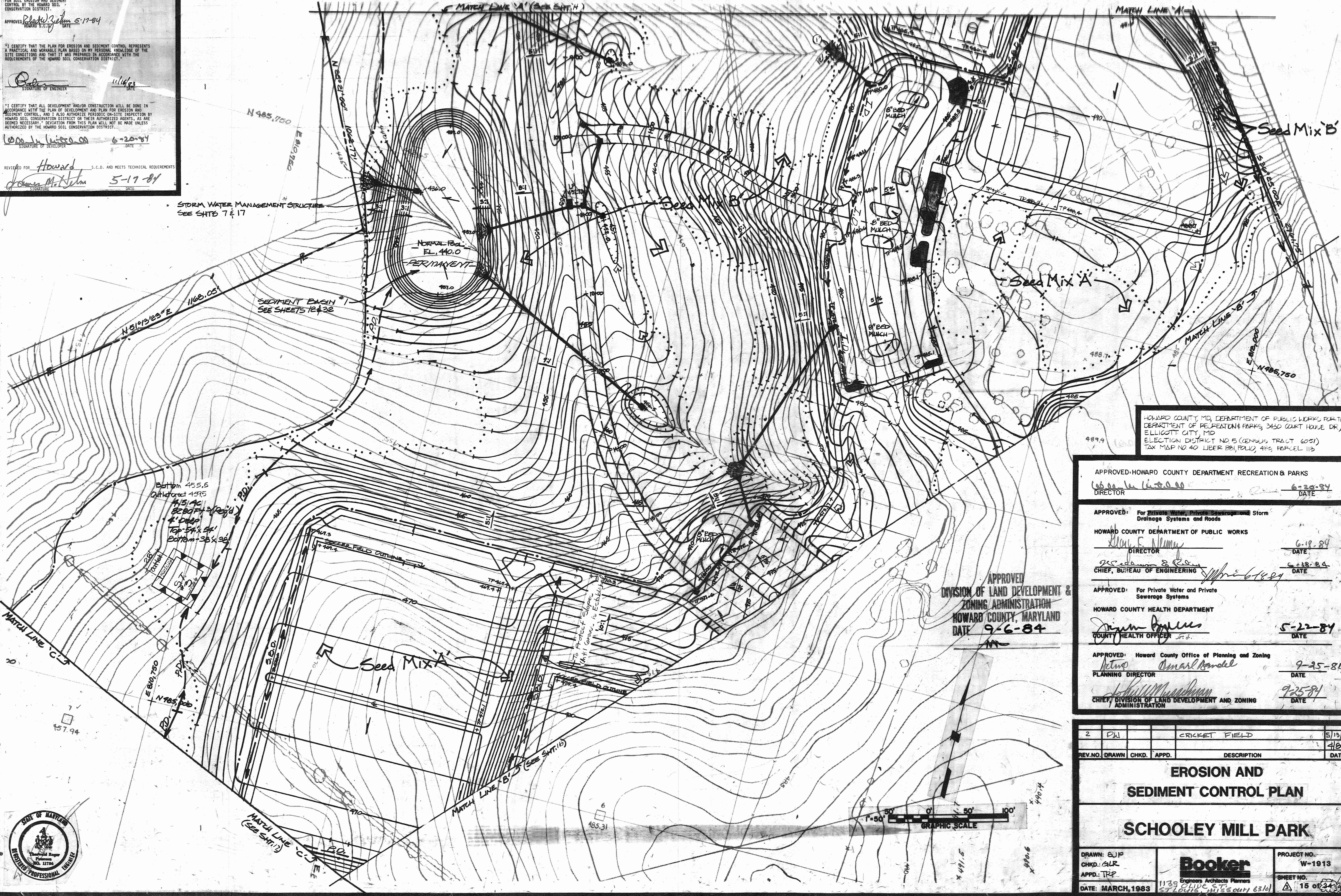
"I CERTIFY THAT THE PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

Robert J. Johnson 11/6/83
SIGNATURE OF ENGINEER DATE

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THE PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY HOWARD SOIL CONSERVATION DISTRICT ON THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT."

Robert J. Johnson 6-20-84
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR: *Howard* S.C.D. AND MEETS TECHNICAL REQUIREMENTS
James M. Johnson 5-17-84
SIGNATURE DATE



HOWARD COUNTY, MD, DEPARTMENT OF PUBLIC WORKS FOR THE DEPARTMENT OF RECREATION & PARKS, 3430 COURT HOUSE DR., ELLICOTT CITY, MD ELECTION DISTRICT NO. 5 (GENUINE TRACT 6051) TAX MAP NO. 40 LIEBER 881, FOLIO, 423, PARCEL 113

APPROVED: HOWARD COUNTY DEPARTMENT RECREATION & PARKS
Robert J. Johnson 6-20-84
DIRECTOR DATE

APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads
Robert J. Johnson 6-19-84
DIRECTOR DATE

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Robert J. Johnson 6-18-84
DIRECTOR DATE

APPROVED: For Private Water and Private Sewerage Systems
Robert J. Johnson 5-22-84
COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning
Robert J. Johnson 9-25-84
PLANNING DIRECTOR DATE

Robert J. Johnson 9-25-84
CHIEF, DIVISION OF LAND DEVELOPMENT AND Zoning ADMINISTRATION DATE

2	DN		CRICKET FIELD	5/13/20
REV. NO.	DRAWN	CHKD.	APPD.	DATE
				4/84

EROSION AND SEDIMENT CONTROL PLAN

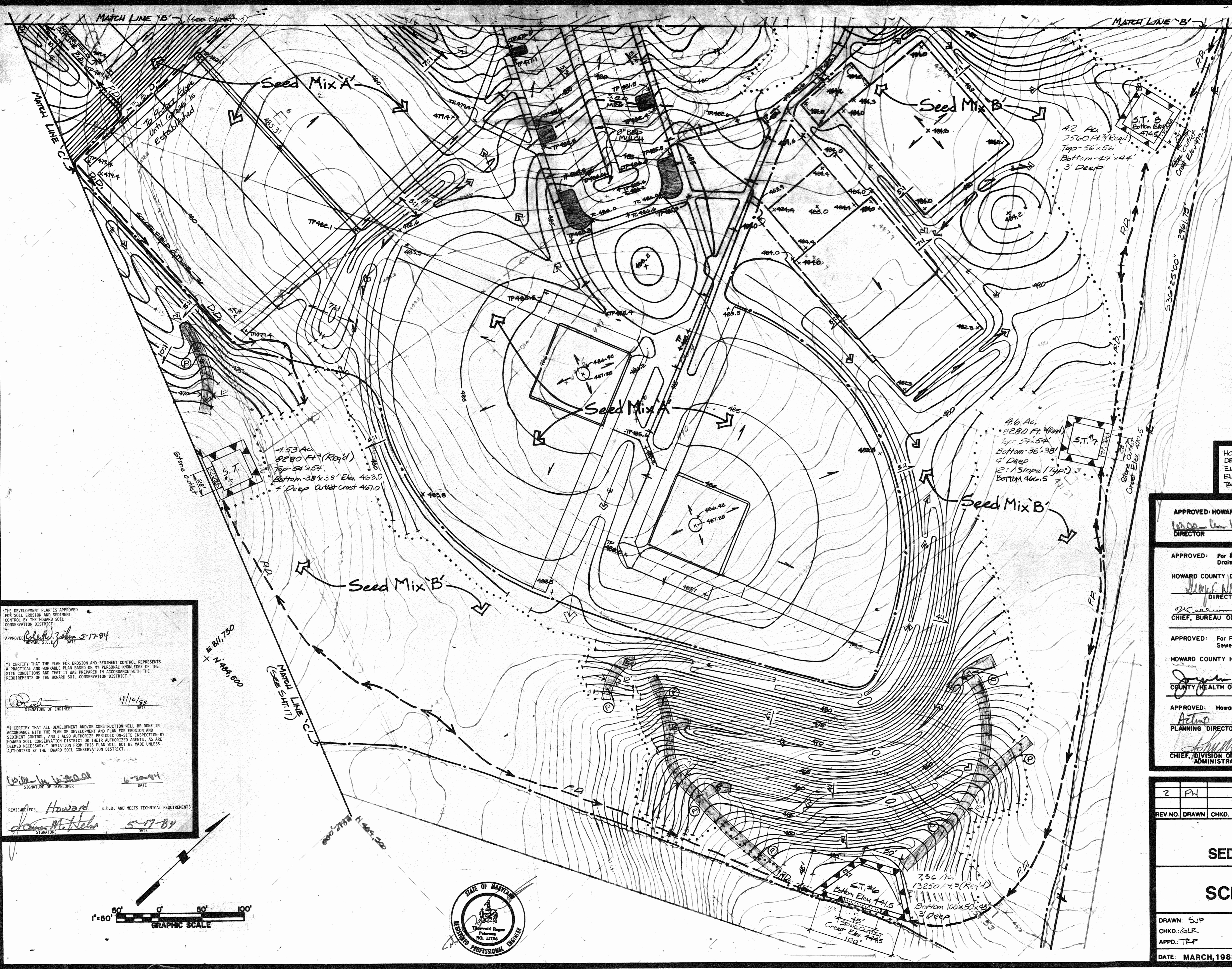
SCHOOLEY MILL PARK

DRAWN: EJP
CHKD.: ALP
APPD.: TRP
DATE: MARCH, 1983

Booker
Engineers Architects Planners
1139 OLIVE ST.
ST. LOUIS, MISSOURI 63101

PROJECT NO. W-1913
SHEET NO. 15 OF 24





APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 9-6-84
JM

HOWARD COUNTY, MD. DEPARTMENT OF PUBLIC WORKS FOR THE
 DEPARTMENT OF RECREATION & PARKS, 3430 COURT HOUSE DR.
 ELLICOTT CITY, MD.
 ELECTION DISTRICT NO. 5 (GENSLY TRACT 6051)
 TAX MAP NO. 40 LIBER 881, FOLIO, 483, PARCEL 113

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
W. W. W. W. 6-20-84
 DIRECTOR DATE

APPROVED: For Storm Water, Private Sewerage and Storm
 Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
W. W. W. W. 6-18-84
 DIRECTOR DATE

APPROVED: For Private Water and Private
 Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
J. J. J. J. 5-21-84
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning
A. A. A. A. 9-25-84
 PLANNING DIRECTOR DATE

APPROVED: *S. S. S. S.* 9-25-84
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING
 ADMINISTRATION DATE

2	PH		CRICKET FIELD	5/13/80
REV. NO.	DRAWN	CHKD.	APPD.	DATE
				4/84

**EROSION AND
 SEDIMENT CONTROL PLAN**

SCHOOLEY MILL PARK

DRAWN: SJP
 CHKD.: GLR
 APPD.: TFP
 DATE: MARCH, 1983

Booker
 Engineers, Architects, Planners
 1139 OLIVE ST.
 ST. LOUIS, MISSOURI 63101

PROJECT NO.
 W-1913

SHEET NO.
 16 OF 3439

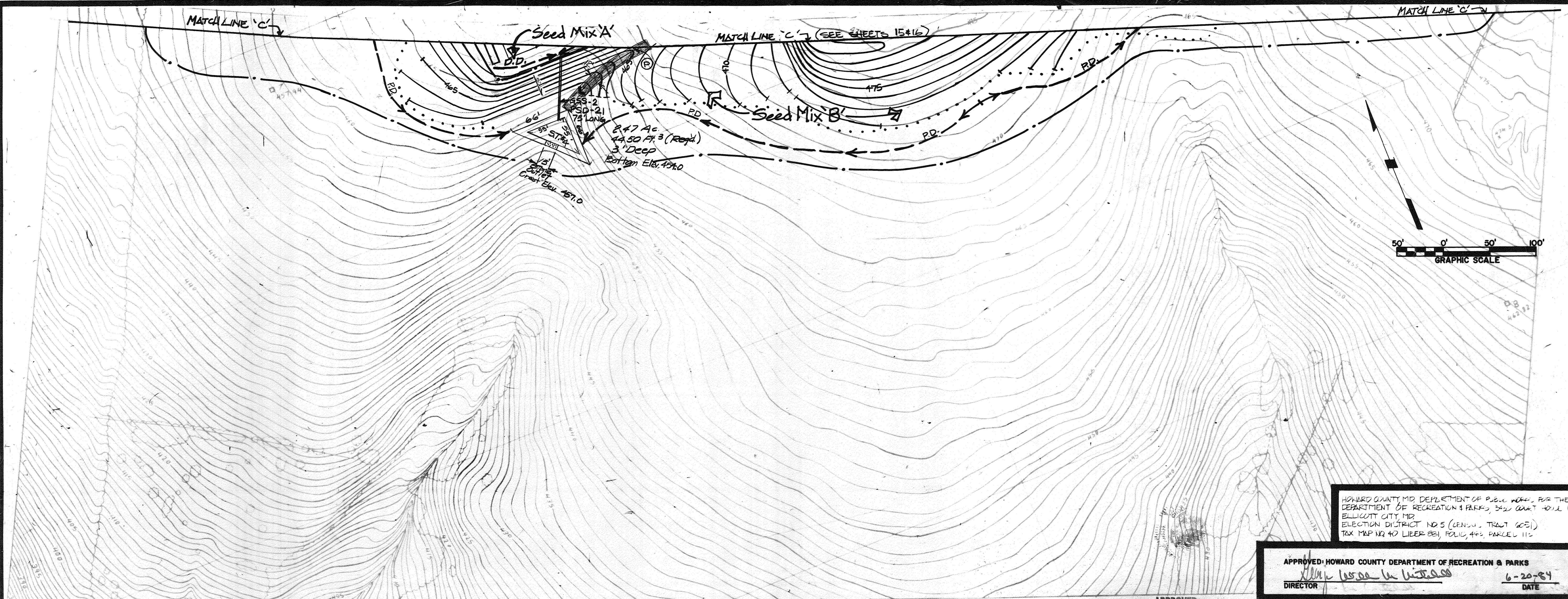
THE DEVELOPMENT PLAN IS APPROVED
 FOR SOIL EROSION AND SEDIMENT
 CONTROL BY THE HOWARD SOIL
 CONSERVATION DISTRICT.
 APPROVED: *C. C. C. C.* 5-17-84
 HOWARD S.C.D. DATE

"I CERTIFY THAT THE 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 *D. D. D. D.* 11/16/83
 DATE

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN
 ACCORDANCE WITH THE PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND
 SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY
 HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE
 DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS
 AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT."
 SIGNATURE OF DEVELOPER *W. W. W. W.* 6-20-84
 DATE

REVIEWED FOR: Howard S.C.D. AND MEETS TECHNICAL REQUIREMENTS
 SIGNATURE *J. J. J. J.* 5-17-84
 DATE





HOWARD COUNTY, MD. DEPARTMENT OF PUBLIC WORKS FOR THE DEPARTMENT OF RECREATION & PARKS, 3420 QUANT ROAD DR. ELLICOTT CITY, MD. ELECTION DISTRICT NO 5 (GEN. TRACT 605) TAX MAP NO 40 LIBER 881, POLIC. 440, PARCEL 112

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-6-84

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
DIRECTOR [Signature] DATE 6-20-84

APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR [Signature] DATE 6-18-84
CHIEF, BUREAU OF ENGINEERING [Signature] DATE 6-18-84

APPROVED: For Private Water and Private Sewerage Systems
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER [Signature] DATE 5-22-84

APPROVED: Howard County Office of Planning and Zoning
PLANNING DIRECTOR [Signature] DATE 9-25-84
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION [Signature] DATE 9-25-84

CONSTRUCTION SPECIFICATIONS FOR POND

I. SITE PREPARATION

Areas designated for borrow areas, embankment, and structural works shall be cleared, grubbed and stripped of topsoil. All trees, vegetation, roots and other objectionable material shall be removed. Channel banks and sharp breaks shall be sloped to no steeper than 1:1.

Areas to be covered by the pond or reservoir will be cleared of all trees, brush, logs, fences, rubbish and other objectionable material unless otherwise designated on the plans. Trees, brush and stumps shall be cut approximately level with the ground surface.

All cleared and grubbed material shall be disposed of outside and below the limits of the dam and reservoir as directed by the owner or his representative. When specified, a sufficient quantity of topsoil will be stockpiled in a suitable location for use on the embankment and other designated areas.

II. EARTH FILL

Material

The fill material shall be taken from approved designated borrow area or areas. It shall be free of roots, stumps, wood, rubbish, concrete, stones, frozen or other objectionable materials. The embankment shall be constructed to an elevation which provides for anticipated settlement to the design elevation. The fill height all along the length of the embankment shall be increased above the design elevation (including freeboard) as shown on the plans.

Placement

Areas on which fill is to be placed shall be scarified prior to placement of fill. Fill materials shall be placed in 8-inch maximum thickness (before compaction) layers which are to be continuous over the entire length of the fill. The most porous borrow material shall be placed in the downstream portions of the embankment.

Compaction

The movement of the hauling and spreading equipment over the fill shall be controlled so that the entire surface of each lift shall be traversed by not less than one tread track of the equipment or compaction shall be achieved by a minimum of four complete passes of a sheepfoot, rubber-tired or vibratory roller. Fill material shall contain sufficient moisture such that the required degree of compaction can be obtained with the equipment used.

Where a minimum required density is specified, each layer of fill shall be compacted as necessary to obtain that density and is to be certified by the Engineer.

Cutoff Trench

Where specified, a cutoff trench shall be excavated along or parallel to the centerline of the embankment as shown on the plans. The bottom width of the trench shall be as shown on the drawings, with the minimum width being four feet. The depth shall be at least four feet or as shown on the plans. The side slopes of the trench shall be 1 to 1 or flatter. The backfill material for the cutoff trench shall be the most impervious material available and shall be compacted with equipment or rollers to assure maximum density and minimum permeability.

III. STRUCTURAL BACKFILL

Backfill material shall be of the type and quality conforming to that specified for the adjoining fill material. The fill shall be placed in horizontal layers not to exceed four inches in thickness and compacted by hand tampers or other compaction equipment. The material needs to fill completely all spaces under and adjacent to the pipe. At no time during the backfilling operation shall driven equipment be allowed to operate closer than four feet, measured horizontally, to any part of a structure. Under no circumstances shall equipment be driven over any part of a concrete structure or pipe unless there is a compacted fill of twenty-four inches or greater over the structure or pipe.

IV. PIPE CONDUITS

All pipes shall be circular in cross section.

A. Corrugated Metal Pipe

1. Materials - (Steel Pipe) - This pipe and its appurtenances shall be galvanized and fully bituminous coated and shall conform to the requirements of ASTM Specification M-10 Type A with watertight coupling bands. Any bituminous coating damaged or otherwise removed shall be replaced with cold applied bituminous coating compound.

Steel pipes with polymeric coatings shall have a minimum coating thickness of 0.01 inch (10 mil) on both sides of the pipe. The following coatings are commercially available: Reson, Plast-Coat, Blue-Flad, and Beth-Co-Loy. Coated corrugated steel pipe shall meet the requirements of ASTM M-25 and M-26.

Materials - (Aluminum Pipe) - This pipe and its appurtenances shall conform to the requirements of ASTM Specification M-16 or M-21 with watertight coupling bands or flanges. Coupling bands, multi-seep collars, and sections, etc. must be composed of the same material as the pipe. Details must be insulated from dissimilar materials with use of rubber or plastic insulating materials at least 20 mils in thickness. Aluminum surfaces that are to be in contact with concrete shall be painted with one coat of zinc chromate primer. Hot dip galvanized light may be used for connections. The pH of the surrounding soils shall be less than 9 and greater than 4.

2. Connections - All connections with pipes must be completely watertight. The drain pipe or barrel connection to the riser shall be welded all around when the pipe and riser are metal. Watertight coupling bands or flanges shall be used at all joints. Anti-seep collars shall be connected to the pipe in such a manner as to the completely watertight. Dimple bands are not considered to be watertight.

3. Bedding - The pipe shall be firmly and uniformly bedded throughout its entire length. Where rock or loam, spongy or other unstable soil is encountered, all such material shall be removed and replaced with suitable earth compacted to provide adequate support.

4. Laying pipe - The pipe shall be placed with inside circumferential laps pointing downstream and with the longitudinal laps at the sides.

5. Backfilling shall conform to structural backfill as shown above.

6. Other details (anti-seep collars, valves, etc.) shall be as shown on the drawings.

B. Reinforced Concrete Pipe

1. Materials - Reinforced concrete pipe shall have a rubber gasket joint and shall equal or exceed ASTM Specification C-361. An approved equivalent is ANSI Specification C-201.

2. Bedding - All reinforced concrete pipe conduits shall be laid in concrete bedding for their entire length. This bedding shall consist of high slump concrete placed under the pipe and up the sides of the pipe at least 10% of its outside diameter with a minimum thickness of 3", or as shown on the drawings.

3. Laying pipe - Bell and spigot pipe shall be placed with the bell end upstream. Joints shall be made in accordance with recommendations of the manufacturer of the material. After the joints are sealed for the entire line, the bedding shall be placed so that all spaces under the pipe are filled. Care shall be exercised to prevent any deviation from the original line and grade of the pipe.

4. Backfilling shall conform to structural backfill as shown above on the drawings.

5. Other details (anti-seep collars, valves, etc.) shall be as shown on the drawings.

C. For pipes of other materials, specific specifications shall be shown on the drawings.

V. CONCRETE

1. Materials

a. Cement - Normal Portland cement shall conform to the latest ASTM Specification C-150.

b. Water - The water used in concrete shall be clean, free from oil, acid, alkali, salts, organic matter or other objectionable substances.

c. Sand - The sand used in concrete shall be clean, hard, strong and durable, and shall be well graded with 100 percent passing a one-quarter inch sieve. Limestone sand shall not be used.

d. Coarse Aggregate - The coarse aggregate shall be clean, hard, strong and durable, and free from clay or dirt. It shall be well graded with a maximum size of one and one-half (1-1/2) inches.

e. Reinforcing Steel - The reinforcing steel shall be deformed bars of intermediate grade billet steel or rail steel conforming to ASTM Specification A-615.

2. Design Mix - The concrete shall be mixed in the following proportions, measured by weight. The water-cement ratio shall be 5.7/2 to 6 U.S. Gallons of water per 90 pound bag of cement. The proportion of materials for the trial mix shall be 1:2:2.5/1.2. The combination of aggregates may be adjusted to produce a plastic and workable mix that will not produce harshness in placing or honeycombing in the structure.

3. Mixing - The concrete ingredients shall be mixed in batch mixers until the mixture is homogeneous and of uniform consistency. The mixing of each batch shall continue for not less than one and one-half minutes after all the ingredients, except the full amount of water, are in the mixer. The minimum mixing time is predicated on proper control of the speed of rotation of the mixer and of the introduction of the materials, including water, into the mixer. Water shall be added prior to, during, and following the mixer-charging operations. Excessive overmixing resulting in the addition of water to the concrete required concrete consistency shall not be permitted. Truck mixing will be allowed provided that the use of this method shall cause no violation of any applicable provisions of the specifications given here.

4. Forms - The forms shall have sufficient strength and rigidity to hold the concrete and to withstand the necessary pressure, tamping, and vibration without deflection from the prescribed lines. They shall be mortar-tight and constructed so that they can be removed without hammering or prying against the concrete.

The inside of forms shall be oiled with a non-staining mineral oil or thoroughly wetted before concrete is placed.

Forms may be removed 24 hours after the placement of concrete. All wire ties and other devices used shall be recessed from the surface of the concrete.

5. Reinforcing Steel - All reinforcing material shall be free of dirt, rust, scale, oil, paint or any other coatings. The steel shall be accurately placed and securely tied and blocked into position so that no movement of the steel will occur during placement of concrete.

6. Consolidating - Concrete shall be consolidated with internal type mechanical vibrators. Vibration shall be supplemented by spreading and hand tamping as necessary to insure smooth and dense concrete along form surfaces, in corners, and around embedded items.

7. Finishing - Defective concrete, honeycombed areas, voids left by the removal of the rods, ridges on all concrete surfaces permanently exposed to view or exposed to water on the finished structure, shall be repaired immediately after the removal of forms. All voids shall be reamed and completely filled with dry-patching mortar.

8. Protection and Curing - Exposed surfaces of concrete shall be protected from the direct rays of the sun for at least the first three (3) days. All concrete shall be kept continuously moist for at least ten (10) days after being placed. Moisture may be applied by spraying or sprinkling as necessary to prevent the concrete from drying. Concrete shall not be exposed to freezing during the curing period. Curing compounds may also be used.

9. Placing Temperature - Concrete may not be placed at temperatures below 32° F with the temperature falling, or 34° with the temperature rising.

VI. STABILIZATION

All borrow areas shall be graded to provide proper drainage and left in a slightly condition. All exposed surfaces of the embankment, spillway, spill and borrow areas, and berms shall be stabilized by seeding, liming, fertilizing and mulching (if required) in accordance with the vegetative treatment specifications or as shown on the accompanying drawings.

VII. EROSION AND SEDIMENT CONTROL

Construction operations will be carried out in such a manner that erosion will be controlled and water and silt pollution minimized. State and local laws concerning pollution abatement will be followed. Construction plans shall detail erosion and sediment control measures to be employed during the construction process.

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

APPROVED: [Signature] DATE 5-17-84
HOWARD S.C.D.

I CERTIFY THAT THE 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.

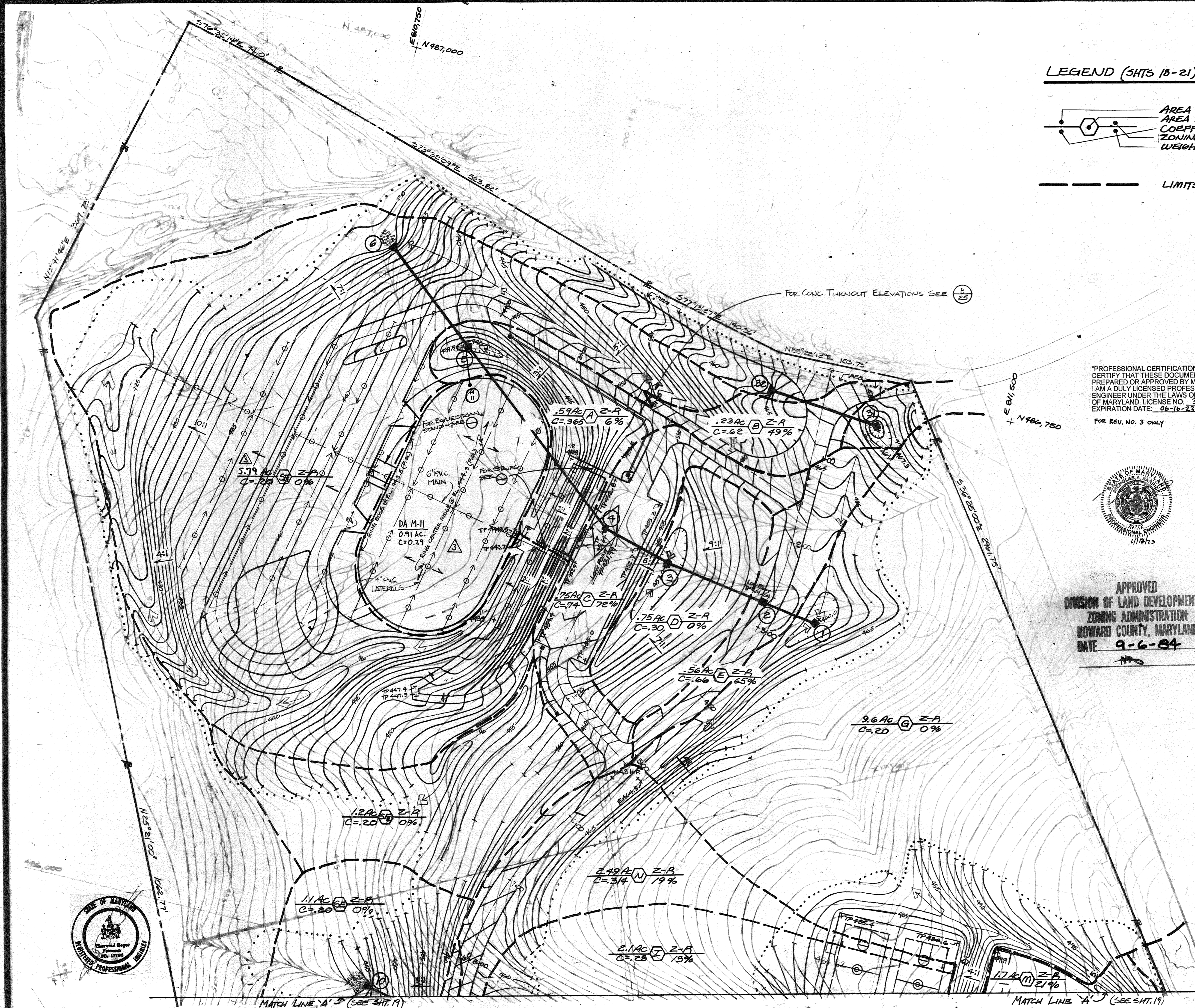
[Signature] DATE 11/16/83
SIGNATURE OF ENGINEER

I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THE PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY HOWARD SOIL CONSERVATION DISTRICT OR ITS AUTHORIZED AGENTS, AS DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.

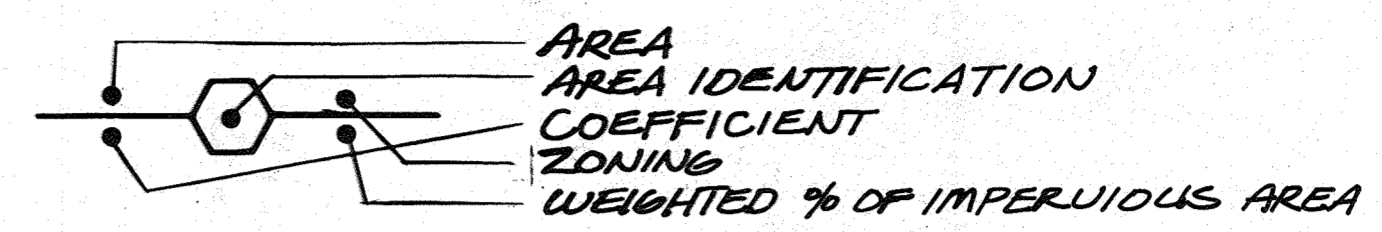
[Signature] DATE 6-20-84
SIGNATURE OF DEVELOPER

REVIEWED FOR: Howard S.C.D. AND MEETS TECHNICAL REQUIREMENTS
[Signature] DATE 5-17-84
SIGNATURE

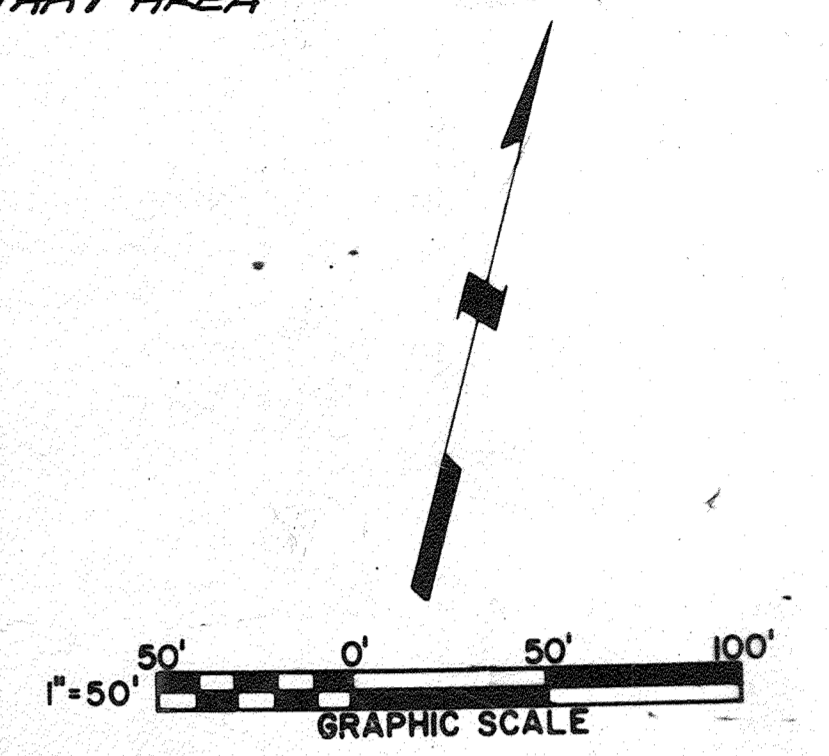
2	PW	CRICKET FIELD	5/13/80		
REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
EROSION AND SEDIMENT CONTROL PLAN					
SCHOOLEY MILL PARK					
DRAWN: SFP	CHKD.: GLR	APPD.: TRP	PROJECT NO. W-1913	SHEET NO. 4109	
DATE: MARCH, 1983	Booker Engineers Architects Planners 1139 OLIVE ST. ST. LOUIS, MISSOURI 63101			PROJECT NO. W-1913 SHEET NO. 4109	
SDP-85-36					



LEGEND (SHTS 18-21)



--- LIMITS OF TRIBUTARY AREA



*PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 33772, EXPIRATION DATE: 06-16-23

FOR REV. NO. 3 ONLY



HOWARD COUNTY, MD, DEPARTMENT OF PUBLIC WORKS FOR THE DEPARTMENT OF RECREATION & PARKS, 23RD COURT HOUSE DR., ELLICOTT CITY, MD, ELECTION DISTRICT NO. 5 (CENSUS TRACT 6051), TAX MAP NO. 40, LIBER 981, FOLIO 183, PARCEL 113

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE **9-6-84**

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS <i>Walter W. Littlewood</i> DIRECTOR	6-20-84 DATE
APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS <i>Shirley N. Nunn</i> DIRECTOR	6-19-84 DATE
<i>William S. Ryan</i> CHIEF, BUREAU OF ENGINEERING	6-18-84 DATE
APPROVED: For Private Water and Private Sewerage Systems HOWARD COUNTY HEALTH DEPARTMENT <i>Joyce M. Boyd MD</i> COUNTY HEALTH OFFICER	5-22-84 DATE
APPROVED: Howard County Office of Planning and Zoning <i>John A. Powell</i> PLANNING DIRECTOR	9-25-84 DATE
<i>John W. Manschman</i> CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION	9-25-84 DATE

2	PW		CRICKET FIELD	5/13/20	
3	EWM		REV. EQUESTRIAN RING	4-17-23	
REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE

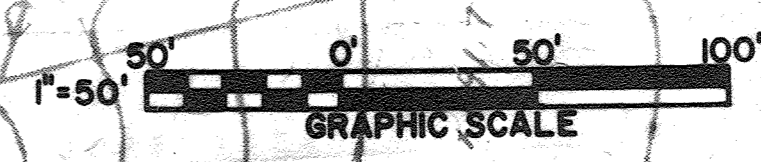
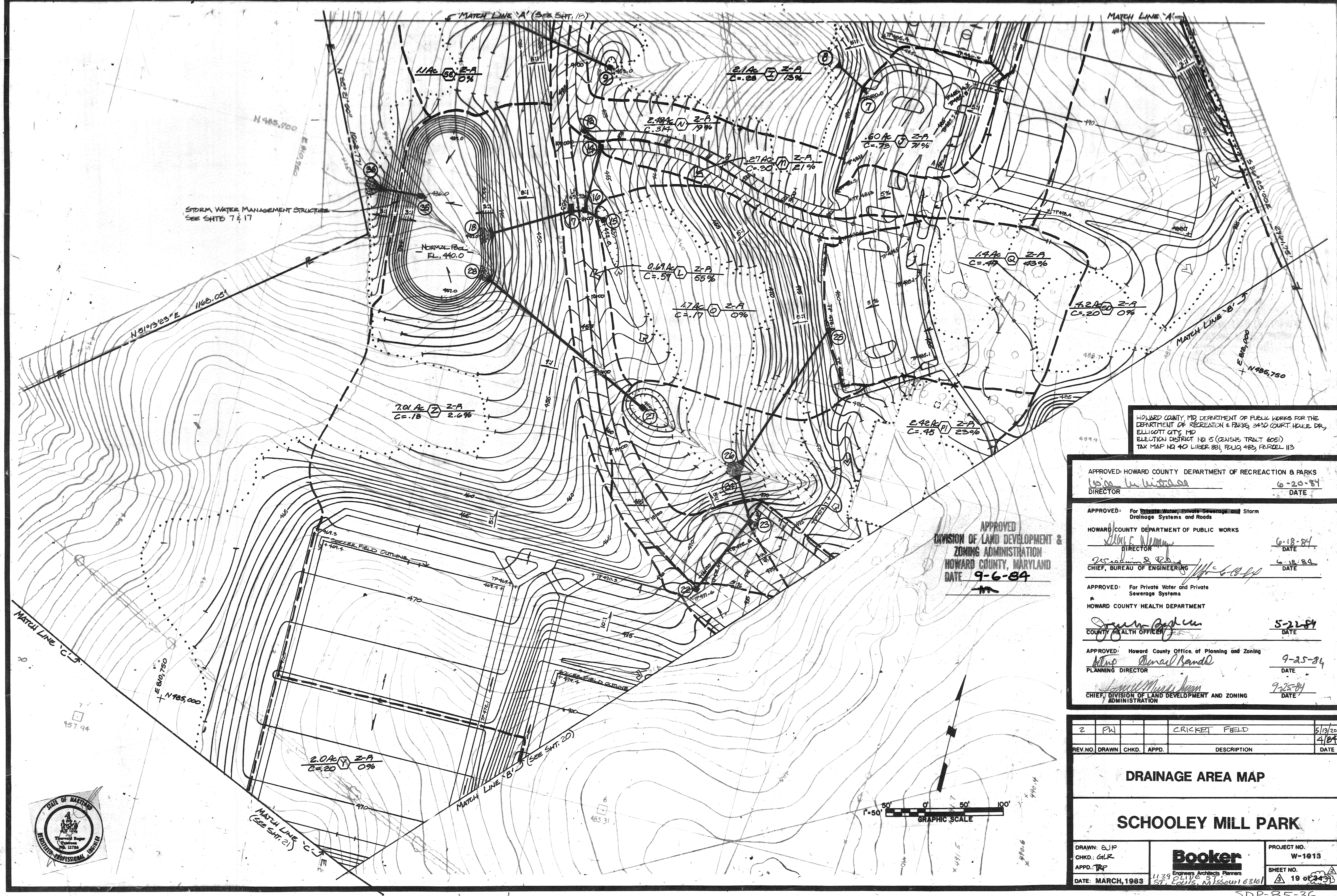
DRAINAGE AREA MAP

SCHOOLEY MILL PARK

DRAWN: SWP
CHKD: GLR
APPD.: TRF
DATE: MARCH, 1983



PROJECT NO. W-1913
SHEET NO. 18 OF 23



HOWARD COUNTY, MD DEPARTMENT OF PUBLIC WORKS FOR THE
DEPARTMENT OF RECREATION & PARKS, 3430 COURT HOUSE DR.,
ELLICOTT CITY, MD
ELECTION DISTRICT NR 5 (GENSH TRACT 605)
TAX MAP NR 40 LIBER 881, FOLIO 483, PARCEL 113

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS <i>W. W. W. W.</i> DIRECTOR	6-20-84 DATE
APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS <i>W. W. W. W.</i> DIRECTOR	6-18-84 DATE
<i>W. W. W. W.</i> CHIEF, BUREAU OF ENGINEERING	6-18-84 DATE
APPROVED: For Private Water and Private Sewerage Systems HOWARD COUNTY HEALTH DEPARTMENT <i>W. W. W. W.</i> COUNTY HEALTH OFFICER	5-22-84 DATE
APPROVED: Howard County Office of Planning and Zoning <i>W. W. W. W.</i> PLANNING DIRECTOR	9-25-84 DATE
<i>W. W. W. W.</i> CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION	9-25-84 DATE

2	PW			CRICKET FIELD	5/19/20
REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE

DRAINAGE AREA MAP

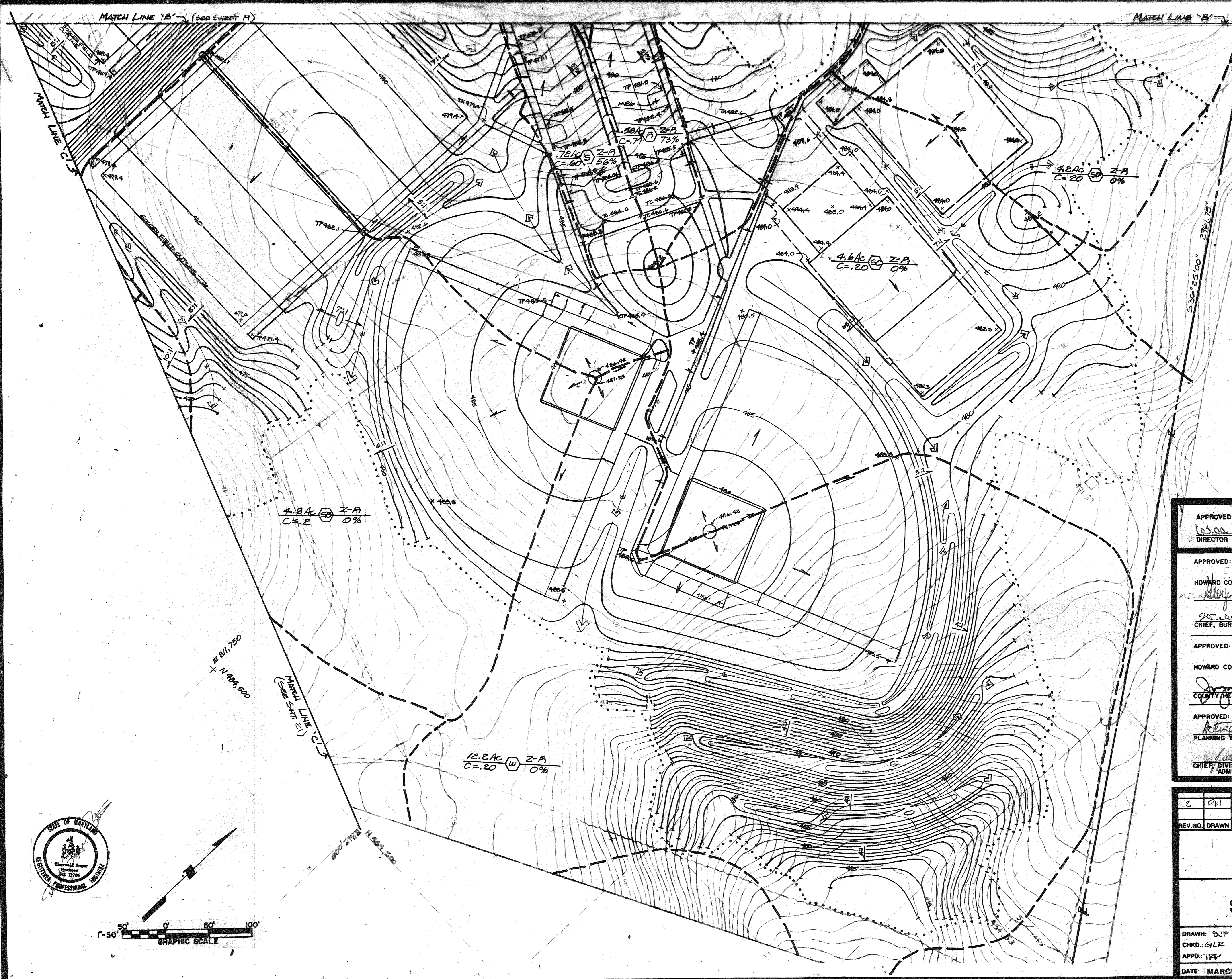
SCHOOLEY MILL PARK

DRAWN: GJP
CHKD: GLR
APPD: TRP
DATE: MARCH, 1983

Booker
Engineers Architects Planners
1139 OLIVE ST.
ST. LOUIS, MISSOURI 63101

PROJECT NO.
W-1913
SHEET NO.
19 of 24

SDP-85-36



APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 9-6-84
 JMS

HOWARD COUNTY MD, DEPARTMENT OF PUBLIC WORKS FOR THE
 DEPARTMENT OF RECREATION & PARKS, 3430 COURT HOUSE DR,
 ELLICOTT CITY, MD
 ELECTION DISTRICT NO. 5 (GENEAK TRACT 6051)
 TAX MAP NO. 40 LIBER 881, FOLIO 483, PARCEL 113

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
10500 6/18/84
 DIRECTOR DATE

APPROVED: For Private Water, Private Sewerage and Storm
 Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 6-18-84
 DIRECTOR DATE

[Signature] 6-18-84
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: For Private Water and Private
 Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 5-22-84
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning
[Signature] 9-25-84
 PLANNING DIRECTOR DATE

[Signature] 9-25-84
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING
 ADMINISTRATION DATE

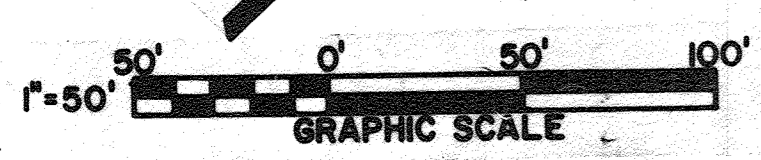
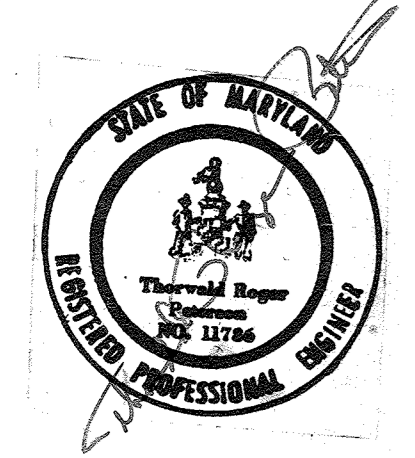
2	PN	CRICKET FIELD	5/13/20
REV. NO.	DRAWN	CHKD.	APPD.
			DESCRIPTION
			DATE

DRAINAGE AREA MAP
SCHOOLEY MILL PARK

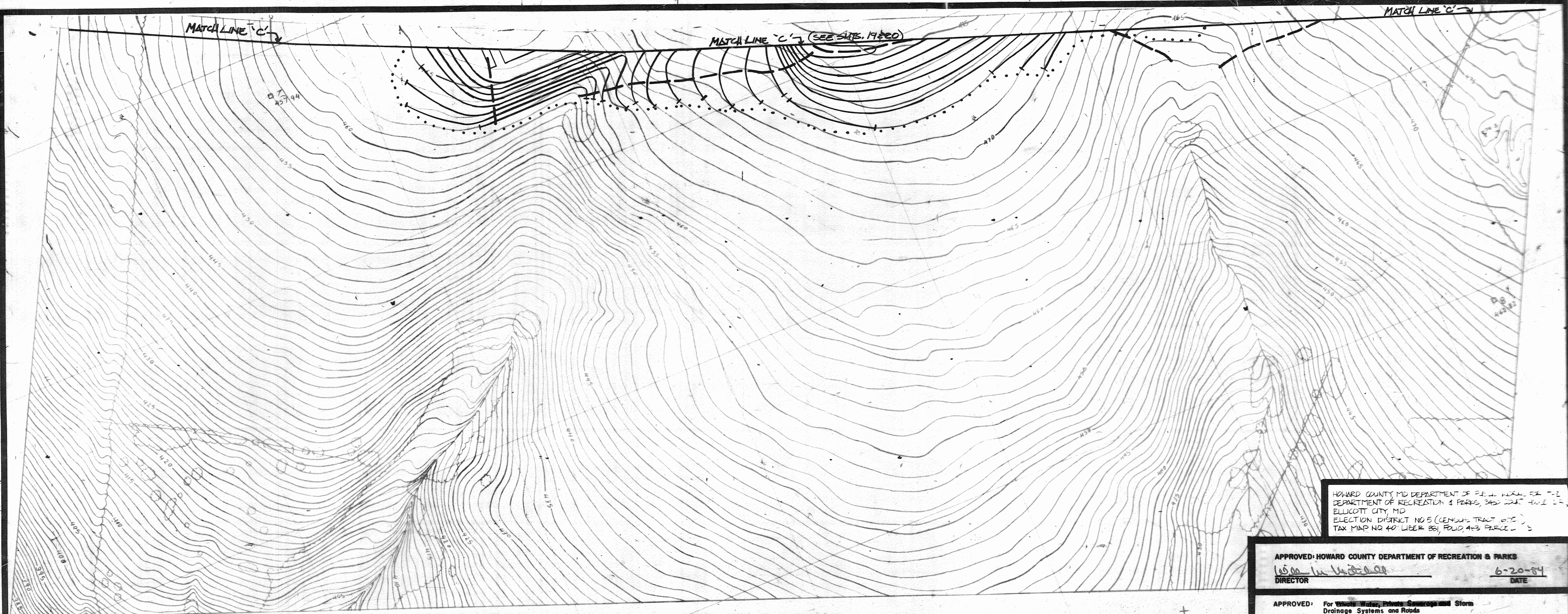
DRAWN: SJP
 CHKD.: GLR
 APPD.: TRP
 DATE: MARCH, 1983

Booker
 Engineers, Architects, Planners
 1135 OLIVE MOUNTAIN ROAD
 ST. LOUIS, MISSOURI 63101

PROJECT NO. W-1913
 SHEET NO. 20 of 23



1921



MATCH LINE 'C'

MATCH LINE 'C' (SEE SHEET 1920)

MATCH LINE 'C'

HOWARD COUNTY MD DEPARTMENT OF PUBLIC WORKS
 DEPARTMENT OF RECREATION & PARKS, 340 WEST WASHINGTON
 ELLICOTT CITY, MD
 ELECTION DISTRICT NO 5 (CENSUS TRACT 07)
 TAX MAP NO 40 LIBER 851 FOLIO 423 PARCEL 13

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
W. W. W. W.
 DIRECTOR 6-20-84
 DATE

APPROVED: For Sewer, Water, Private Sewerage and Storm
 Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR *John F. Nimmer* 6-18-84
 DATE
 CHIEF, BUREAU OF ENGINEERING *William E. R...* 6-18-84
 DATE

APPROVED: For Private Water and Private
 Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER *George W. R...* 5-22-84
 DATE

APPROVED: Howard County Office of Planning and Zoning
 PLANNING DIRECTOR *Richard Donald B...* 9-25-84
 DATE
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING
 ADMINISTRATION *John W. M...* 9-25-84
 DATE

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 9-6-84
AA

REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
2	PK			CRICKET FIELD	5/13/84

DRAINAGE AREA MAP

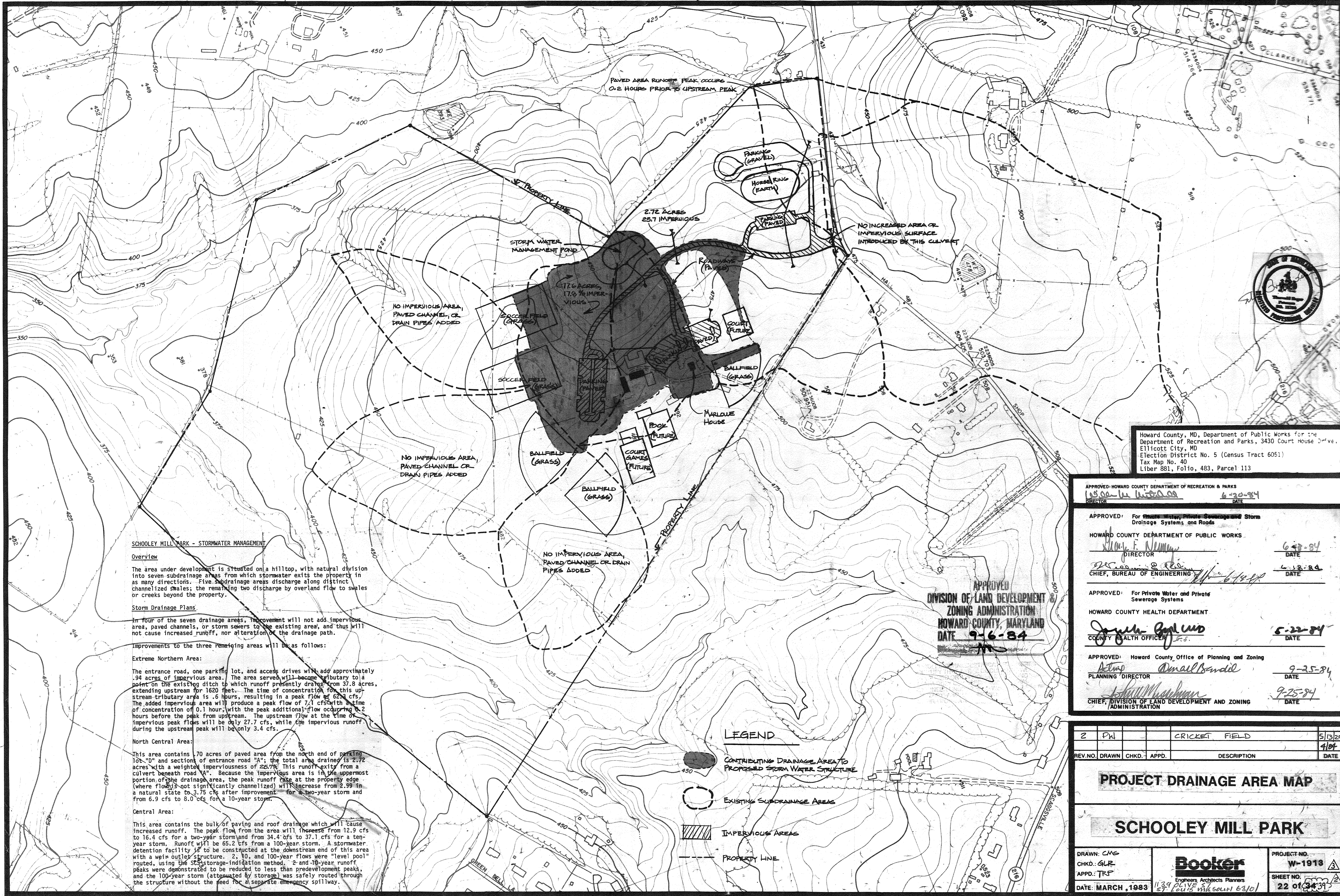
SCHOOLEY MILL PARK

DRAWN: SSP
 CHKD.: GLR
 APPD.: TRP
 DATE: MARCH, 1983

Booker
 Engineers, Architects, Planners
 1139
 ST. LOUIS, MISSOURI 63101

PROJECT NO.
 W-1913
 SHEET NO.
 21 of 34





SCHOOLEY MILL PARK - STORMWATER MANAGEMENT

Overview

The area under development is situated on a hilltop, with natural division into seven subdrainage areas from which stormwater exits the property in as many directions. Five subdrainage areas discharge along distinct channelized swales; the remaining two discharge by overland flow to swales or creeks beyond the property.

Storm Drainage Plans

In four of the seven drainage areas, improvement will not add impervious area, paved channels, or storm sewers to the existing area, and thus will not cause increased runoff, nor alteration of the drainage path.

Improvements to the three remaining areas will be as follows:

Extreme Northern Area:

The entrance road, one parking lot, and access drives will add approximately 94 acres of impervious area. The area served will become tributary to a point on the existing ditch to which runoff presently drains from 37.8 acres, extending upstream for 1620 feet. The time of concentration for this upstream-tributary area is .6 hours, resulting in a peak flow of 62.3 cfs. The added impervious area will produce a peak flow of 7.1 cfs with a time of concentration of 0.1 hour, with the peak additional flow occurring 0.2 hours before the peak from upstream. The upstream flow at the time of impervious peak flows will be only 27.7 cfs, while the impervious runoff during the upstream peak will be only 3.4 cfs.

North Central Area:

This area contains 1.70 acres of paved area from the north end of parking lot "D" and sections of entrance road "A"; the total area drained is 2.72 acres with a weighted imperviousness of 25.7%. This runoff exits from a culvert beneath road "A". Because the impervious area is in the uppermost portion of the drainage area, the peak runoff rate at the property edge (where flow is not significantly channelized) will increase from 2.99 in a natural state to 3.75 cfs after improvement for a two-year storm and from 6.9 cfs to 8.0 cfs for a 10-year storm.

Central Area:

This area contains the bulk of paving and roof drainage which will cause increased runoff. The peak flow from the area will increase from 12.9 cfs to 16.4 cfs for a two-year storm and from 34.4 cfs to 37.1 cfs for a ten-year storm. Runoff will be 65.2 cfs from a 100-year storm. A stormwater detention facility is to be constructed at the downstream end of this area with a weir outlet structure. 2, 10, and 100-year flows were "level pool" routed, using the SCS storage-indication method. 2- and 10-year runoff peaks were demonstrated to be reduced to less than predevelopment peaks, and the 100-year storm (attenuated by storage) was safely routed through the structure without the need for a separate emergency spillway.

PAVED AREA RUNOFF PEAK OCCURS 0.2 HOURS PRIOR TO UPSTREAM PEAK

STORM WATER MANAGEMENT POND

2.72 ACRES 25.7% IMPERVIOUS

NO IMPERVIOUS AREA, PAVED CHANNEL OR DRAIN PIPES ADDED

SOCCER FIELD (GRASS)

SOCCER FIELD (GRASS)

NO IMPERVIOUS AREA, PAVED CHANNEL OR DRAIN PIPES ADDED

BALLFIELD (GRASS)

BALLFIELD (GRASS)

NO IMPERVIOUS AREA, PAVED CHANNEL OR DRAIN PIPES ADDED

PARKING (GRAVEL)

HORSE RING (EARTH)

PARKING (PAVED)

NO INCREASED AREA OR IMPERVIOUS SURFACE INTRODUCED BY THIS CULVERT

ROADWAYS (PAVED)

COURT (FUTURE)

PARKING (PAVED)

POOL (FUTURE)

COURT (FUTURE)

COURT (FUTURE)

BALLFIELD (GRASS)

BALLFIELD (GRASS)

POOL (FUTURE)

COURT (FUTURE)

BALLFIELD (GRASS)

BALLFIELD (GRASS)

POOL (FUTURE)

COURT (FUTURE)

BALLFIELD (GRASS)

BALLFIELD (GRASS)

POOL (FUTURE)

COURT (FUTURE)

BALLFIELD (GRASS)

BALLFIELD (GRASS)

POOL (FUTURE)

COURT (FUTURE)



Howard County, MD, Department of Public Works for the Department of Recreation and Parks, 3430 Court House Drive, Ellicott City, MD, Election District No. 5 (Census Tract 6051) Tax Map No. 40 Liber 881, Folio, 483, Parcel 113

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-6-84

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS 14500-14-110000 DIRECTOR DATE 6-20-84
APPROVED: For Storm Water, Private Sewerage and Storm Drainage Systems and Roads HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS W. F. NEMM DIRECTOR DATE 6-18-84
APPROVED: For Private Water and Private Sewerage Systems HOWARD COUNTY HEALTH DEPARTMENT Joseph Paul Leo COUNTY HEALTH OFFICER DATE 5-22-84
APPROVED: Howard County Office of Planning and Zoning PLANNING DIRECTOR Small Bandle DATE 9-25-84
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE 9-25-84

LEGEND

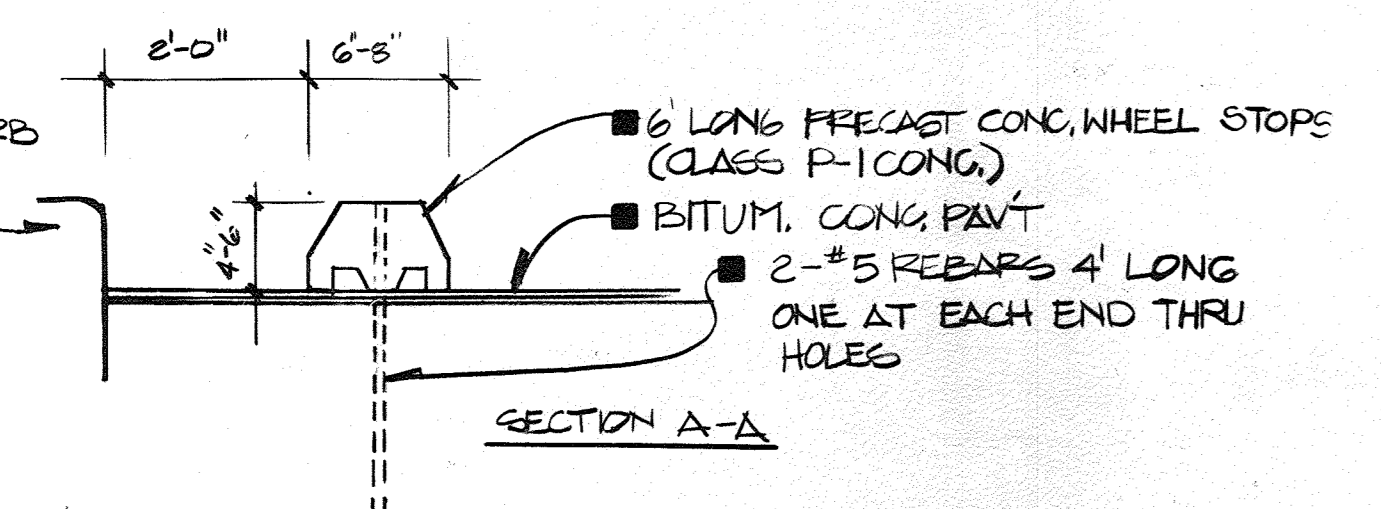
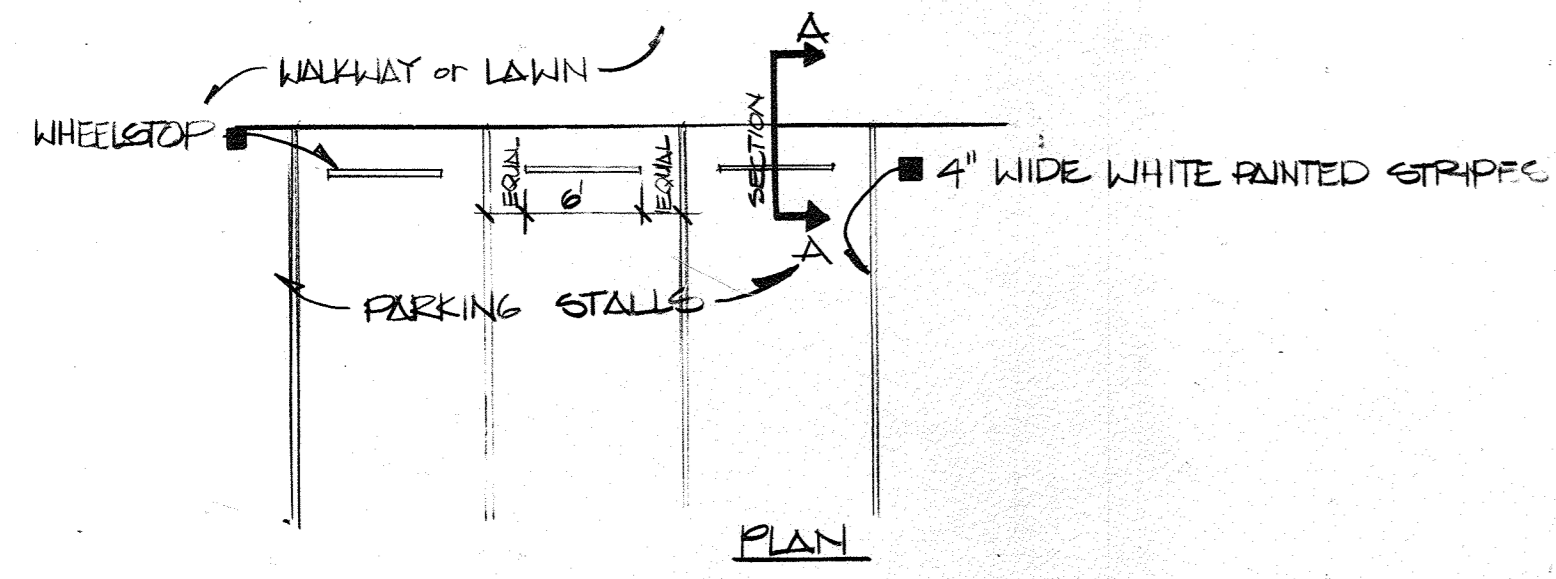
- CONTRIBUTING DRAINAGE AREA TO PROPOSED STORM WATER STRUCTURE
- EXISTING SUBDRAINAGE AREAS
- IMPERVIOUS AREAS
- PROPERTY LINE

2	DW		CRICKET FIELD	5/13/80
REV. NO.	DRAWN	CHKD.	APPD.	DATE

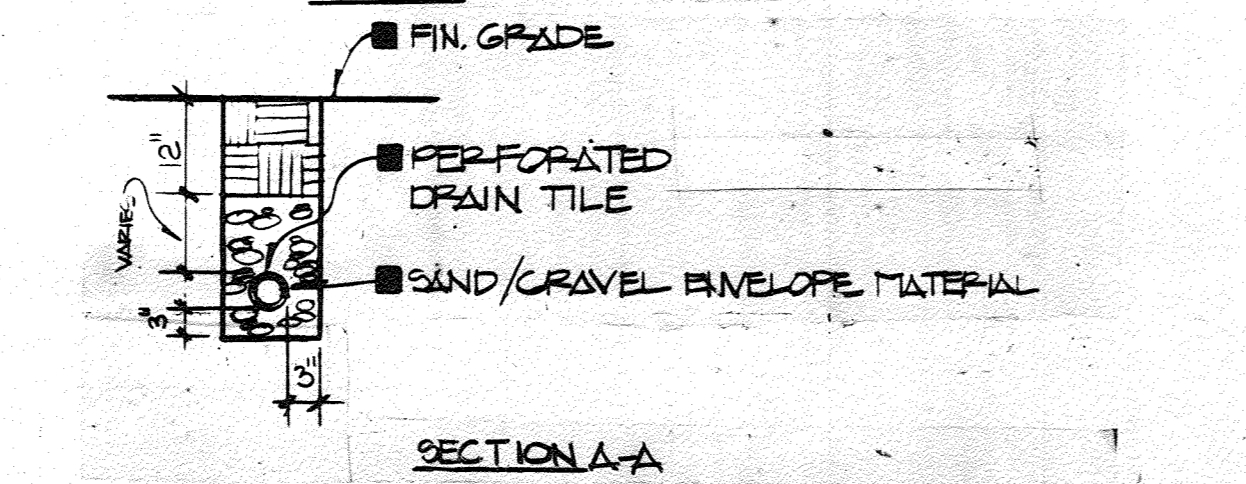
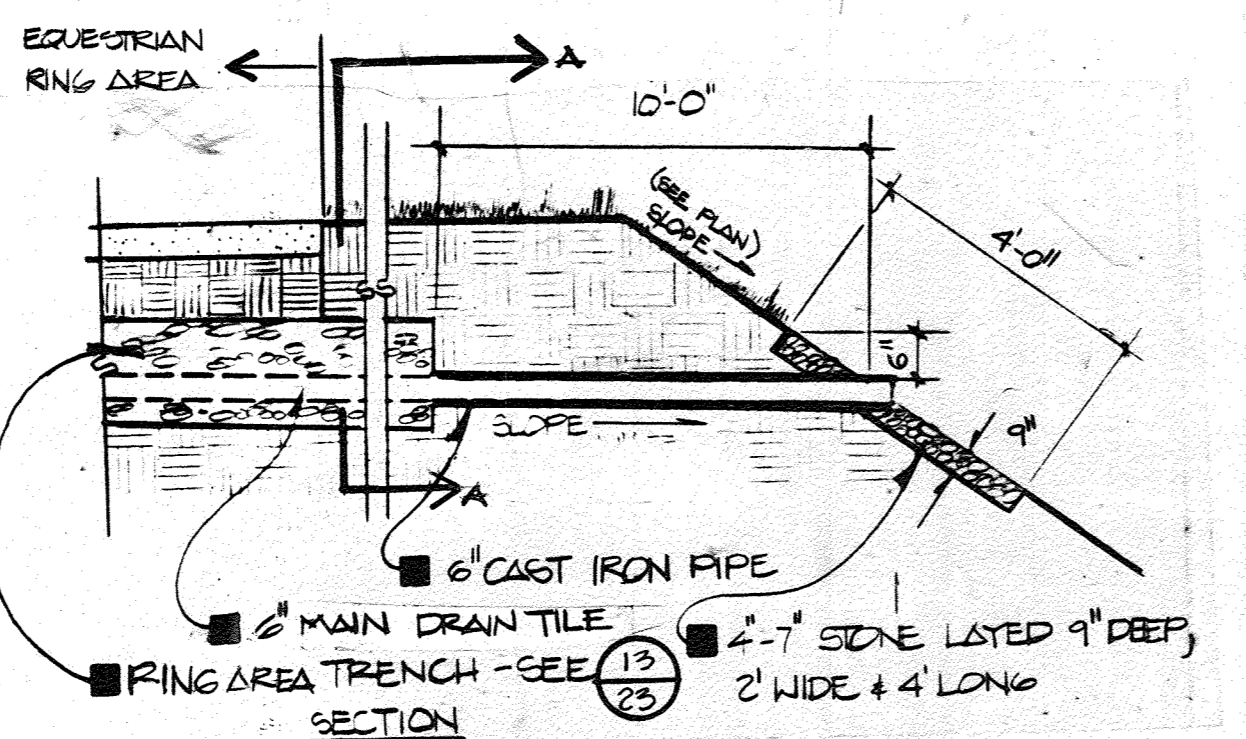
PROJECT DRAINAGE AREA MAP

SCHOOLEY MILL PARK

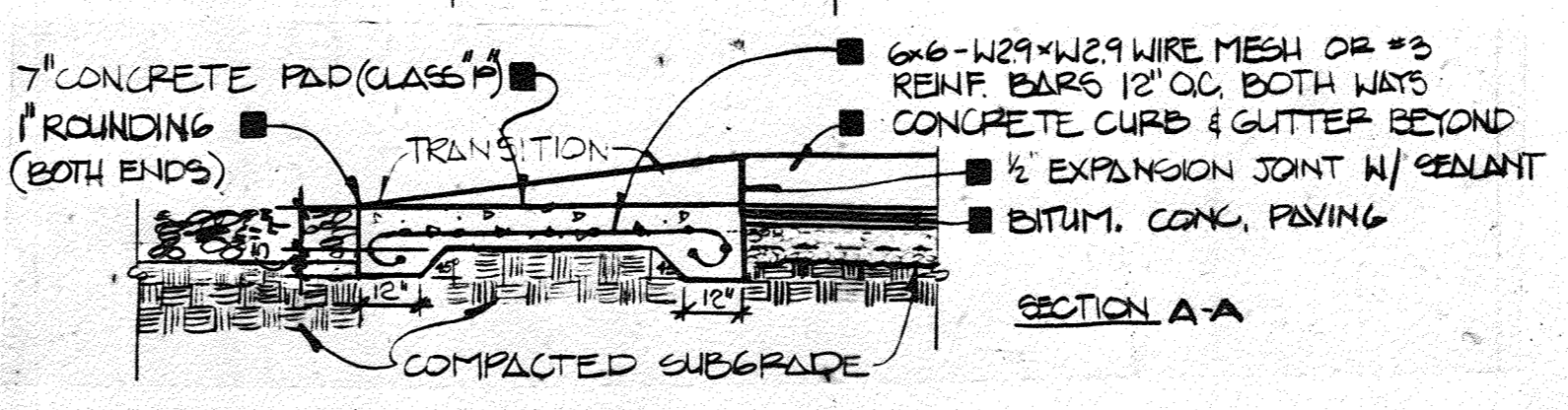
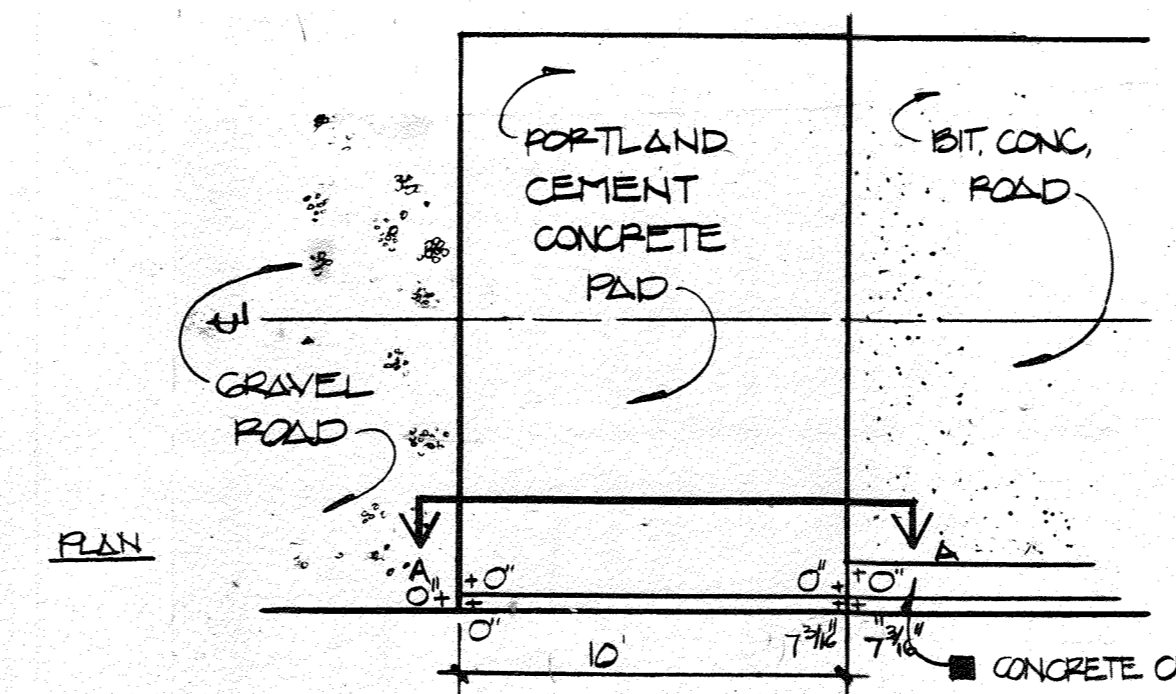
DRAWN: CMS		PROJECT NO. W-1913
CHKD: GLR		SHEET NO. 22 of 34
APPD: TRP		DATE: MARCH, 1983



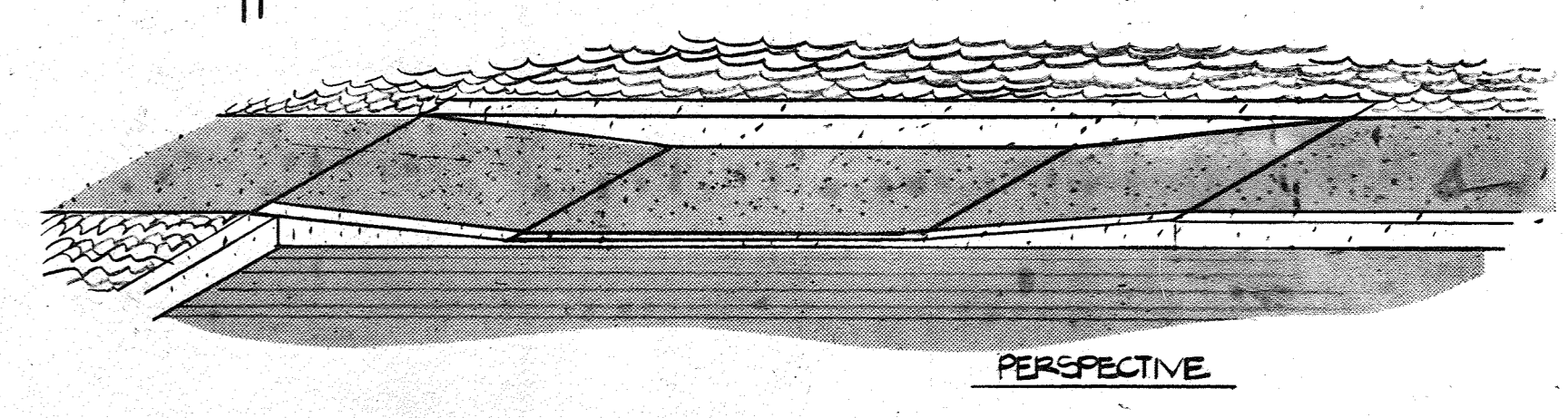
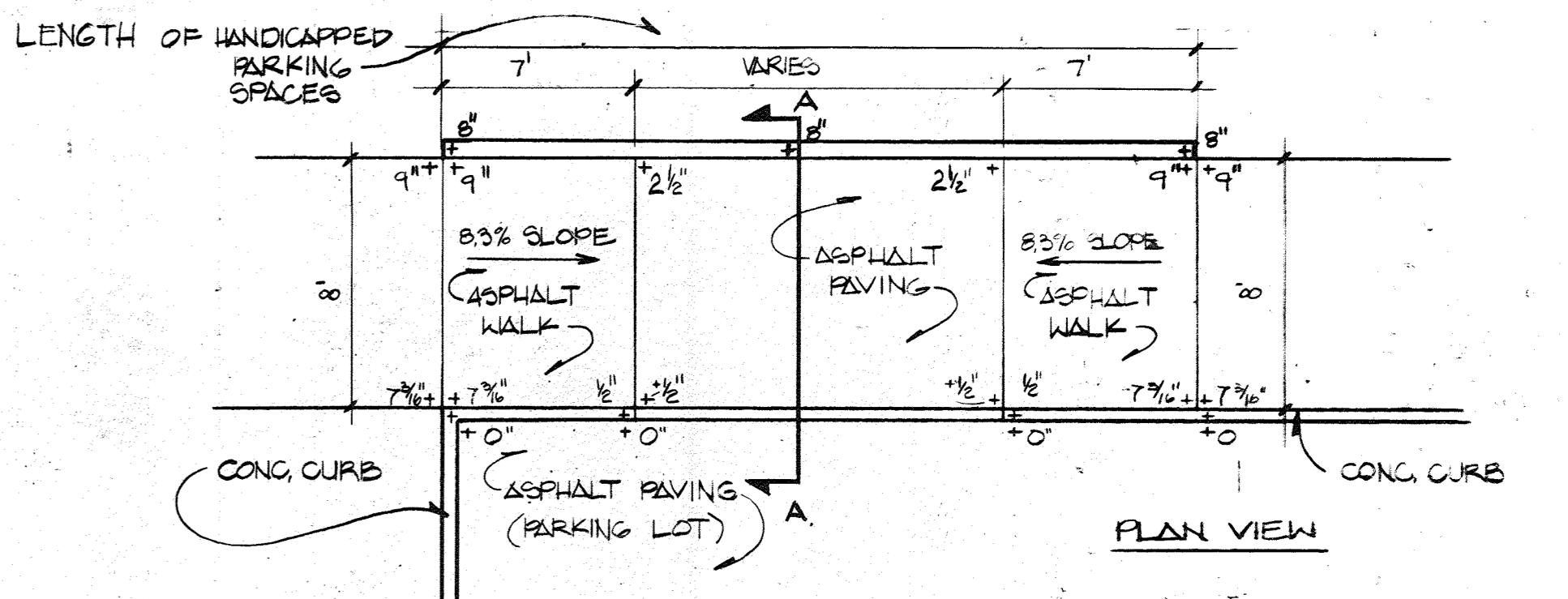
1 CONCRETE WHEELSTOP & STRIPING
23 NO SCALE



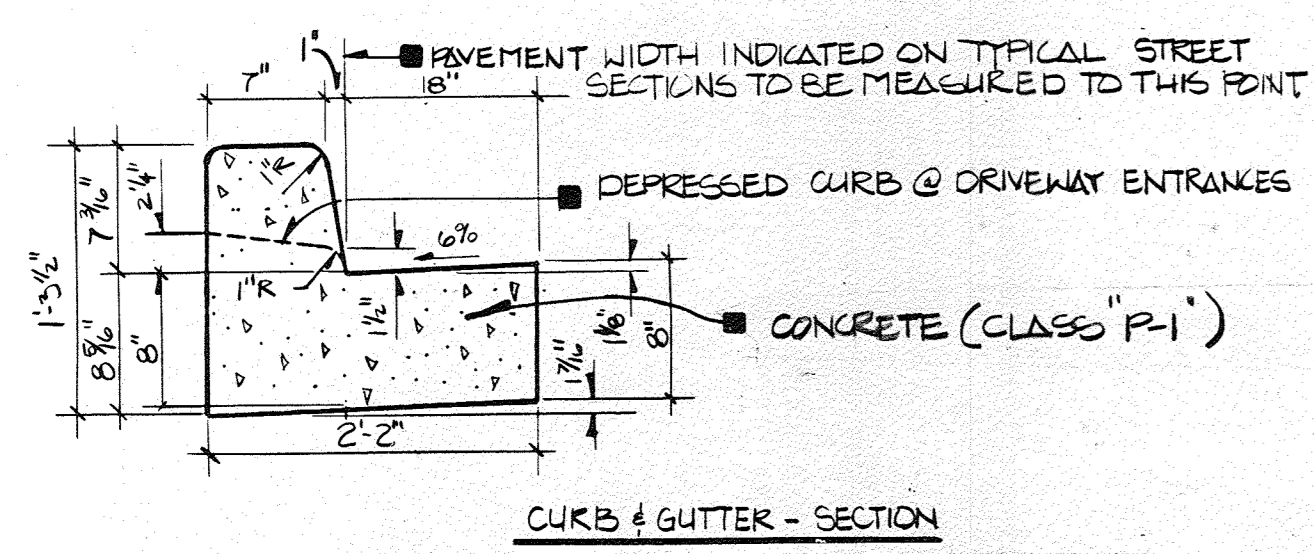
2 DRAIN TILE END SECTION
23 NO SCALE



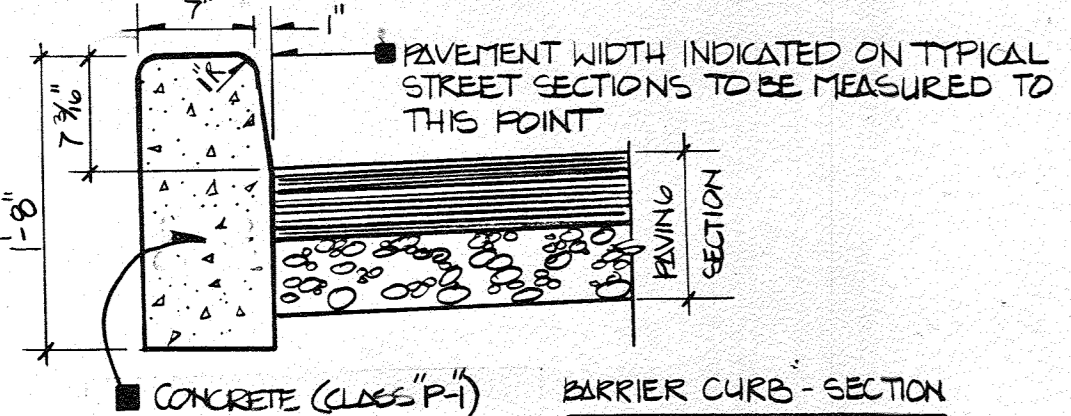
3 CONCRETE PAD
23 NO SCALE ROADWAY 1/2" Sta. 2+00-2+24.8



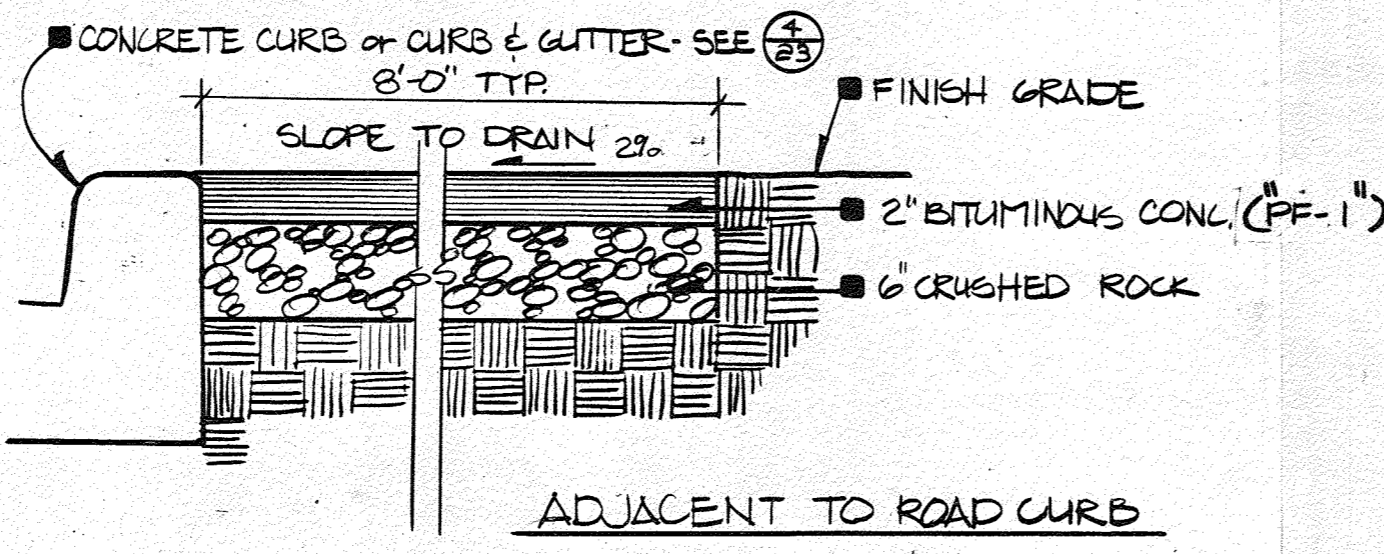
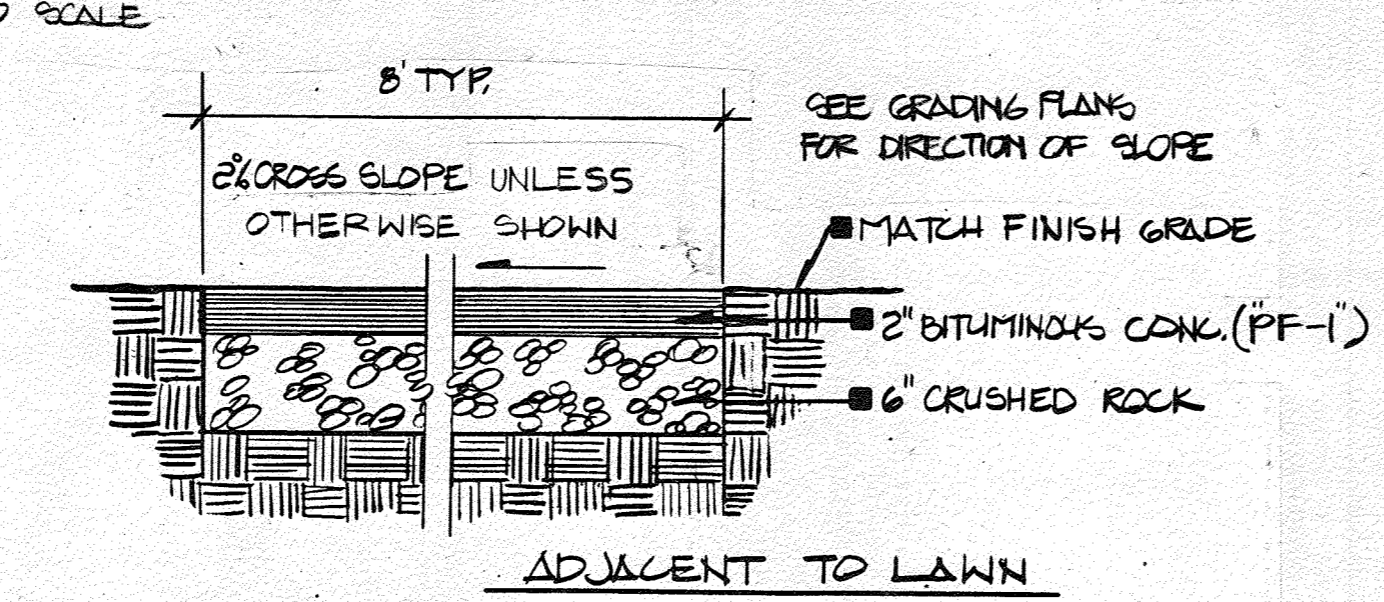
7 HANDICAPPED RAMP
23 NO SCALE



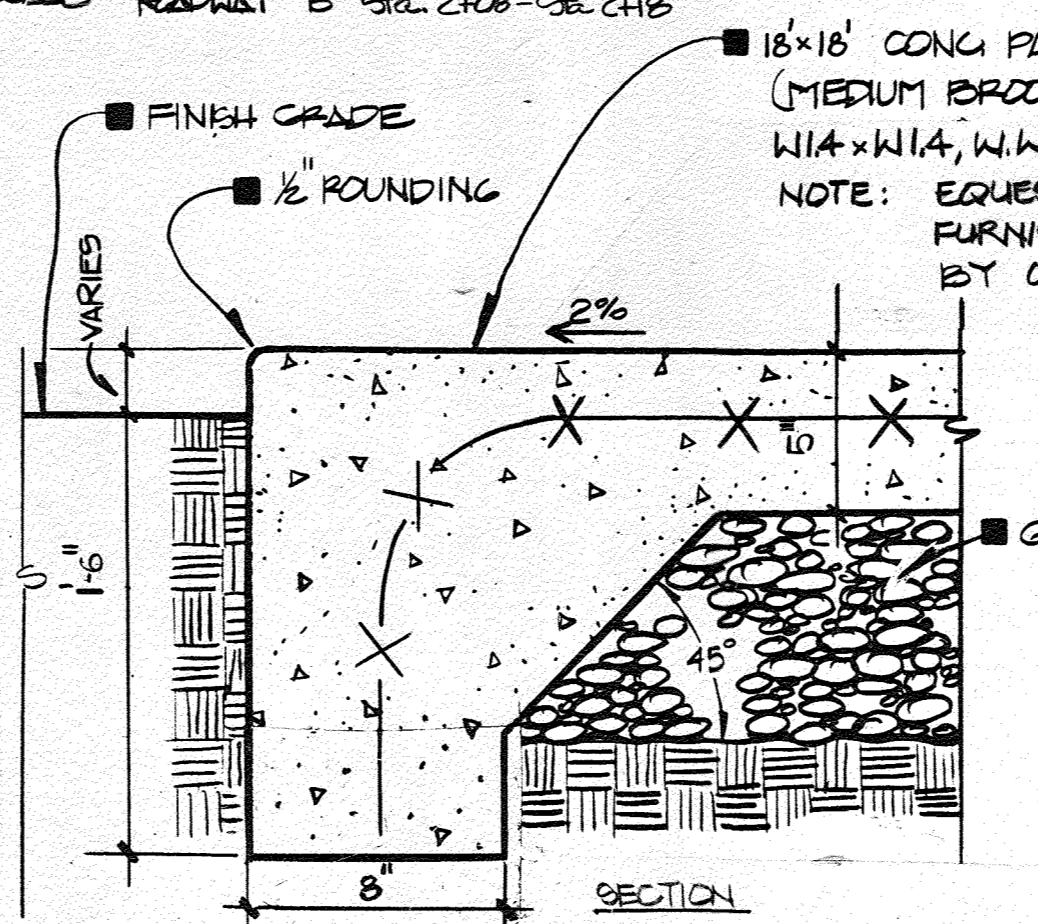
NOTE: SEE 10/23



4 CURBS
23 NO SCALE



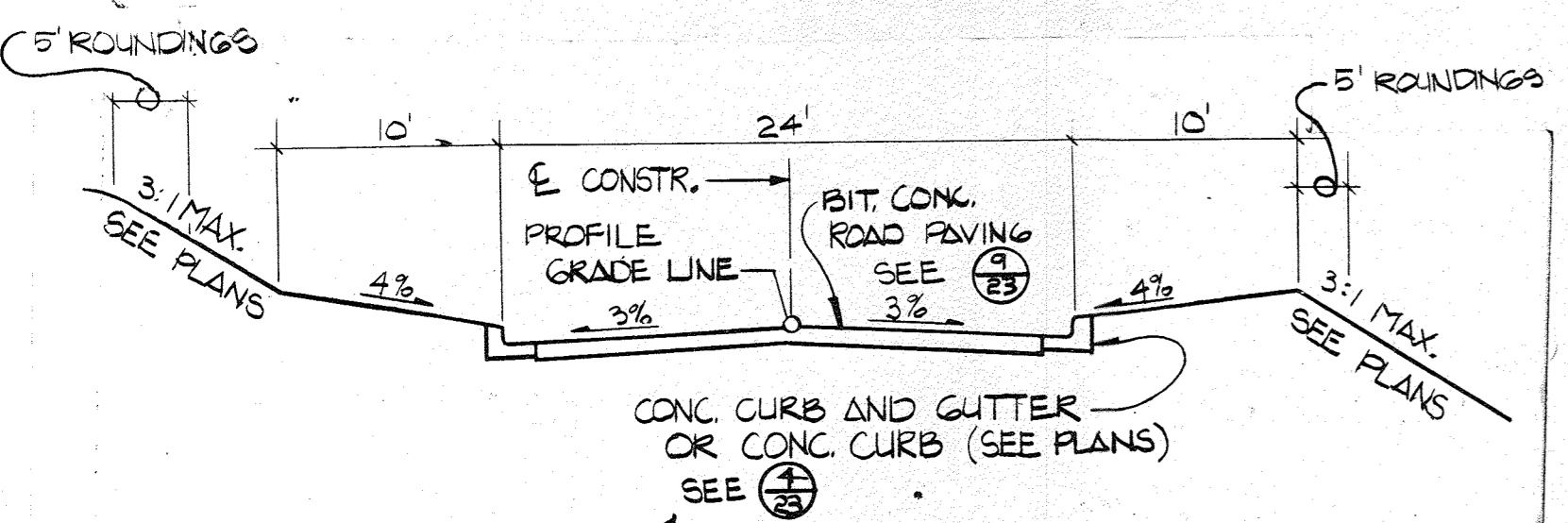
5 WALKWAY
23 NO SCALE



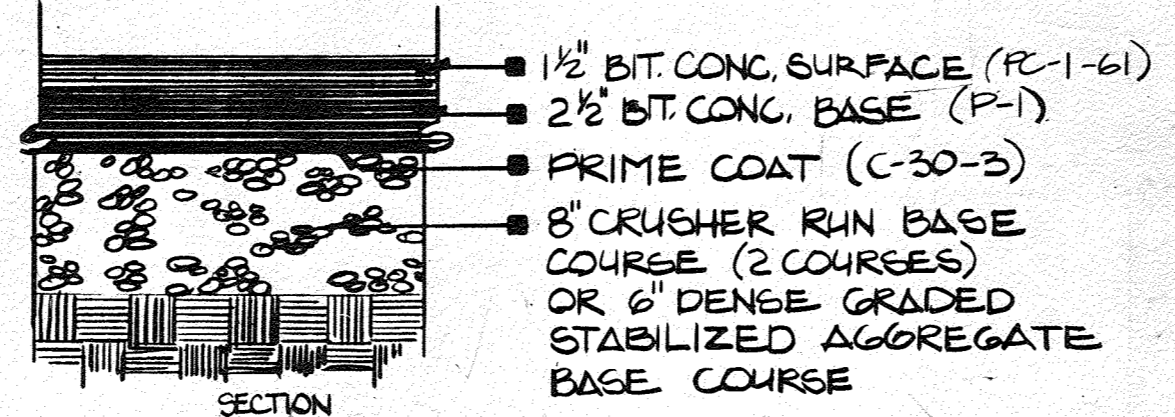
6 EQUESTRIAN STAND
23 NO SCALE

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-6-84
JMB

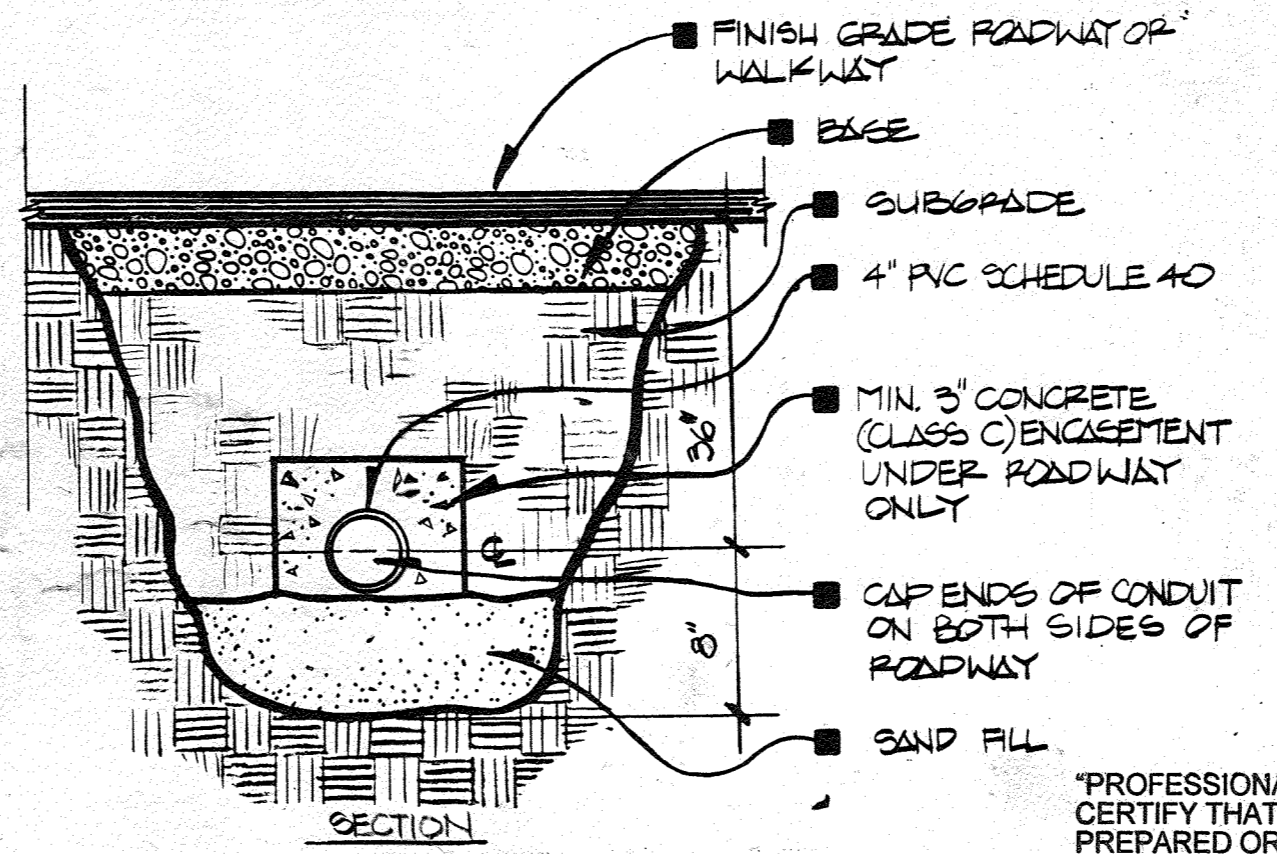
Howard County, MD, Department of Public Works for the Department of Recreation and Parks, 3430 Court House Drive, Ellicott City, MD, Election District No. 5 (Census Tract 6051) Tax Map No. 40 Liber 881, Folio, 483, Parcel 113



8 BITUMINOUS CONCRETE ROAD SECTION
23 NO SCALE

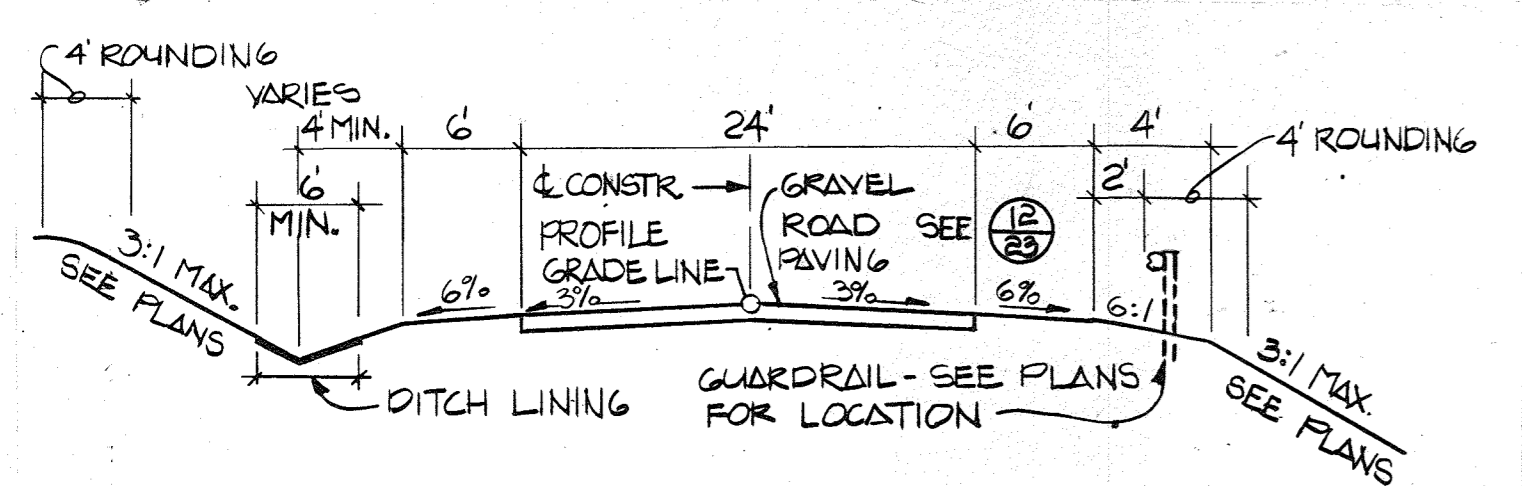
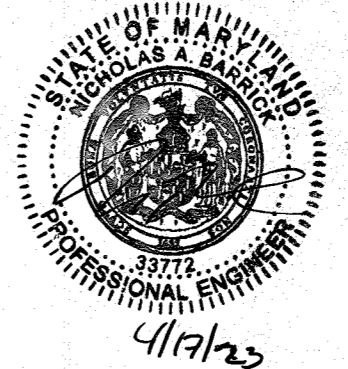


9 BITUMINOUS CONCRETE ROAD PAVING
23 NO SCALE ROADS & PARKING AREAS AS SHOWN ON PLANS

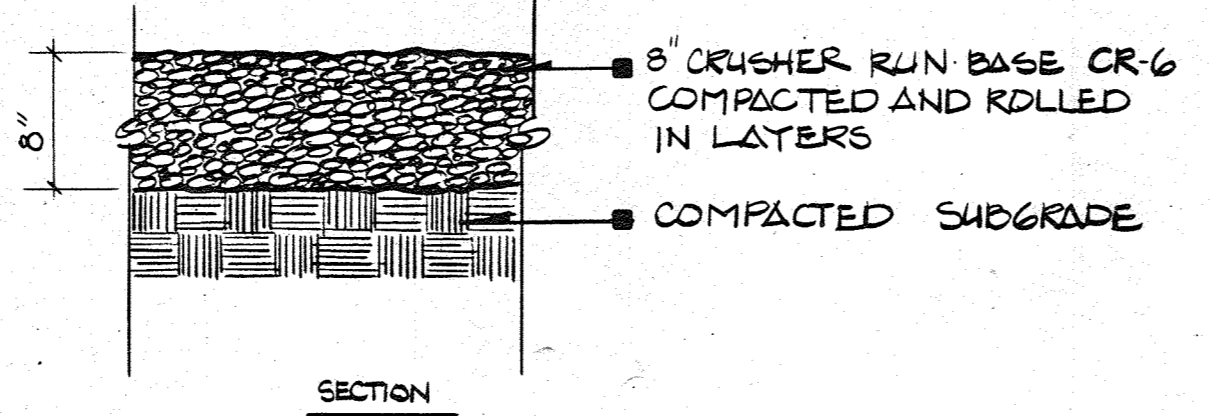


10 CONDUIT STUB
23 NO SCALE

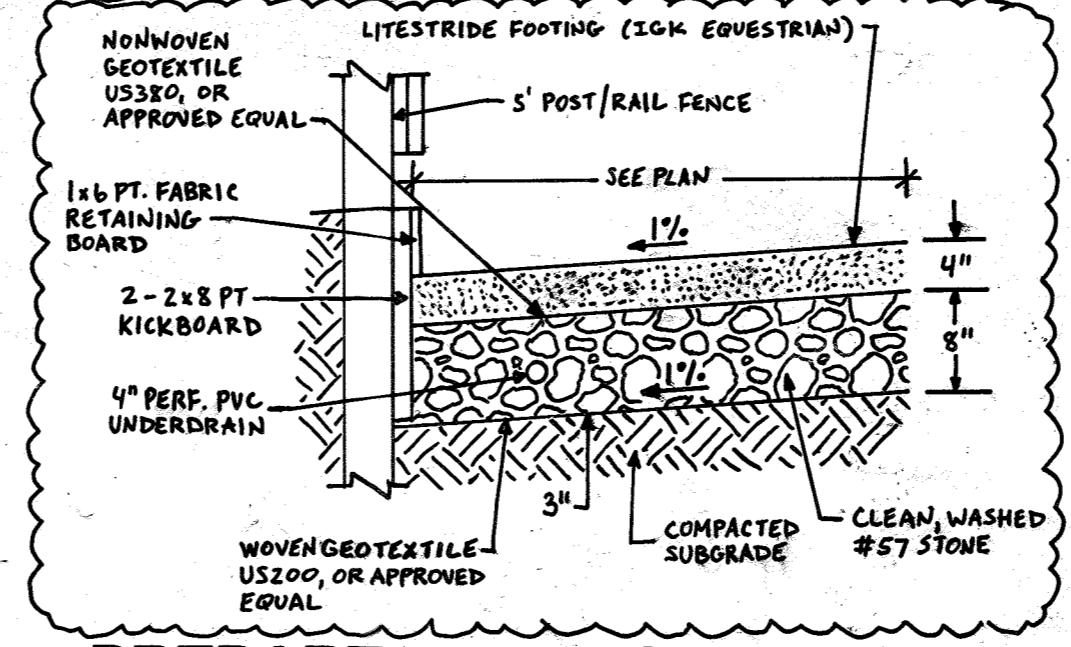
PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 33772 EXPIRATION DATE: 06-16-23 FOR REV. NO. 3 ONLY



11 GRAVEL ROAD SECTION
23 NO SCALE ROAD 1/2" Sta. 2+18.0 - Sta. 14+85.0 LOCAL ROAD - ZONE F



12 GRAVEL ROAD PAVING
23 NO SCALE ROADS & PARKING AREAS AS SHOWN ON PLANS



13 PREPARED RIDING SURFACE
23 NO SCALE

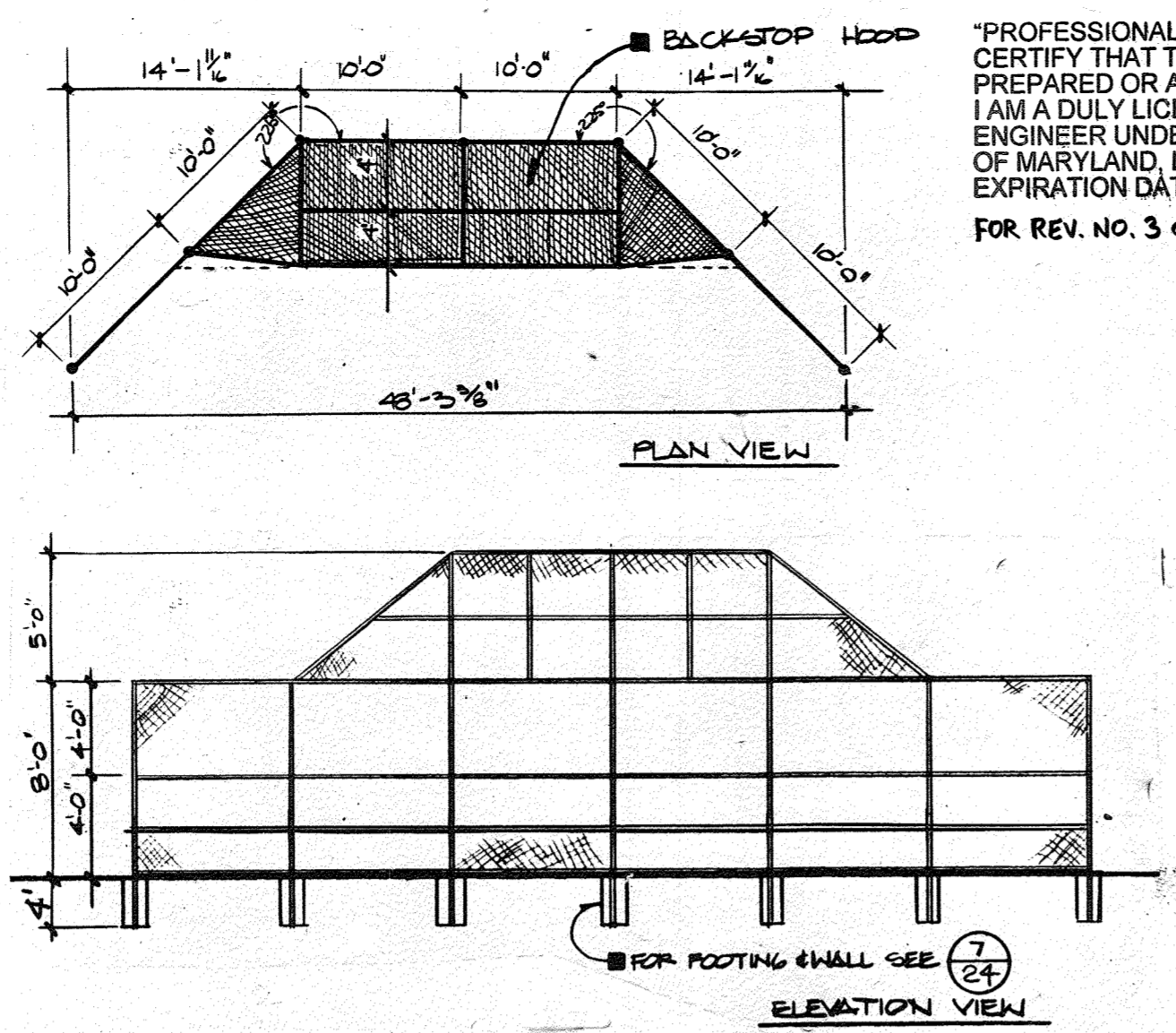
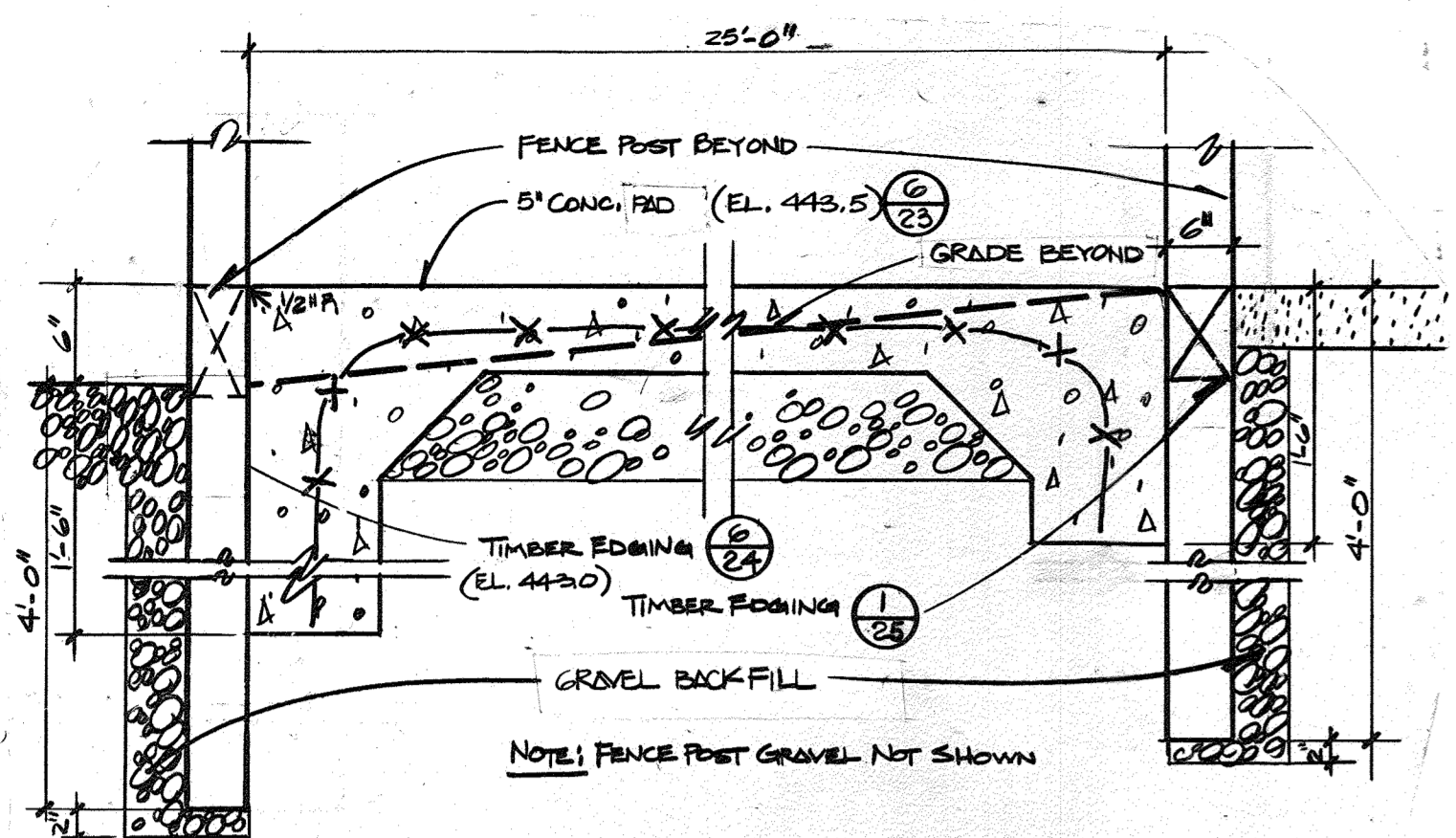
APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS		6-22-84
DIRECTOR		DATE
APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads		6-18-84
DIRECTOR		DATE
APPROVED: For Private Water and Private Sewerage Systems		6-18-84
CHIEF, BUREAU OF ENGINEERING		DATE
APPROVED: Howard County Health Department		5-22-84
COUNTY HEALTH OFFICER		DATE
APPROVED: Howard County Office of Planning and Zoning		9-25-84
PLANNING DIRECTOR		DATE
APPROVED: Howard County Office of Planning and Zoning		9-25-84
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION		DATE

2	PH		CRICKET FIELD	5/13/20	
3	EWM		REV. EQUESTRIAN RING	4-17-23	
REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE

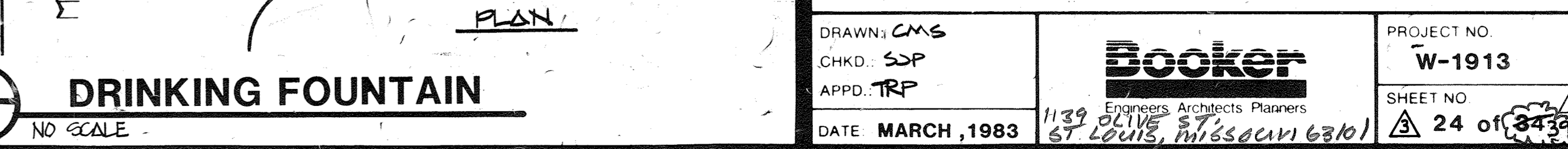
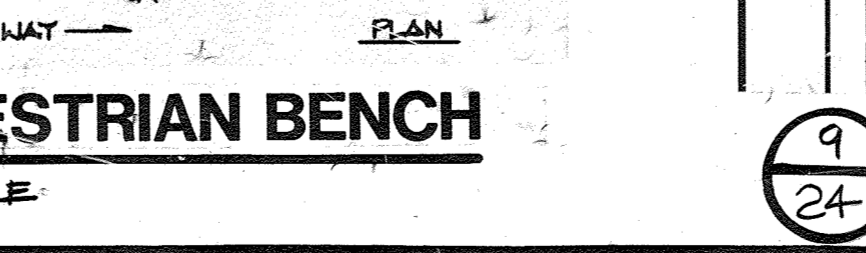
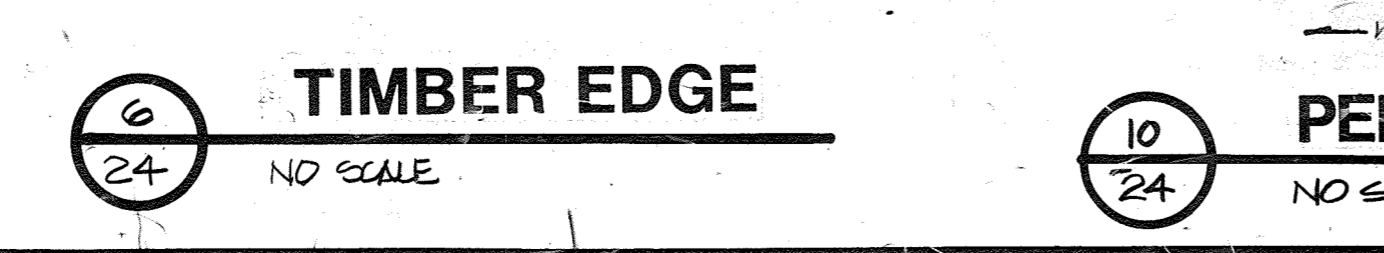
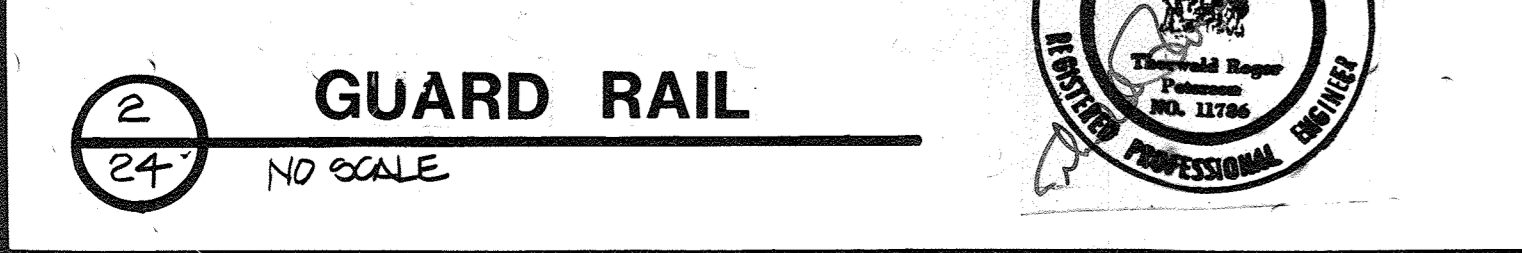
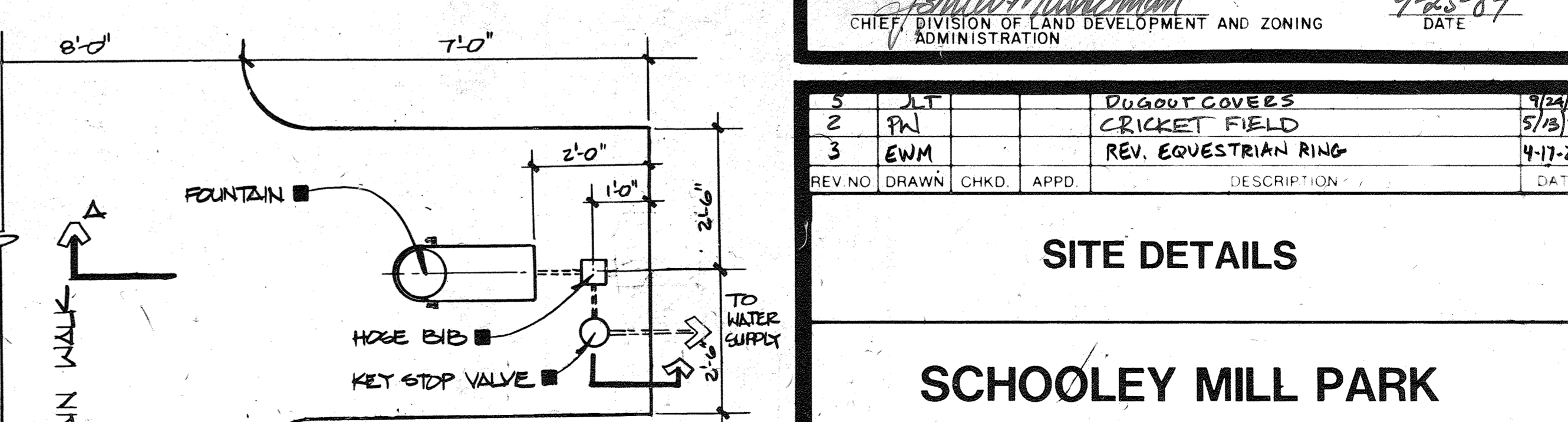
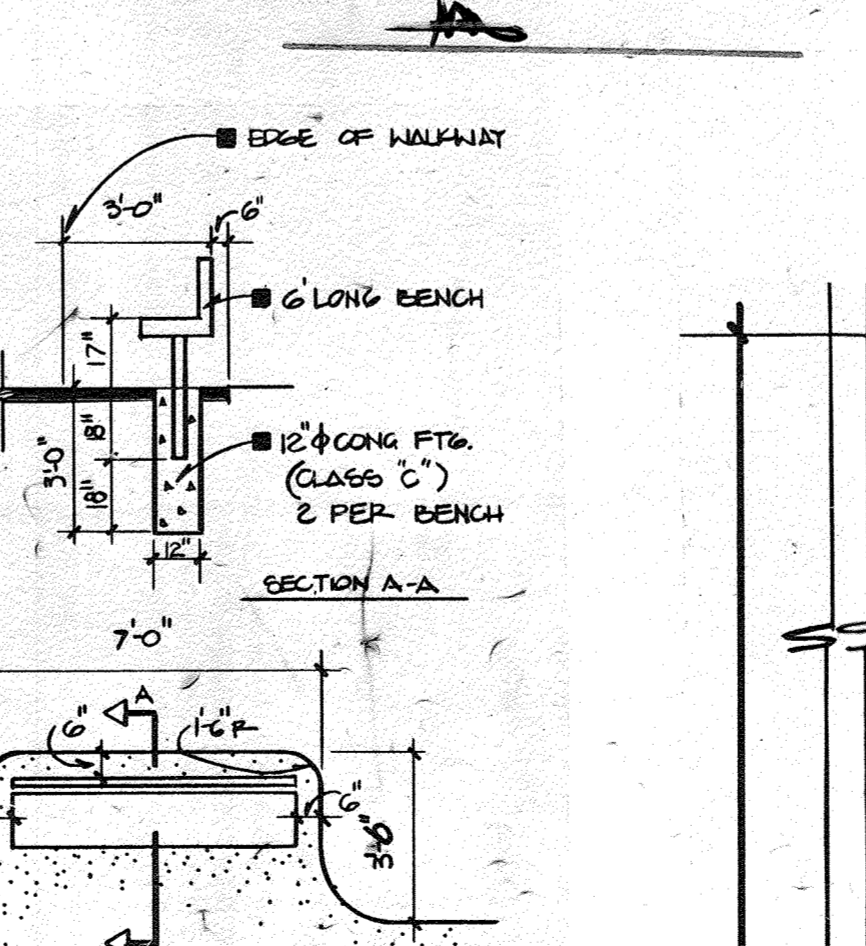
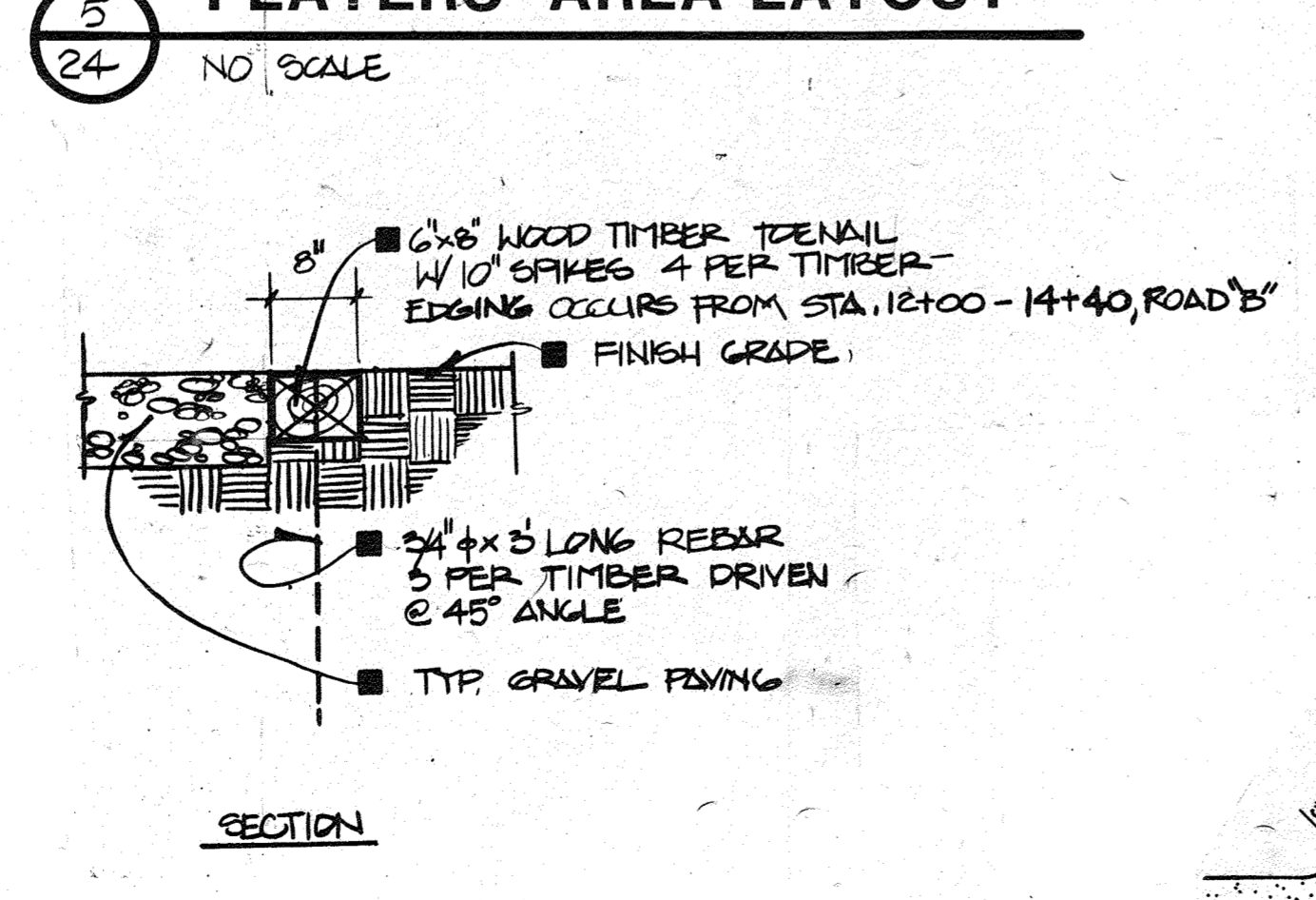
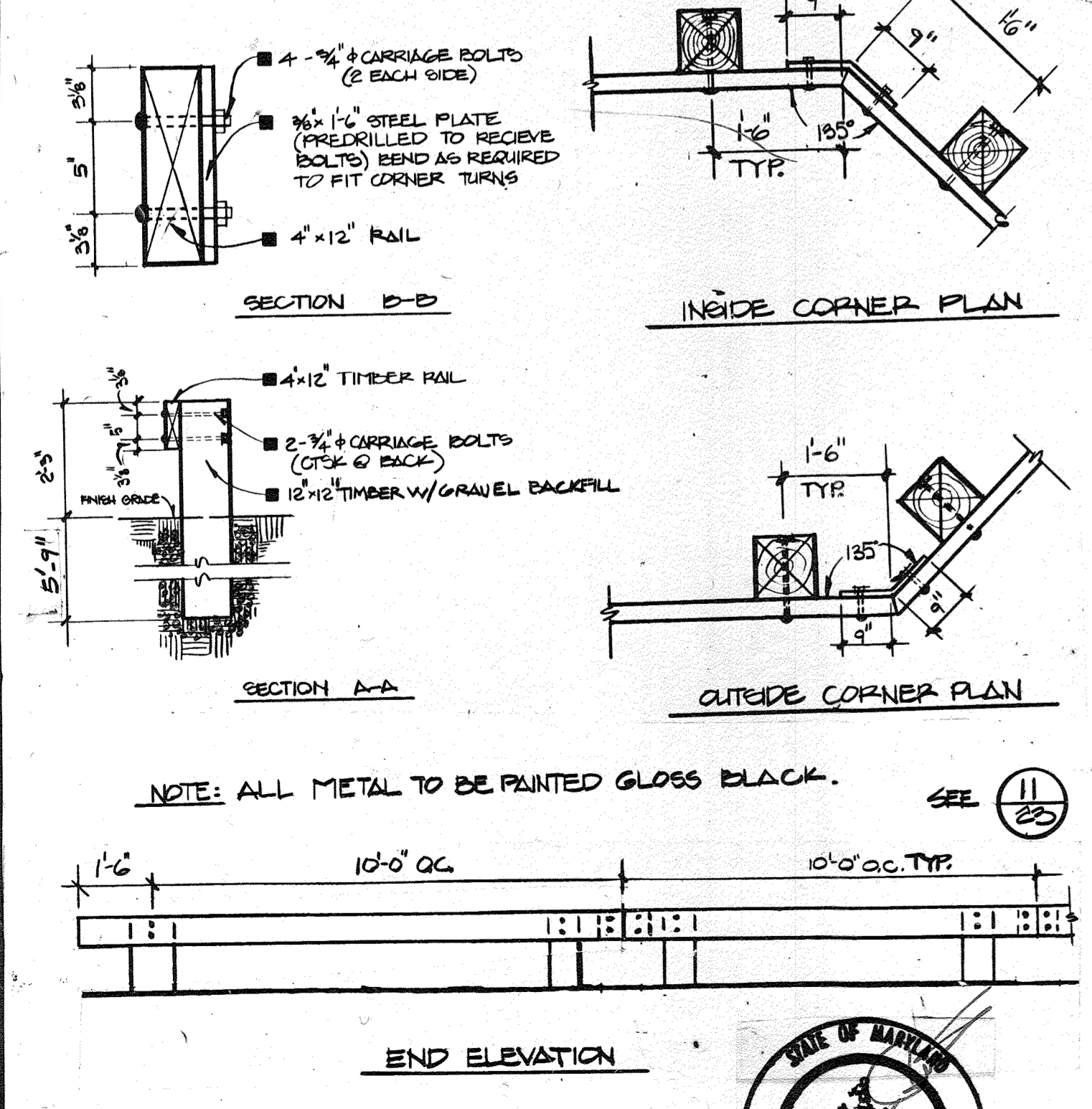
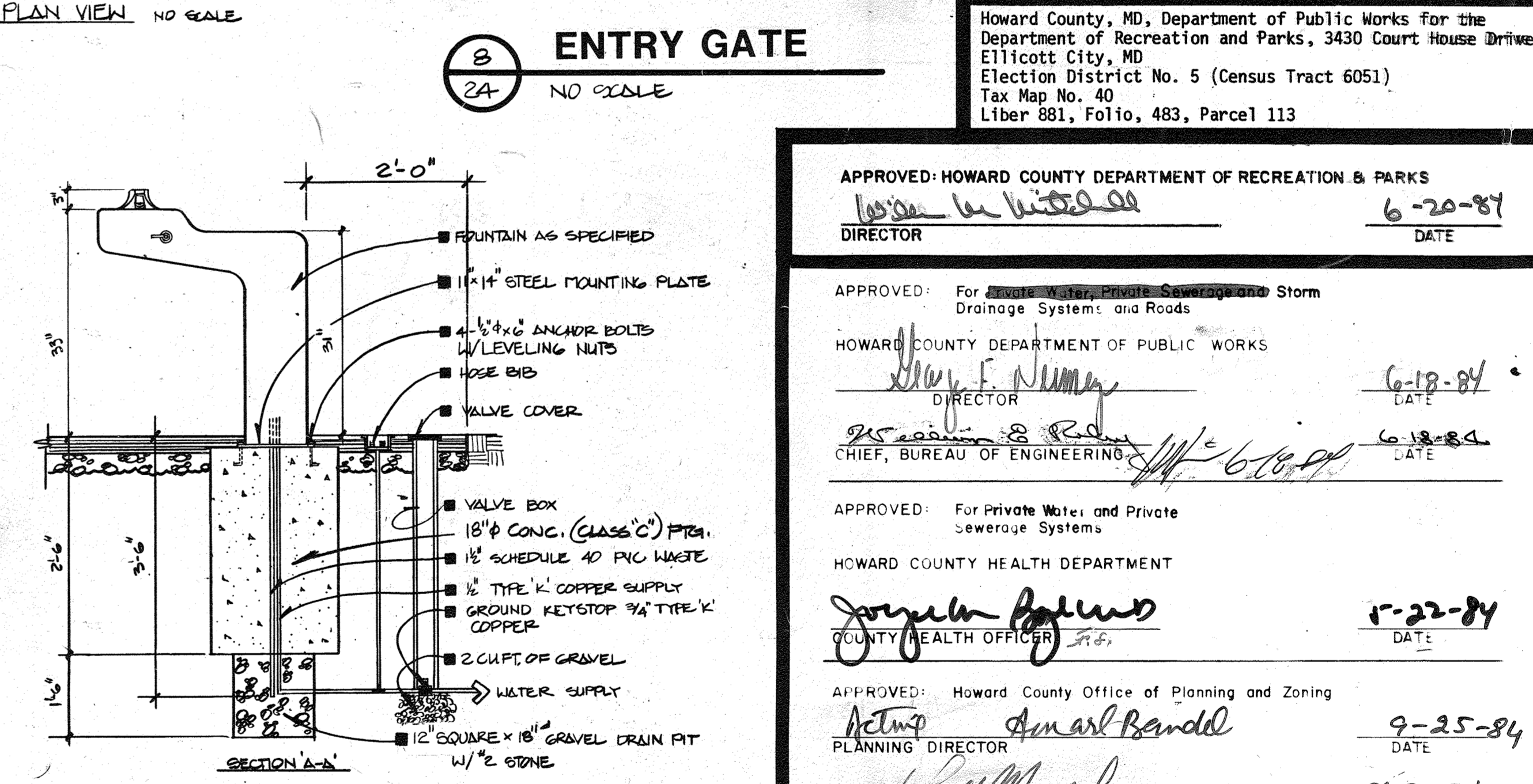
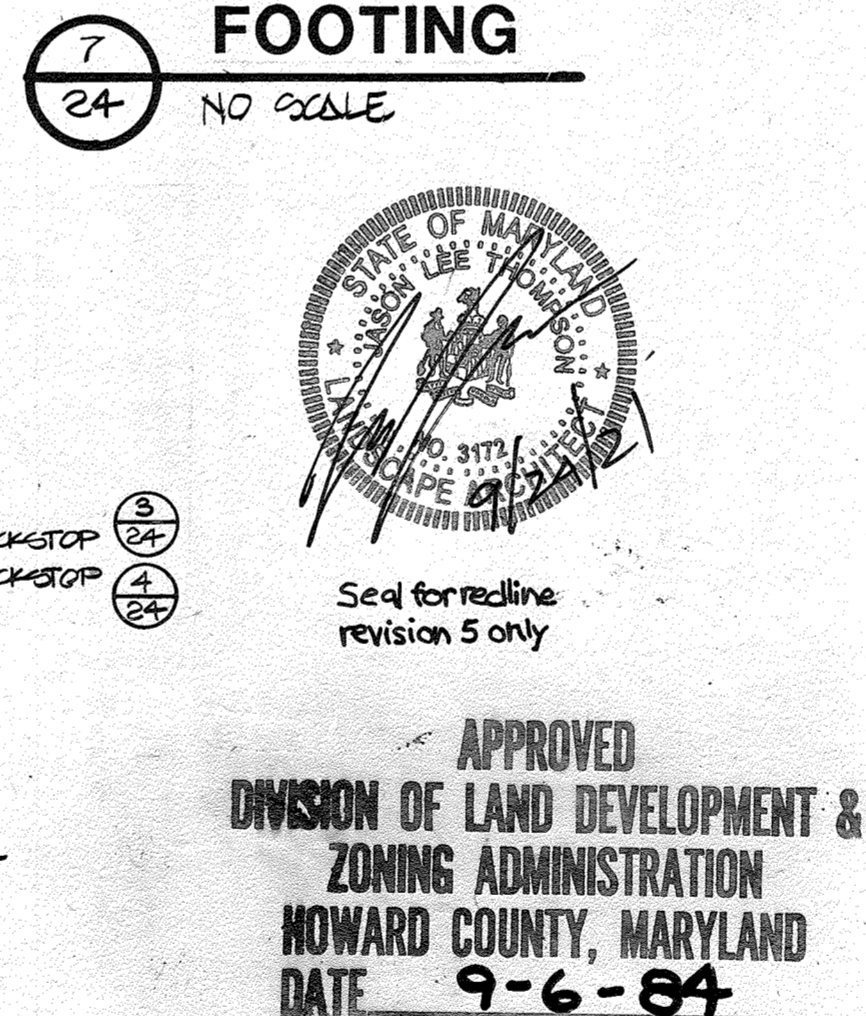
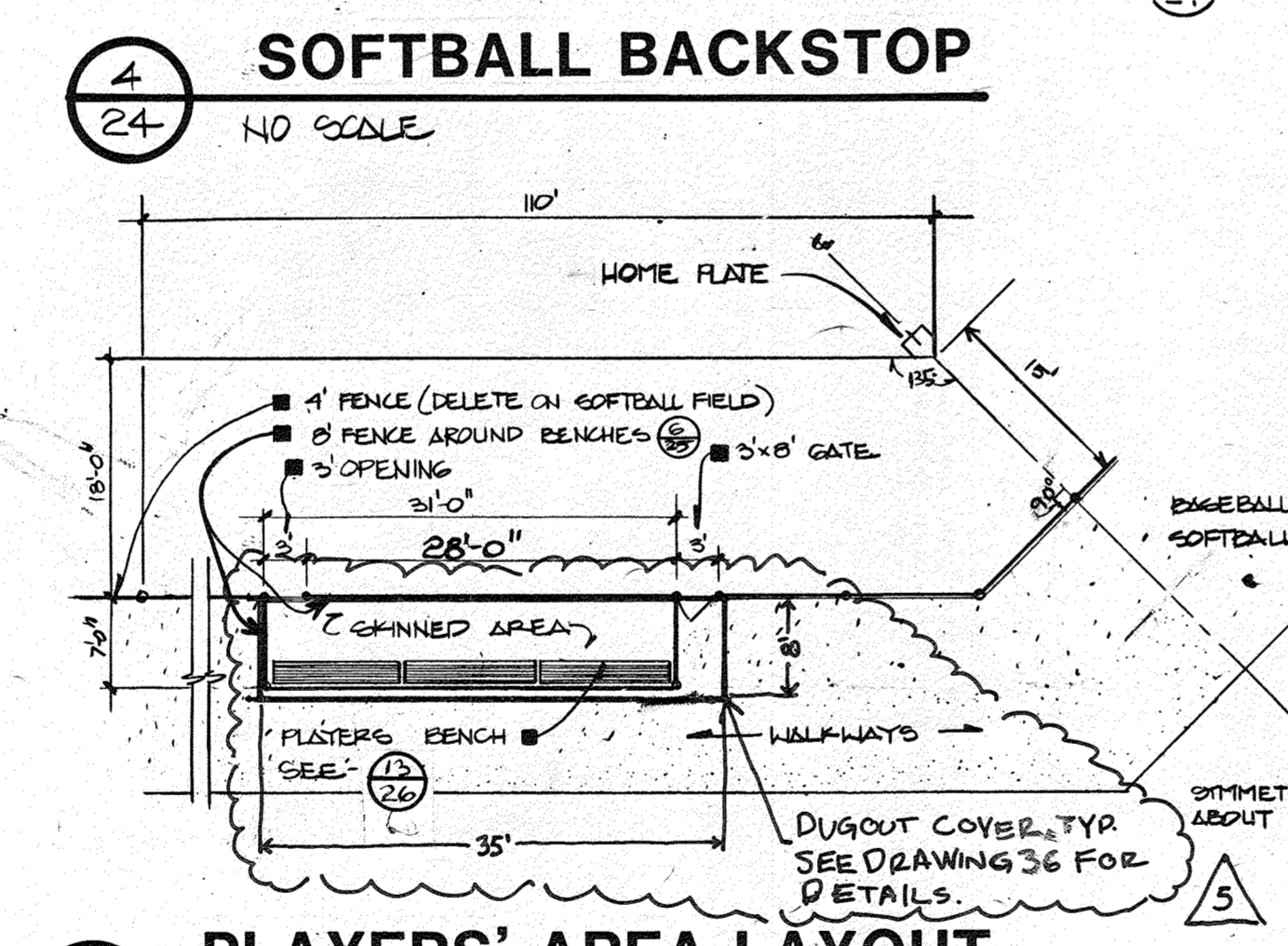
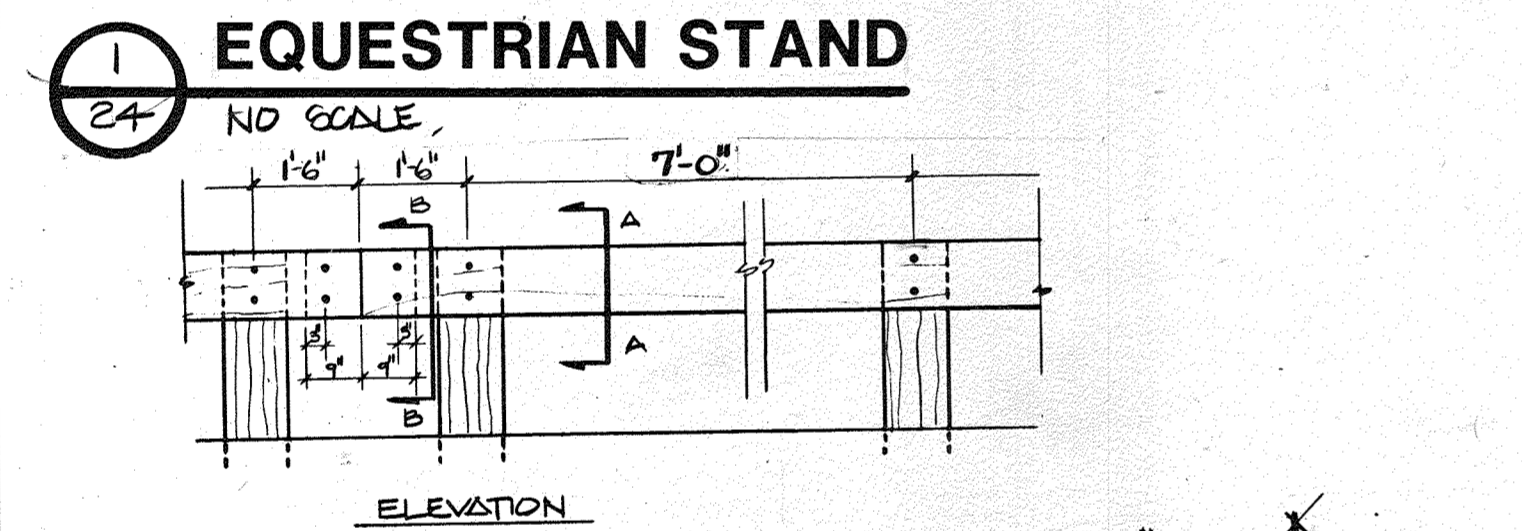
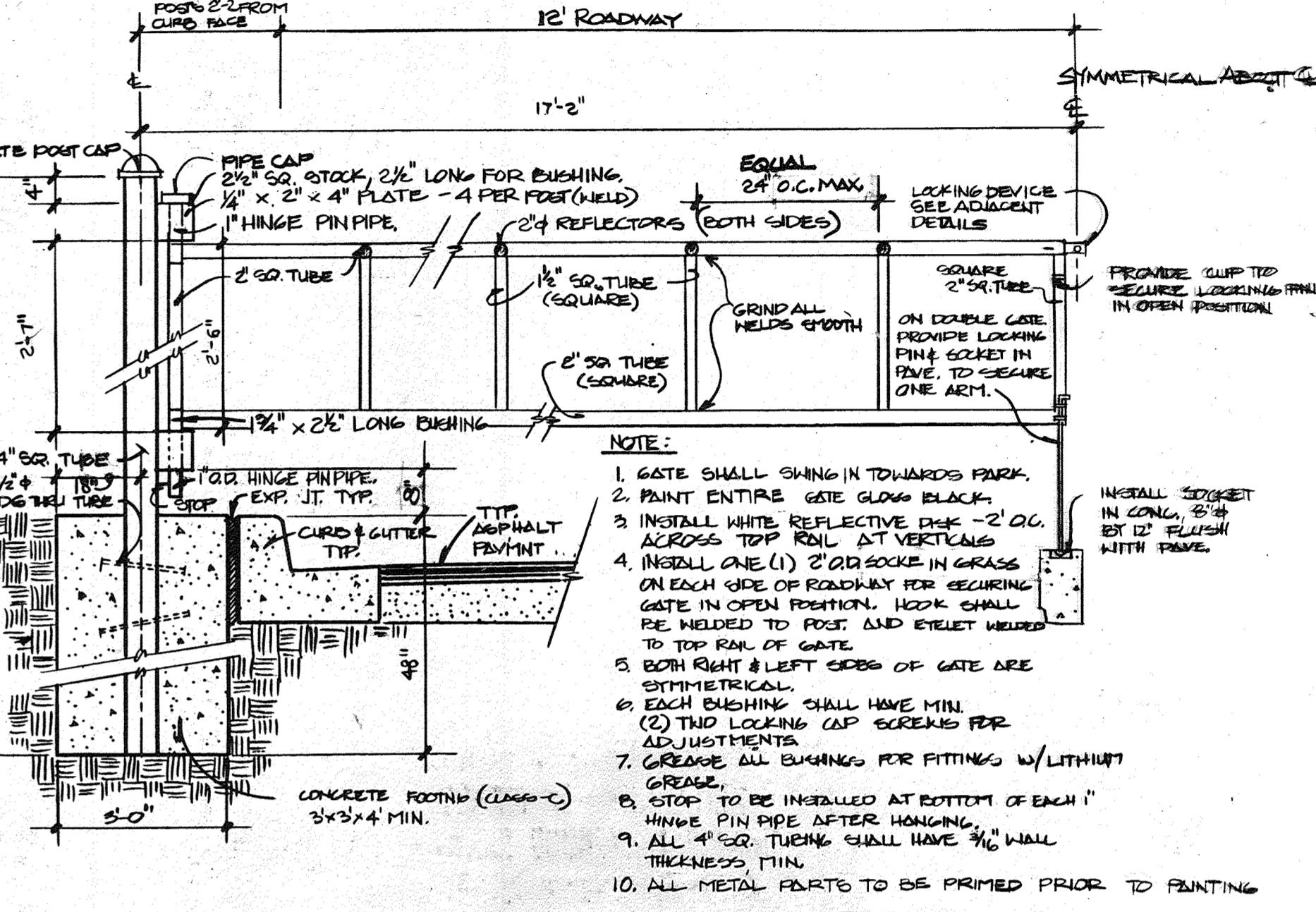
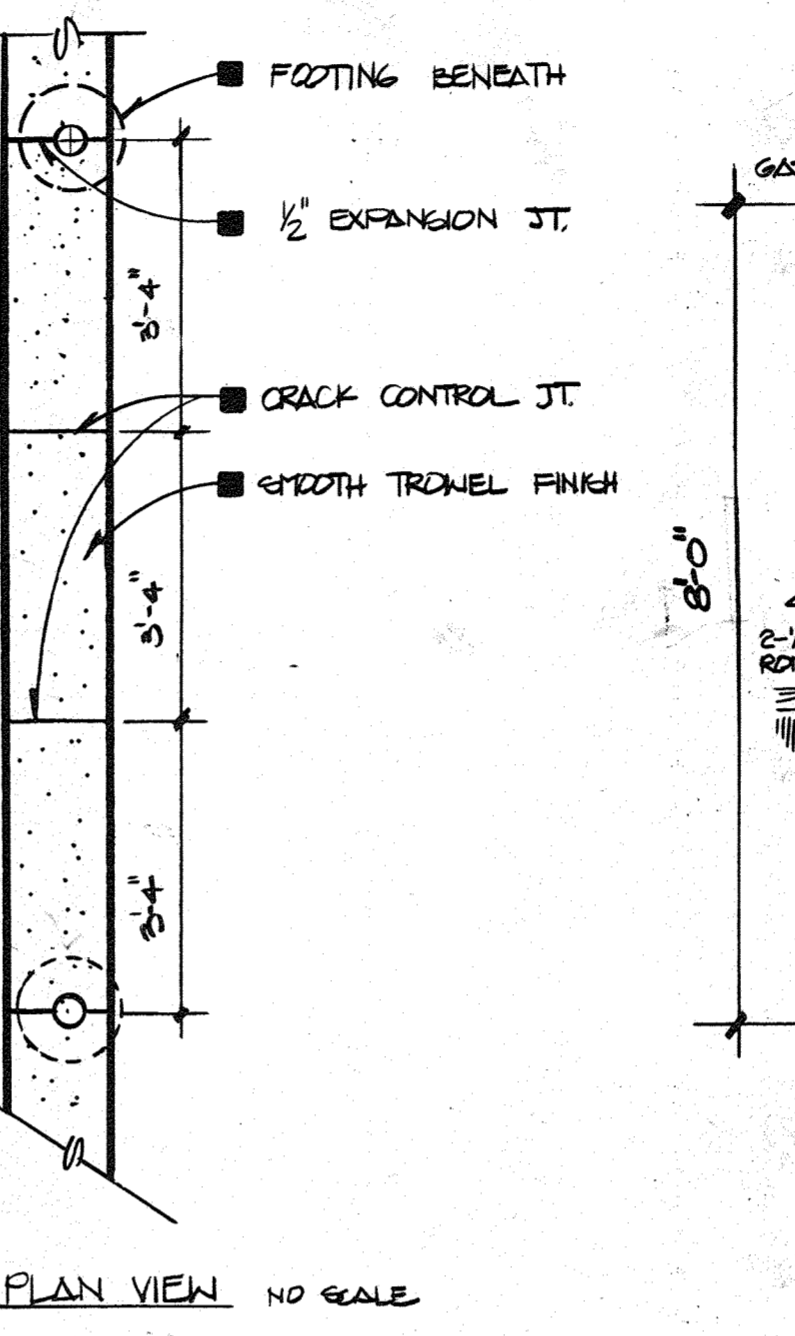
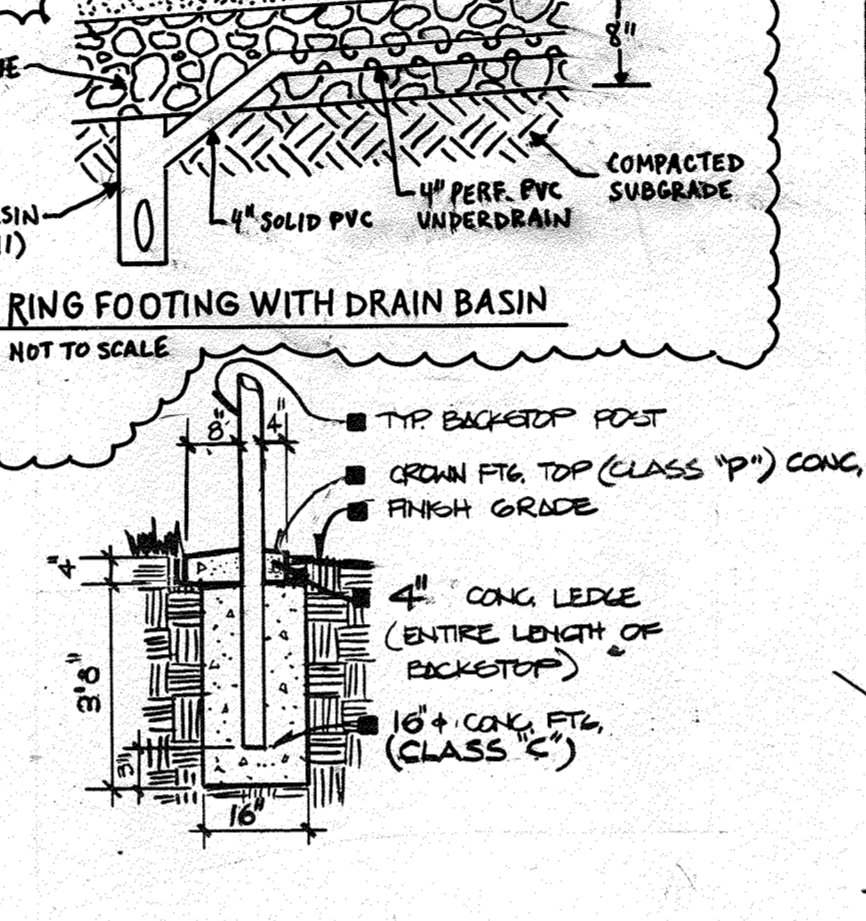
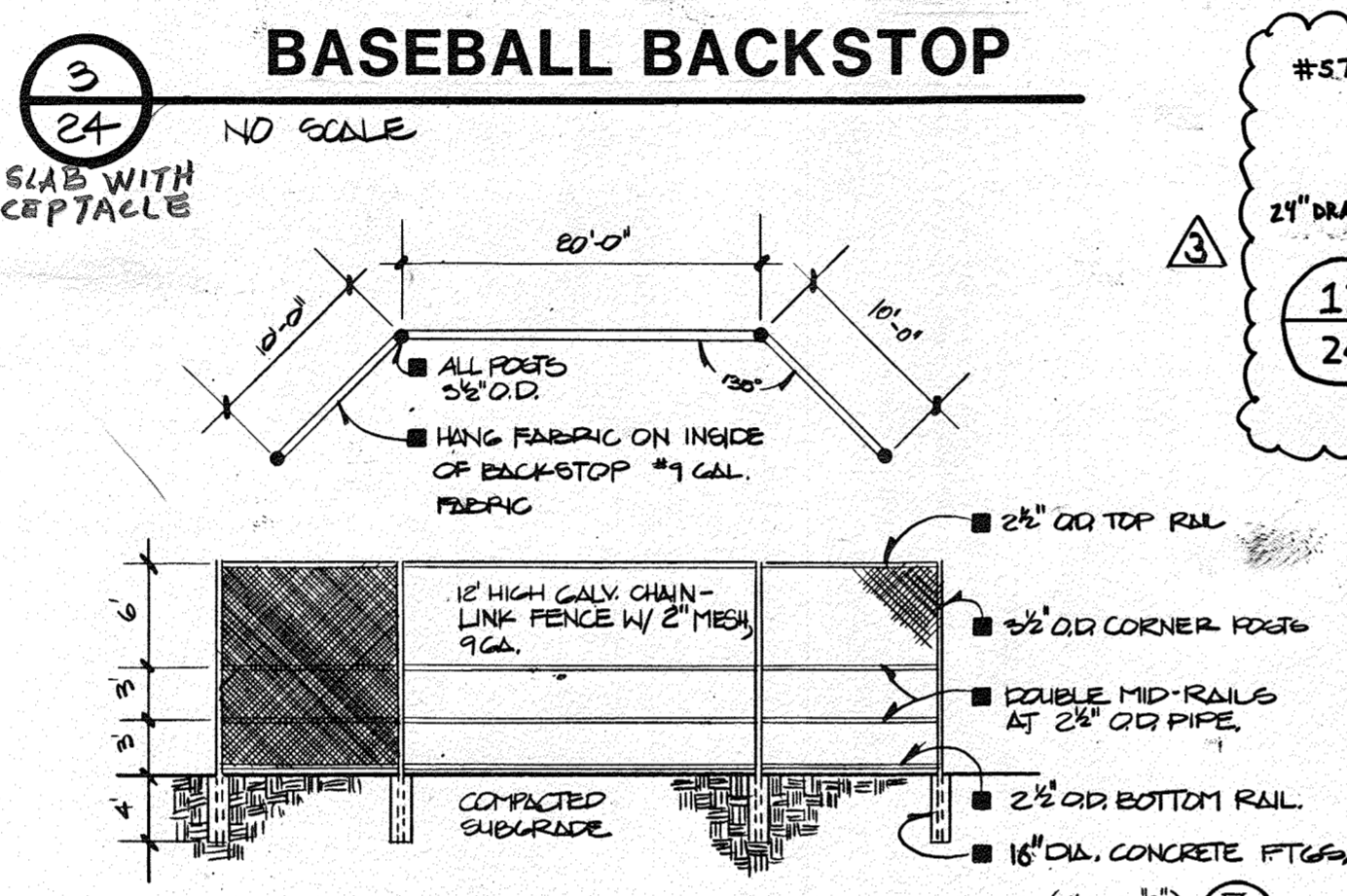
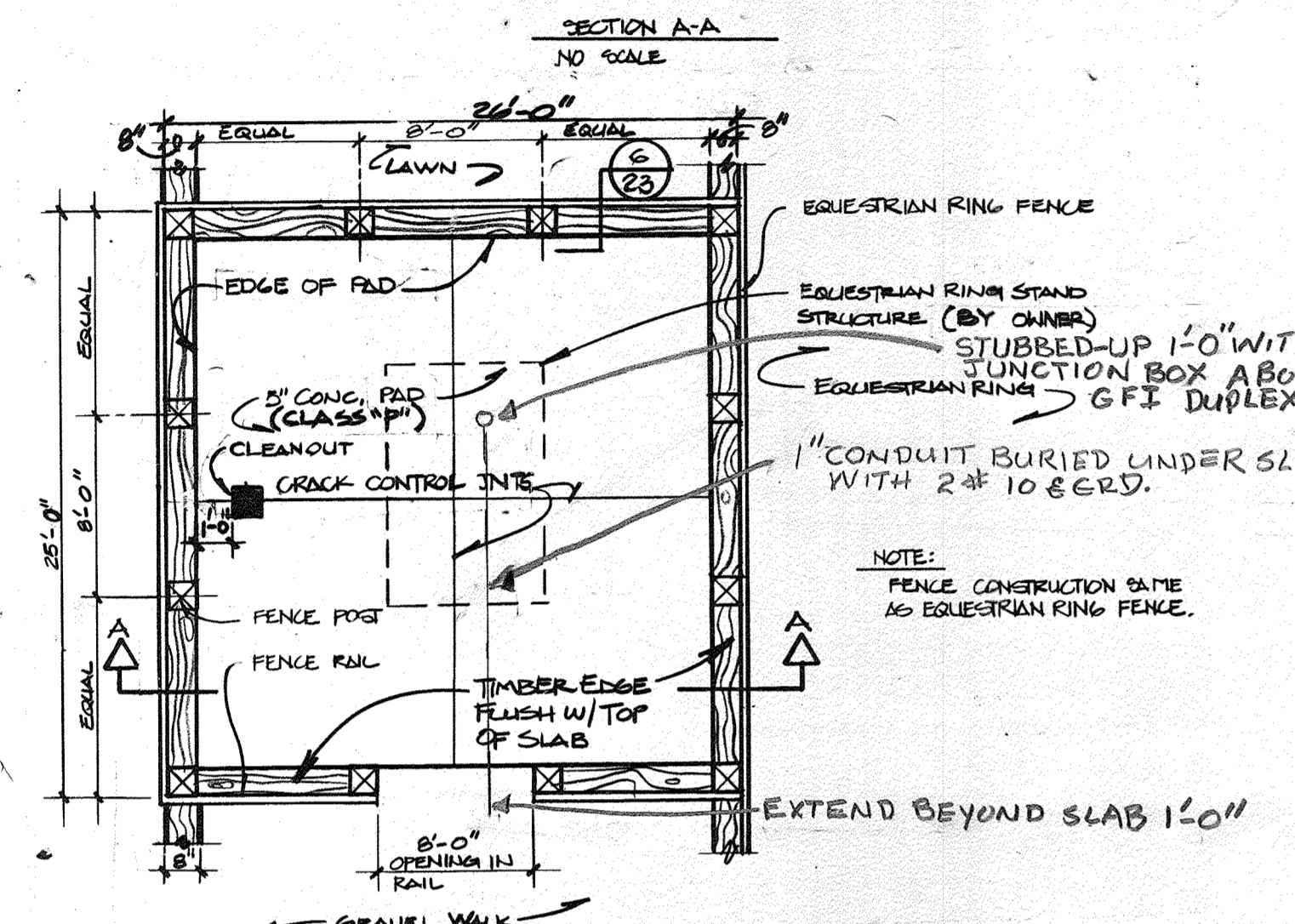
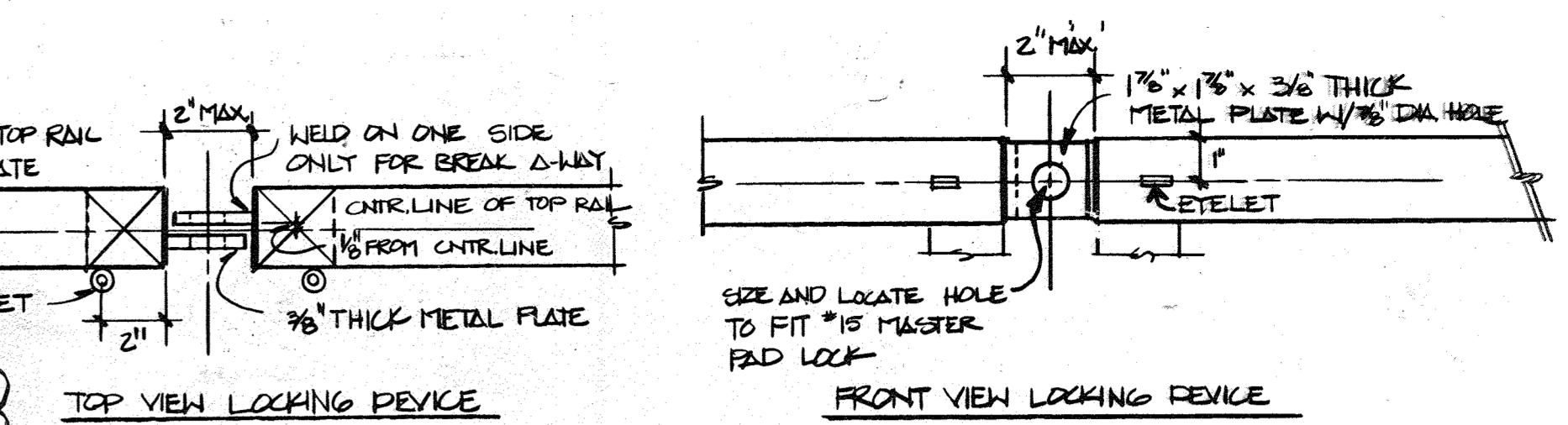
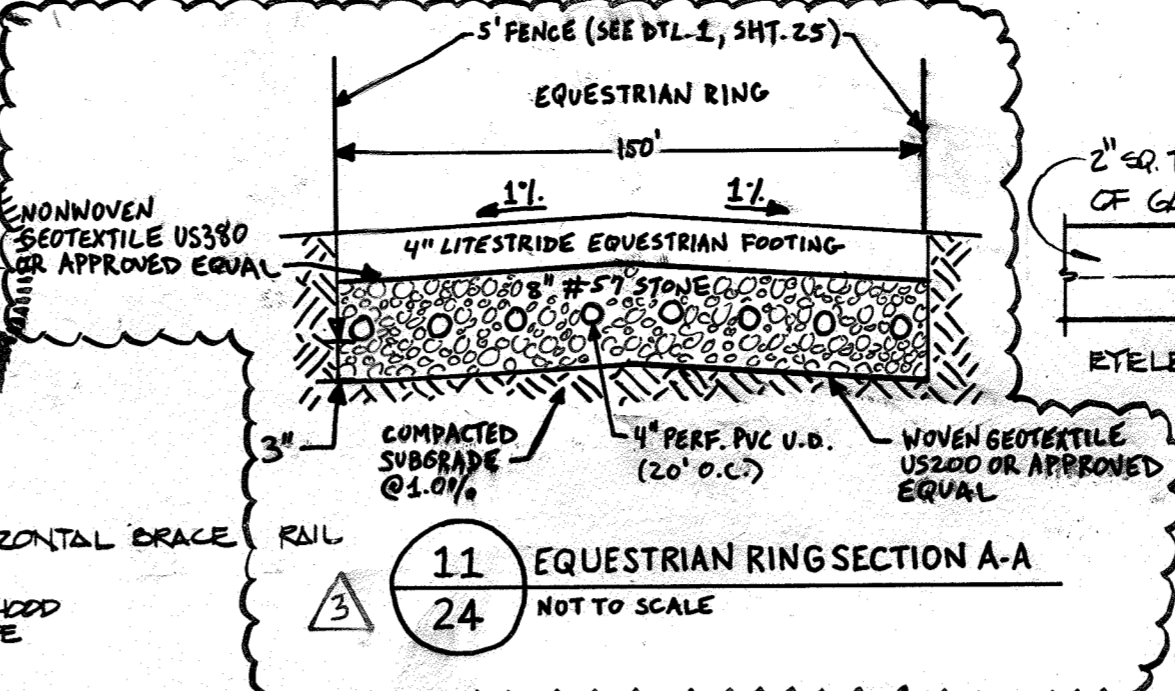
SITE DETAILS

SCHOOLEY MILL PARK

DRAWN: CM6	PROJECT NO. W-1913
CHKD.: SJP	SHEET NO. 23 OF 24
APPD.: TRP	DATE: MARCH, 1983
1139 OLIVE STREET, SUITE 416 ST. LOUIS, MISSOURI 63101	



"PROFESSIONAL CERTIFICATION, I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 35772, EXPIRATION DATE: 06-16-23 FOR REV. NO. 3 ONLY



Howard County, MD, Department of Public Works for the Department of Recreation and Parks, 3430 Court House Drive, Ellicott City, MD Election District No. 5 (Census Tract 6051) Tax Map No. 40 Liber 881, Folio, 483, Parcel 113

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
 6-20-87
 DIRECTOR DATE

APPROVED: For Private Water, Sewerage and Storm Drainage Systems and Roads
 6-18-84
 DIRECTOR DATE

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 6-18-84
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: For Private Water and Private Sewerage Systems
 1-22-84
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning
 9-25-84
 PLANNING DIRECTOR DATE

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 9-25-84
 DATE

REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
1	JLT			DUGOUT COVERS	9/24/81
2	PN			CRICKET FIELD	5/13/82
3	EWM			REV. EQUESTRIAN RING	4-17-23

SITE DETAILS

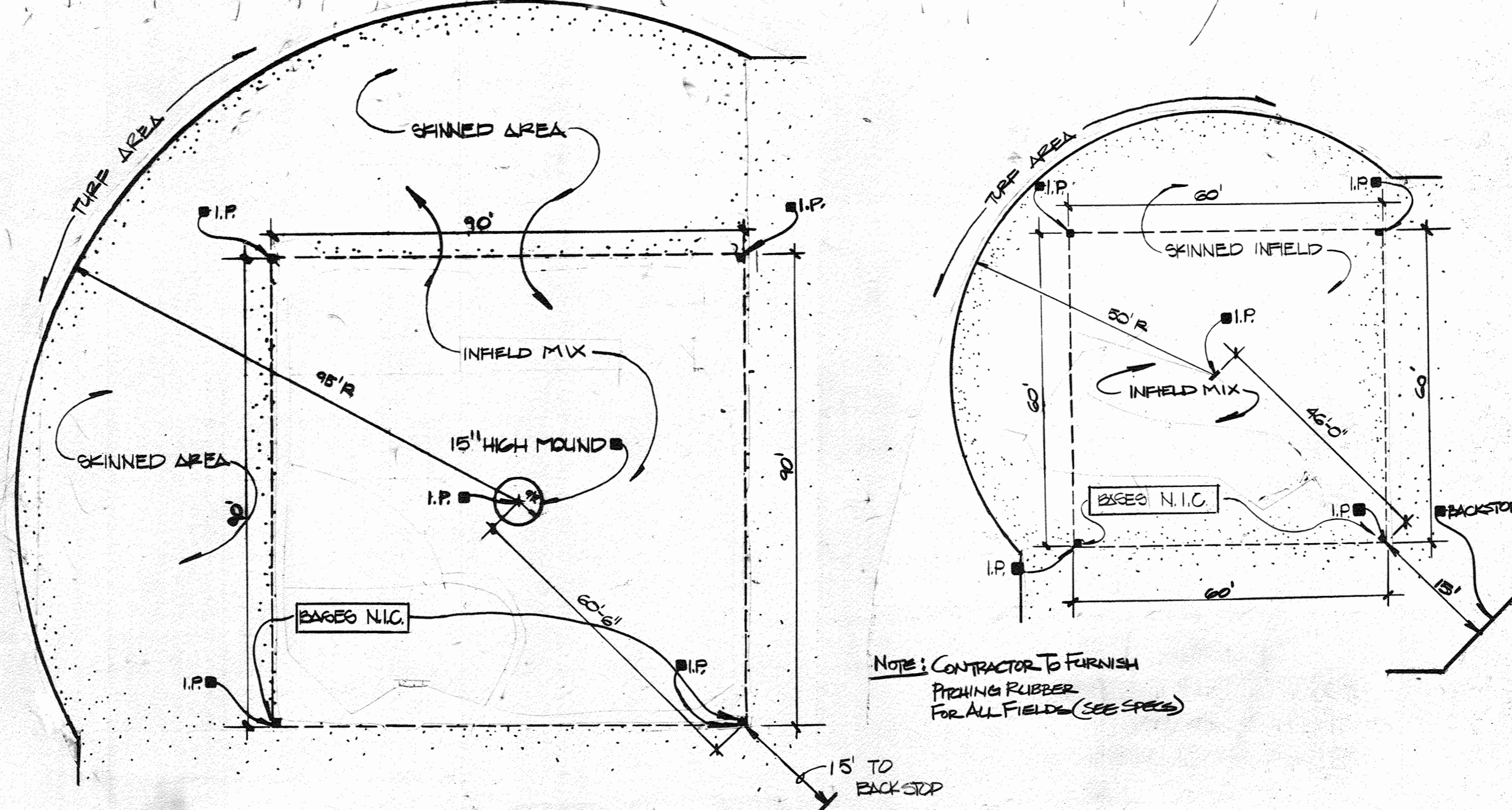
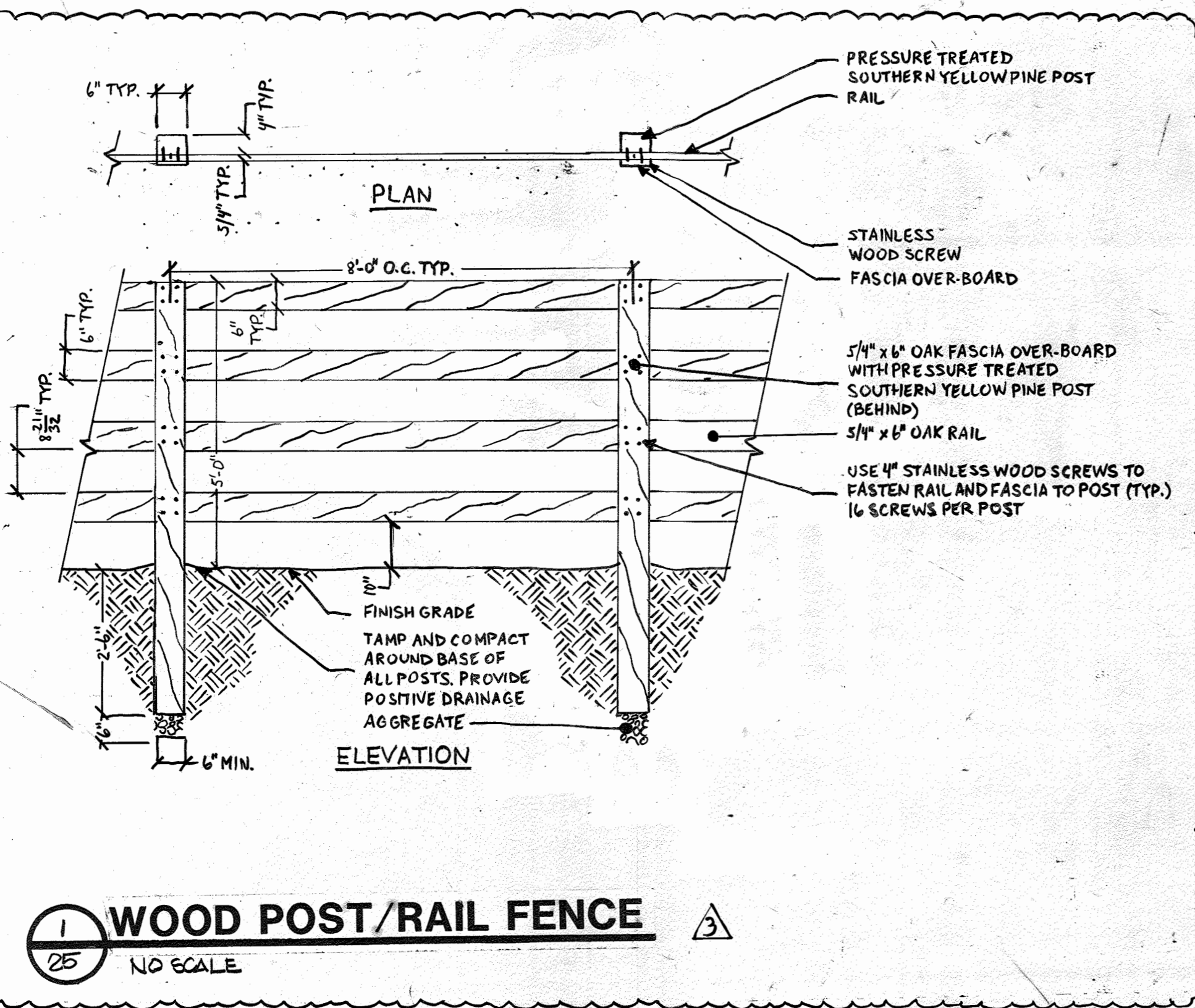
SCHOOLEY MILL PARK

DRAWN: CMS
 CHKD: SSP
 APPD: TRP
 DATE: MARCH, 1983

Booker
 Engineers Architects Planners
 1139 OLIVE ST. LOUIS, MISSOURI 63101

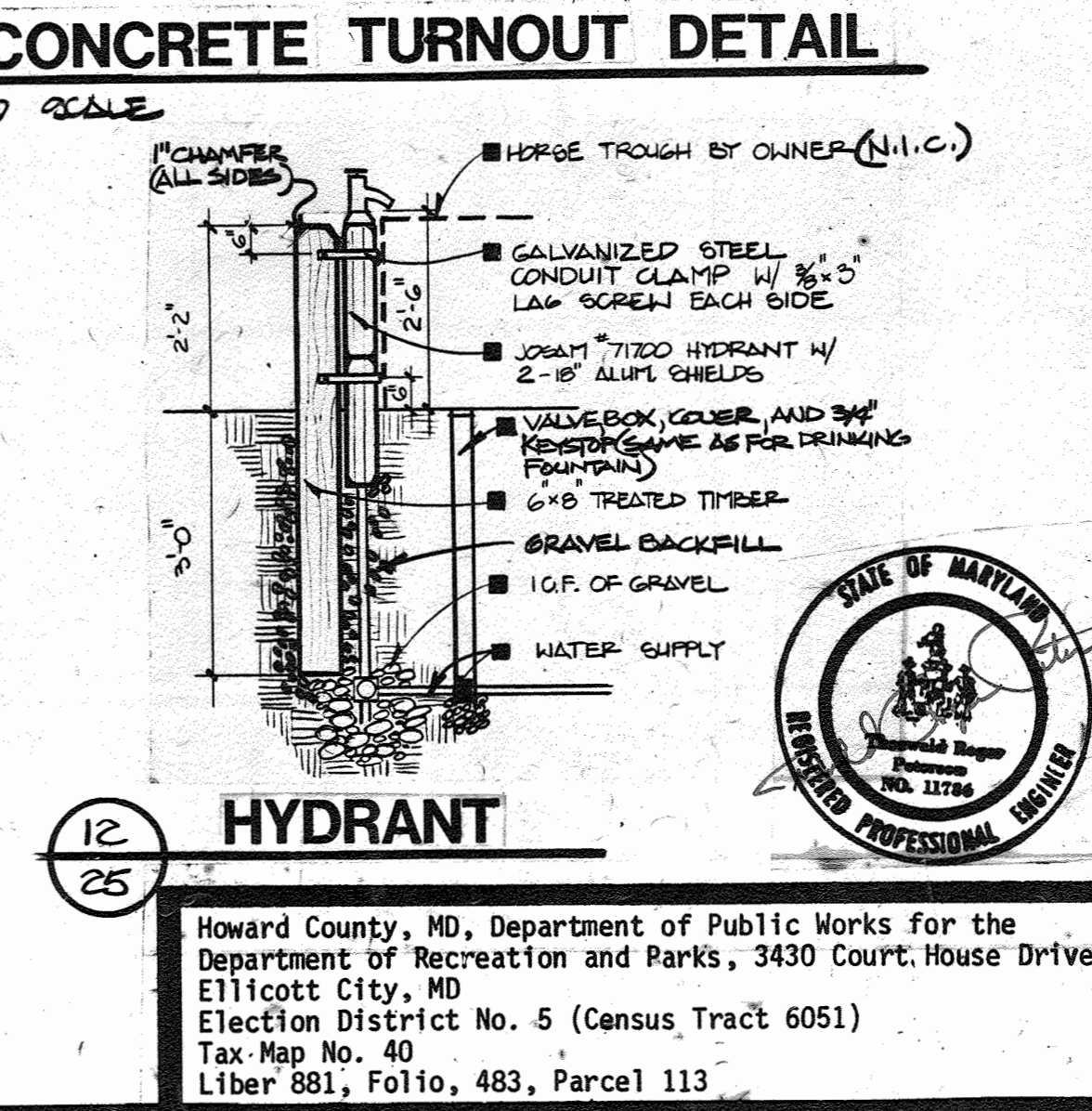
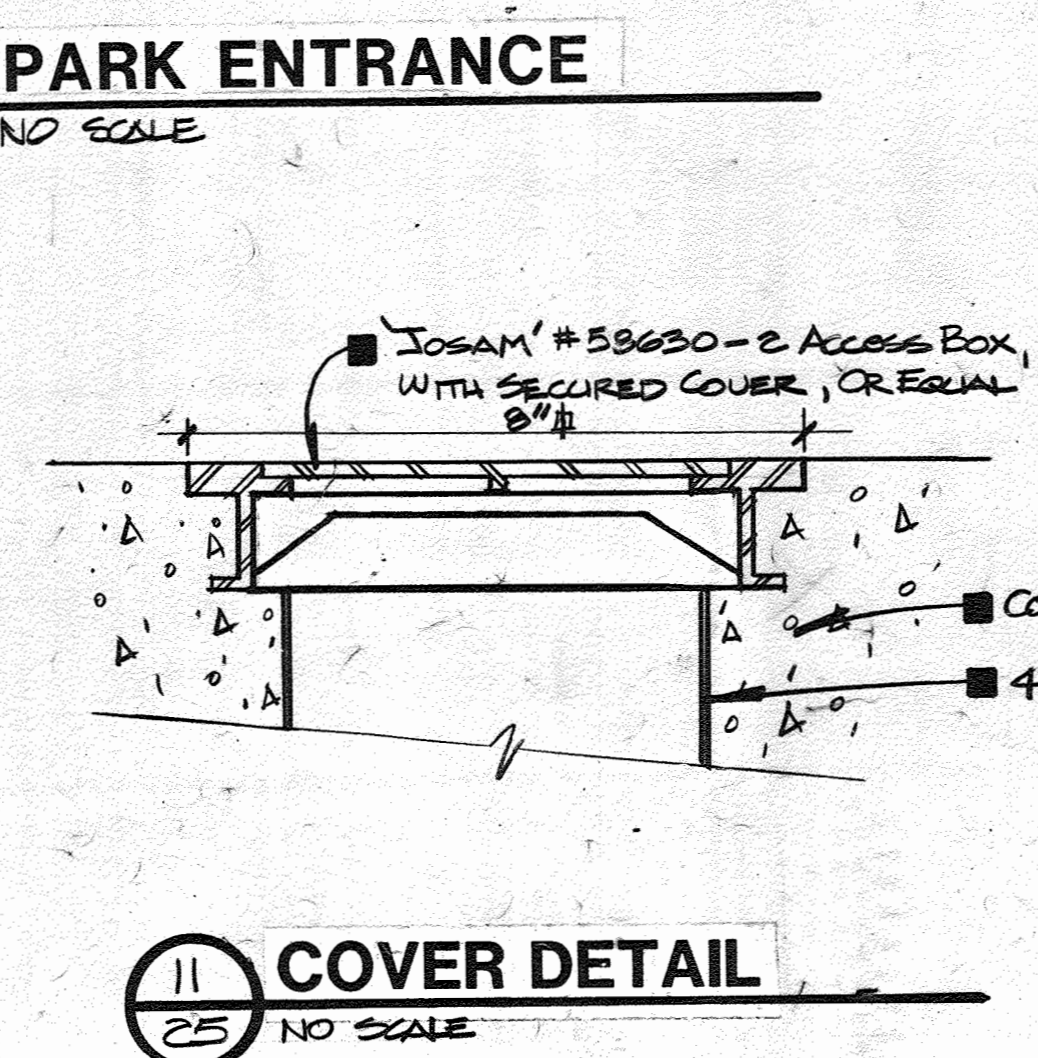
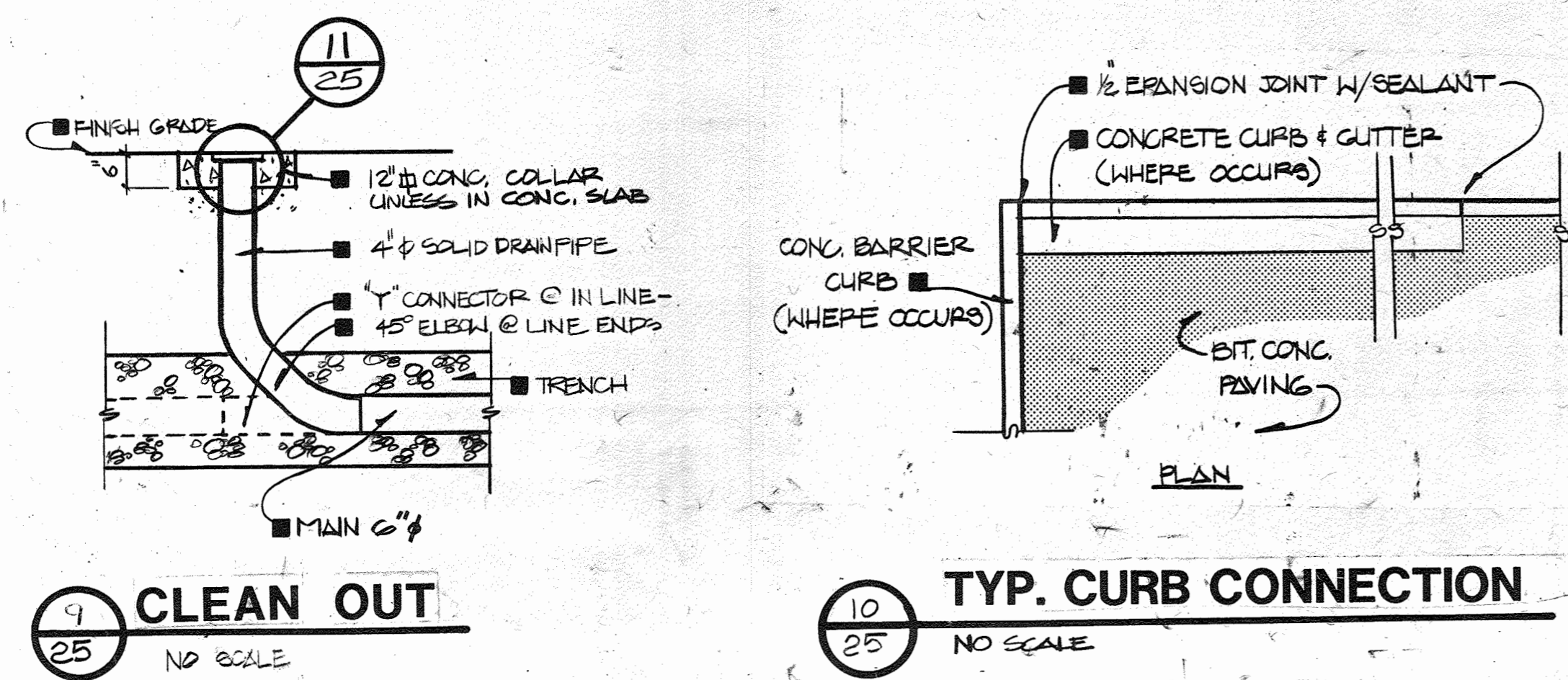
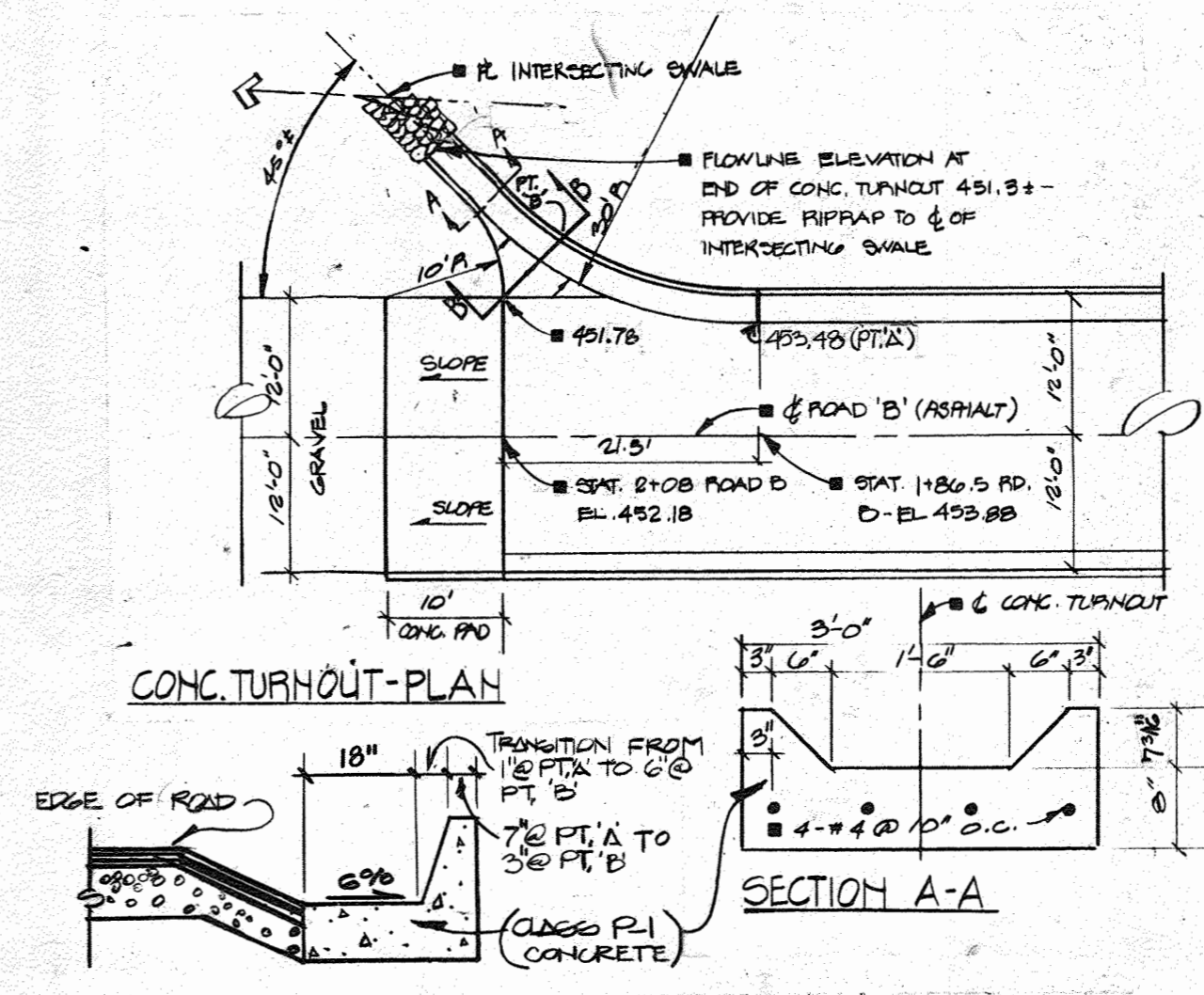
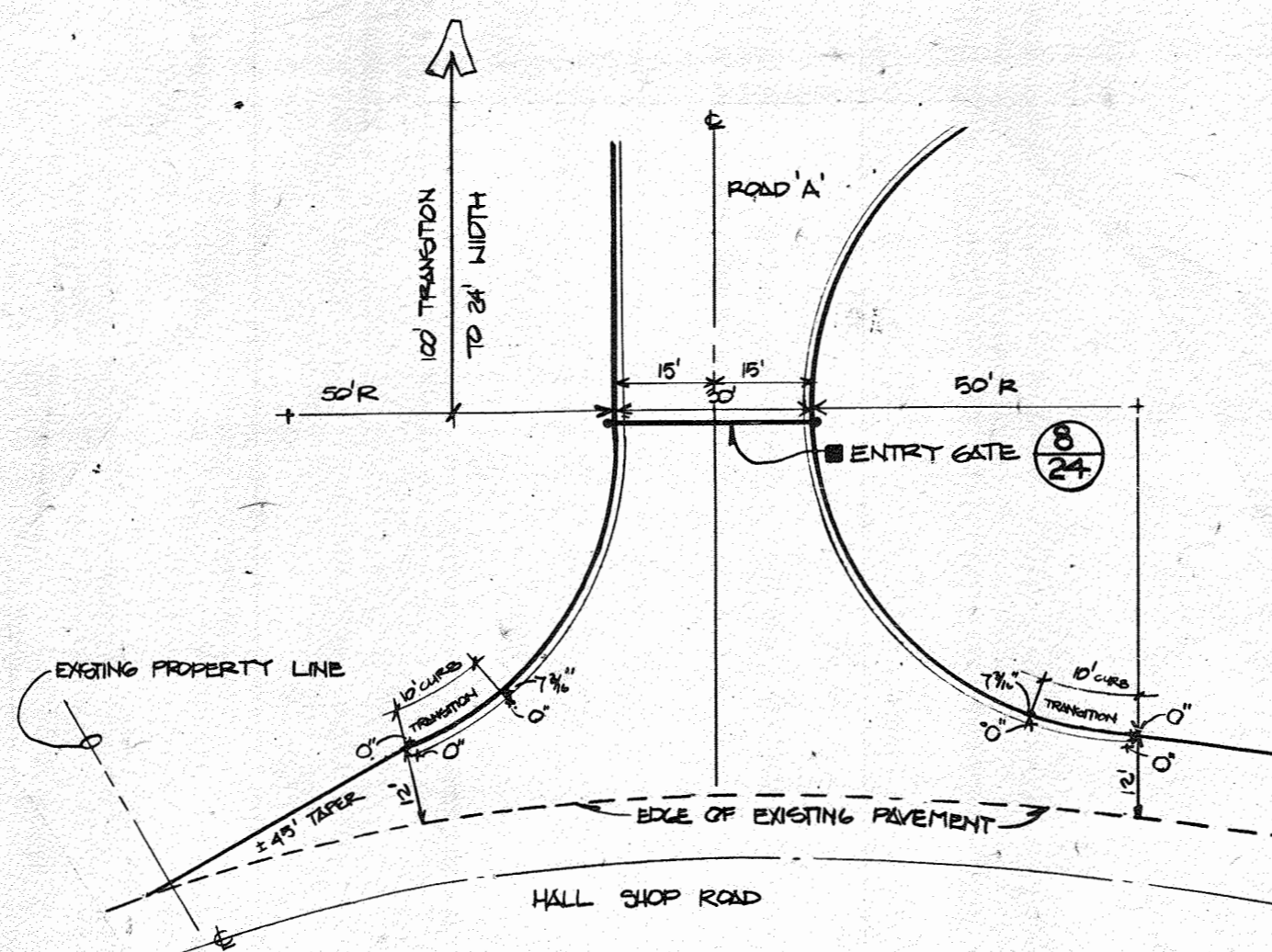
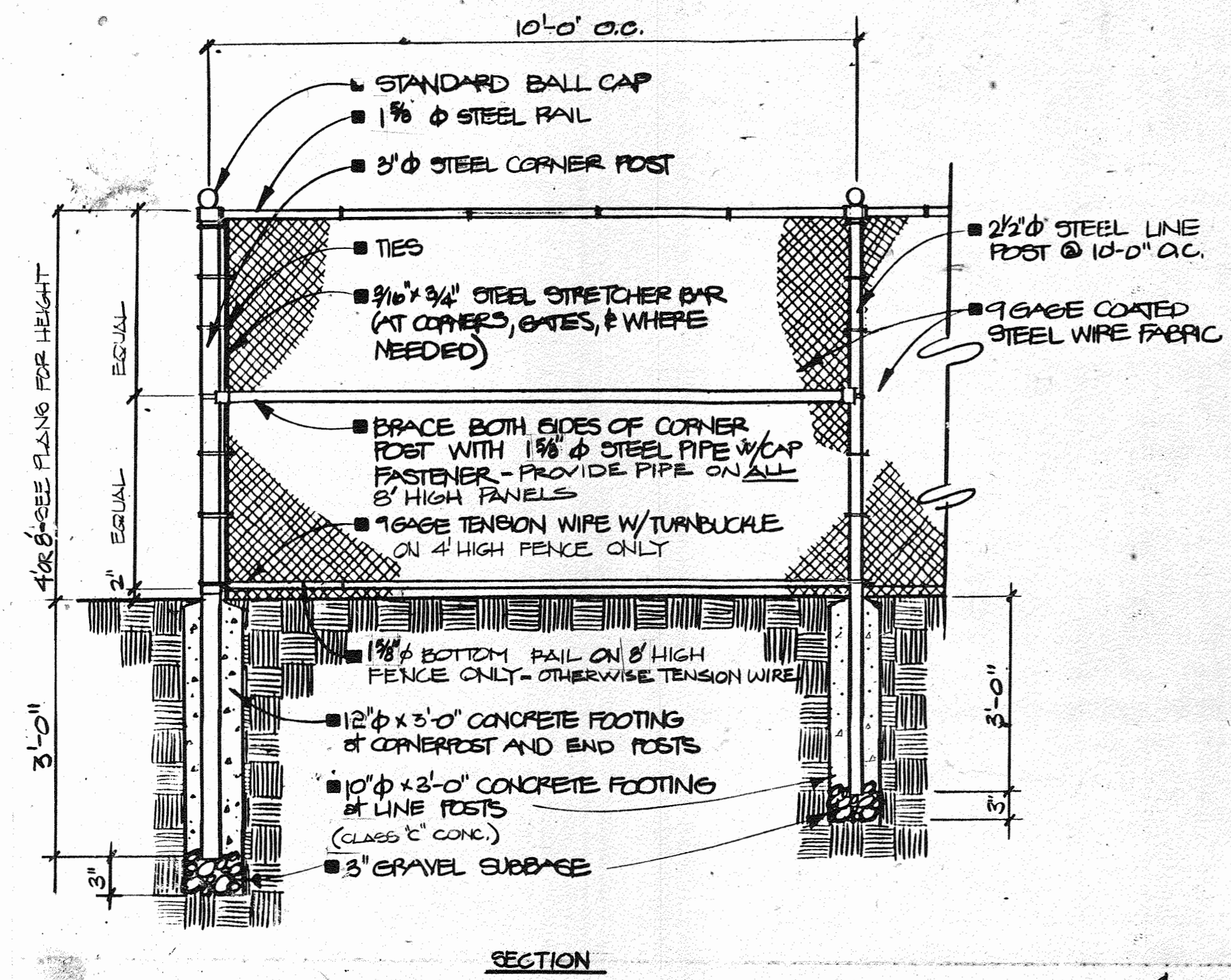
PROJECT NO. W-1913
 SHEET NO. 24 of 34
 DATE: MARCH, 1983

19471



PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 33772. EXPIRATION DATE: 06-16-83. FOR REV. NO. 3 ONLY

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-6-84



APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
DIRECTOR DATE 6-20-84

APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE 6-18-84

APPROVED: For Private Water and Private Sewerage Systems
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER DATE 5-22-84

APPROVED: Howard County Office of Planning and Zoning
PLANNING DIRECTOR DATE 9-25-84

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE 9-25-84

REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
2	PK			CRICKET FIELD	5/13/80
3	EWM			REV. EQUESTRIAN RING	4-17-73

SITE DETAILS

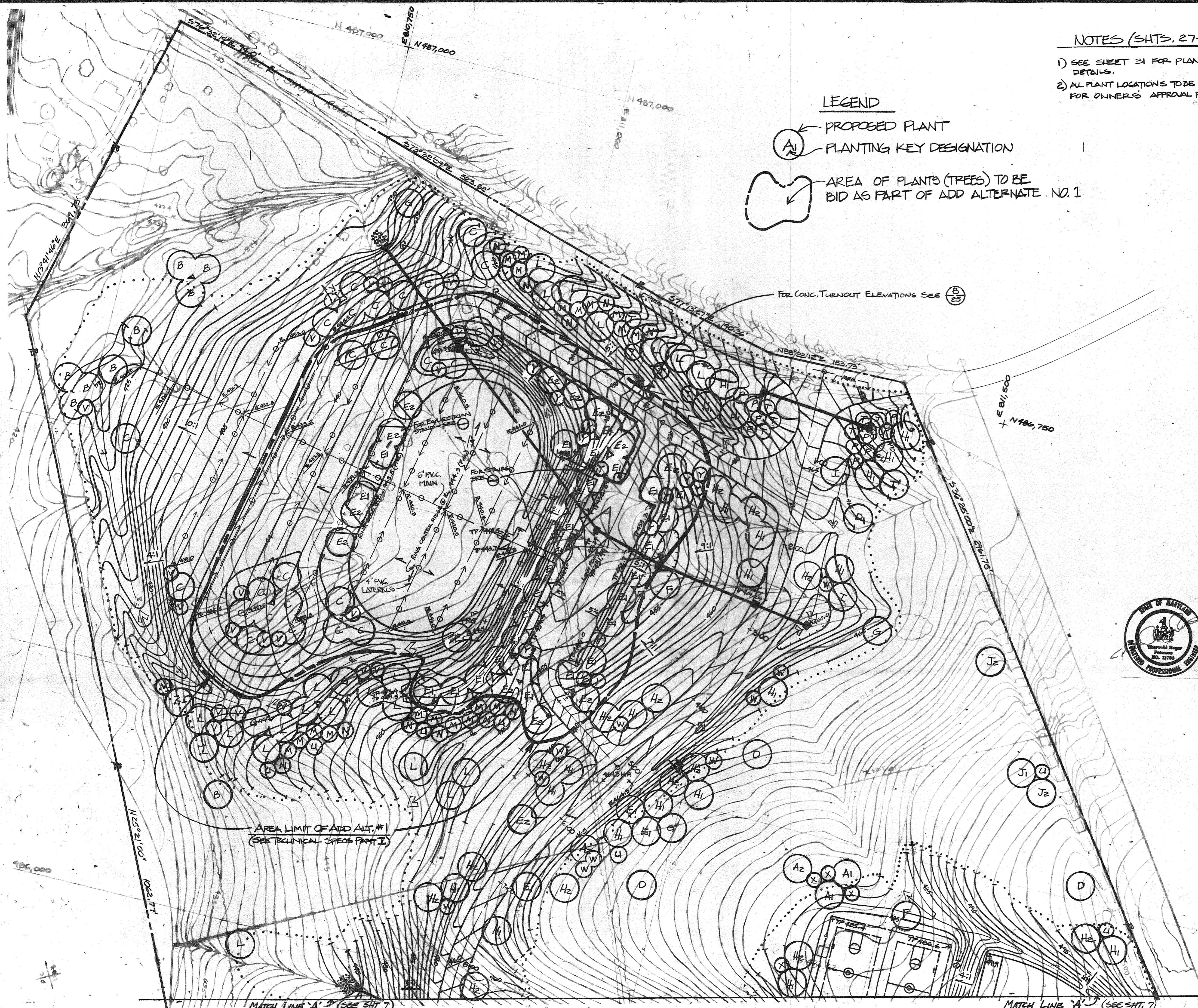
SCHOOLEY MILL PARK

PROJECT NO. W-1913
SHEET NO. 25 OF 33

DATE: MARCH, 1983

Booker
Engineers, Architects, Planners
1139 Olive
St. Louis, Missouri 63101

1241

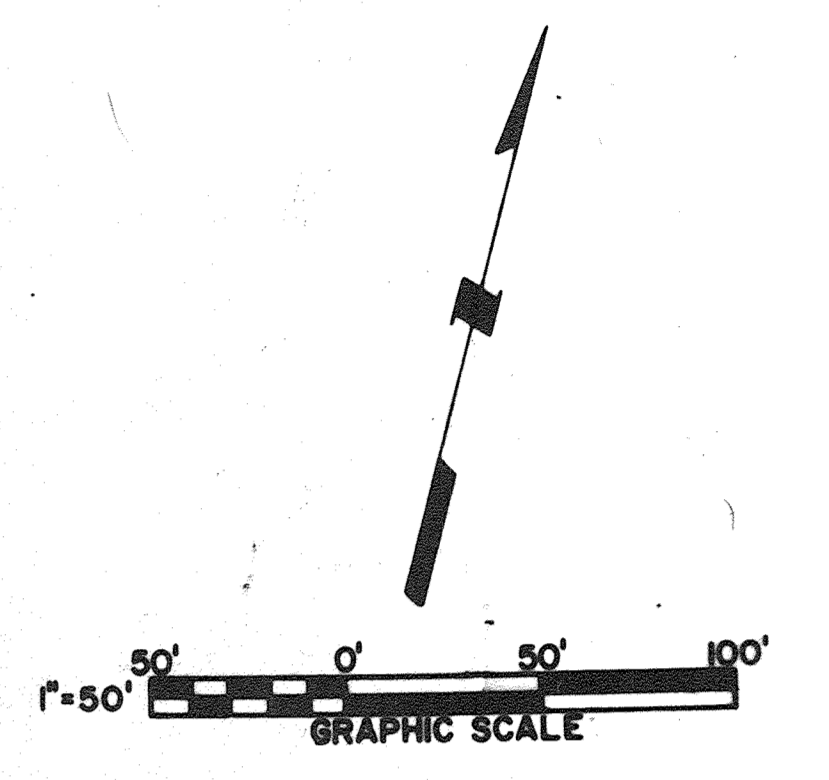


NOTES (SHTS. 27-30)

- 1) SEE SHEET 31 FOR PLANTING SCHEDULE & DETAILS.
- 2) ALL PLANT LOCATIONS TO BE FIELD STAKED FOR OWNER'S APPROVAL PRIOR TO PLANTING.

LEGEND

- ← PROPOSED PLANT
- (A1) PLANTING KEY DESIGNATION
- ⬇ AREA OF PLANTS (TREES) TO BE BID AS PART OF ADD ALTERNATE NO. 1



HOWARD COUNTY, MD DEPARTMENT OF PUBLIC WORKS FOR THE DEPARTMENT OF RECREATION & PARKS, 3430 COURT HOUSE DR., ELLICOTT CITY, MD, ELECTION DISTRICT NO. 5 (CENSUS TRACT 6051), TAX MAP NO. 40 LIBER 881, FOLIO, 483, PARCEL 113



APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
 10500 W. 11/20/83 6-20-84
 DIRECTOR DATE

APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 J. F. NUNN 6-18-84
 DIRECTOR DATE

APPROVED: For Private Water and Private Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
 J. W. G. 5-12-84
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning
 N/A
 PLANNING DIRECTOR DATE

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

2	PW	CRICKET FIELD	5/3/20
REV. NO.	DRAWN	CHKD.	APPD.
			DESCRIPTION
			DATE

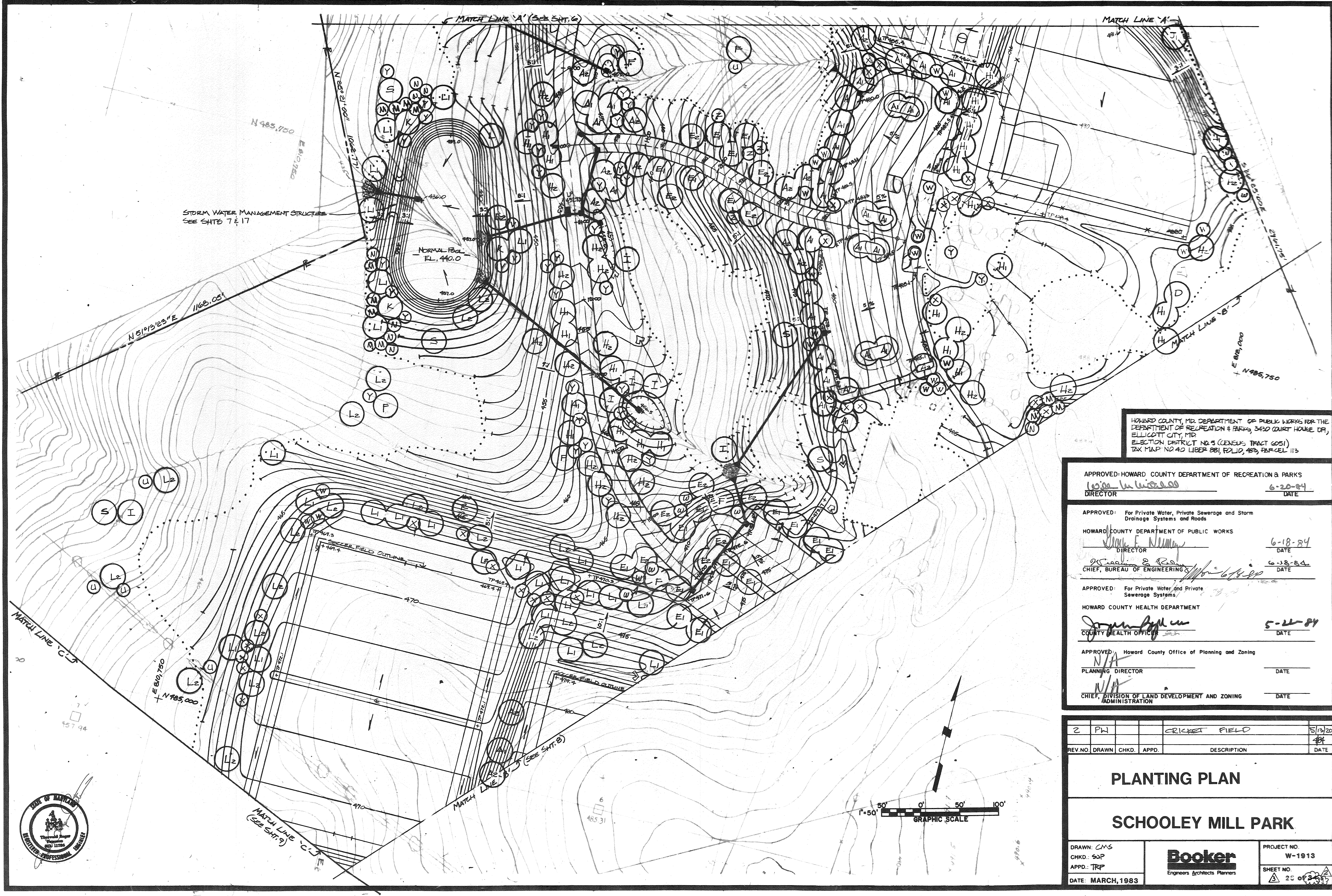
PLANTING PLAN
SCHOOLEY MILL PARK

DRAWN: CMS
 CHKD.: SP
 APPD.: TRP
 DATE: MARCH, 1983

Booker
 Engineers Architects Planners

PROJECT NO. W-1913
 SHEET NO. 27 of 33

1241



STORM WATER MANAGEMENT STRUCTURE
SEE SHTS 7 & 17

NORMAL PBL.
EL. 440.0

HOWARD COUNTY, MD. DEPARTMENT OF PUBLIC WORKS FOR THE
DEPARTMENT OF RECREATION & PARKS, 3430 COURT HOUSE DR.,
ELLICOTT CITY, MD.
ELECTION DISTRICT NO. 5 (CENSUS TRACT 6051)
TAX MAP NO. 40 LIBER 881, FOLIO, 483, PARCEL 113

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
W. Lee W. Winters 6-20-84
 DIRECTOR DATE

APPROVED: For Private Water, Private Sewerage and Storm
 Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John F. Nummy 6-18-84
 DIRECTOR DATE

APPROVED: For Private Water and Private
 Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
John P. ... 5-22-84
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning
 N/A
 PLANNING DIRECTOR DATE

APPROVED: N/A
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING
 ADMINISTRATION DATE

2	PH		CRICKET FIELD	5/13/20	
REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE

PLANTING PLAN

SCHOOLEY MILL PARK

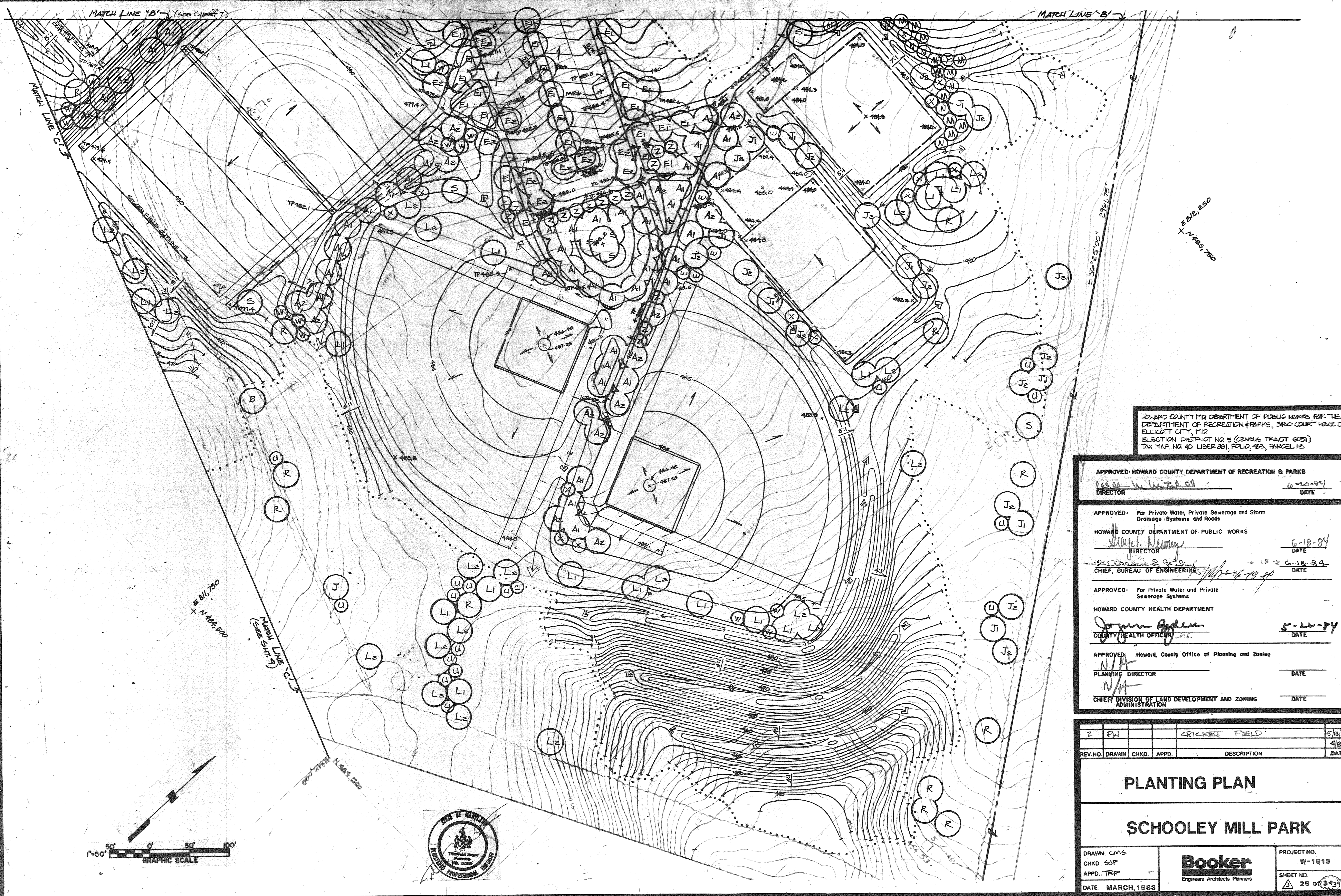
DRAWN: CMS
 CHKD.: SSP
 APPD.: TRP
 DATE: MARCH, 1983



PROJECT NO.
W-1913
 SHEET NO.
25 OF 25



1471



HOWARD COUNTY MD DEPARTMENT OF PUBLIC WORKS FOR THE DEPARTMENT OF RECREATION & PARKS, 3420 COURT HOUSE DR. ELLICOTT CITY, MD ELECTION DISTRICT NO. 5 (GENUS TRACT 6051) TAX MAP NO. 40 LIBER 881, FOLIO 463, PARCEL 115

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
[Signature]
 DIRECTOR DATE 6-20-84

APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature]
 DIRECTOR DATE 6-18-84

[Signature]
 CHIEF, BUREAU OF ENGINEERING DATE 6-18-84

APPROVED: For Private Water and Private Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
[Signature]
 COUNTY HEALTH OFFICER DATE 5-26-84

APPROVED: Howard County Office of Planning and Zoning
 N/A
 PLANNING DIRECTOR DATE
 N/A
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

2	SW	CRICKET FIELD	5/18/80
REV. NO.	DRAWN	CHKD.	APPD.
			DESCRIPTION
			DATE

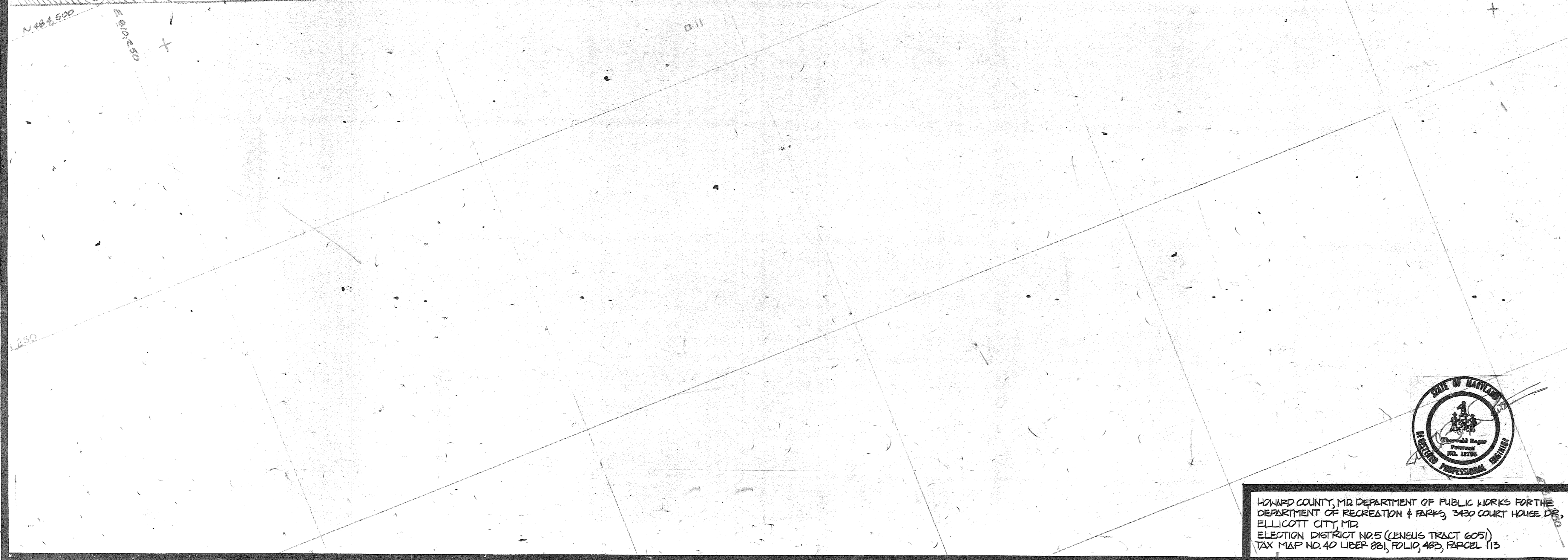
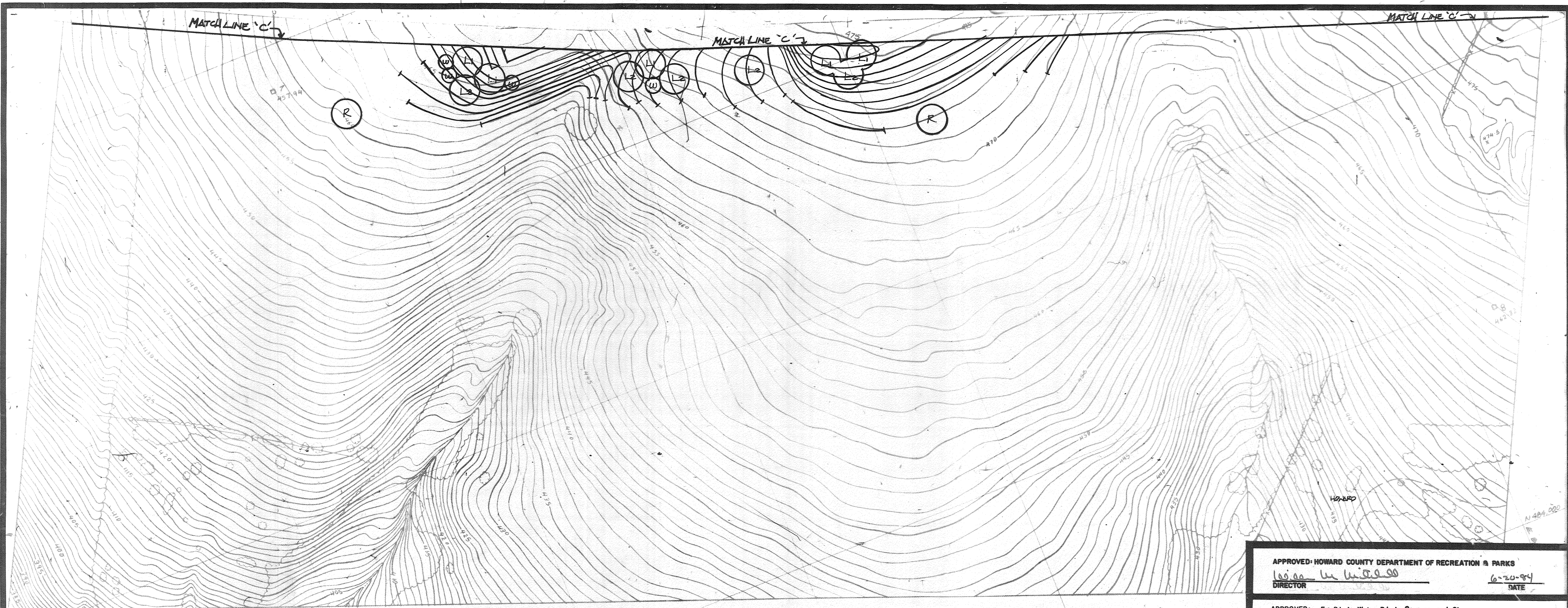
PLANTING PLAN
SCHOOLEY MILL PARK

DRAWN: CMS
 CHKD.: SSP
 APPD.: TRP
 DATE: MARCH, 1983

Booker
 Engineers Architects Planners

PROJECT NO. W-1913
 SHEET NO. 29 of 3433

1241



APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
W. G. ... 6-20-84
 DIRECTOR DATE

APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
... 6-18-84
 DIRECTOR DATE

... 6-18-84
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: For Private Water and Private Sewerage Systems
HOWARD COUNTY HEALTH DEPARTMENT
... 5-22-84
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning
 N/A
 PLANNING DIRECTOR DATE

APPROVED: Howard County Office of Planning and Zoning
 N/A
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
2	PW			CRICKET FIELD	5/3/20
					4/84

PLANTING PLAN

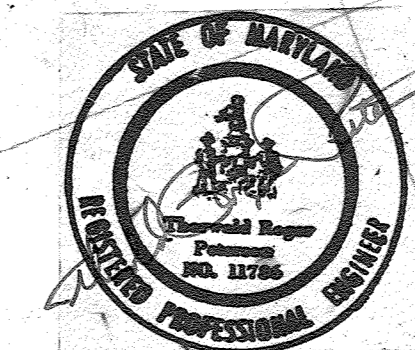
SCHOOLLEY MILL PARK

DRAWN: CMS
 CHKD.: SYP
 APPD.: TRP
 DATE: MARCH, 1983

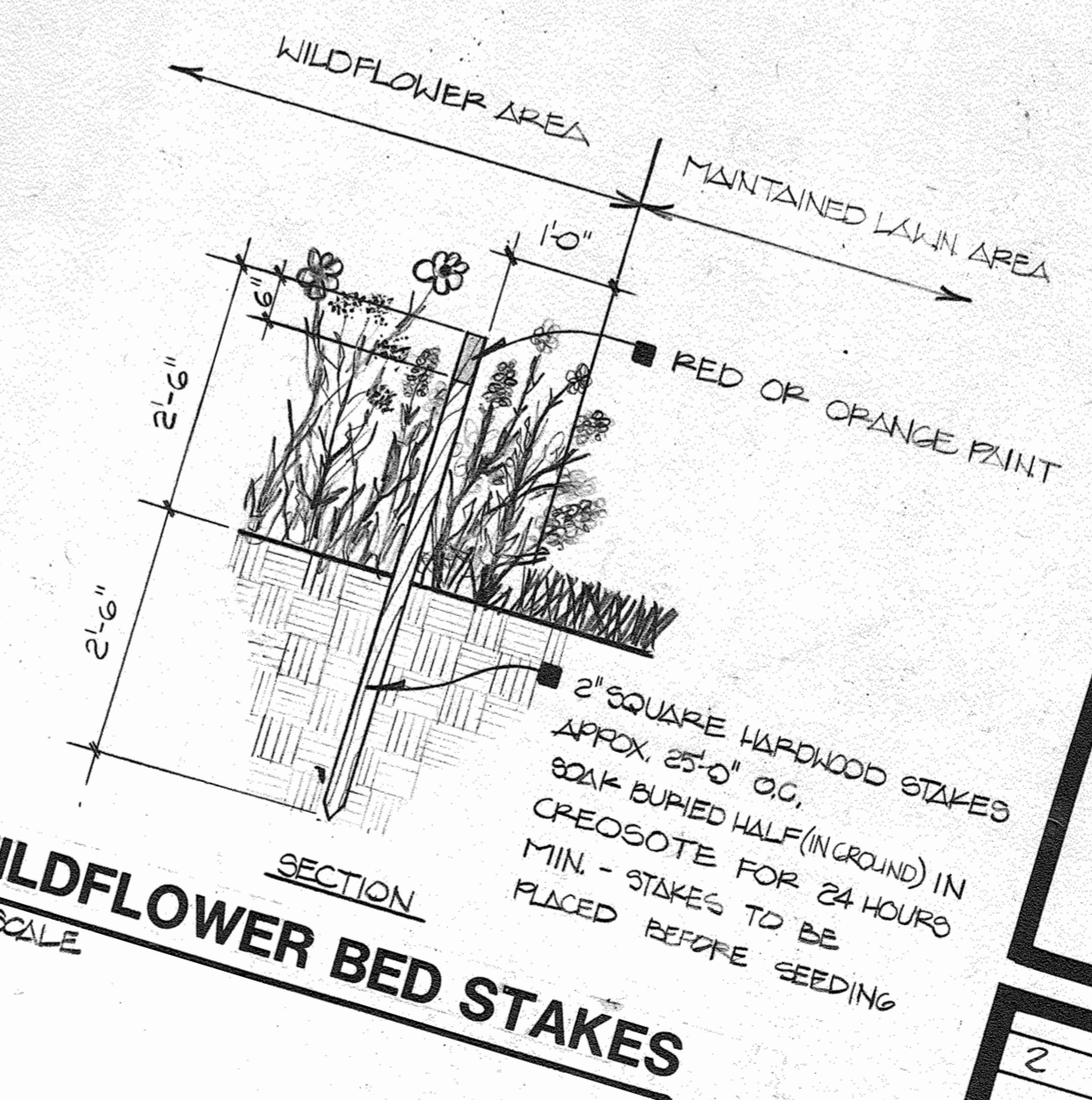
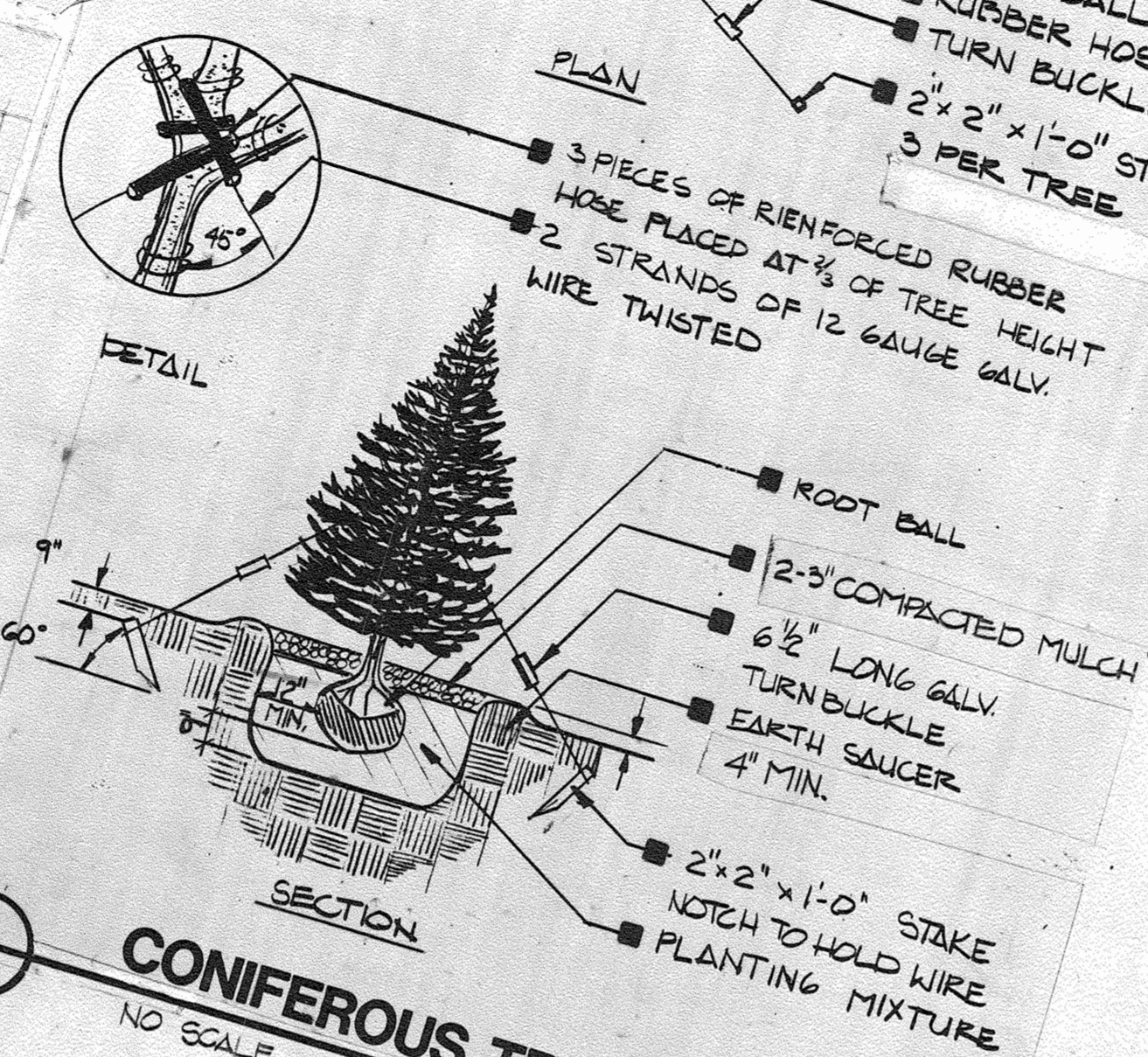
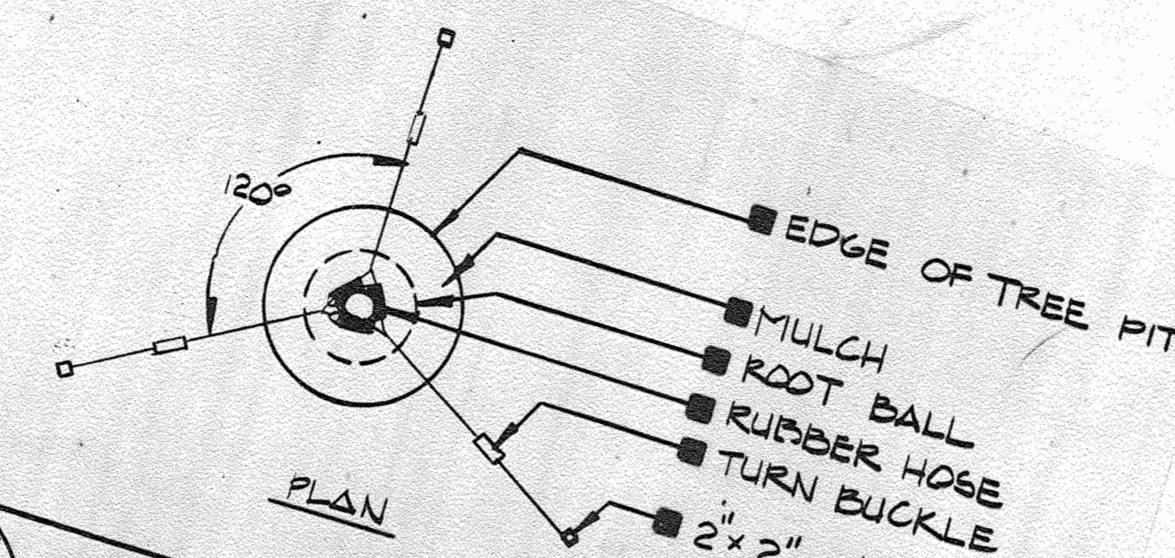
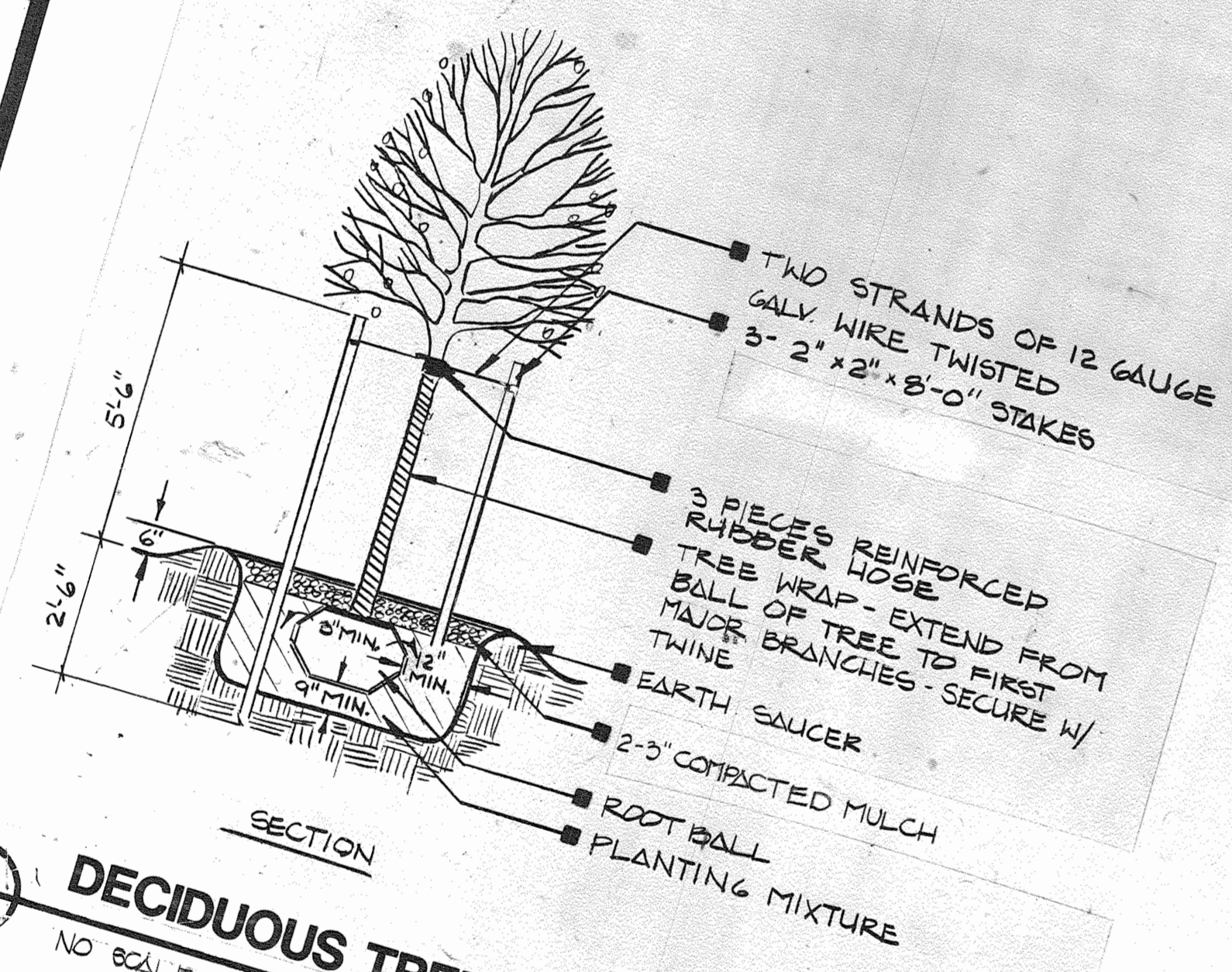
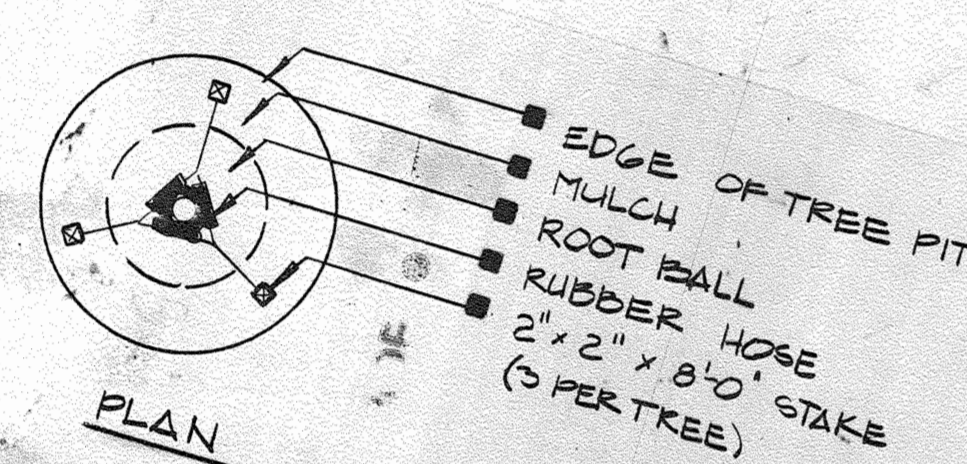
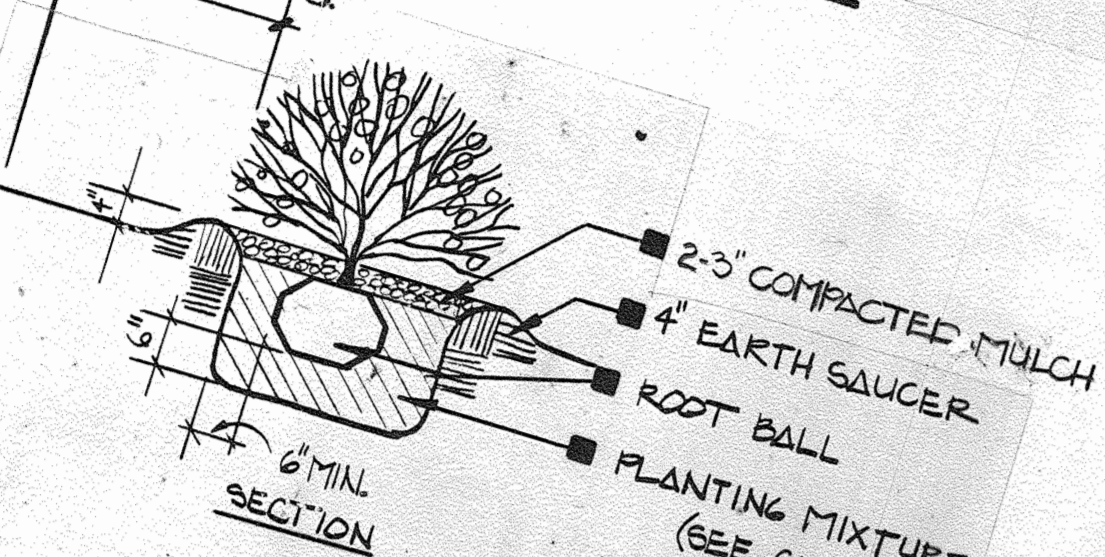
Booker
 Engineers Architects Planners

PROJECT NO. W-1913
 SHEET NO. 30 of 33

HOWARD COUNTY, MD DEPARTMENT OF PUBLIC WORKS FOR THE DEPARTMENT OF RECREATION & PARKS, 3430 COURT HOUSE DR., ELLICOTT CITY, MD, ELECTION DISTRICT NO. 5 (CENSUS TRACT 6051), TAX MAP NO. 40 LIBER 881, FOLIO 482, PARCEL 113



12A1



KEY		PLANT SCHEDULE		BASE BID PROPOSAL	ADD. ALT. NO. 1
KEY	COMMON NAME/SCIENTIFIC NAME	SIZE	COND.	QUANT.	QUANT.
A1	GREENSPIRE LITTLELEAF LINDEN/Tilia cordata 'Greenspire'	2-2 1/2"	BB	73	-
A2	GREENSPIRE LITTLELEAF LINDEN/Tilia cordata 'Greenspire'	1 1/2-2"	BB	35	-
B	SWEETGUM/Liquidambar styraciflua	2 1/2-3"	BB	10	-
C	LONDON PLANETREE/Platanus acerifolia	1 1/2-2"	BB	10	-
D	AMERICAN BEECH/Fagus grandifolia	2-2 1/2"	BB	5	16
E1	MARSHALL'S SEEDLESS ASH/Fraxinus pennsylvanica 'Marshall's'	1 1/2-2"	BB	21	-
E2	MARSHALL'S SEEDLESS ASH/Fraxinus pennsylvanica 'Marshall's'	2-2 1/2"	BB	44	-
F	WHITE ASH/Fraxinus americana 'Rosehill'	1 1/2-2"	BB	21	30
G	BLACK WALNUT/Juglans nigra	2-2 1/2"	BB	8	12
H1	GREEN MOUNTAIN SUGAR MAPLE/Acer saccharum 'Green Mountain'	1 1/2-2"	BB	4	-
H2	MORAIN HONEY LOCUST/Gleditsia triacanthos 'Moraine'	2-2 1/2"	BB	6	-
I	OCTOBER GLORY MAPLE/Acer rubrum 'October Glory'	1 1/2-2"	BB	8	-
J1	MORAIN HONEY LOCUST/Gleditsia triacanthos 'Moraine'	2-2 1/2"	BB	45	-
J2	PIN OAK/Quercus palustris	2-2 1/2"	BB	33	-
K	EASTERN WHITE PINE/Pinus strobus	1 1/2-2"	BB	9	-
L1	NORWAY SPRUCE/Picea abies	1 1/2-2"	BB	11	-
L2	SILVER LINDEN/Tilia tomentosa	2-2 1/2"	BB	18	-
M	WASHINGTON HAWTHORN/Crataegus phaenopyrum	1 1/2-2"	BB	3	-
N	COCKSPUR HAWTHORN/Crataegus crusgalli	4-5'	BB	55	-
P	SHADBLow SERVICEBERRY/Amelanchier canadensis	3-4'	BB	60	-
R	AMERICAN BEAUTY CRAB/Malus 'American Beauty'	4-5'	BB	42	-
S	SNOW CLOUD CRAB/Malus 'Snowcloud'	1 1/2-2"	BB	26	-
T	WHITE FLOWERING DOGWOOD/Cornus Florida	1 1/2-2"	BB	10	-
U	EASTERN REDBUD/Cercis canadensis	6-8'	BB	24	-
V	EASTERN REDBUD/Cercis canadensis	6-8'	BB	12	-
W	EASTERN REDBUD/Cercis canadensis	6-8'	BB	10	-
X	EASTERN REDBUD/Cercis canadensis	6-8'	BB	29	-
Y	EASTERN REDBUD/Cercis canadensis	6-8'	BB	19	-
Z	EASTERN REDBUD/Cercis canadensis	6-8'	BB	60	-
				45	-
				19	-
				20	-
				14	-

Howard County, MD, Department of Public Works for the Department of Recreation and Parks, 3430 Court House Drive, Ellicott City, MD
 Election District No. 5 (Census Tract 6051)
 Tax Map No. 40
 Liber 881, Folio, 483, Parcel 113

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
 6-20-84 DATE

APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 6-20-84 DATE

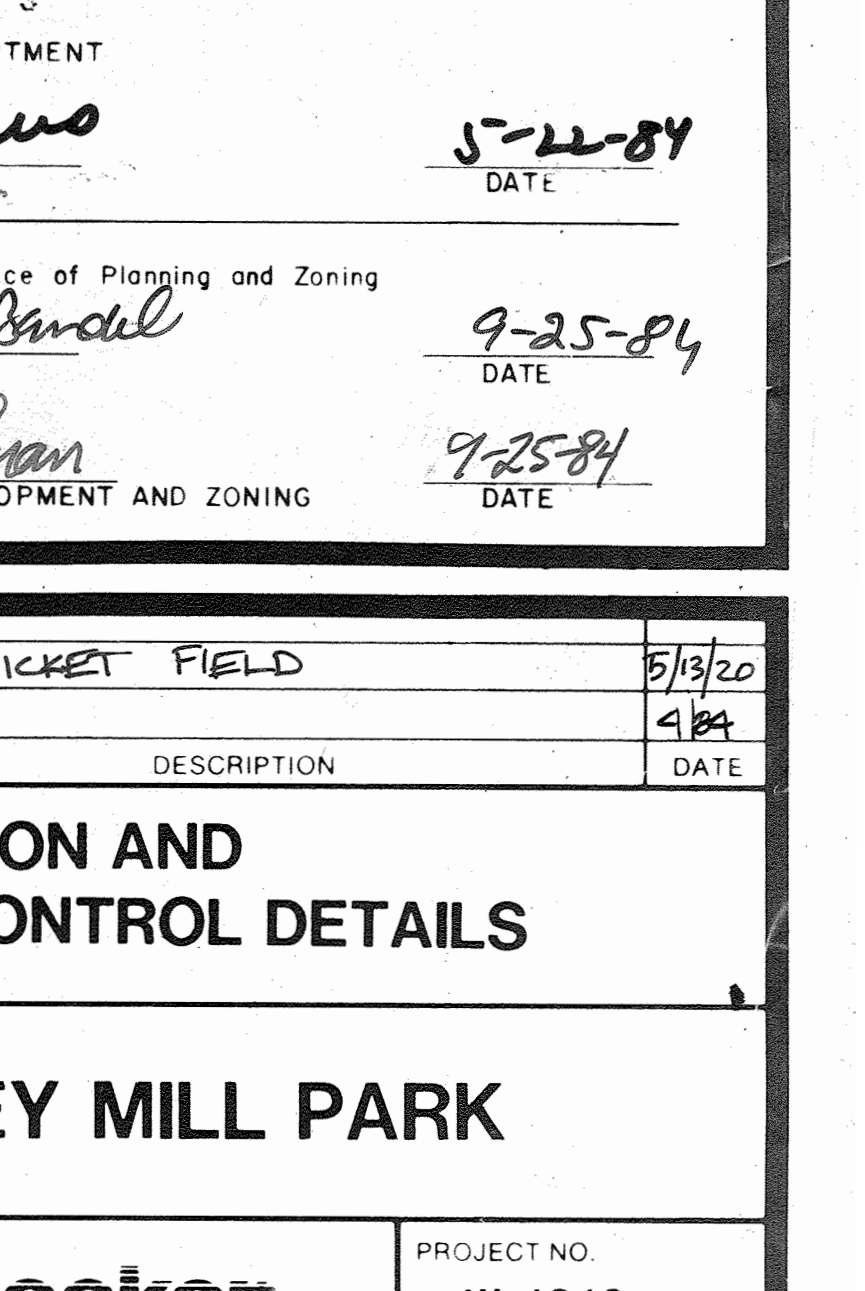
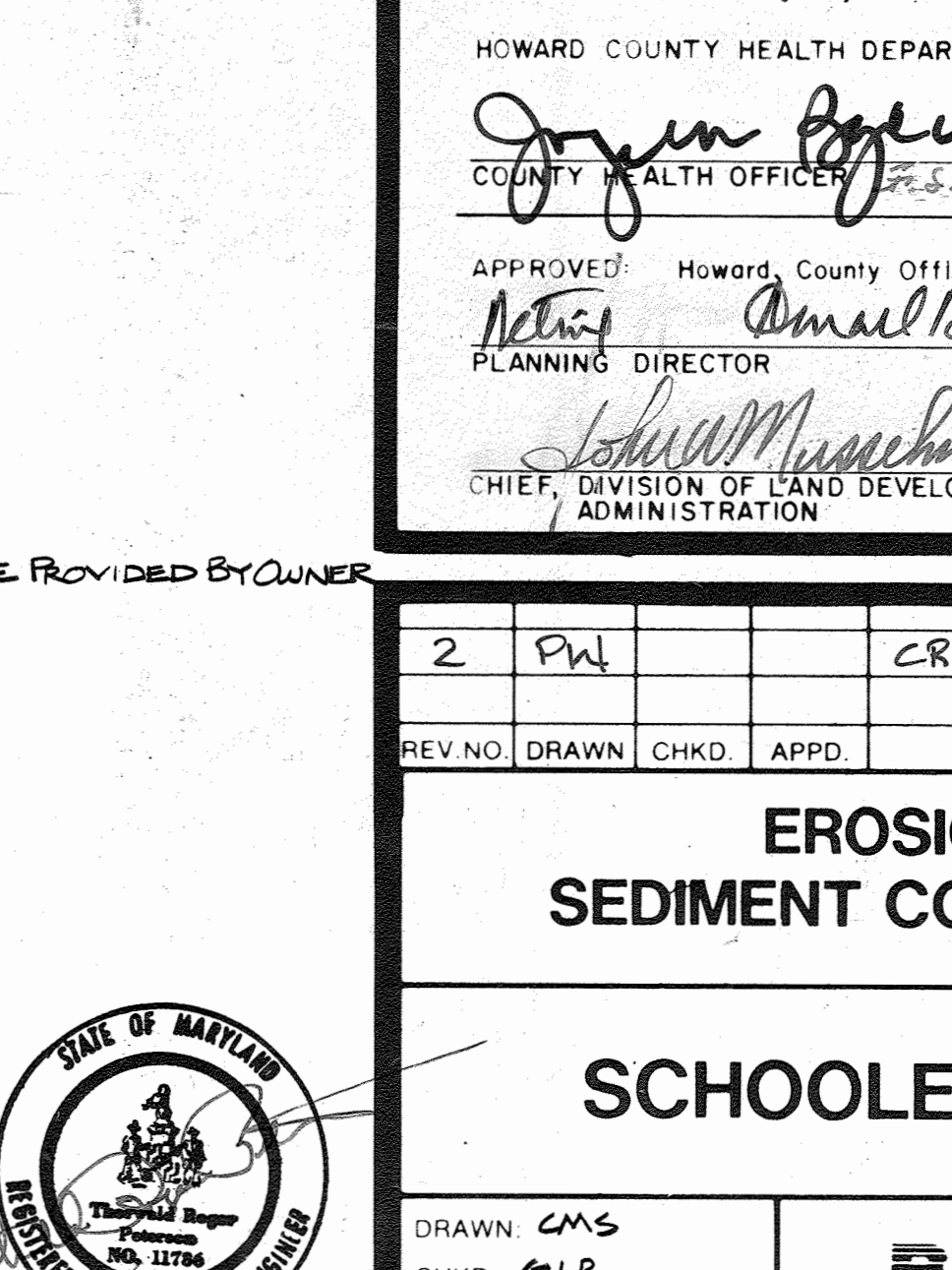
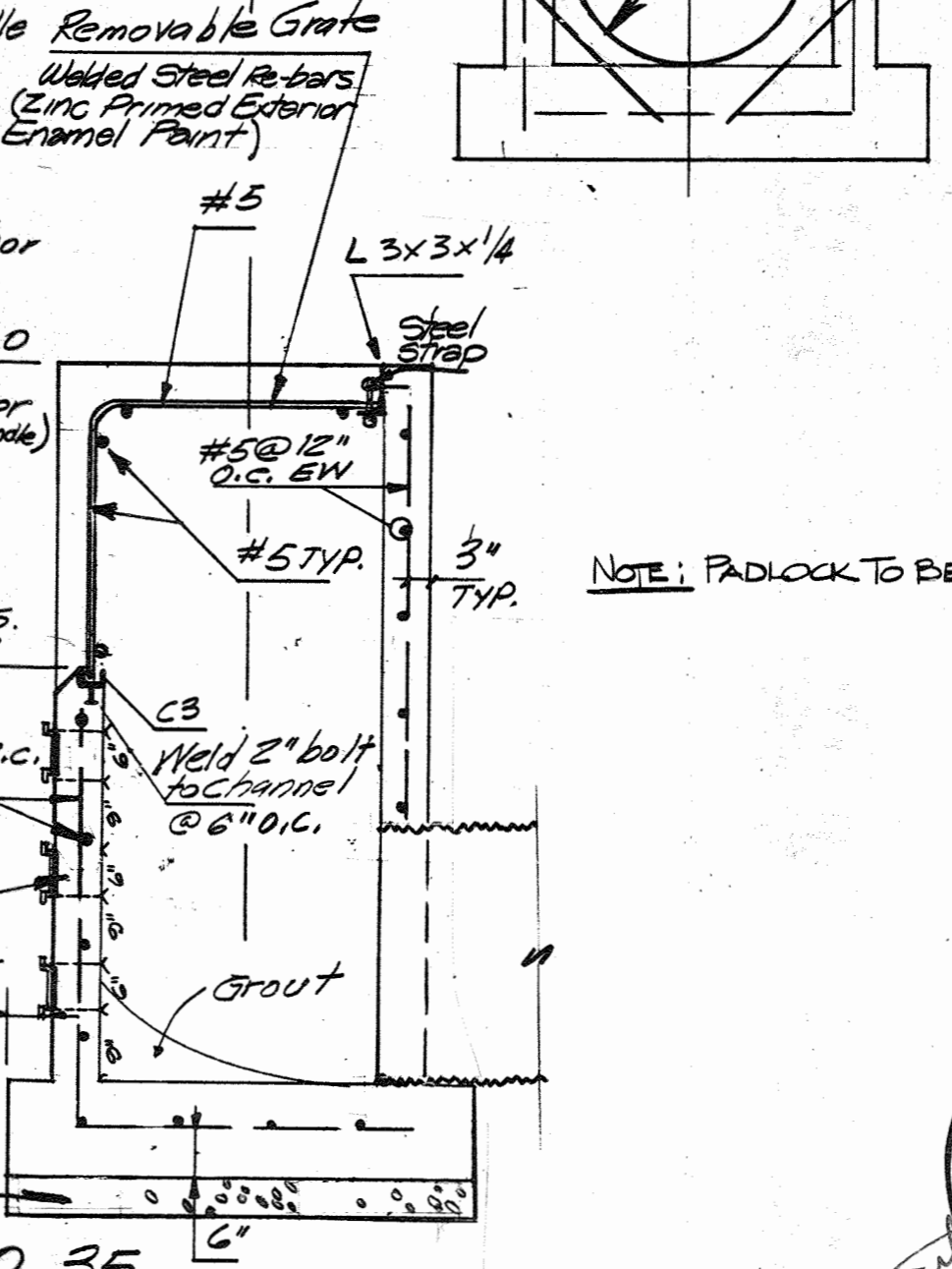
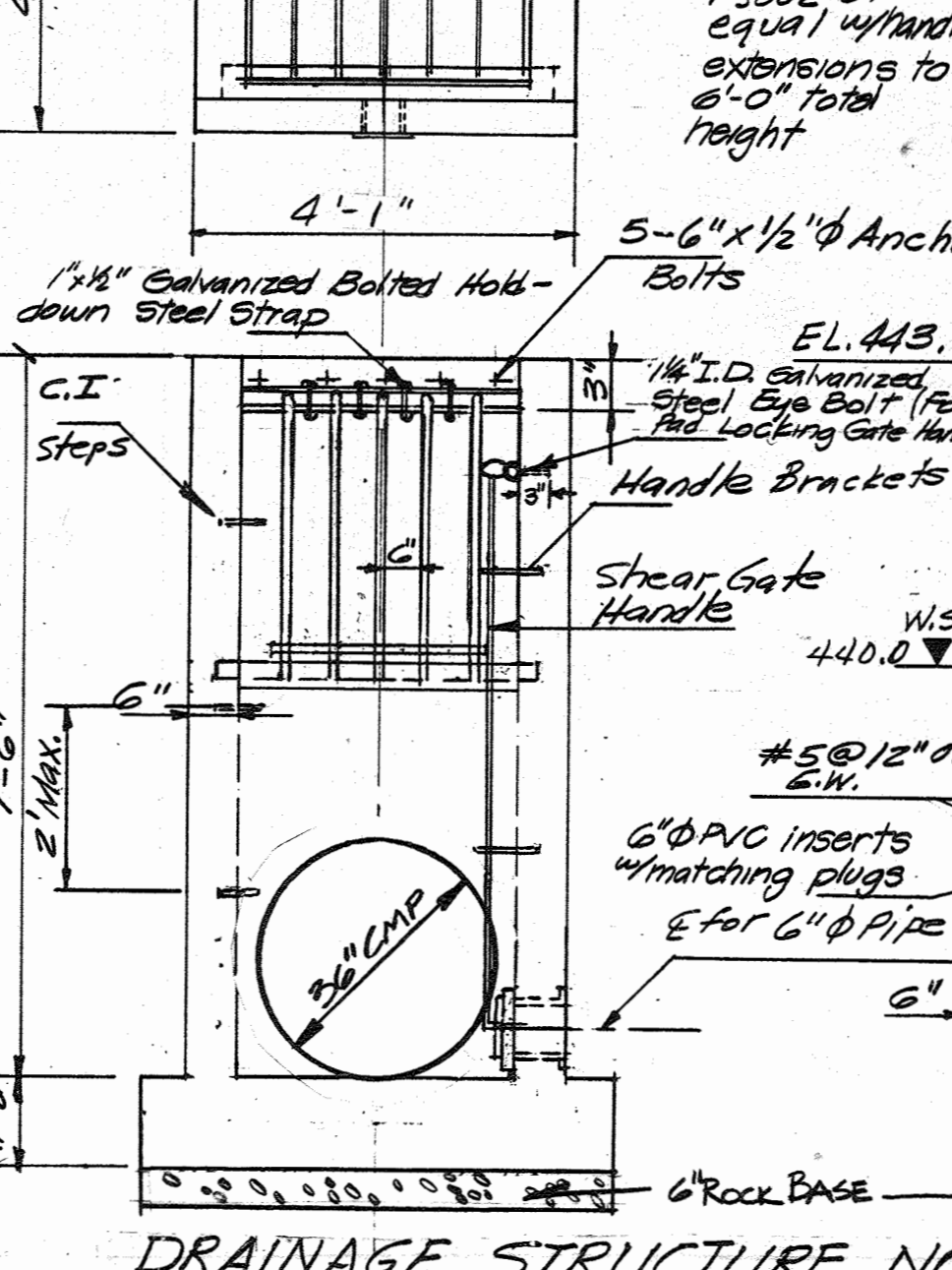
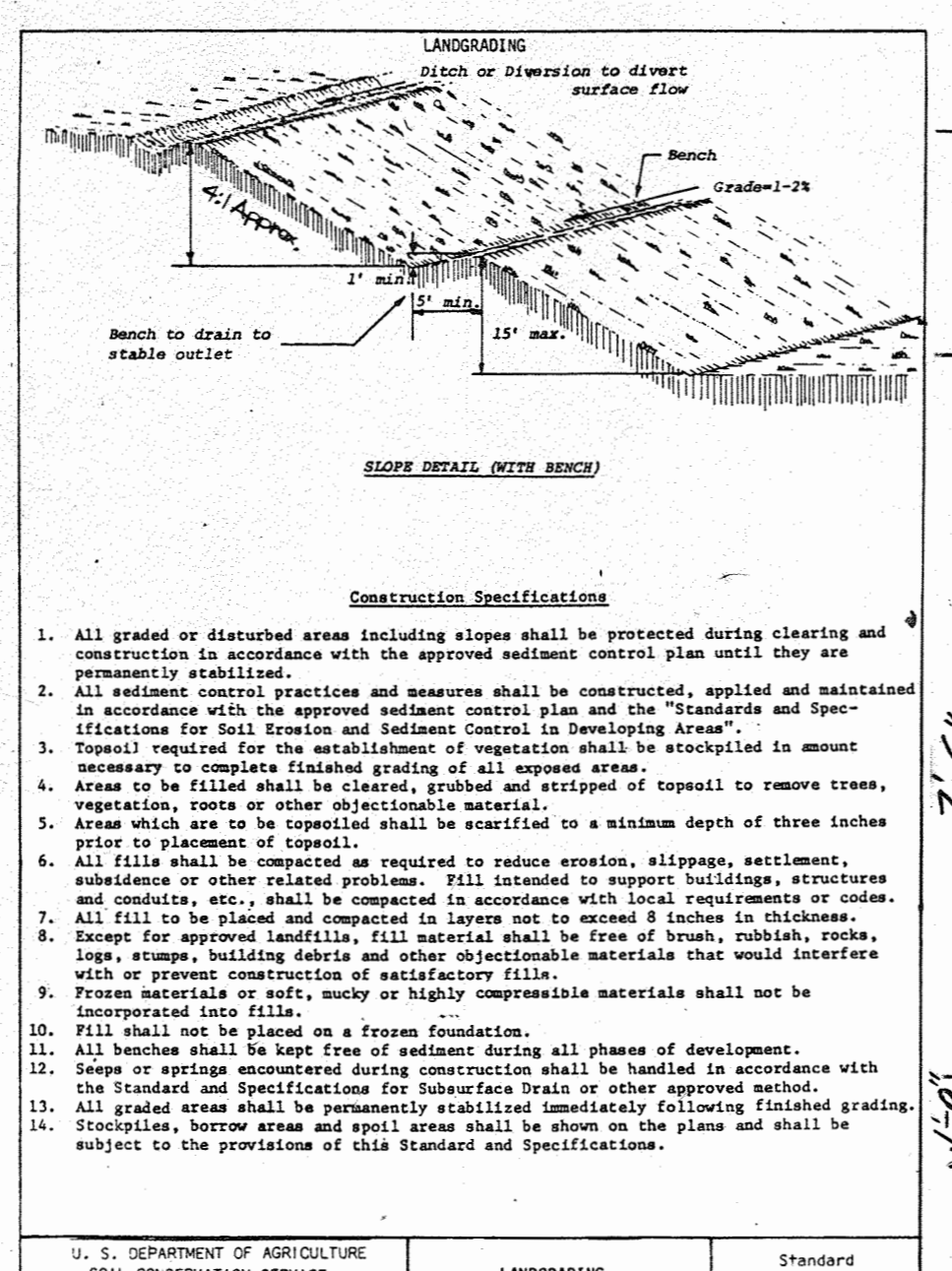
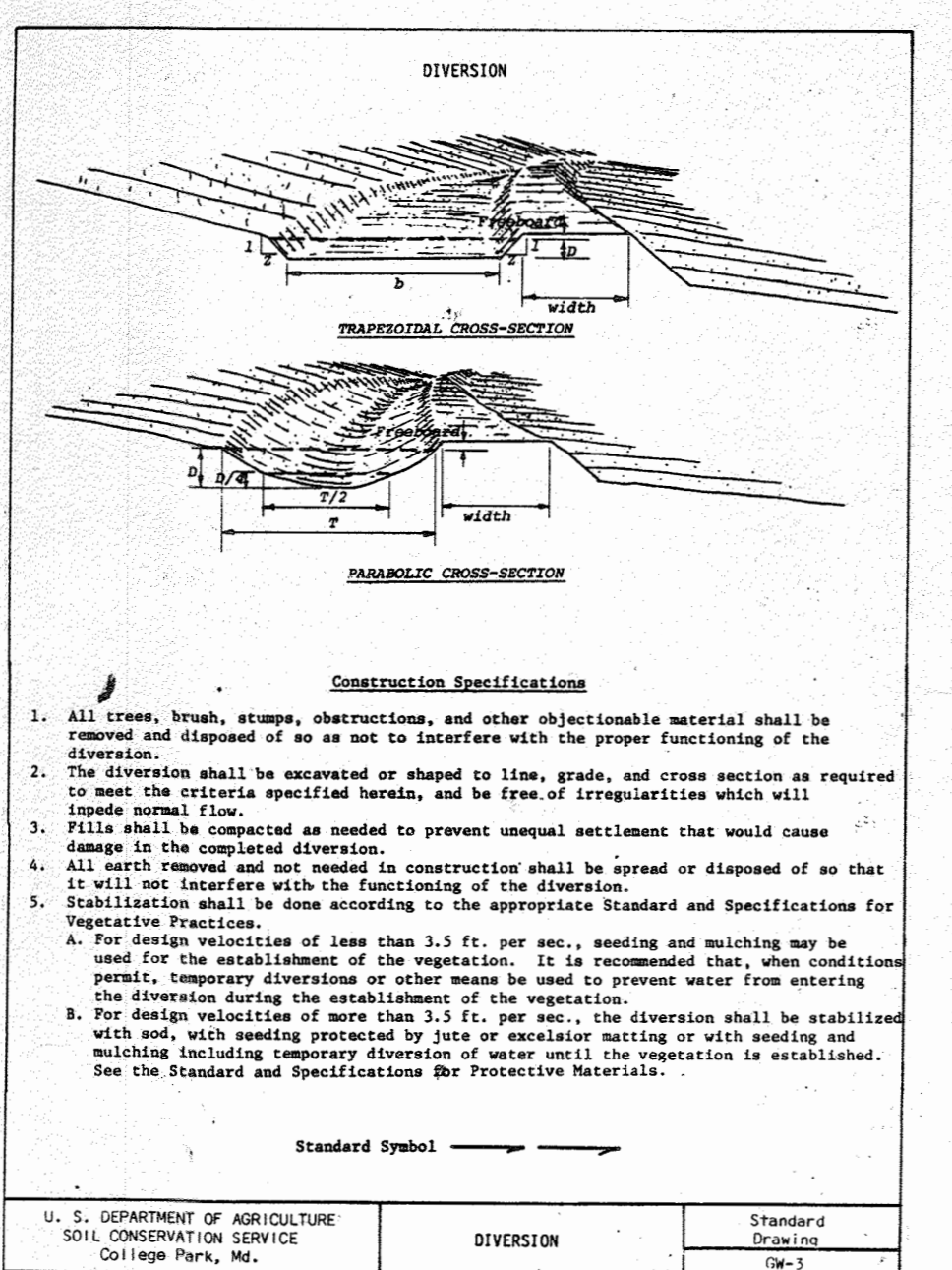
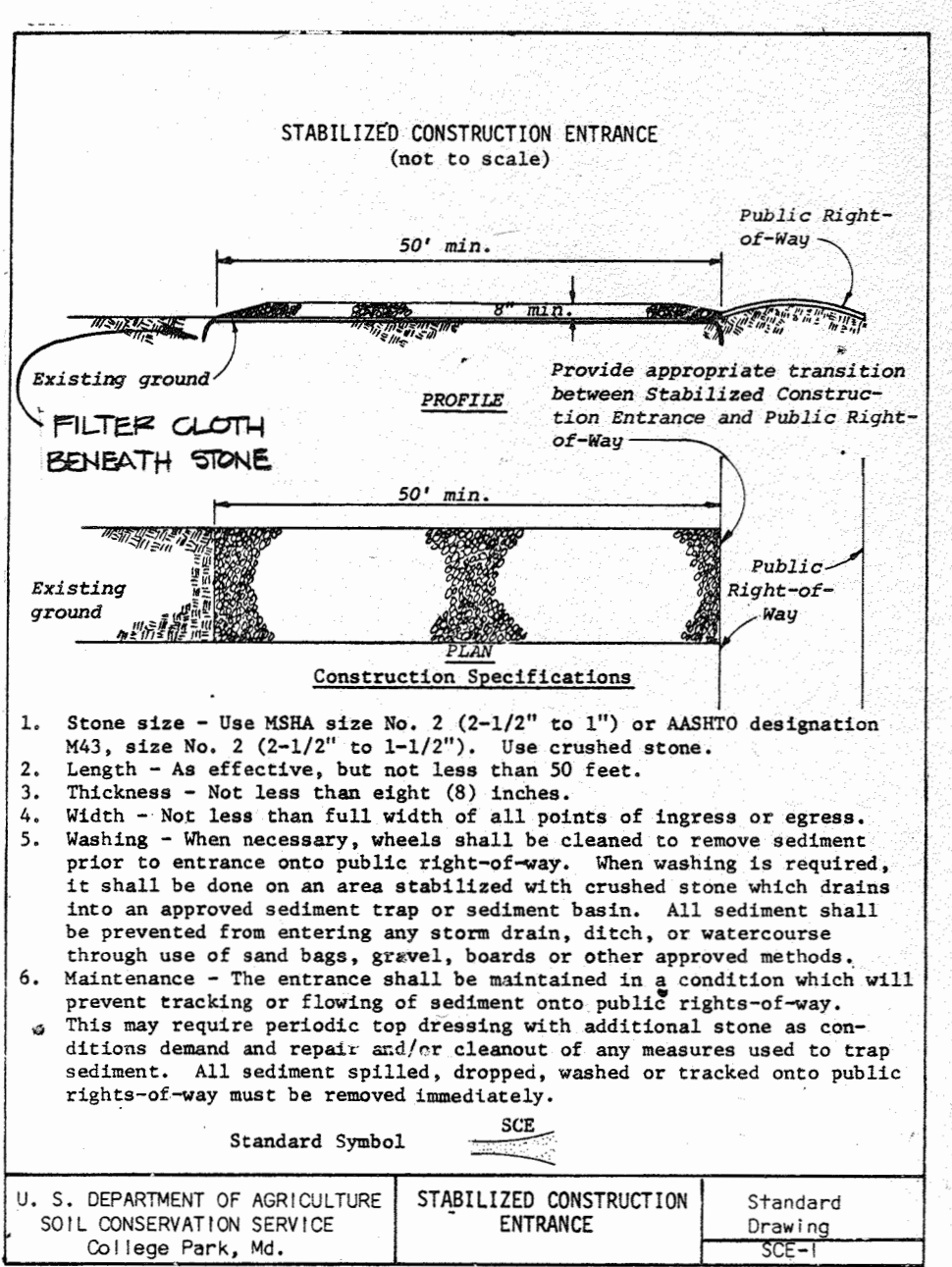
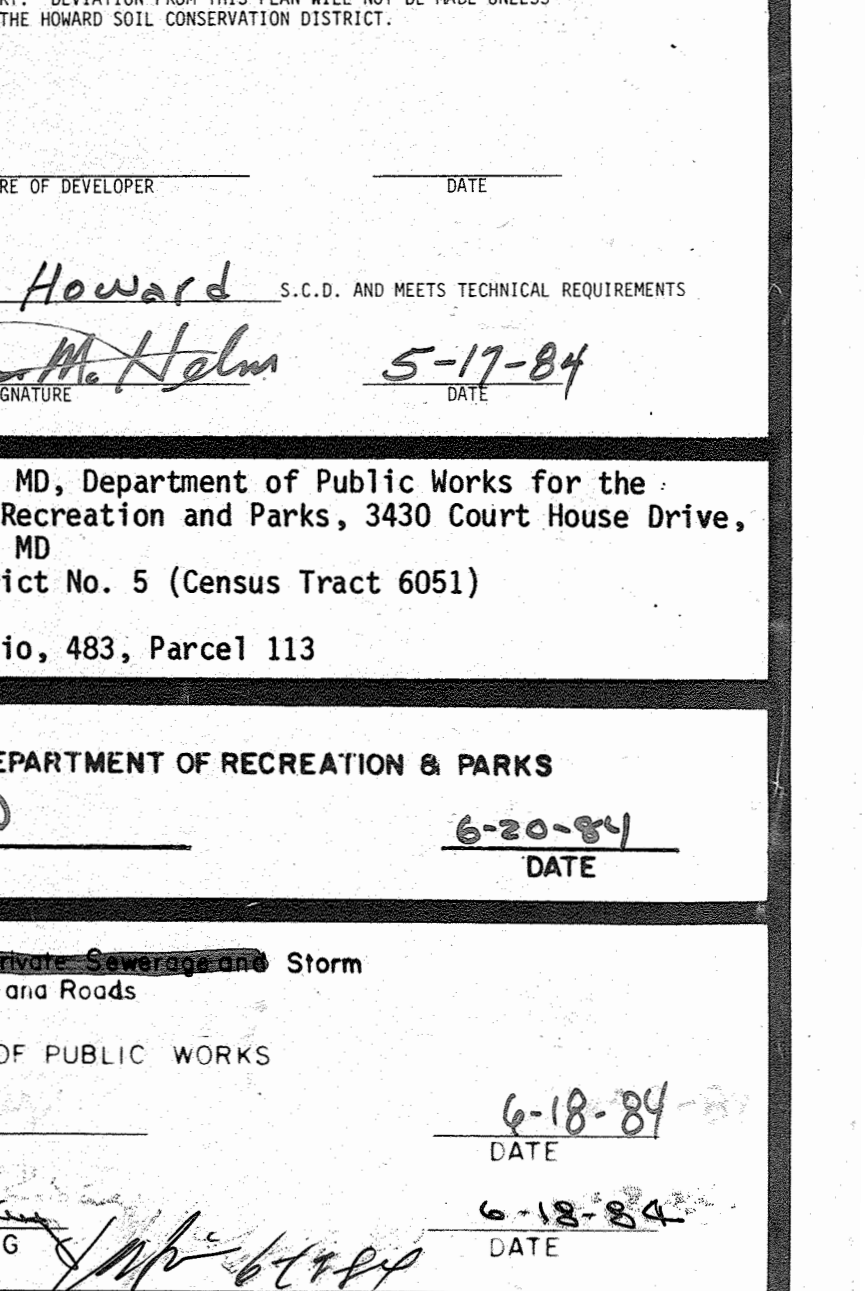
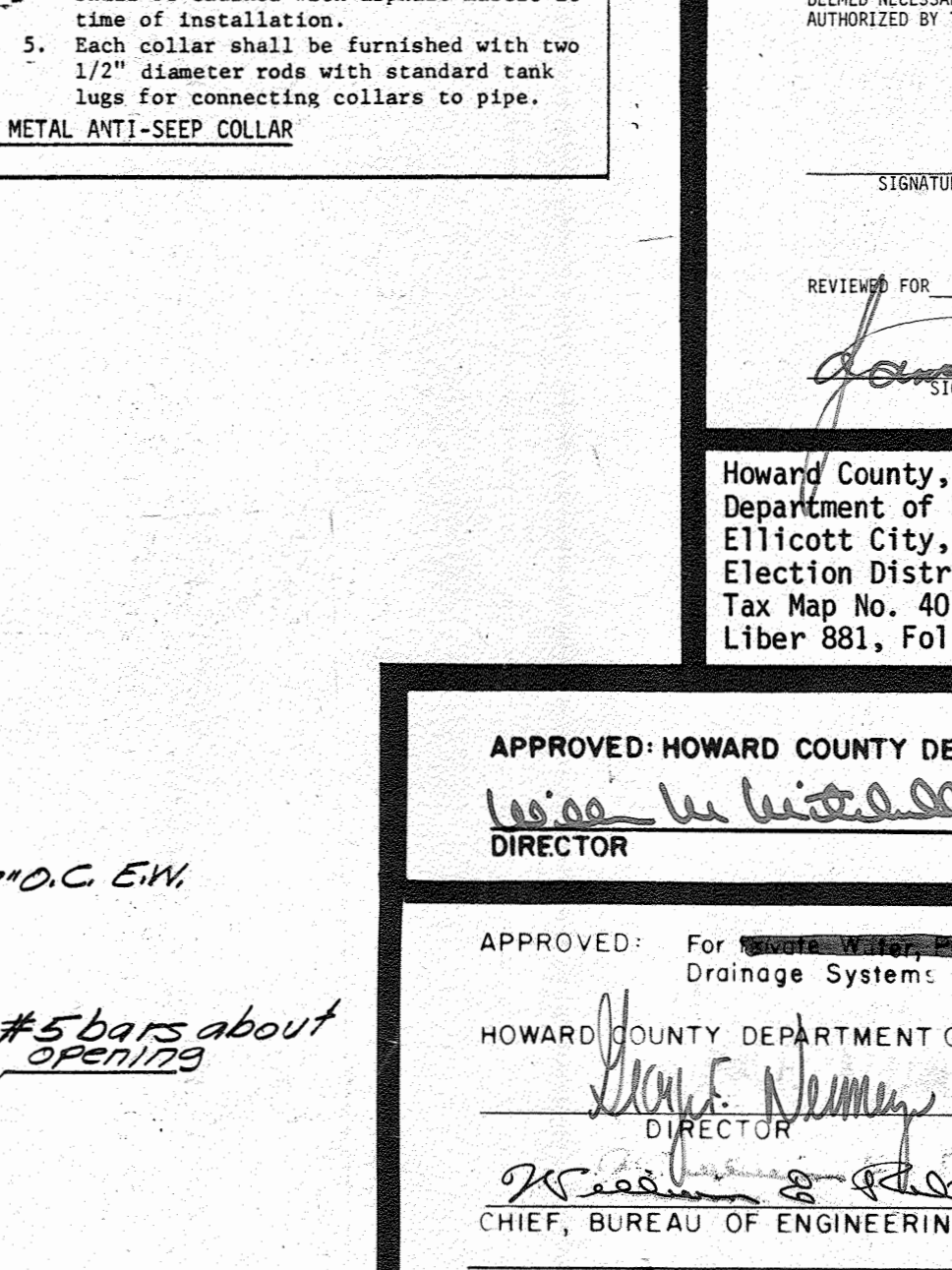
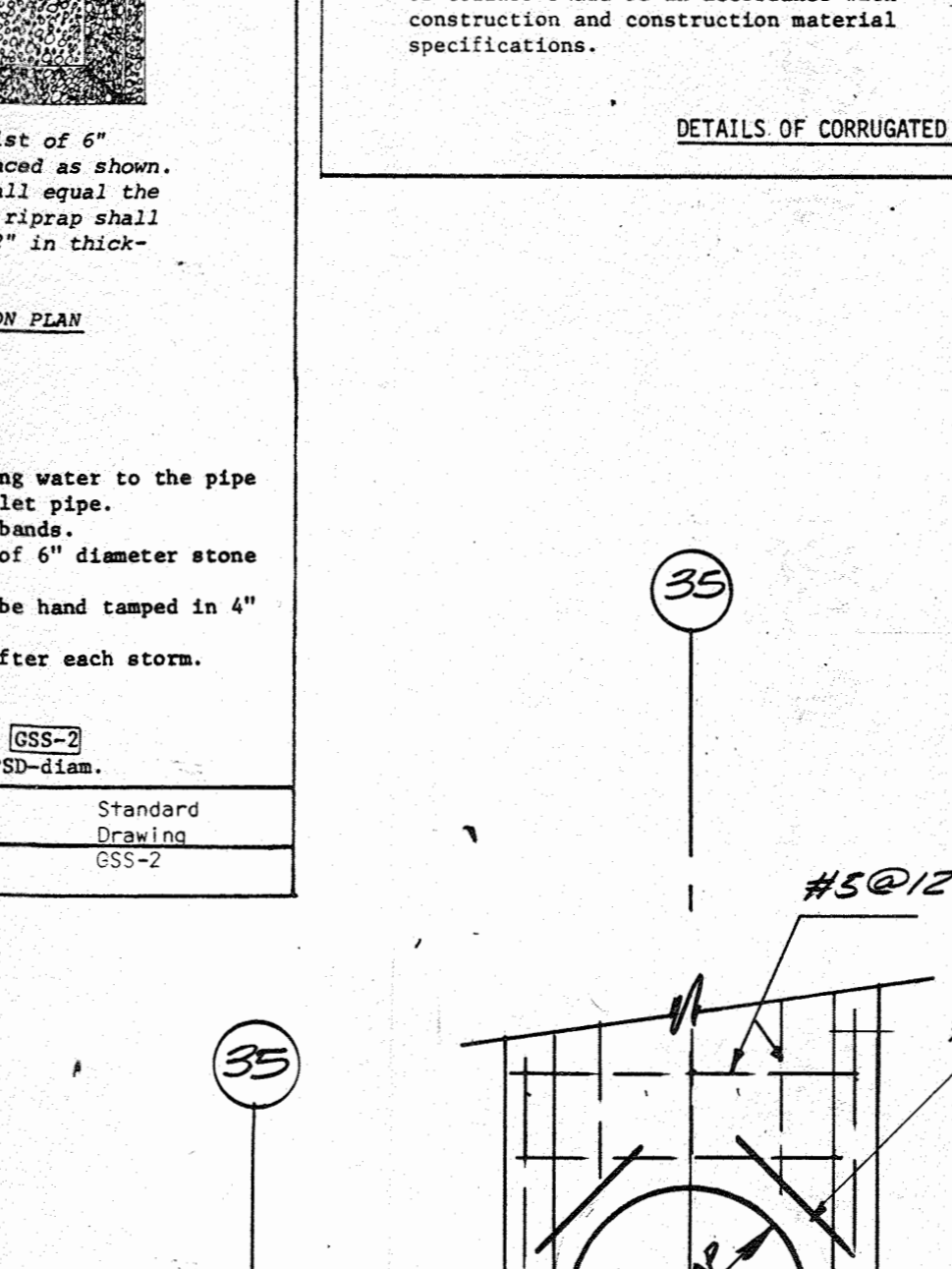
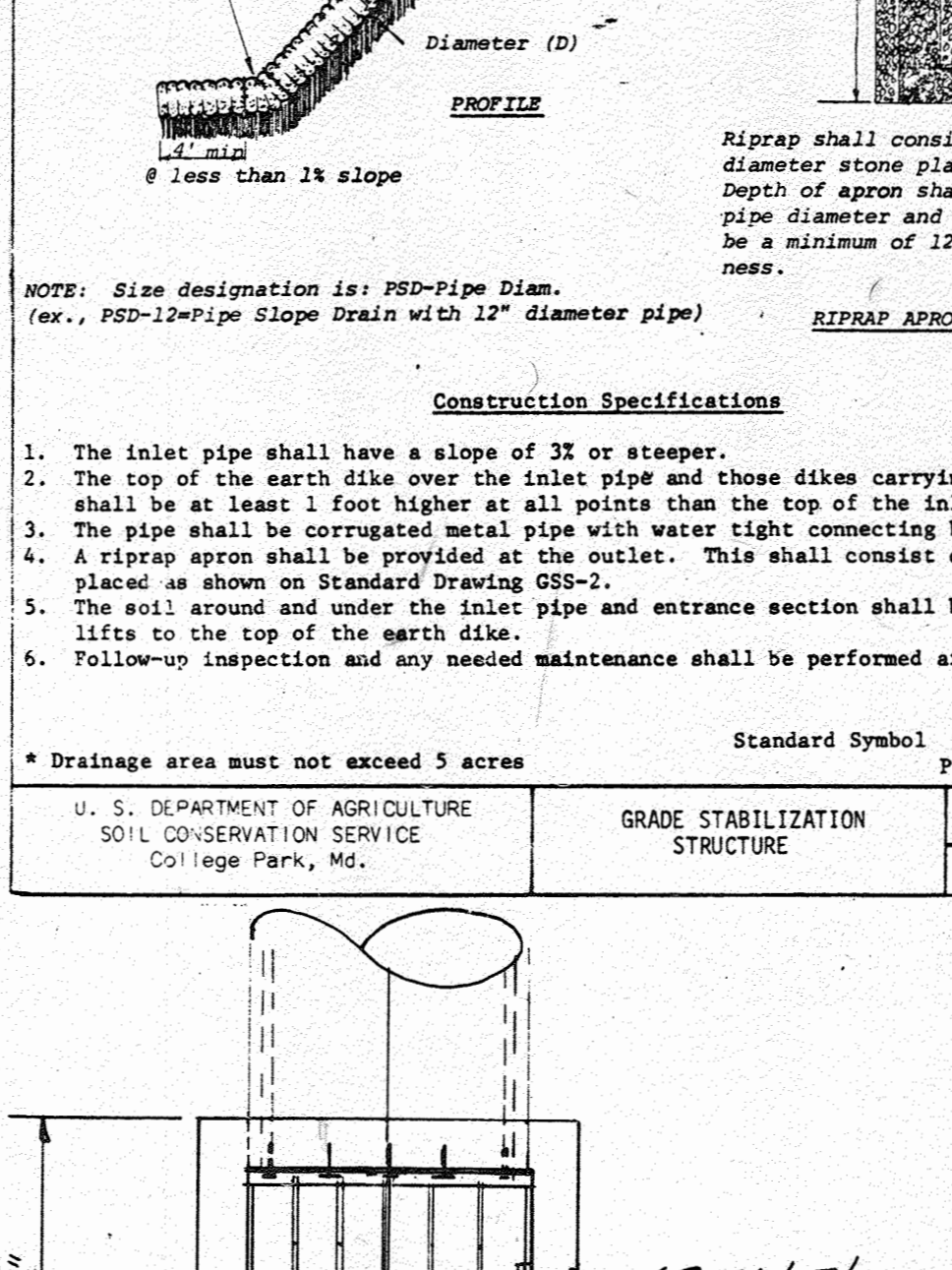
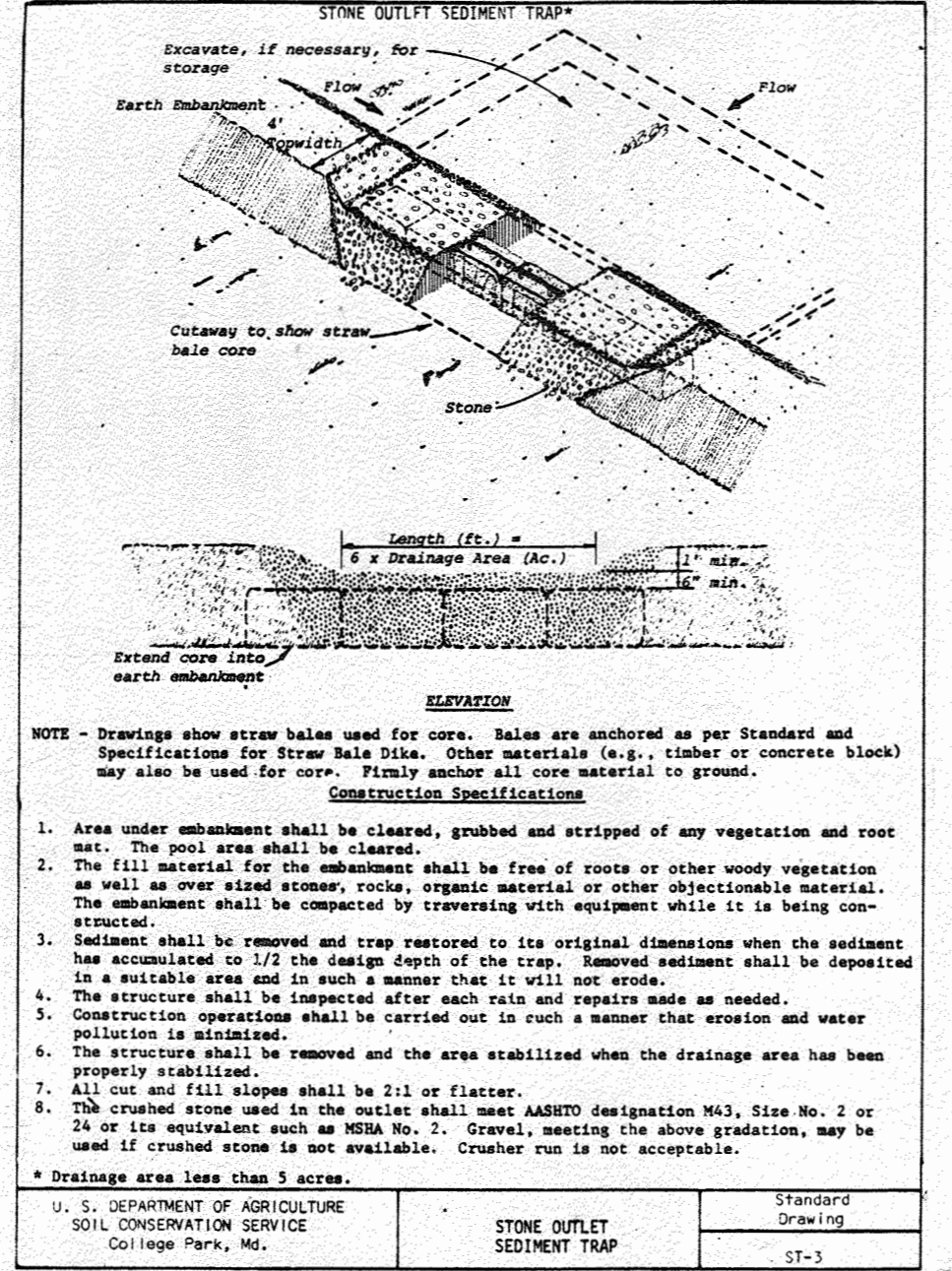
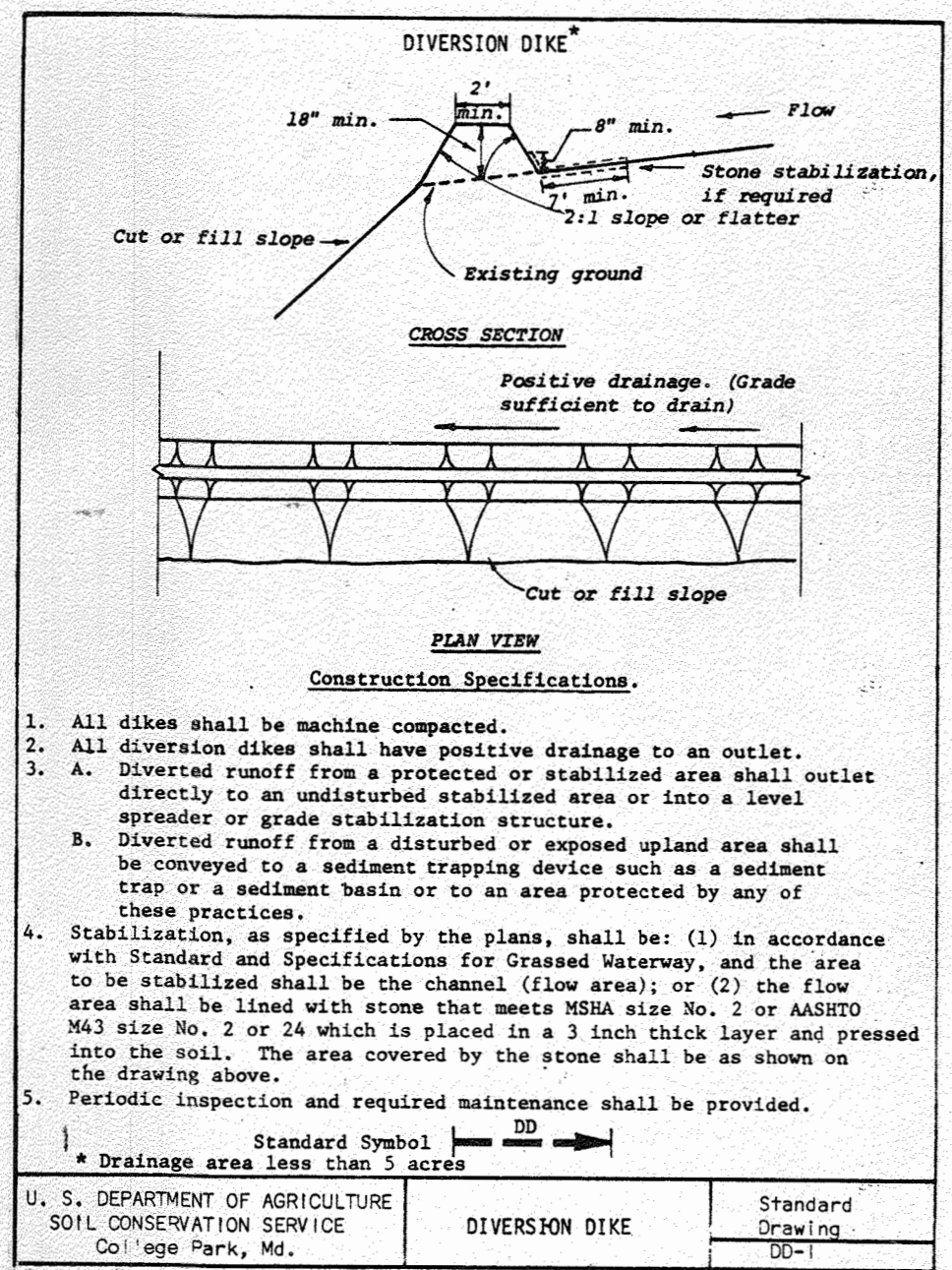
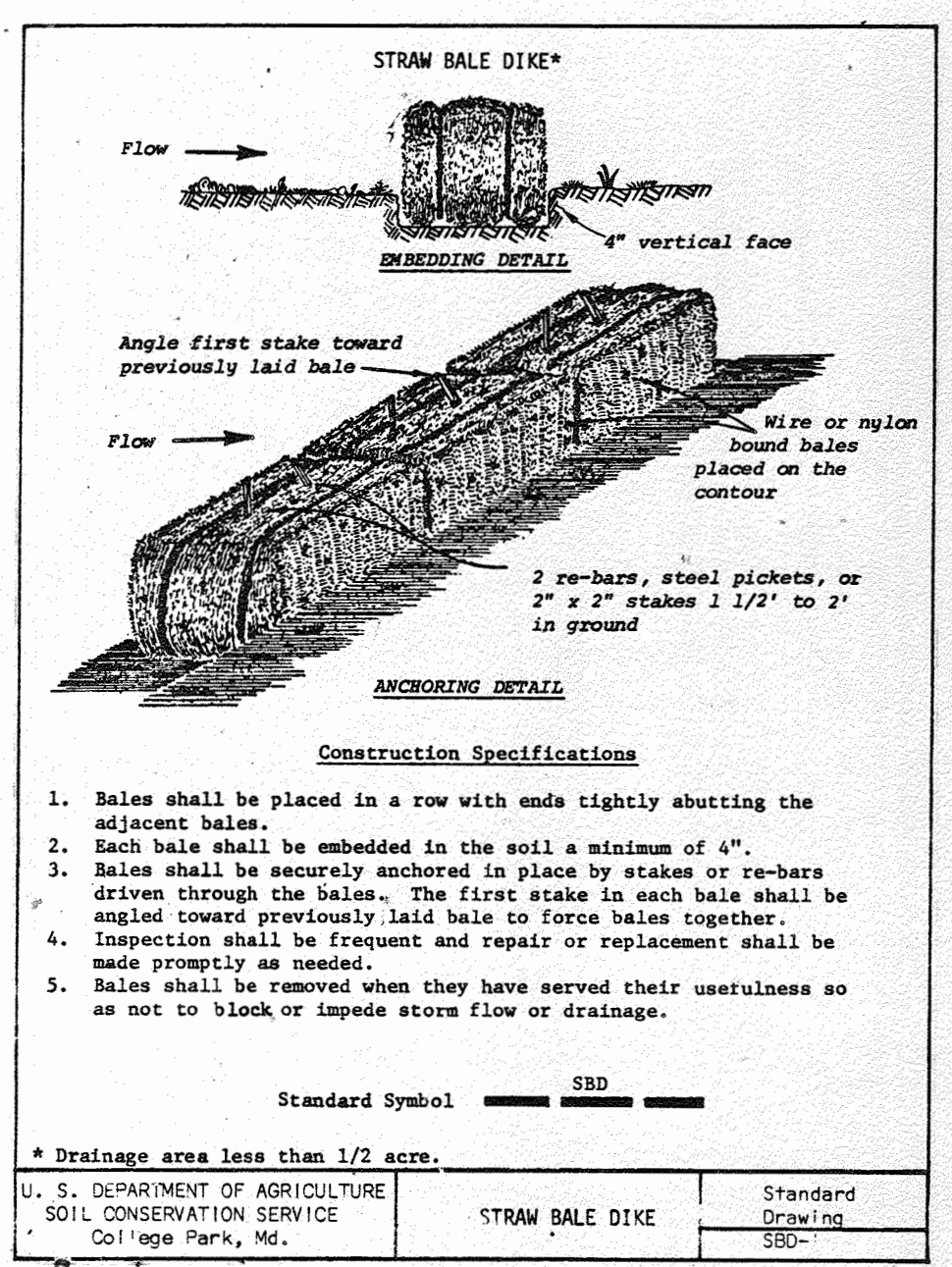
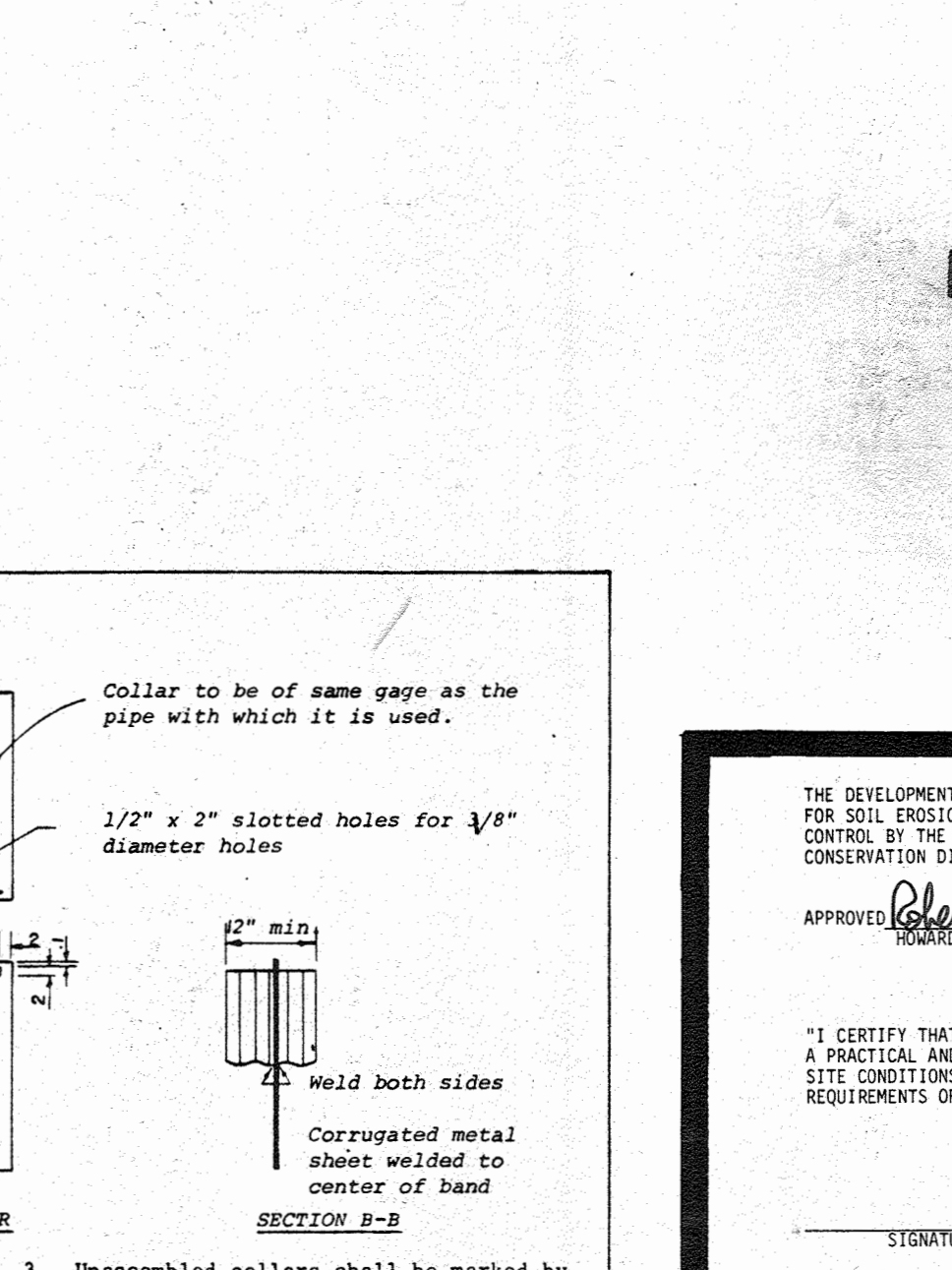
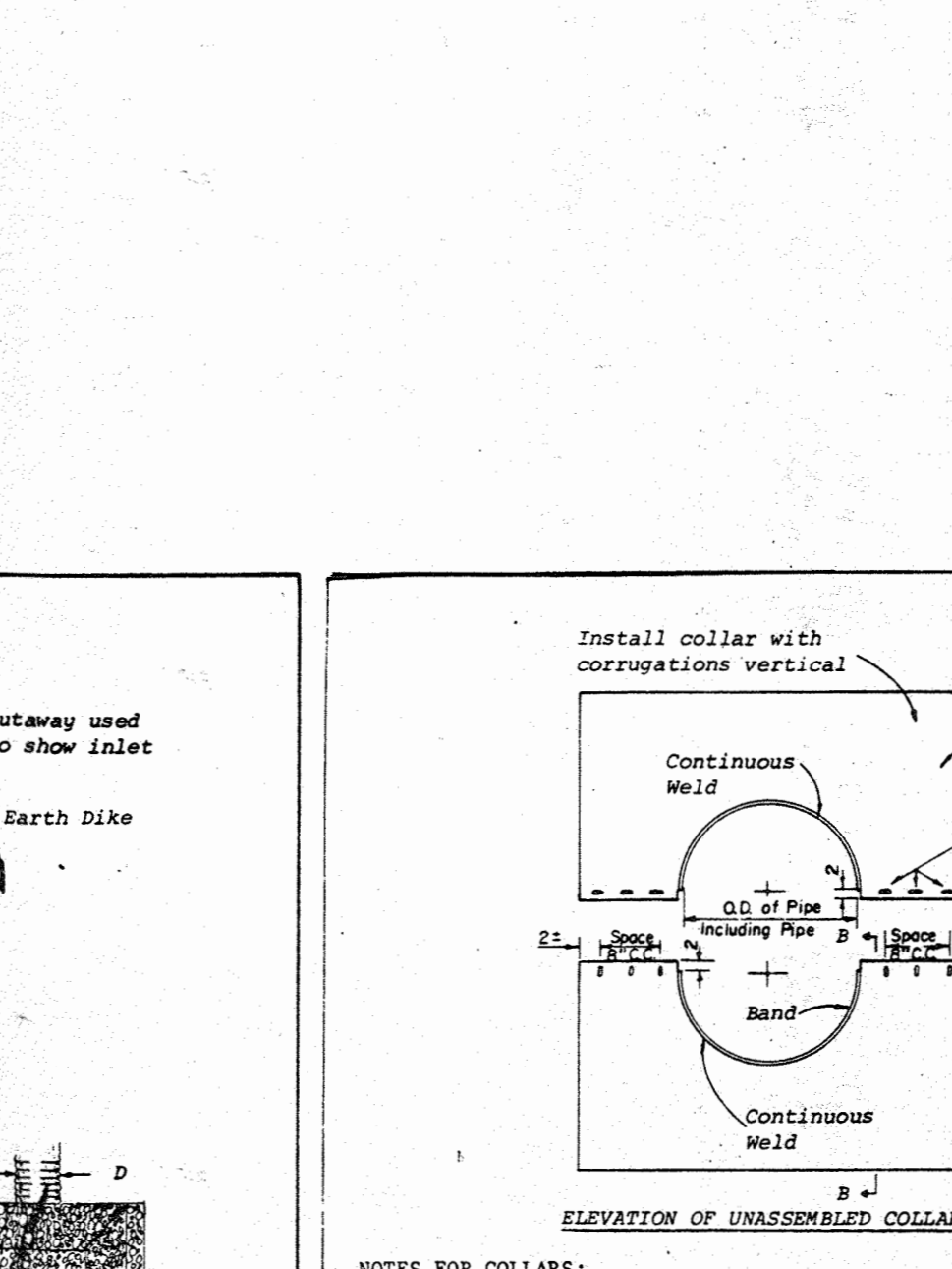
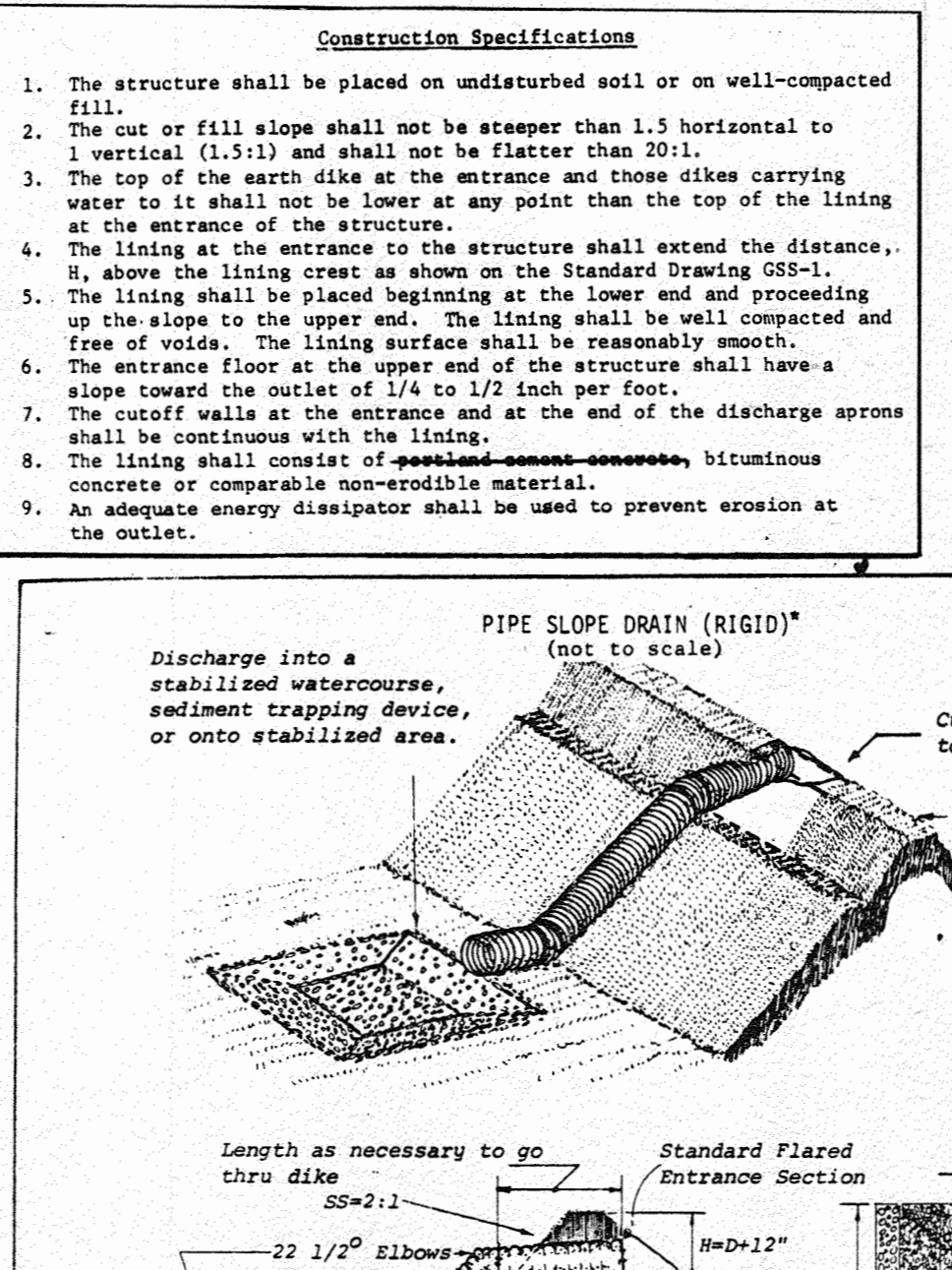
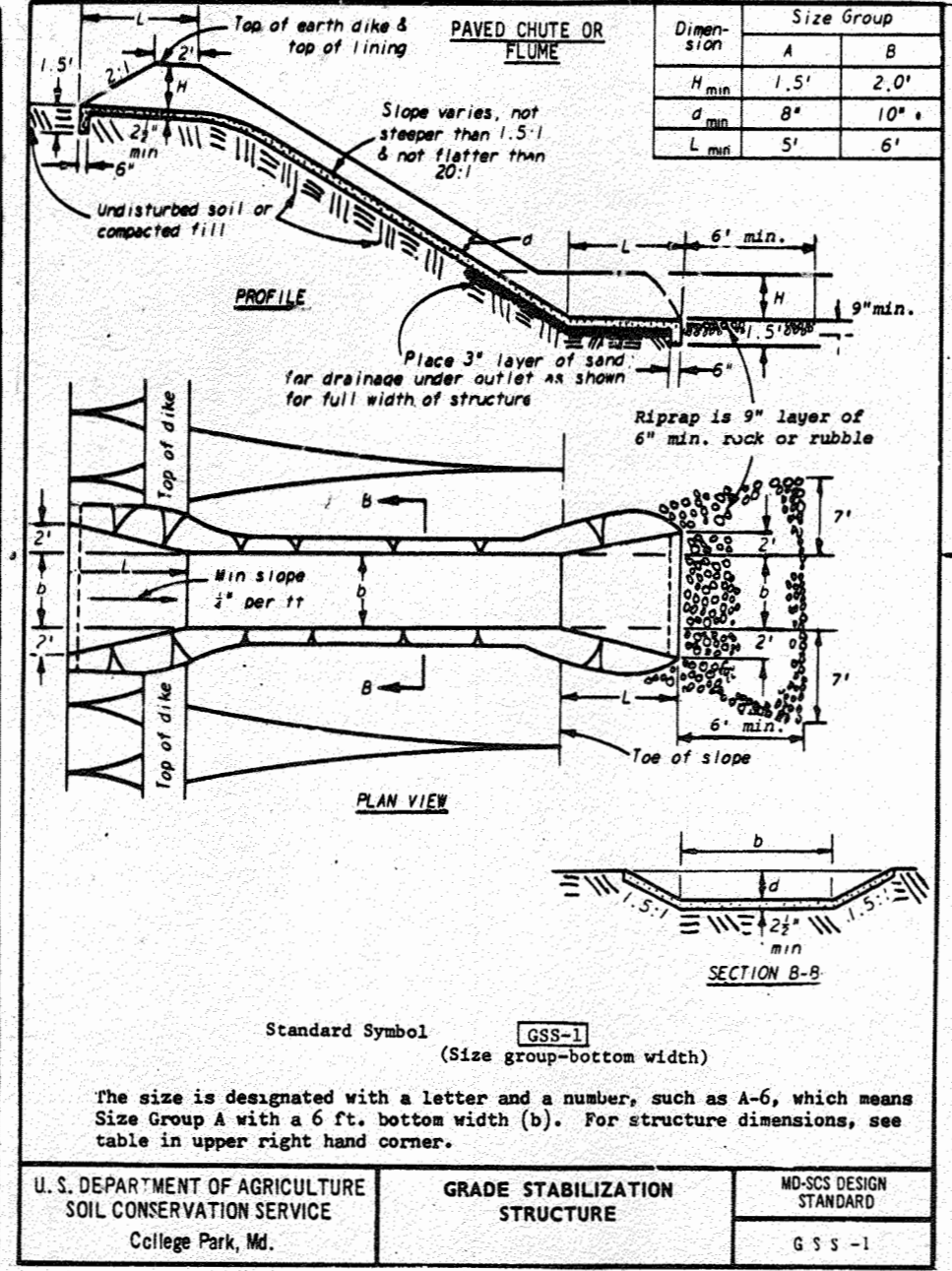
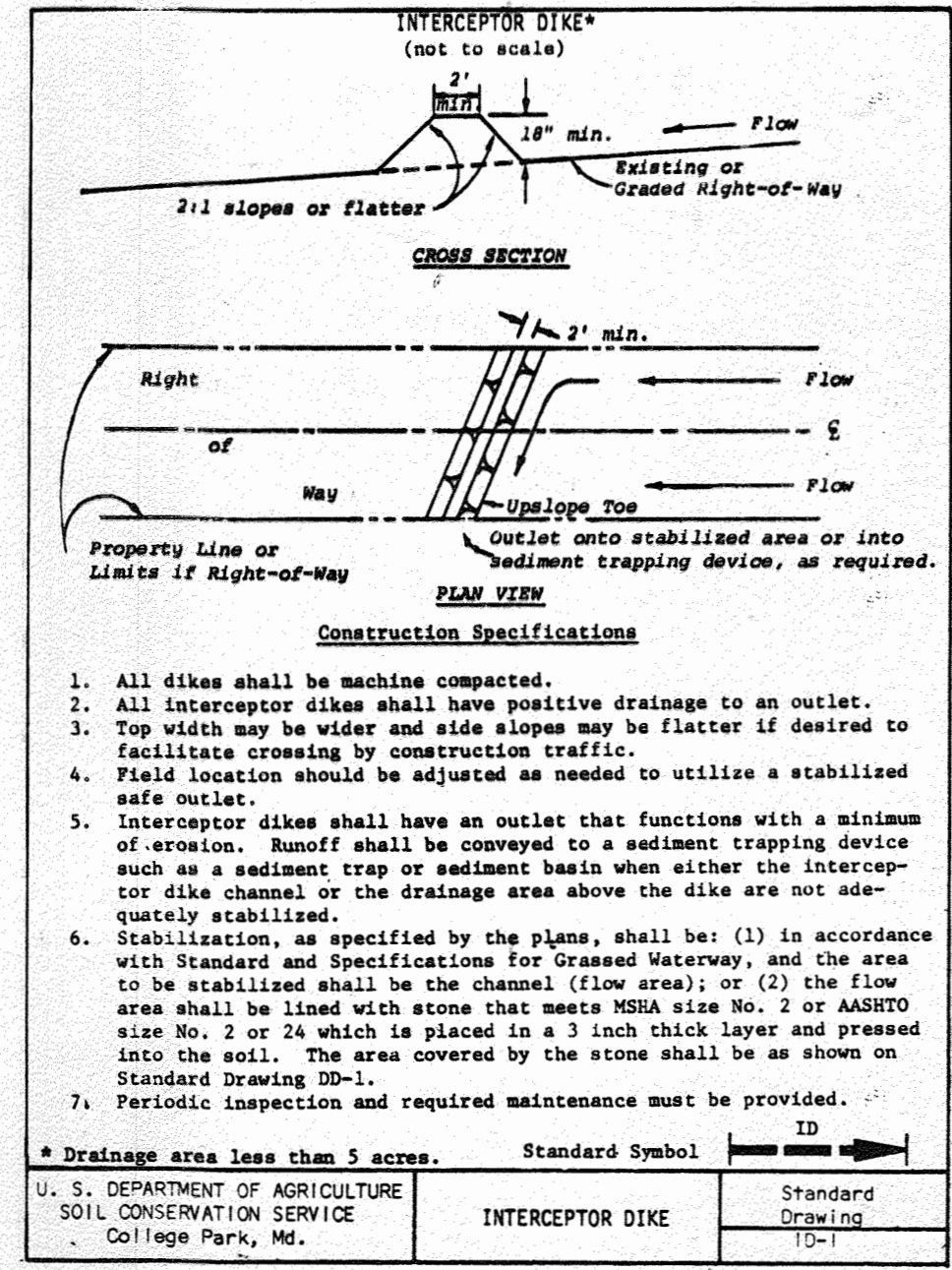
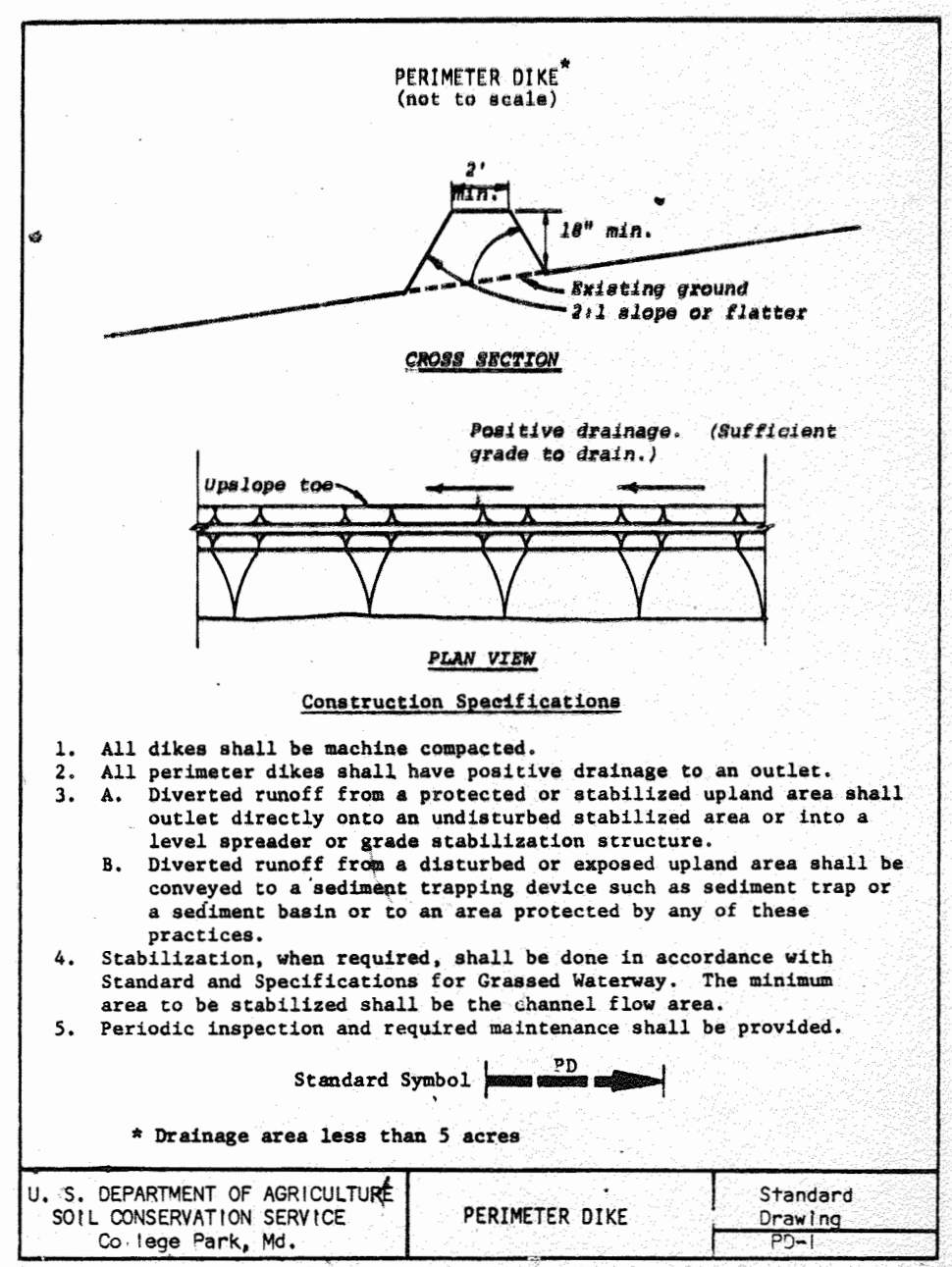
APPROVED: For Private Water and Private Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
 6-18-84 DATE

APPROVED: Howard County Office of Planning and Zoning
 5-22-84 DATE

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

2	PK				
REV. NO.	DRAWN	CHKD.	APPD.	CRICKET FIELD	
				DESCRIPTION	5/13/84





APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-6-84
AW

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

APPROVED: *Howard S. C.D.* 5-17-84
DATE

"I CERTIFY THAT THE 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 _____ DATE _____

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THE PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT."

SIGNATURE OF DEVELOPER _____ DATE _____

REVIEWED FOR: *Howard S.C.D.* AND MEETS TECHNICAL REQUIREMENTS
Joseph M. Helm 5-17-84
DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
W. Lee W. Little 6-20-84
DIRECTOR DATE

APPROVED: For Private Water and Private Sewerage and Storm Drainage Systems and Roads
Howard County Department of Public Works 6-18-84
DIRECTOR DATE

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Richard S. R... 6-18-84
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: For Private Water and Private Sewerage Systems
Howard County Health Department 5-22-84
COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning
Howard County Office of Planning and Zoning 9-25-84
PLANNING DIRECTOR DATE

APPROVED: Howard County Office of Planning and Zoning
Howard County Office of Planning and Zoning 9-25-84
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

REV NO.	DRAWN	CHKD	APPD	DESCRIPTION	DATE
2	FW			CRICKET FIELD	5/13/20
					4/84

EROSION AND SEDIMENT CONTROL DETAILS

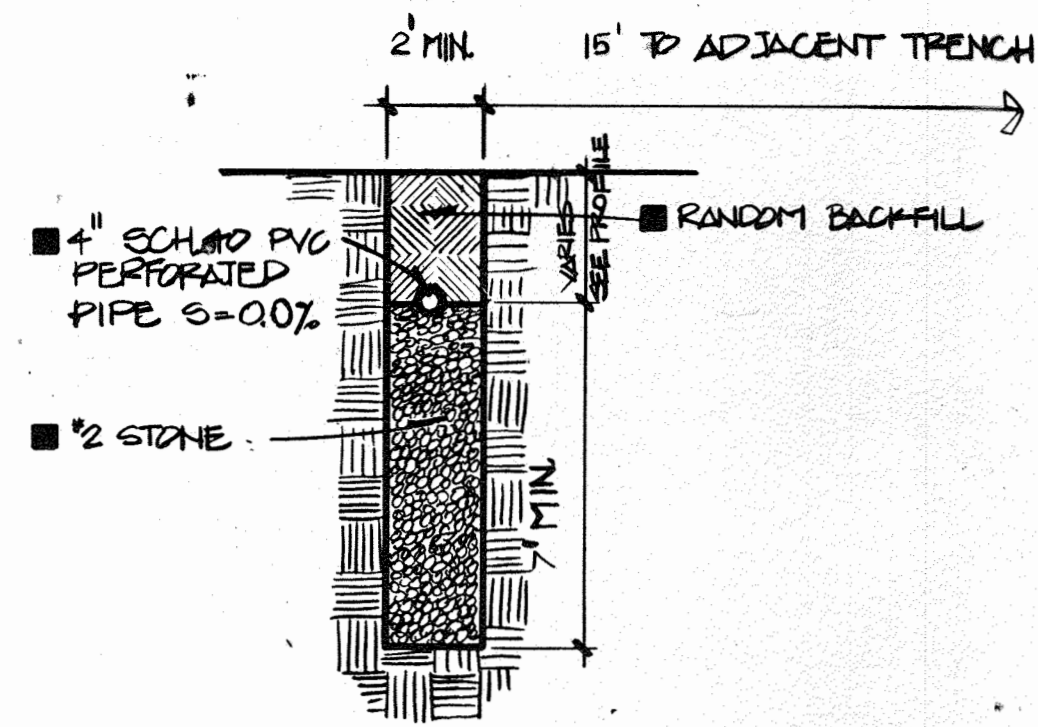
SCHOOLEY MILL PARK

DRAWN: CMS
CHKD: GLR
APPD: TRP
DATE: MARCH, 1983

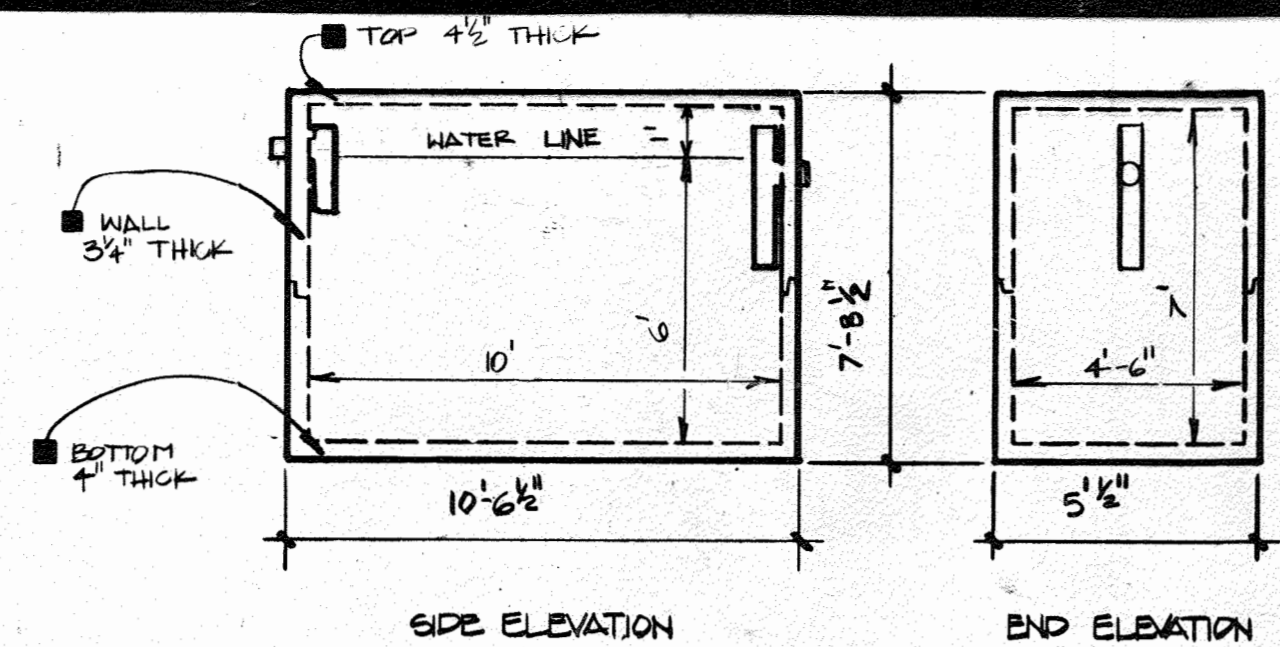
PROJECT NO: W-1913
SHEET NO: 32 of 33
DATE: MARCH, 1983

Booker
Engineers Architects Planners
1139 Old Mill Road
St. Louis, Missouri 63101

SDP-85-36

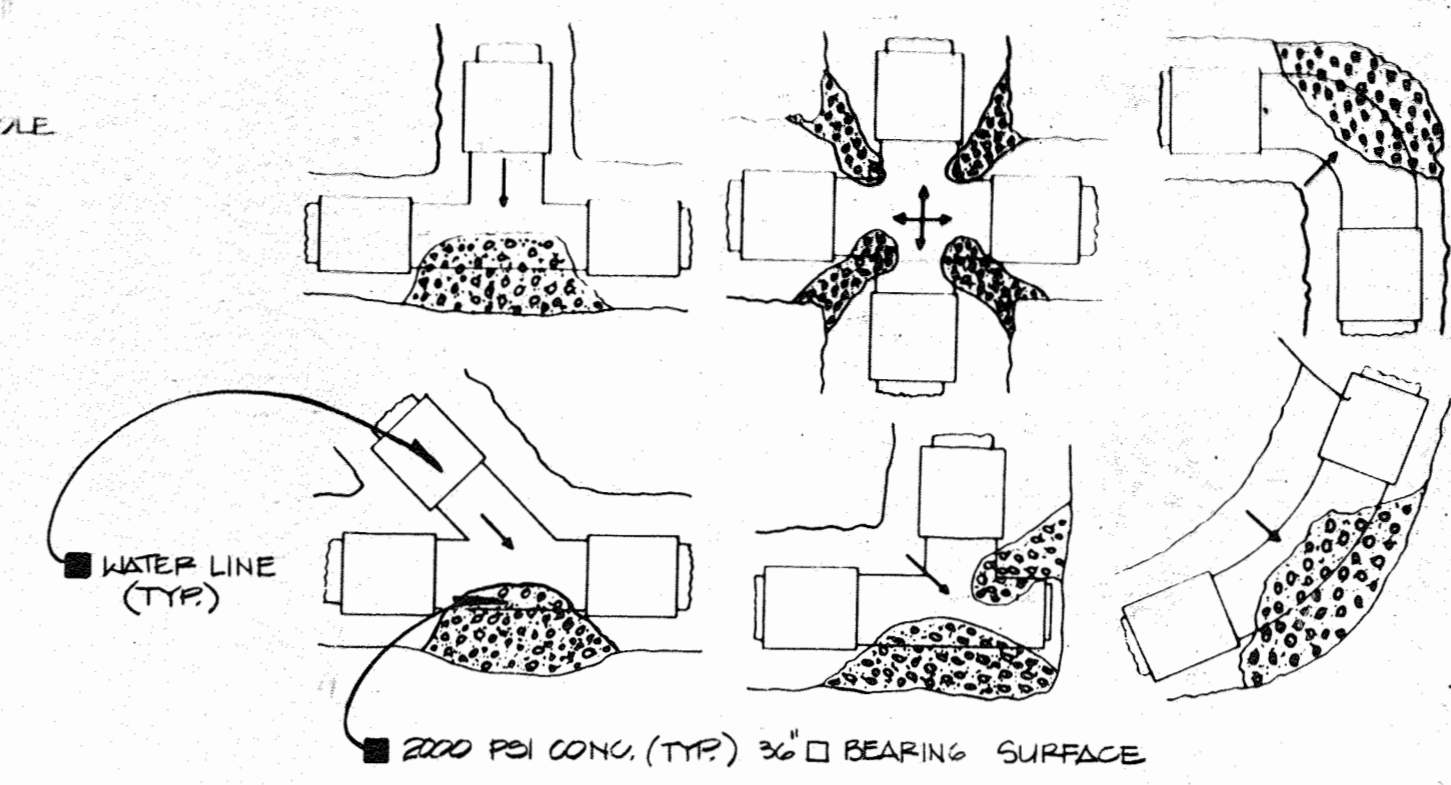


1 TYP. TRENCH DETAIL

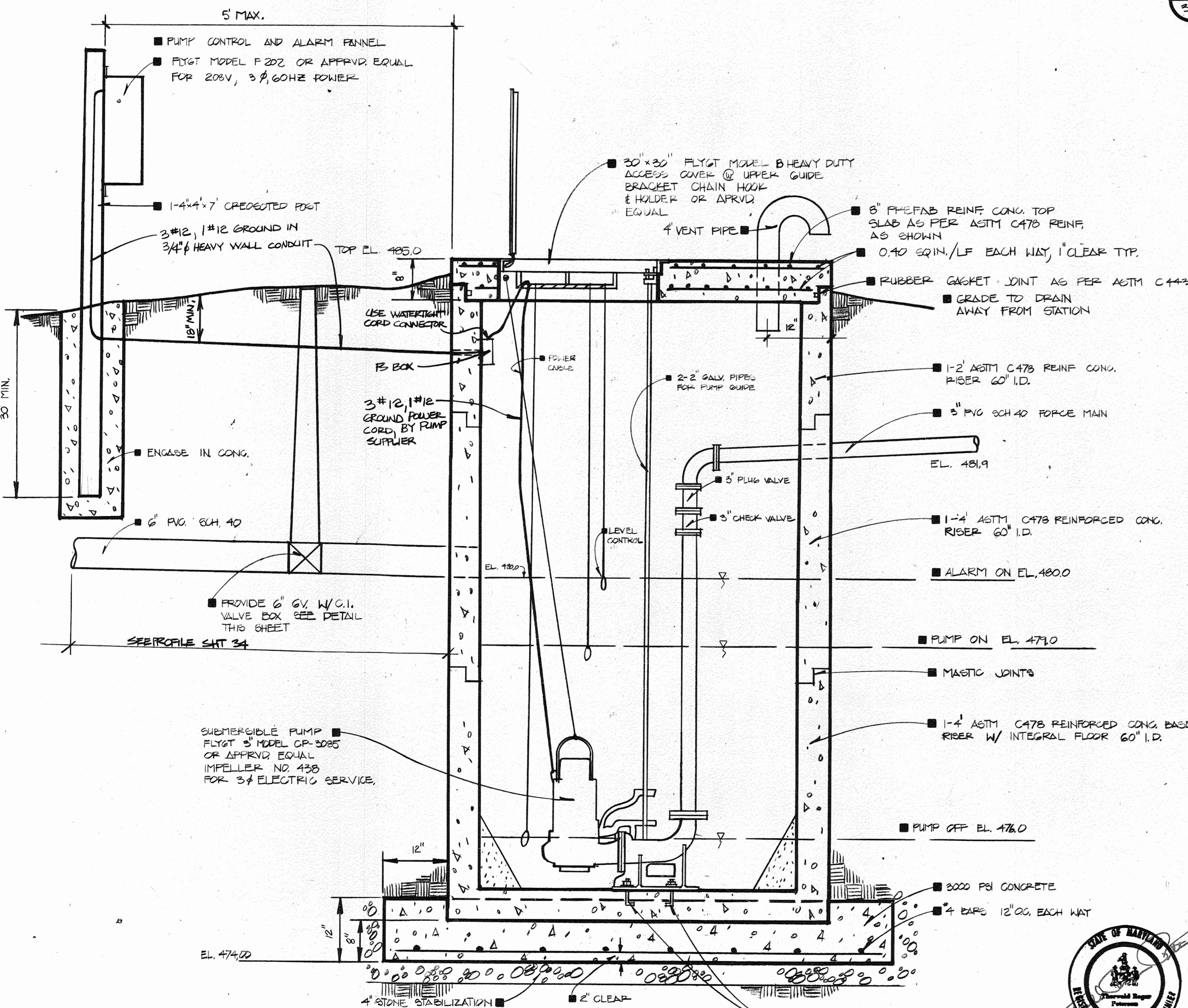


2 PRECAST CONC. SEPTIC TANK

NOTES:
 1. USE 4000 PSI CONCRETE.
 2. REINFORCEMENT SHALL BE 2"x8" @ 8" GA. WIRE MESH W/ #8 BARS 12" O.C. TOP & BOTTOM OF TANK.

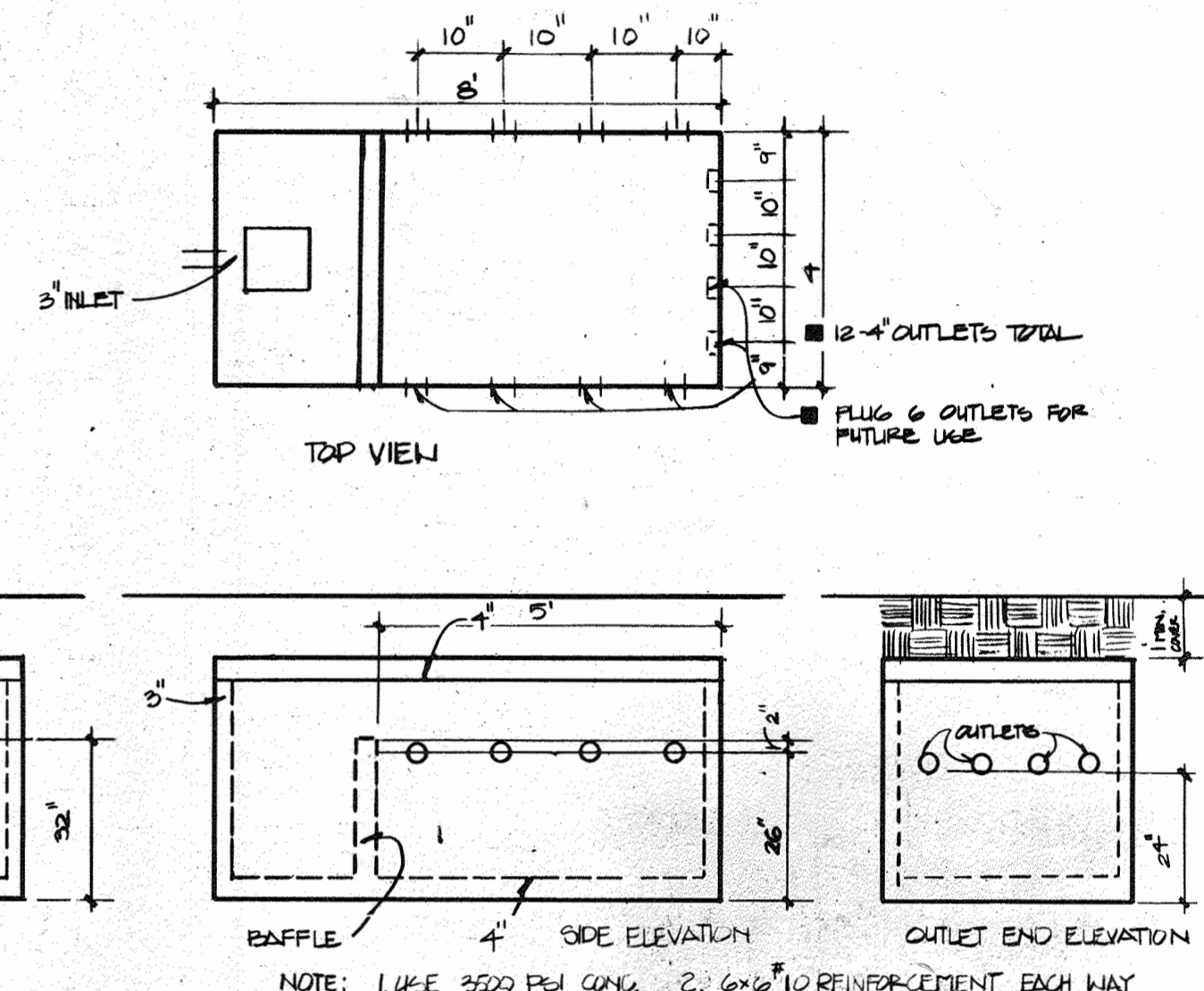


3 TYP. THRUST BLOCK DETAIL

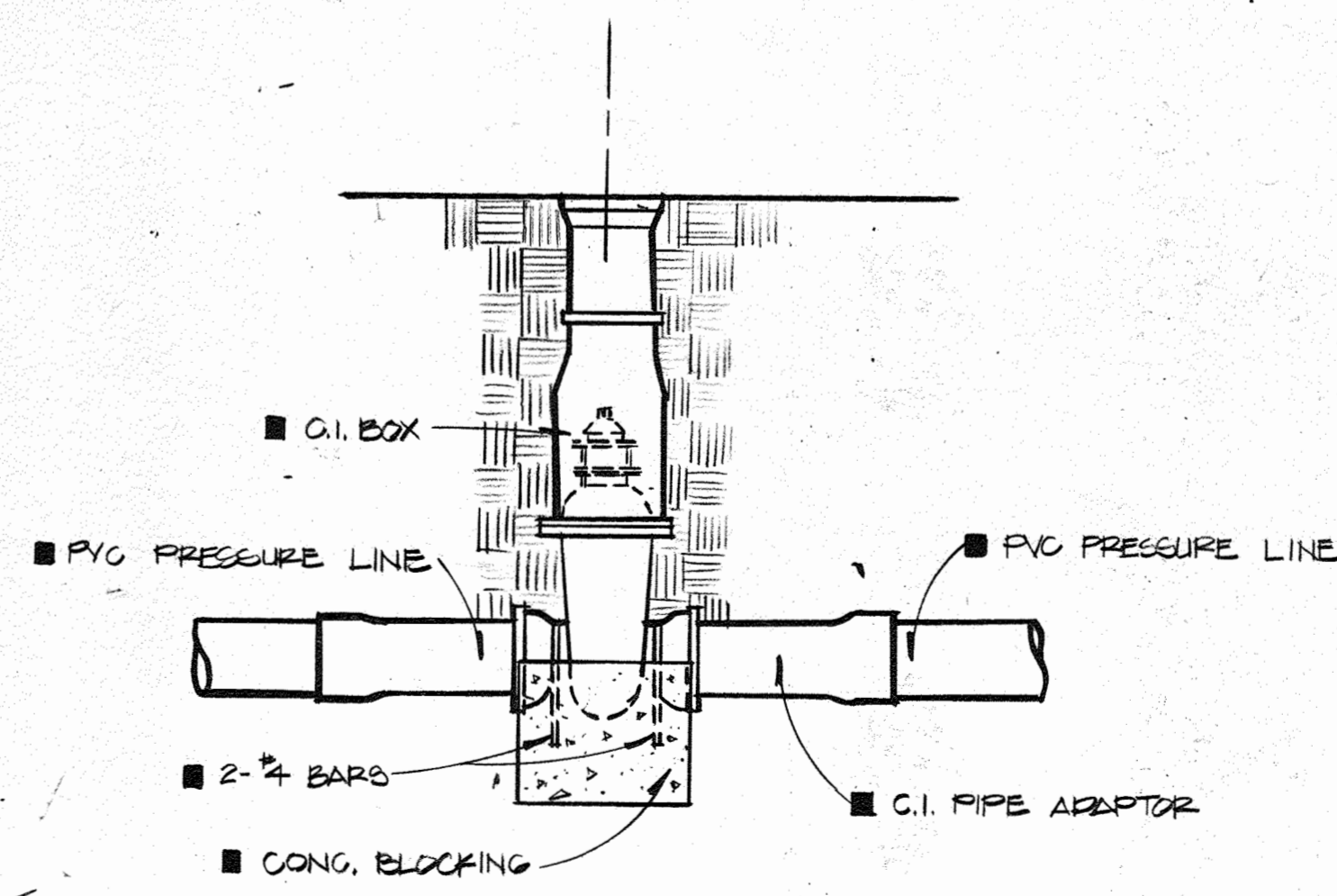


4 WASTE WATER PUMP STATION

NO SCALE



5 PRECAST CONCRETE DISTRIBUTION BOX



VALVE DETAIL

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 9-6-84

APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director: *James Nummy* DATE: 6-18-84
 Chief, Bureau of Engineering: *Richard S. Reddy* DATE: 6-18-84

APPROVED: For Private Water and Private Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
 County Health Officer: *Joseph A. G. ...* DATE: 5-22-84

APPROVED: Howard County Office of Planning and Zoning
 Planning Director: *Denise ...* DATE: 9-25-84
 Chief, Division of Land Development and Zoning Administration: *Shirley ...* DATE: 9-25-84

REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
2	PN			CONCRETE FIELD	5/13/80
					4/84

SEPTIC SYSTEM AND DETAILS

SCHOOLEY MILL PARK

DRAWN: CMS
 CHKD.: RC
 APPD.: TRP
 DATE: MARCH, 1983

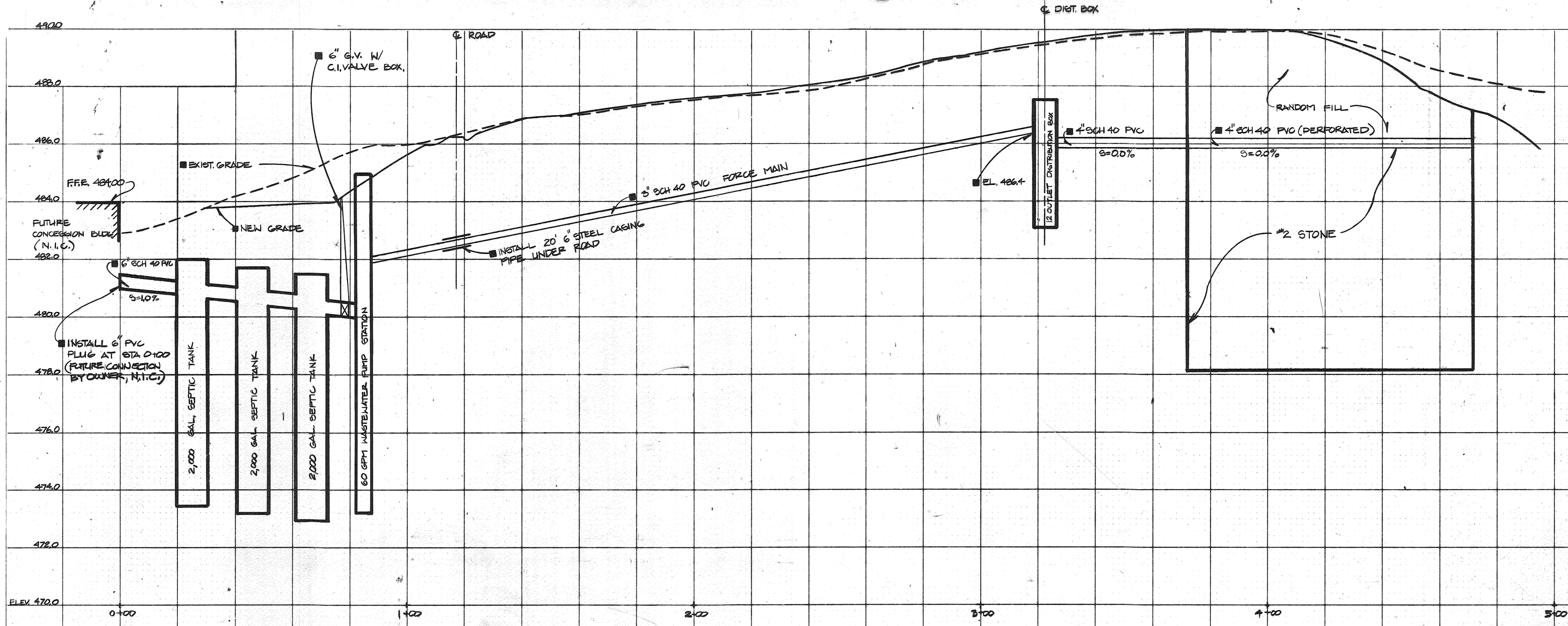
1139 OLIVE ST., ST. LOUIS, MISSOURI 63101
Booker
 Engineers, Architects, Planners

PROJECT NO. W-1913
 SHEET NO. 33 of 243



APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
 Director: *William M. ...* DATE: 6-20-84

Howard County, MD, Department of Public Works for the Department of Recreation and Parks, 3430 Court House Drive, Ellicott City, MD Election District No. 5 (Census Tract 6051) Tax Map No. 40 Liber 881, Folio, 483, Parcel 113



PROFILE - SEPTIC SYSTEM

SCALE H: 1"=20'
V: 1"=2'

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-6-84
MS

APPROVED: For Private Water, Private Sewerage and Storm Drainage Systems and Roads
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Wm. F. Nunn 6-18-84
 DIRECTOR DATE
Wm. F. Nunn 6-18-84
 CHIEF, BUREAU OF ENGINEERING DATE
 APPROVED: For Private Water and Private Sewerage Systems
 HOWARD COUNTY HEALTH DEPARTMENT
John J. Spiller 5-22-84
 COUNTY HEALTH OFFICER DATE
 APPROVED: Howard County Office of Planning and Zoning
Denise 9-25-84
 PLANNING DIRECTOR DATE
John M. Murchison 9-25-84
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

2	PW		CRICKET FIELD	5/13/80	
REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
					4/84

SEPTIC SYSTEM AND DETAILS

SCHOOLY MILL PARK



Howard County, MD, Department of Public Works for the Department of Recreation and Parks, 3430 Court House Drive, Ellicott City, MD
 Election District No. 5 (Census Tract 6051)
 Tax Map No. 40
 Liber 881, Folio, 483, Parcel 113
 APPROVED: HOWARD COUNTY DEPARTMENT OF RECREATION & PARKS
W. M. J. ... 6-20-84
 DIRECTOR DATE

DRAWN: CWS
 CHKD.: RC
 APPD.: TRP
 DATE: MARCH, 1983
Booker
 Engineers Architects Planners
 1131 OLIVE ST.
 ST. LOUIS, MISSOURI, 63101
 PROJECT NO. W-1913
 SHEET NO. 34 of 34
 SDP-85-36

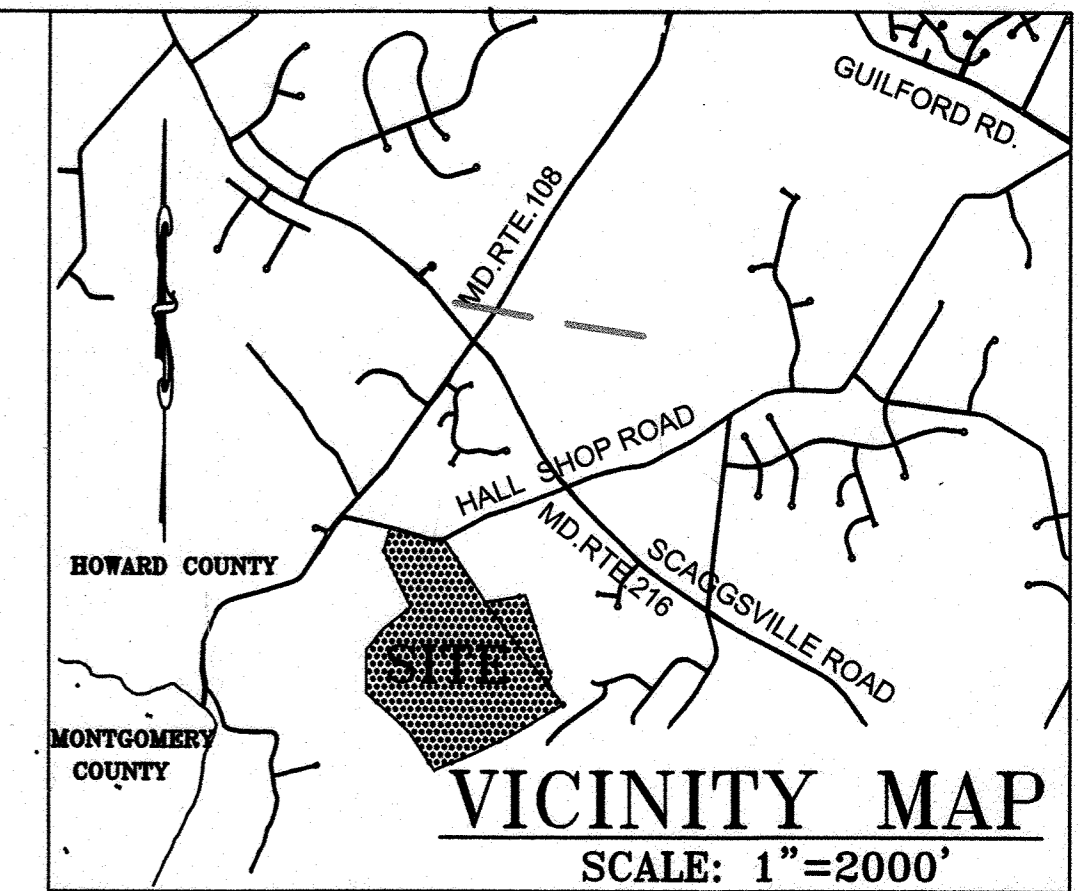
1721

DRAWING PURPOSE STATEMENT
 THIS PLAN (SHEET 35 OF 37) REFLECTS THE UPDATED EXISTING CONDITIONS AND PROPOSED FIELD MODIFICATIONS TO ALLOW TWO CRICKET GAMES TO OCCUR ON THIS SITE AT THE SAME TIME.

EROSION AND SEDIMENT CONTROL NOTE
 1) ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT 'MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL'.

SOILS LEGEND			
SYMBOL	NAME / DESCRIPTION	GROUP	'K' FACTOR
GbB	GLADSTONE LOAM, 3-8% SLOPES	B	0.32
GhB	GLENELG-URBAN LAND COMPLEX, 0-8% SLOPES	B	0.43

LEGEND	
EXISTING CONTOUR	— 473 —
PROPOSED CONTOUR	— 474 —
FOREST LIMIT	~ ~ ~ ~ ~
EXISTING WATER LINE	- - - - -
EX. PIPE	— — — — —
EX. PATHWAY TO BE DEMOLISHED	▨ ▨ ▨ ▨ ▨
PROPOSED PATHWAY	▨ ▨ ▨ ▨ ▨
NON-ROOF TOP DISCONNECT AREA	▨ ▨ ▨ ▨ ▨
SOILS	GhB GbB
DRAINAGE AREA	- - - - -



EROSION & SEDIMENT CONTROL LEGEND	
STABILIZED CONSTRUCTION ENTRANCE	▨ ▨ ▨ ▨ ▨
SUPER SILT FENCE	— SSF —
DIVERSION FENCE	— DF —
SILT FENCE	— SF —
SOIL STABILIZATION MATTING	▨ ▨ ▨ ▨ ▨
LIMIT OF DISTURBANCE	— LOD —
TEMPORARY STONE OUTLET STRUCTURE	▨ ▨ ▨ ▨ ▨
TEMPORARY SWALE	A-2

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 Director: [Signature] Date: 6-9-2020
 Director of Division of Land Development: [Signature] Date: 4/5/2020
 Development Engineering: [Signature] Date: 5-29-20

(1) For the Howard Soil Conservation District:
 This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.
 [Signature] Howard Soil Conservation District Date

LICENCED PROFESSIONAL CERTIFICATE
 "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."
 [Signature] Date: 5/13/20
 Paul Walsky
 Print name below signature

DEVELOPER'S CERTIFICATE
 "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."
 [Signature] Date: 5/15/2020
 A. RAUL DELERME
 Print name below signature

- NOTES
- TOTAL PROPOSED IMPERVIOUS AREA: 3,160 SQ. FT.
 - TOTAL LIMIT OF DISTURBANCE: 54,340 SQ. FT.
 - STORM WATER MANAGEMENT PROVIDED: NON-ROOF TOP DISCONNECT
 - EXISTING AND PROPOSED IMPROVEMENT: PUBLIC PARK
 - THERE ARE NO BUILDING RESTRICTION LINES OR ZONING SETBACKS WITHIN THE PLAN LIMITS.
 - THERE ARE NO EASEMENTS OF RECORD WITHIN THE PLAN LIMITS.
 - EXISTING SURVEY COMPLETED BY HOWARD COUNTY DPW, 2012.
 - FOREST CONSERVATION WAS ADDRESSED FOR THIS AREA IN 2012.



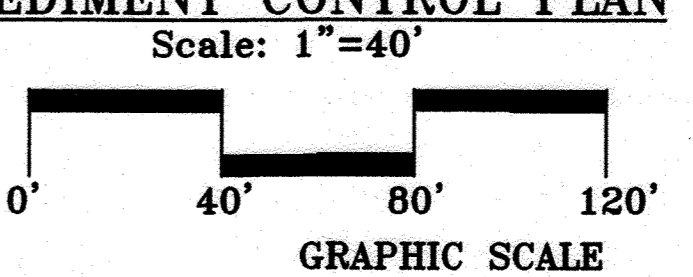
- SEQUENCE OF CONSTRUCTION**
- NOTIFY THE HOWARD COUNTY EROSION CONTROL INSPECTOR THAT CONSTRUCTION WILL BEGIN.
 - CLEAR AND GRUB FOR EROSION & SEDIMENT CONTROL MEASURES OR DEVICES AND STORM DRAIN SYSTEM ONLY.
 - INSTALL THE SEDIMENT CONTROL MEASURES INCLUDING SUPER SILT SILT FENCE, SILT FENCE, STABILIZED CONSTRUCTION ENTRANCE, DIVERSION FENCE, TEMPORARY SWALE AND TEMPORARY STONE CHECK DAM. INSTALL TEMPORARY STONE CHECK DAM FIRST.
 - REMOVE WOODY VEGETATION, CLEAR AND GRUB AND GRADE THE SITE.
 - INSTALL THE PAVING (BASECOURSE AND SURFACE) AND PERMANENTLY STABILIZE ALL REMAINING DISTURBED AREAS.
 - ONCE ALL AREAS ARE STABILIZED REMOVE ALL OF THE EROSION AND SEDIMENT CONTROL DEVICES AND WITH THE APPROVAL OF THE HOWARD COUNTY EROSION CONTROL INSPECTOR, REMOVE THE SUPER SILT FENCE, SILT FENCE, EARTH DIKE AND CONVERT THE STABILIZED CONSTRUCTION ENTRANCE INTO PERMANENT PAVING.

"PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 490, EXPIRATION DATE: JUNE 17, 2021.

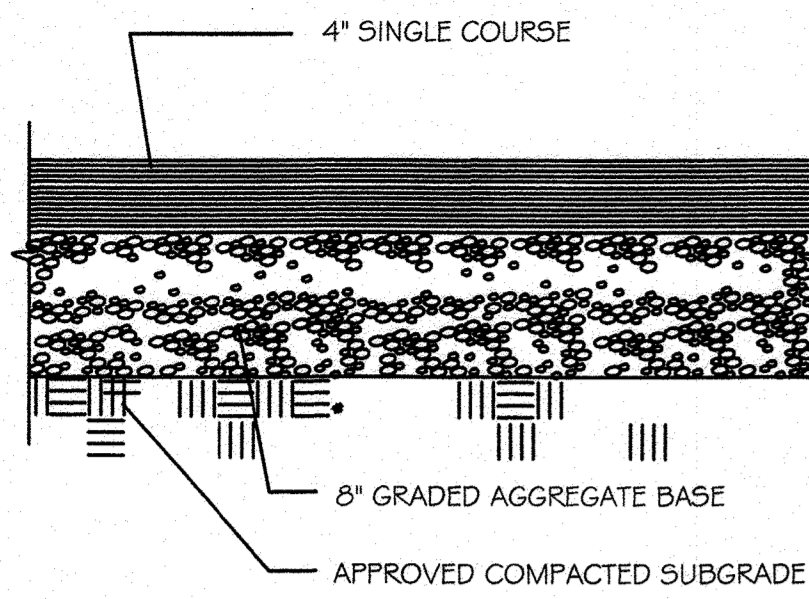


DESIGN PROFESSIONAL:
 PAUL WALSKY
 HOWARD CO. DEPT. OF REC. & PARKS
 7120 OAKLAND MILLS ROAD
 COLUMBIA, MARYLAND 21046
 TELEPHONE NUMBER: 410 313-1695

NO.	REVISION	DATE
2	CRICKET FIELD	5/13/20

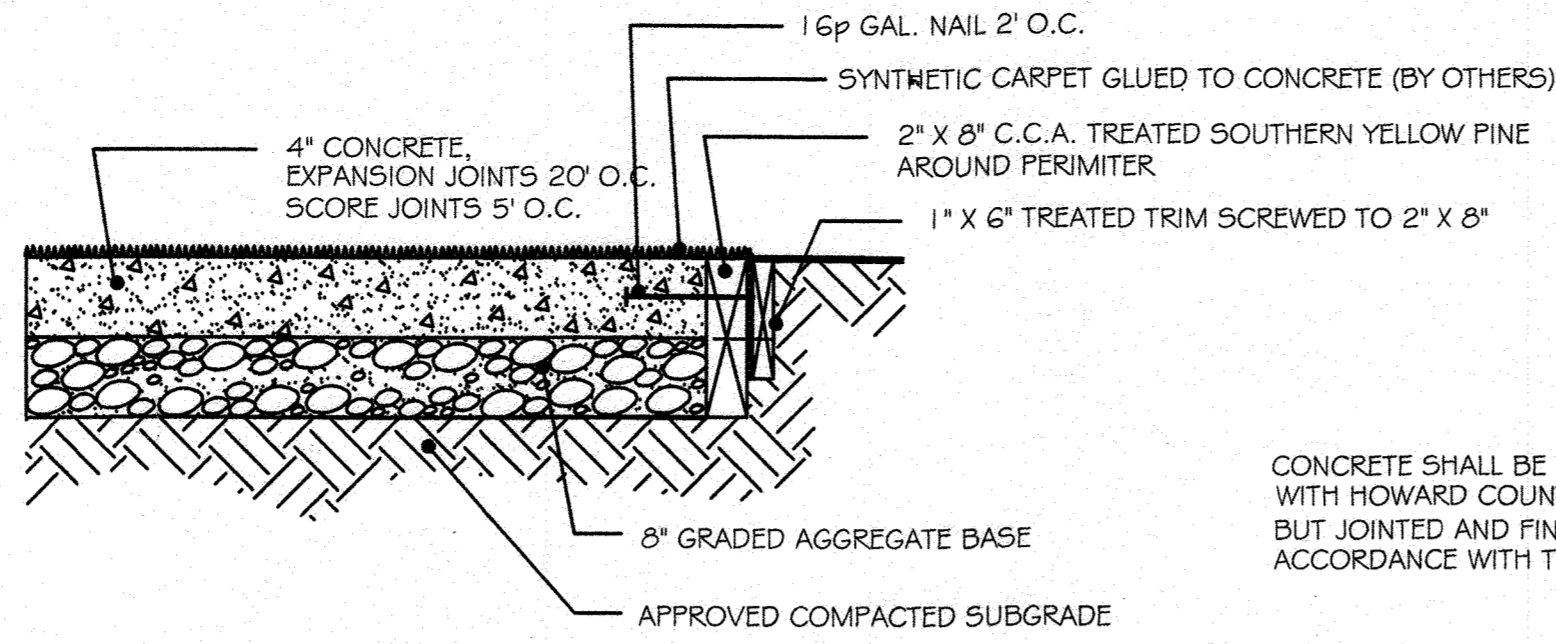


SCHOOLEY MILL PARK
 REVISED SITE DEVELOPMENT PLAN
 12975 HALL SHOP ROAD HIGHLAND, MARYLAND 20777
 MAP 40 GRID16 PARCEL 113 L.F.881/483 TAX ACCOUNT: 2-223082 ZONING:RR-DEO ELECTION DIST:5
 OWNER: HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS MAY 13, 2020 (SHEET 35 OF 37)



ASPHALT PAVEMENT

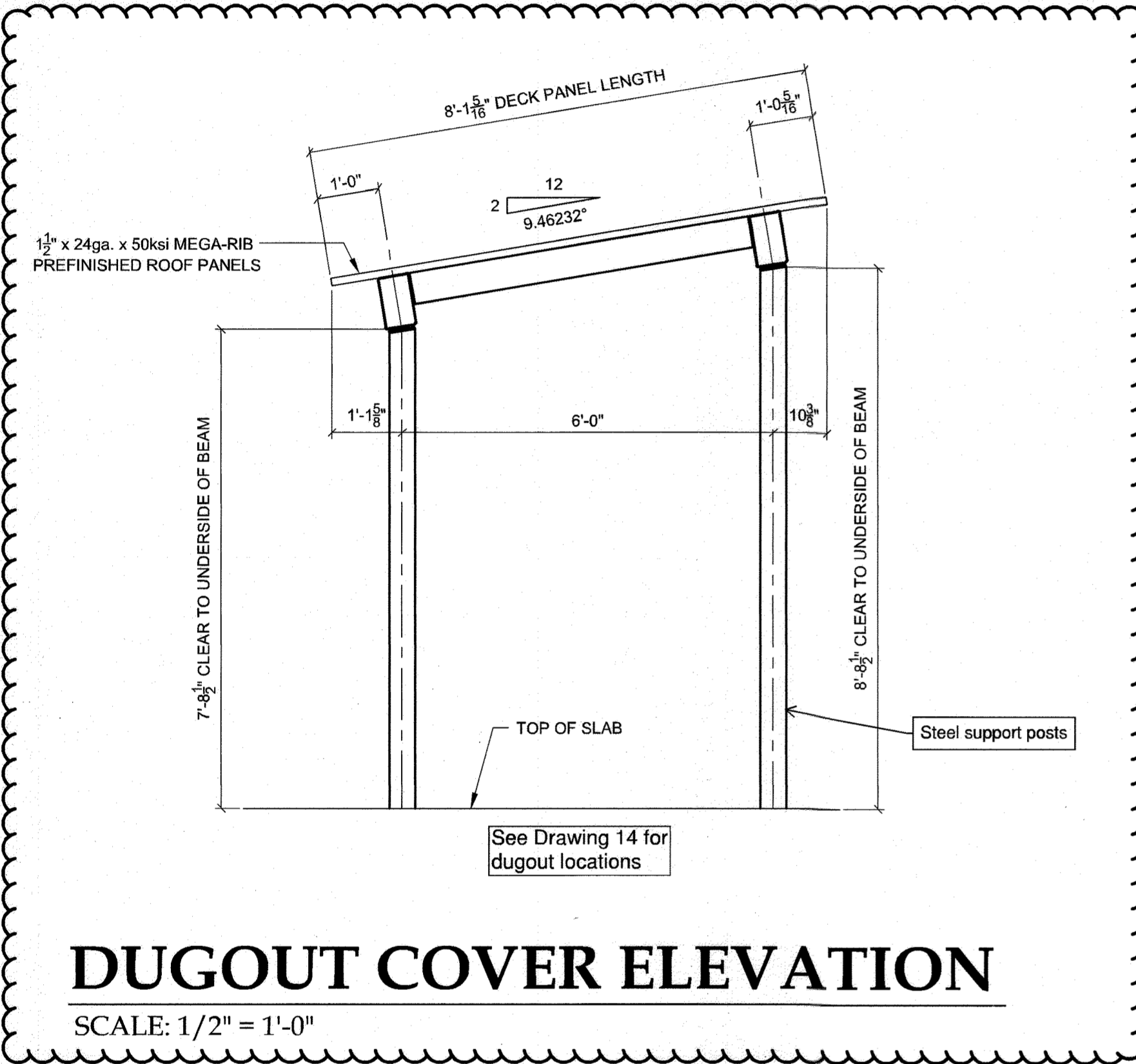
NOT TO SCALE



CRICKET PITCH SECTION

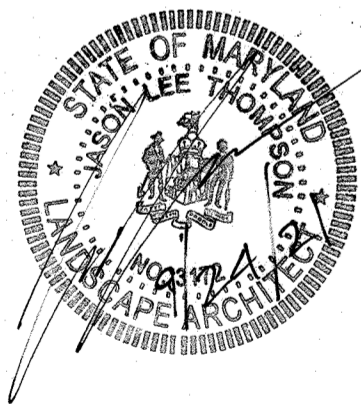
NOT TO SCALE

CONCRETE SHALL BE IN ACCORDANCE WITH HOWARD COUNTY STANDARDS BUT JOINTED AND FINISHED IN ACCORDANCE WITH THIS DETAIL



DUGOUT COVER ELEVATION

SCALE: 1/2" = 1'-0"



Seal for redline revision 5 only

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Director: *[Signature]* Date: 6-9-2020

Director Division of Land Development: *[Signature]* Date: 6/15/2020

Director Development Engineering: *[Signature]* Date: 5/29/20

() For the Howard Soil Conservation District:
This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.
[Signature] 5/29/20
Howard Soil Conservation District Date

LICENCED PROFESSIONAL CERTIFICATE
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.
[Signature] 5/13/20
Signature of Licensed Professional Date
PAUL WALSKY
Print name below signature

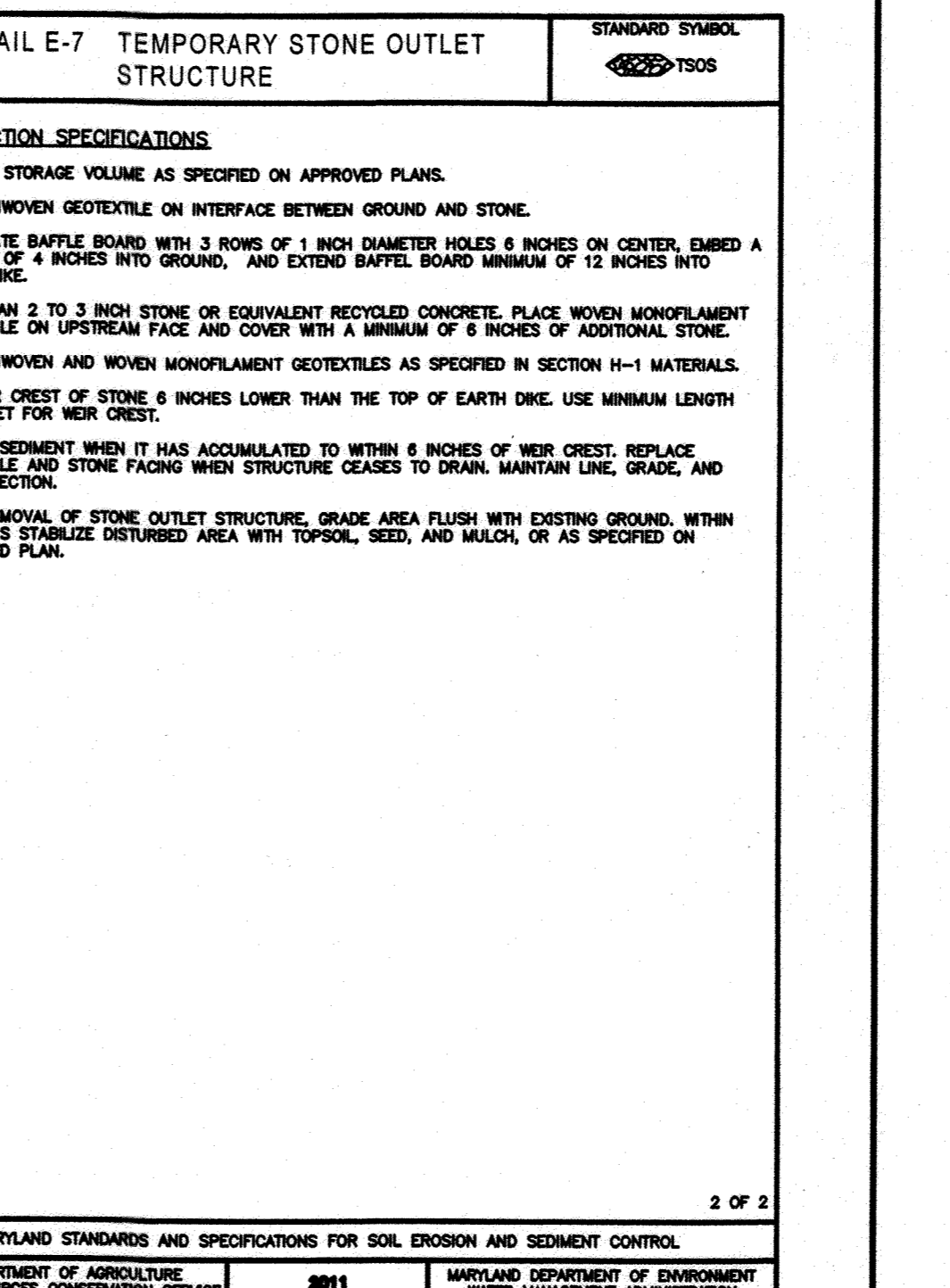
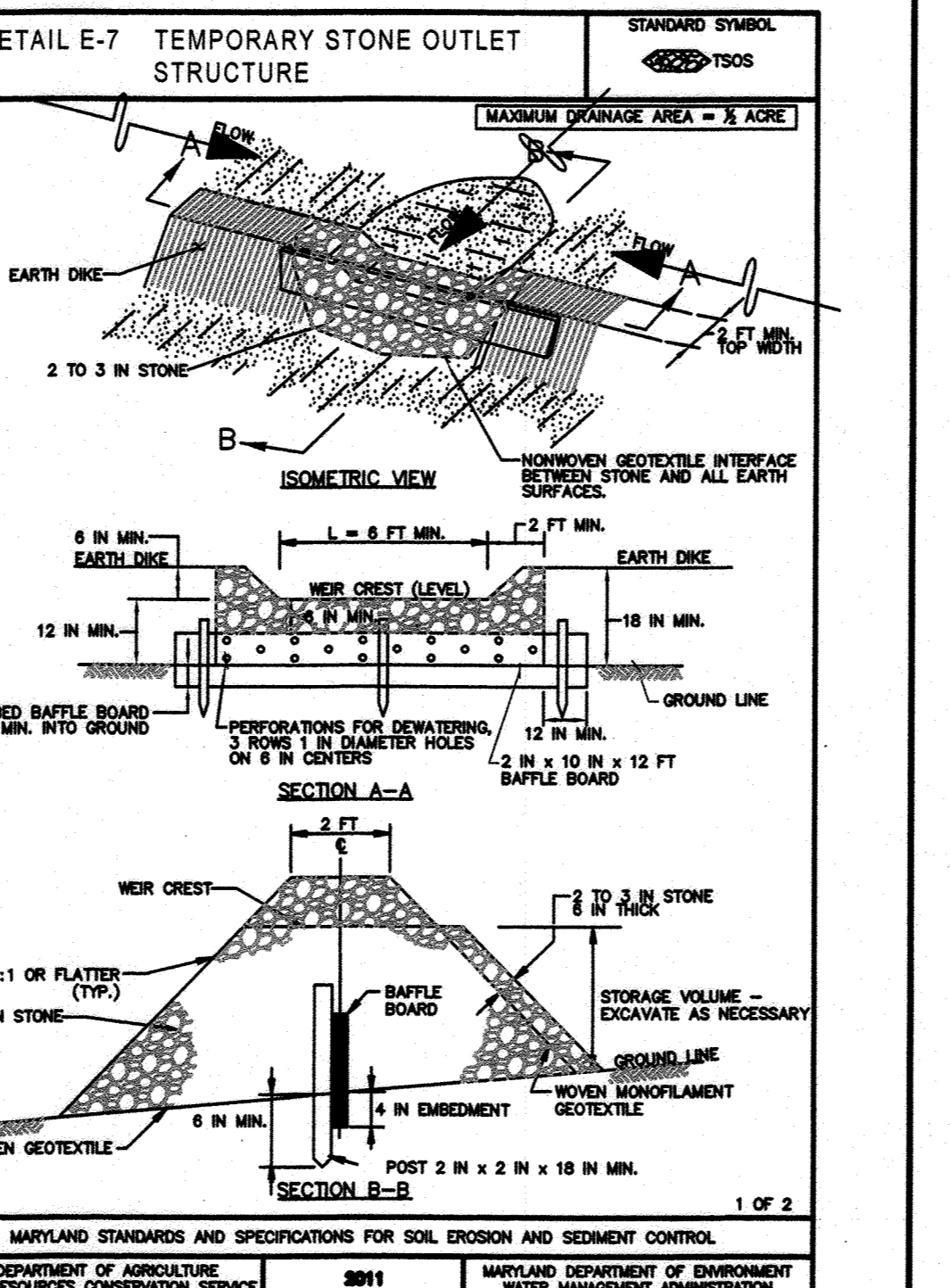
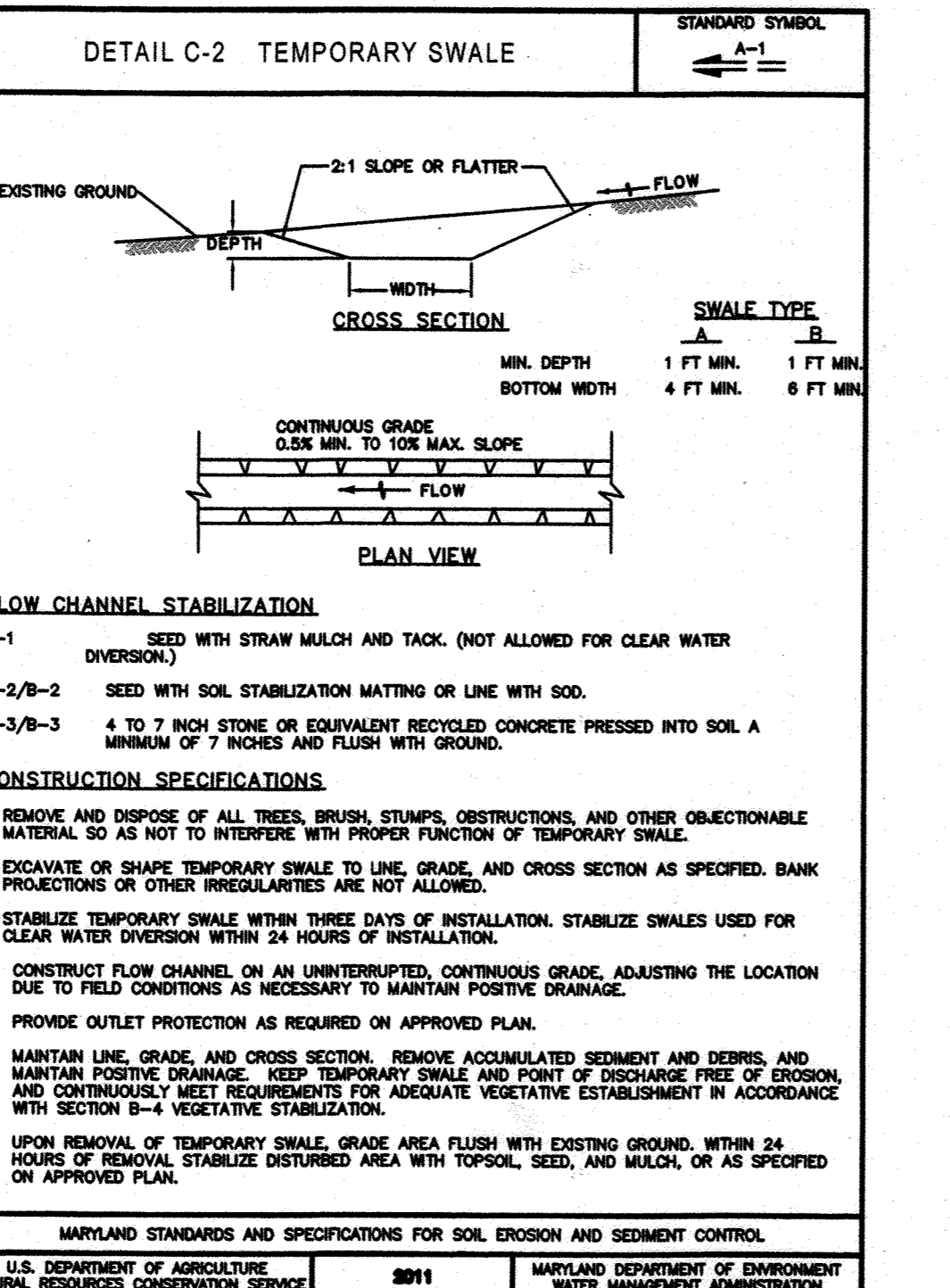
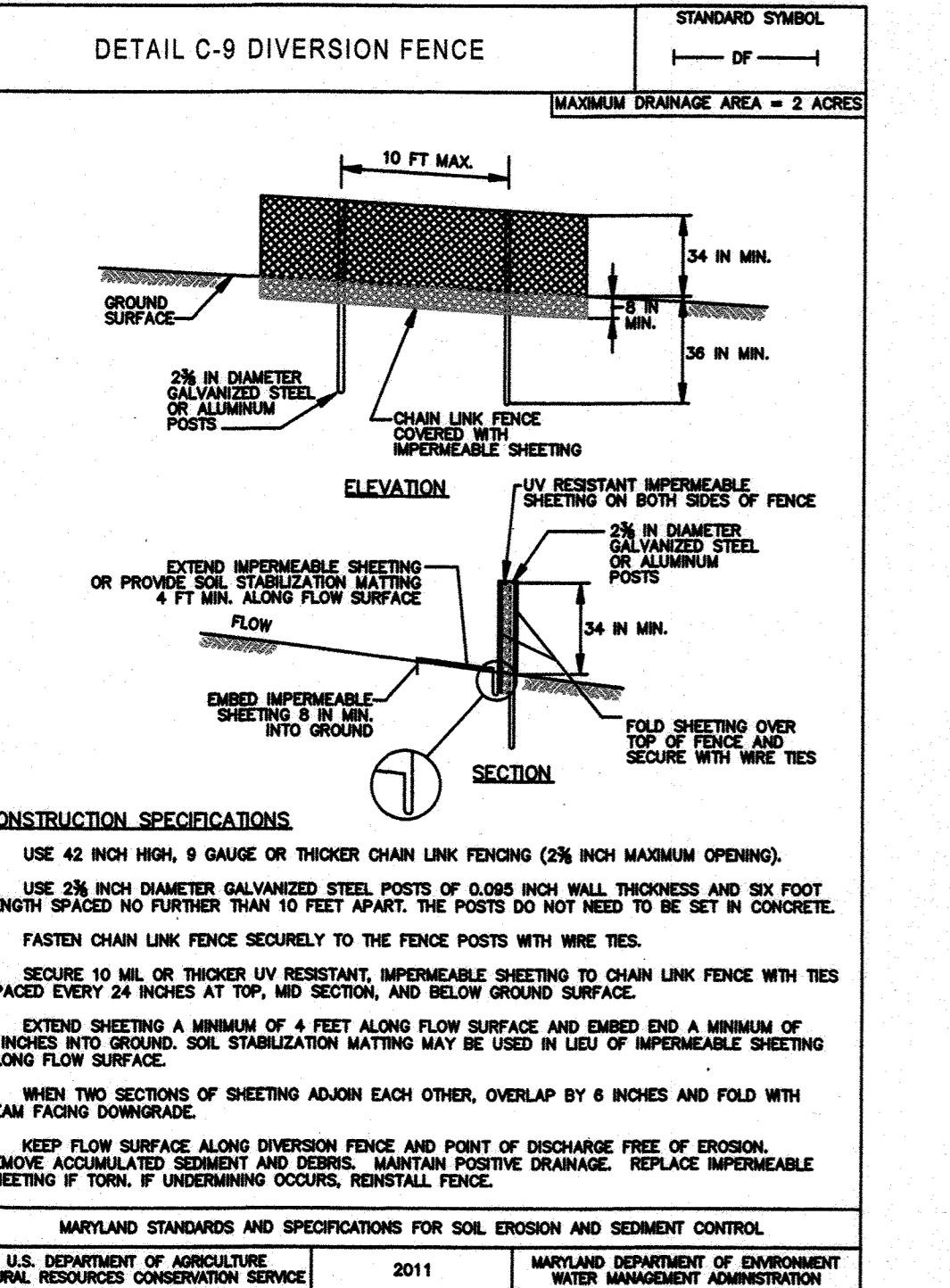
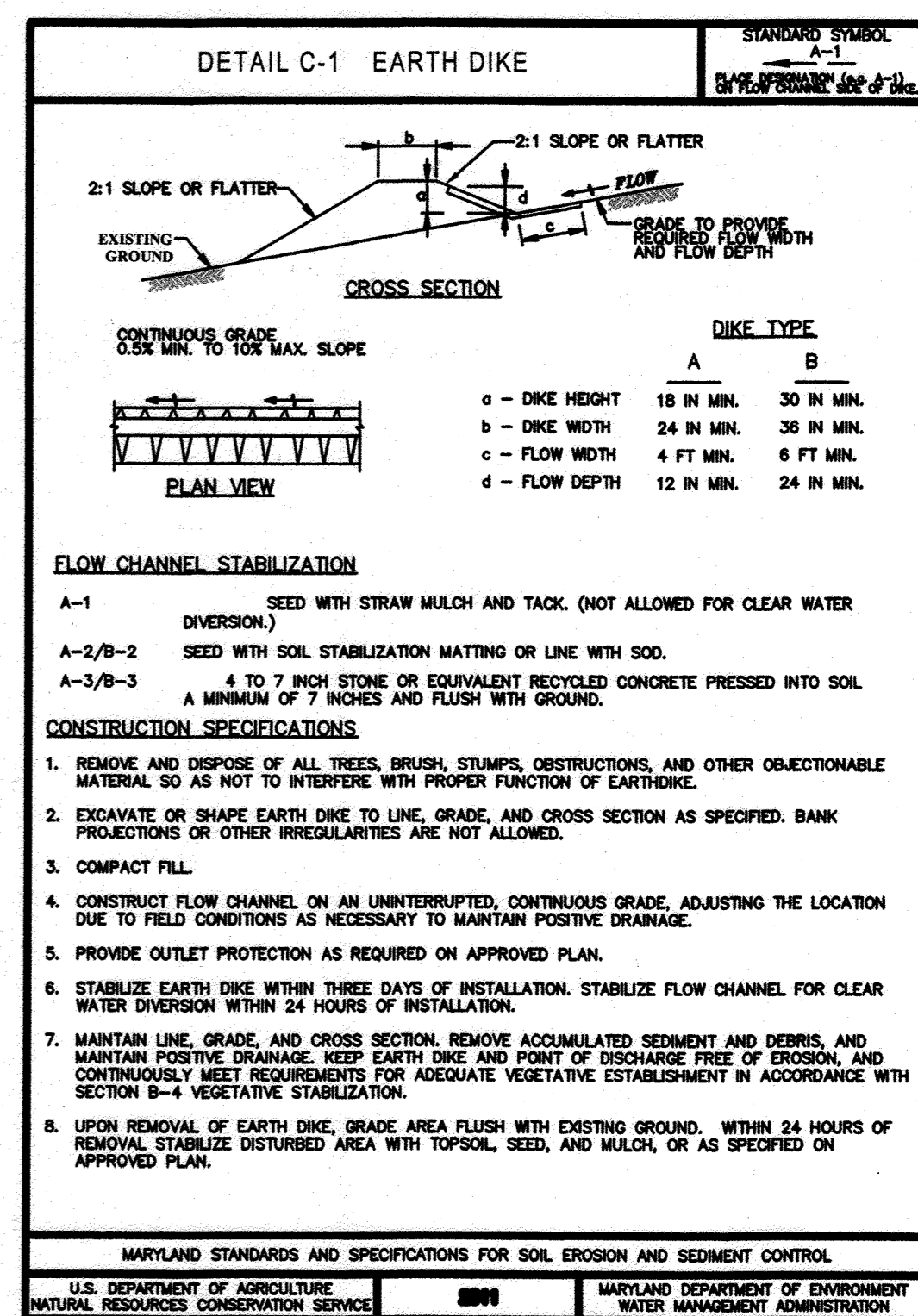
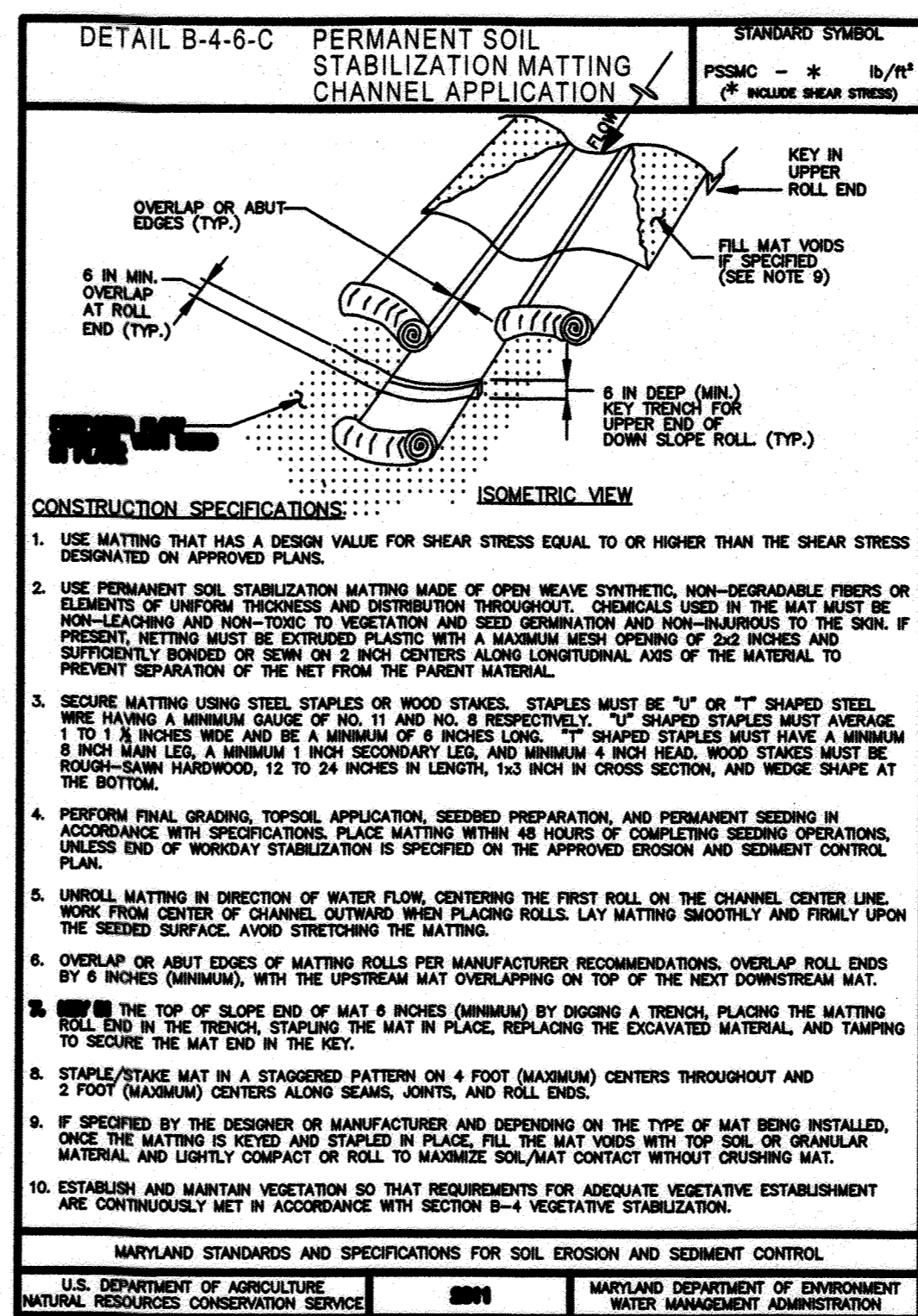
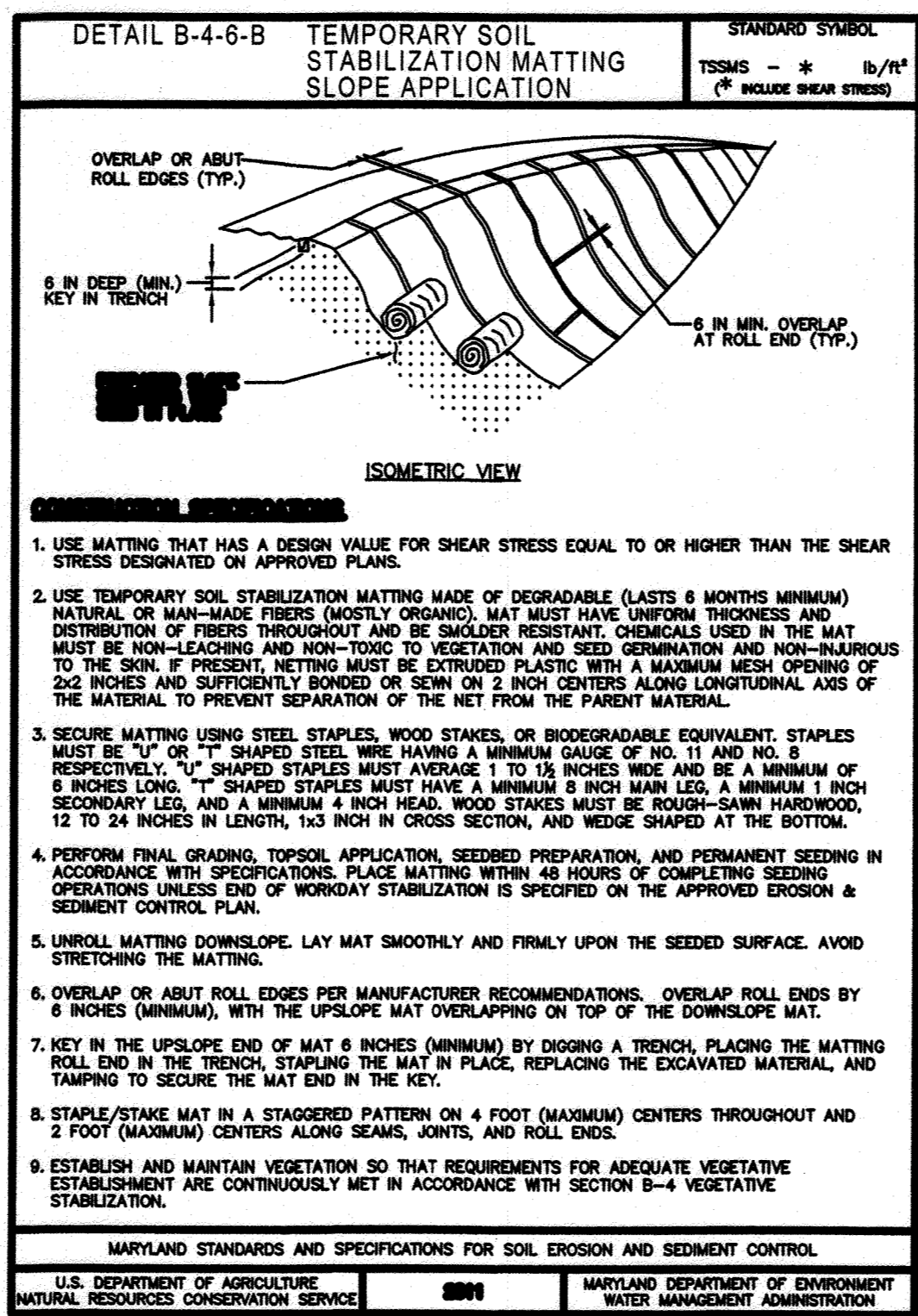
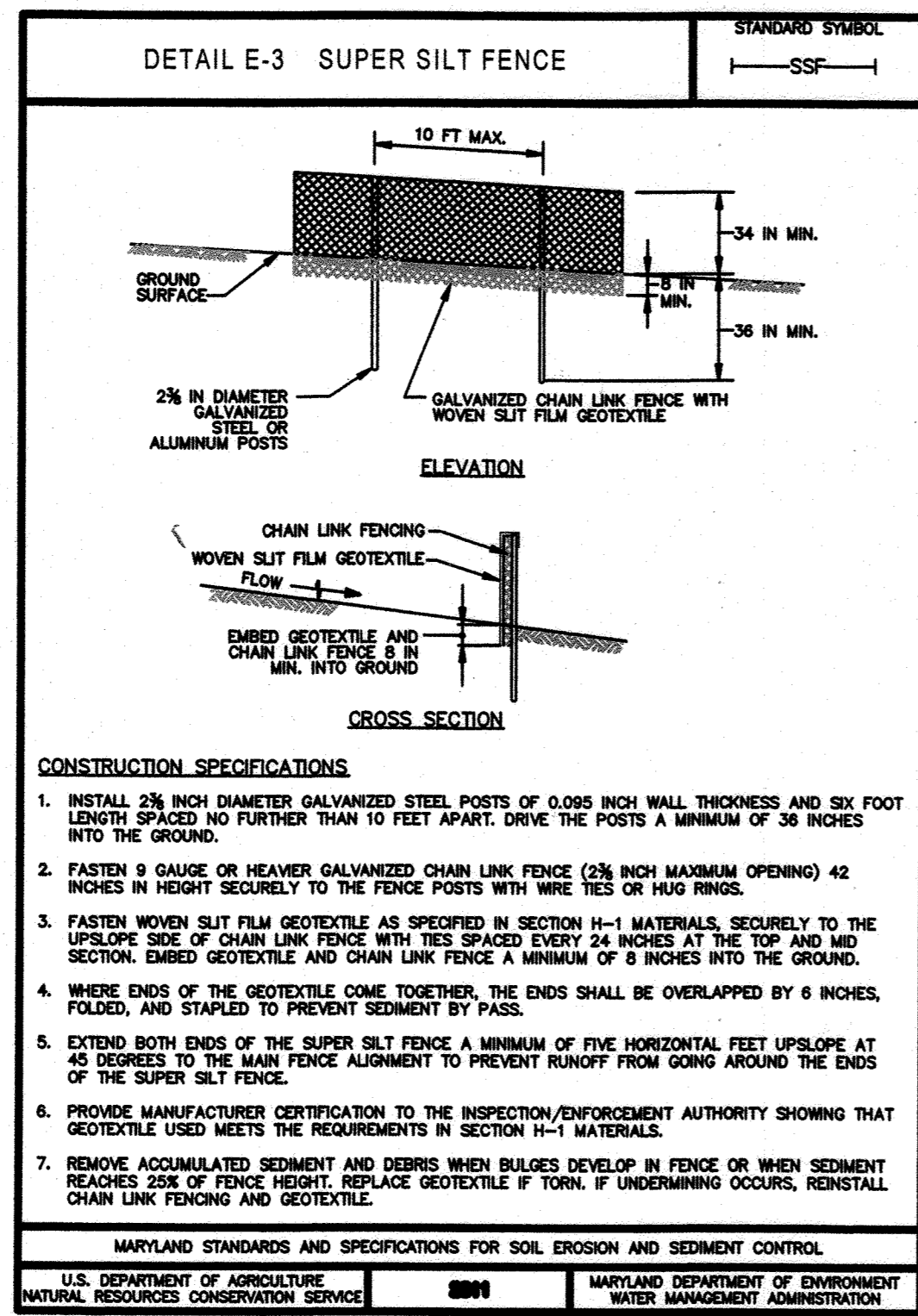
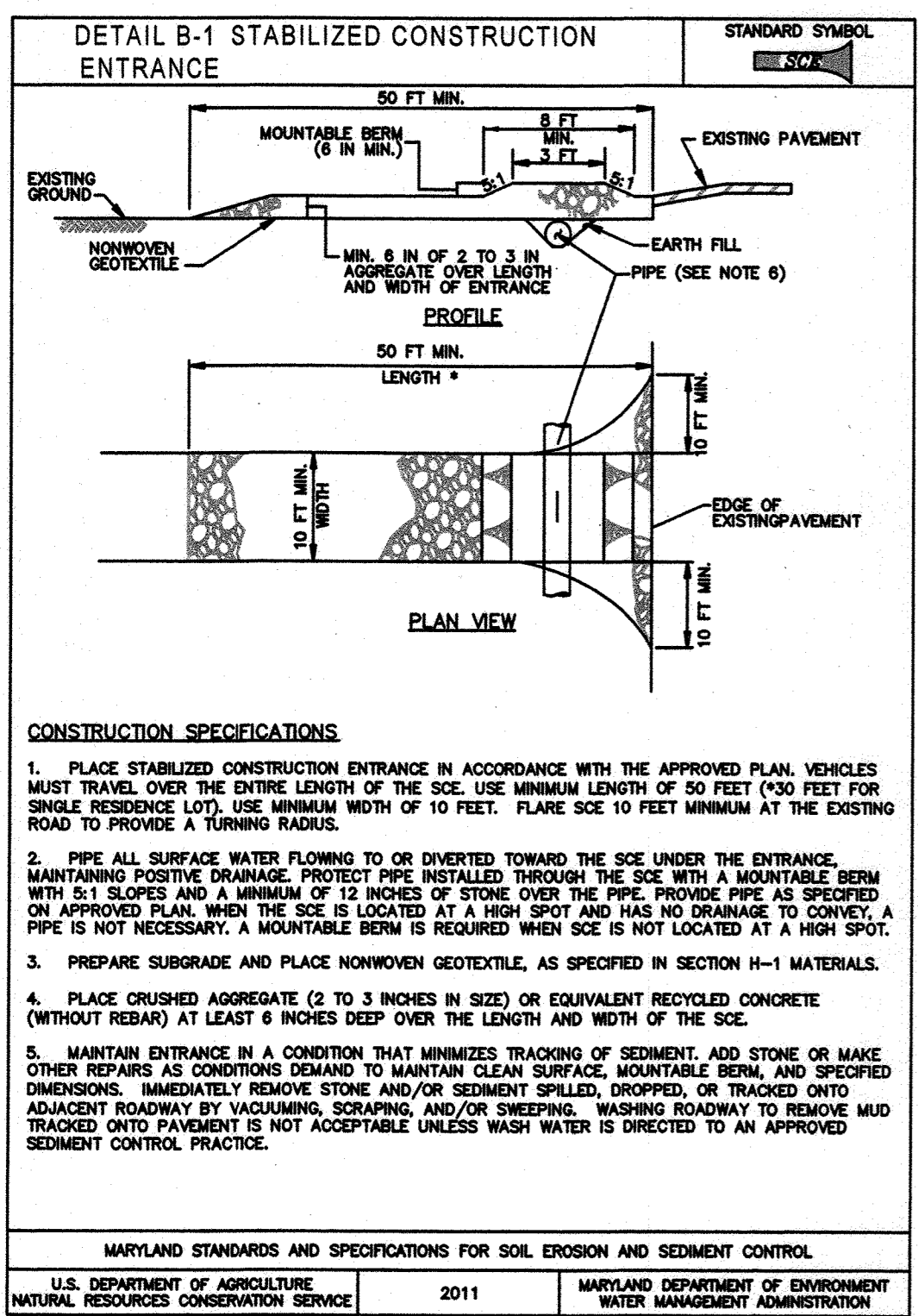
DEVELOPER'S CERTIFICATE
I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.
[Signature] 5/15/2020
Signature of Developer Date
A. RAUL DELERME
Print name below signature

*PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 490, EXPIRATION DATE: JUNE 17, 2021.



DESIGN PROFESSIONAL:
PAUL WALSKY
HOWARD CO. DEPT. OF REC. & PARKS
7120 OAKLAND MILLS ROAD
COLUMBIA, MARYLAND 21046
TELEPHONE NUMBER: 410 313-1695

NO.	REVISION	DATE
2	CRICKET FIELD	5/13/20
5	DUGOUT COVERS	7/24/21



APPROVED: DEPARTMENT OF PLANNING AND ZONING
 Director: *[Signature]* 6-9-2020 Date
 Director Division of Land Development: *[Signature]* 6/15/2020 Date
 Development Engineering: *[Signature]* 5/29/20 Date

() For the Howard Soil Conservation District
 This development plan is approved
 for soil erosion and sediment control
 by the Howard Soil Conservation
 District.
[Signature] 5/13/20 Date
 Howard Soil Conservation District

LICENSED PROFESSIONAL CERTIFICATE
 '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.'
[Signature] 5/13/20 Date
 Signature of Licensed Professional
 PAUL WALSH
 Print name below signature

DEVELOPER'S CERTIFICATE
 '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.'
[Signature] 5/13/20 Date
 Signature of Developer
 A. PAUL DEBERME
 Print name below signature

'PROFESSIONAL CERTIFICATION, I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 490, EXPIRATION DATE: JUNE 17, 2021.



DESIGN PROFESSIONAL:
 PAUL WALSH
 HOWARD CO. DEPT. OF REC. & PARKS
 7120 OAKLAND MILLS ROAD
 COLUMBIA, MARYLAND 21046
 TELEPHONE NUMBER: 410 313-1695

SCHOOLEY MILL PARK
 GRADING, EROSION & SEDIMENT CONTROL NOTES & DETAILS
 12975 HALL SHOP ROAD HIGHLAND, MARYLAND 20777
 MAP 40 GRID16 PARCEL 113 L.F.881/483 TAX ACCOUNT: 2-223082 ZONING:RR-DEO ELECTION DIST:5
 OWNER: HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS MAY 13, 2020 (SHEET 37 OF 38)



HOWARD SOIL CONSERVATION DISTRICT
 STANDARD SEDIMENT CONTROL NOTES
 1. A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction (313-1855).
 2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
 3. Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
 4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Chapter 12 of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
 5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding (Sec. 51), sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
 6. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
 Total Area of Site 178.83 Acres
 Area Disturbed 1.88 Acres
 Area to be roofed or paved 0.07 Acres
 Area to be vegetatively stabilized 3.18 Acres
 Total Cut 2,000 Cu. Yds. (APPROX.)
 Total Fill 2,000 Cu. Yds. (APPROX.)
 Define water/shadow area location: N/A
 8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
 9. Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
 10. 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 must be obtained until this initial approval by the inspection agency is made.
 11. Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized by the end of each work day, whichever is shorter.
 Rev. 9/99

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.
 Seeded Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.
 Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:
 1. Preferred -- Apply 2 tons/acre dolomitic limestone (92 lbs/1000 sq. ft.) and 600 lbs/acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil. At time of seeding, apply 400 lbs/acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq. ft.).
 2. Acceptable -- Apply 2 tons/acre dolomitic limestone (92 lbs/1000 sq. ft.) and 1000 lbs/acre 10-10-10 fertilizer (23 lbs/1000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil.
 Seeding -- For periods March 1 -- April 30, and August 15 -- October 15, seed with 60 lbs/acre (1.4 lbs/1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 -- July 31, seed with 60 lbs/acre Kentucky 31 Tall Fescue per acre and 2 lbs/acre (.05 lbs/1000) sq. ft.) of weeping lovegrass. During the period of October 16 -- February 28, protect site by:
 Option 1 -- Thin alone per acre of well anchored straw mulch and seed as soon as possible in the spring.
 Option 2 -- Use sod. Option 3 -- Seed with 60 lbs/acre Kentucky 30 Tall Fescue and mulch with 2 tons/acre well anchored straw.
 Mulching -- Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of rotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal. per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slope 8 ft. or higher, use 348 gallons per acre (8 gal/1000 sq. ft.) for anchoring.
 Maintenance -- Inspect all seeding areas and make needed repairs, replacements and reseedings.
 Apply to graded or cleared areas likely to be re-disturbed where a short-term vegetative cover is needed.
 Seeded Preparation -- Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.
 Soil Amendments -- Apply 600 lbs/acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.).
 Seeding -- For periods March 1 -- April 30 and from August 15 -- October 15, seed with 2-1/2 bushel per acre of annual rye (3.2 lbs/1000 sq. ft.). For the period May 1 -- August 14, seed with 3 lbs/acre of weeping lovegrass (.07 lbs/1000 sq. ft.). For the period November 16 -- February 28, protect site by applying 2 tons/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/acre (70 to 90 lbs/1000 sq. ft.) of rotted weed-free, small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal. per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slope 8 ft. or higher, use 348 gal. per acre (8 gal/1000 sq. ft.) for anchoring.
 Refer to the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for additional rates and methods not covered.

NO.	REVISION	DATE
2	CRICKET FIELD	5/13/20

SDP-85-036

B-4-2 STANDARDS AND SPECIFICATIONS FOR SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS

PURPOSE

TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH.

CONDITIONS WHERE PRACTICE APPLIES

WHERE VEGETATIVE STABILIZATION IS TO BE ESTABLISHED.

CRITERIA

A. SOIL PREPARATION

1. TEMPORARY STABILIZATION

- a. SEEDBED PREPARATION CONSISTS OF LOOSENING SOIL TO A DEPTH OF 3 TO 5 INCHES BY MEANS OF SUITABLE AGRICULTURAL OR CONSTRUCTION EQUIPMENT, SUCH AS DISC HARROWS OR CHISEL PLOWS OR RIPPER MOUNTED ON CONSTRUCTION EQUIPMENT. AFTER THE SOIL IS LOOSENED, IT MUST NOT BE ROLLED OR DRAGGED SMOOTH BUT LEFT IN THE ROUGHENED CONDITION. SLOPES 3:1 OR FLATTER ARE TO BE TRACKED WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE.
- b. APPLY FERTILIZER AND LIME AS PRESCRIBED ON THE PLANS.
- c. INCORPORATE LIME AND FERTILIZER INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS.

2. PERMANENT STABILIZATION

- a. A SOIL TEST IS REQUIRED FOR ANY EARTH DISTURBANCE OF 5 ACRES OR MORE. THE MINIMUM SOIL CONDITIONS REQUIRED FOR PERMANENT VEGETATIVE ESTABLISHMENT ARE:
 - i. SOIL PH BETWEEN 6.0 AND 7.0.
 - ii. SOLUBLE SALTS LESS THAN 500 PARTS PER MILLION (PPM).
 - iii. SOIL CONTAINS LESS THAN 40 PERCENT CLAY BUT ENOUGH FINE GRAINED MATERIAL (GREATER THAN 30 PERCENT SILT PLUS CLAY) TO PROVIDE THE CAPACITY TO HOLD A MODERATE AMOUNT OF MOISTURE, AN EXCEPTION: IF LOVEGRASS WILL BE PLANTED, THEN A SANDY SOIL (LESS THAN 30 PERCENT SILT PLUS CLAY) WOULD BE ACCEPTABLE.
 - iv. SOIL CONTAINS 1.5 PERCENT MINIMUM ORGANIC MATTER BY WEIGHT.
 - v. SOIL CONTAINS SUFFICIENT PORE SPACE TO PERMIT ADEQUATE ROOT PENETRATION.

- b. APPLICATION OF AMENDMENTS OR TOPSOIL IS REQUIRED IF ON-SITE SOILS DO NOT MEET THE ABOVE CONDITIONS.
- c. GRADED AREAS MUST BE MAINTAINED IN A TRUE AND EVEN GRADE AS SPECIFIED ON THE APPROVED PLAN, THEN SCARIFIED OR OTHERWISE LOOSENED TO A DEPTH OF 3 TO 5 INCHES.
- d. APPLY SOIL AMENDMENTS AS SPECIFIED ON THE APPROVED PLAN OR AS INDICATED BY THE RESULTS OF A SOIL TEST.
- e. MIX SOIL AMENDMENTS INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS. RAKE LAWN AREAS TO SMOOTH THE SURFACE, REMOVE LARGE OBJECTS LIKE STONES AND BRANCHES, AND READY THE AREA FOR SEED APPLICATION. LOOSEN SURFACE SOIL BY DRAGGING WITH A HEAVY CHAIN OR OTHER EQUIPMENT TO ROUGHEN THE SURFACE WHERE SITE CONDITIONS WILL NOT PERMIT NORMAL SEEDBED PREPARATION. TRACK SLOPES 3:1 OR FLATTER WITH TRACKED EQUIPMENT LEAVING THE SOIL IN AN IRREGULAR CONDITION WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE. LEAVE THE TOP 1 TO 3 INCHES OF SOIL LOOSE AND FRIABLE. SEEDBED LOOSENING MAY BE UNNECESSARY ON NEWLY DISTURBED AREAS.

- f. MIX SOIL AMENDMENTS INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS. RAKE LAWN AREAS TO SMOOTH THE SURFACE, REMOVE LARGE OBJECTS LIKE STONES AND BRANCHES, AND READY THE AREA FOR SEED APPLICATION. LOOSEN SURFACE SOIL BY DRAGGING WITH A HEAVY CHAIN OR OTHER EQUIPMENT TO ROUGHEN THE SURFACE WHERE SITE CONDITIONS WILL NOT PERMIT NORMAL SEEDBED PREPARATION. TRACK SLOPES 3:1 OR FLATTER WITH TRACKED EQUIPMENT LEAVING THE SOIL IN AN IRREGULAR CONDITION WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE. LEAVE THE TOP 1 TO 3 INCHES OF SOIL LOOSE AND FRIABLE. SEEDBED LOOSENING MAY BE UNNECESSARY ON NEWLY DISTURBED AREAS.

B. TOPSOILING

- 1. TOPSOIL IS PLACED OVER PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION. THE PURPOSE IS TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION.
- 2. TOPSOIL SALVAGED FROM AN EXISTING SITE MAY BE PROVIDED IF IT MEETS THE STANDARDS SET FORTH IN THESE SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN SOIL TYPE CAN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA-NRCS.
- 3. TOPSOILING IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE:
 - a. THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE VEGETATIVE GROWTH.
 - b. THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS.

- c. THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.
- d. THE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.
- 4. AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN.
- 5. TOPSOIL SPECIFICATIONS: SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING CRITERIA:
 - a. TOPSOIL MUST BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, OR LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. TOPSOIL MUST NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND MUST CONTAIN LESS THAN 5 PERCENT BY VOLUME OF CHUNKS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2 INCHES IN DIAMETER.
 - b. TOPSOIL MUST BE FREE OF NOXIOUS PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACK GRASS, JOHNSON GRASS, NUT SEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.
 - c. TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN LIEU OF NATURAL TOPSOIL.
- 6. TOPSOIL APPLICATION
 - a. EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED WHEN APPLYING TOPSOIL.
 - b. UNIFORMLY DISTRIBUTE TOPSOIL IN A 5 TO 8 INCH LAYER AND LIGHTLY COMPACT TO A MINIMUM THICKNESS OF 4 INCHES. SPREADING IS TO BE PERFORMED IN SUCH A MANNER THAT SODDING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS MUST BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.
 - c. TOPSOIL MUST NOT BE PLACED IF THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION.

C. SOIL AMENDMENTS (FERTILIZER AND LIME SPECIFICATIONS)

- 1. SOIL TESTS MUST BE PERFORMED TO DETERMINE THE EXACT RATIOS AND APPLICATION RATES FOR BOTH LIME AND FERTILIZER ON SITES HAVING DISTURBED AREAS OF 5 ACRES OR MORE. SOIL ANALYSIS MAY BE PERFORMED BY A RECOGNIZED PRIVATE OR COMMERCIAL LABORATORY. SOIL SAMPLES TAKEN FOR ENGINEERING PURPOSES MAY ALSO BE USED FOR CHEMICAL ANALYSES.
- 2. FERTILIZERS MUST BE UNIFORM IN COMPOSITION, FREE FLOWING AND SUITABLE FOR ACCURATE APPLICATION BY APPROPRIATE EQUIPMENT. MANURE MAY BE SUBSTITUTED FOR FERTILIZER WITH PRIOR APPROVAL FROM THE APPROPRIATE APPROVAL AUTHORITY. FERTILIZERS MUST ALL BE DELIVERED TO THE SITE FULLY LABELED ACCORDING TO THE APPLICABLE LAWS AND MUST BEAR THE NAME, TRADE NAME OR TRADEMARK AND WARRANTY OF THE PRODUCER.
- 3. LIME MATERIALS MUST BE GROUND LIMESTONE (HYDRATED OR BURNT LIME MAY BE SUBSTITUTED EXCEPT WHEN HYDROSEEDING) WHICH CONTAINS AT LEAST 50 PERCENT TOTAL OXIDES (CALCIUM OXIDE PLUS MAGNESIUM OXIDE). LIMESTONE MUST BE GROUND TO SUCH FINENESS THAT AT LEAST 50 PERCENT WILL PASS THROUGH A #100 MESH SIEVE AND 98 TO 100 PERCENT WILL PASS THROUGH A #20 MESH SIEVE.
- 4. LIME AND FERTILIZER ARE TO BE EVENLY DISTRIBUTED AND INCORPORATED INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS.
- 5. WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, SPREAD GROUND LIMESTONE AT THE RATE OF 4 TO 8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL.

B-4-3 STANDARDS AND SPECIFICATIONS FOR SEEDING AND MULCHING

PURPOSE

TO PROTECT DISTURBED SOILS FROM EROSION DURING AND AT THE END OF CONSTRUCTION.

CONDITIONS WHERE PRACTICE APPLIES

TO THE SURFACE OF ALL PERIMETER CONTROLS, SLOPES, AND ANY DISTURBED AREA NOT UNDER ACTIVE GRADING.

CRITERIA

1. SEEDING

- A. SPECIFICATIONS
 - a. ALL SEED MUST MEET THE REQUIREMENTS OF THE MARYLAND STATE SEED LAW. ALL SEED MUST BE SUBJECT TO RE-TESTING BY A RECOGNIZED SEED LABORATORY. ALL SEED USED MUST HAVE BEEN TESTED WITHIN THE 6 MONTHS IMMEDIATELY PRECEDING THE DATE OF SOWING SUCH MATERIAL ON ANY PROJECT. REFER TO TABLE B.4 REGARDING THE QUALITY OF SEED. SEED TAGS MUST BE AVAILABLE UPON REQUEST TO THE INSPECTOR TO VERIFY TYPE OF SEED AND SEEDING RATE.
 - b. MULCH ALONE MAY BE APPLIED BETWEEN THE FALL AND SPRING SEEDING DATES ONLY IF THE GROUND IS FROZEN, THE APPROPRIATE SEEDING MIXTURE MUST BE APPLIED WHEN THE GROUND THAWES.
 - c. INOCULANTS: THE INOCULANT FOR TREATING LEGUME SEED IN THE SEED MIXTURES MUST BE A PURE CULTURE OF NITROGEN FIXING BACTERIA PREPARED SPECIFICALLY FOR THE SPECIES. INOCULANTS MUST NOT BE USED LATER THAN THE DATE INDICATED ON THE CONTAINER. ADD FRESH INOCULANTS AS DIRECTED ON THE PACKAGE. USE FOUR TIMES THE RECOMMENDED RATE WHEN HYDROSEEDING. NOTE: IT IS VERY IMPORTANT TO KEEP INOCULANT AS COOL AS POSSIBLE UNTIL USED. TEMPERATURES ABOVE 75 TO 80 DEGREES FAHRENHEIT CAN WEAKEN BACTERIA AND MAKE THE INOCULANT LESS EFFECTIVE.
 - d. SOD OR SEED MUST NOT BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS.

B. APPLICATION

- a. DRY SEEDING: THIS INCLUDES USE OF CONVENTIONAL DROP OR BROADCAST SPREADERS.
- i. INCORPORATE SEED INTO THE SUBSOIL AT THE RATES PRESCRIBED ON TEMPORARY SEEDING TABLE B.1, PERMANENT SEEDING TABLE B.3, OR SITE-SPECIFIC SEEDING SUMMARIES.
- ii. APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH OTHER. APPLY HALF THE SEEDING RATE IN EACH DIRECTION. ROLL THE SEEDING AREA WITH A WEIGHTED ROLLER TO PROVIDE GOOD SEED TO SOIL CONTACT.
- b. DRILL OR CULTPACKER SEEDING: MECHANIZED SEEDERS THAT APPLY AND COVER SEED WITH SOIL.
- c. CULTPACKER SEEDERS ARE REQUIRED TO BURY THE SEED IN SUCH A FASHION AS TO PROVIDE AT LEAST 1/4 INCH OF SOIL COVERING. SEEDBED MUST BE FIRM AFTER PLANTING.
- ii. APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH OTHER. APPLY HALF THE SEEDING RATE IN EACH DIRECTION.
- c. HYDROSEEDING: APPLY SEED UNIFORMLY WITH HYDROSEEDER (SLURRY INCLUDES SEED AND FERTILIZER).

- i. IF FERTILIZER IS BEING APPLIED AT THE TIME OF SEEDING, THE APPLICATION RATES SHOULD NOT EXCEED THE FOLLOWING: NITROGEN, 100 POUNDS PER ACRE TOTAL OF SOLUBLE NITROGEN; P2O5 (PHOSPHOROUS), 200 POUNDS PER ACRE; K2O (POTASSIUM), 200 POUNDS PER ACRE.
- ii. LIME USE ONLY GROUND AGRICULTURAL LIMESTONE (UP TO 3 TONS PER ACRE MAY BE APPLIED BY HYDROSEEDING); NORMALLY, NOT MORE THAN 2 TONS ARE APPLIED BY HYDROSEEDING AT ANY ONE TIME. DO NOT USE BURNT OR HYDRATED LIME WHEN HYDROSEEDING.
- iii. MIX SEED AND FERTILIZER ON SITE AND SEED IMMEDIATELY AND WITHOUT INTERRUPTION.
- iv. WHEN HYDROSEEDING DO NOT INCORPORATE SEED INTO THE SOIL.

2. MULCHING

- A. MULCH MATERIALS (IN ORDER OF PREFERENCE)
 - a. STRAW CONSISTING OF THOROUGHLY THRESHED WHEAT, RYE, OAT, OR BARLEY AND REASONABLY BRIGHT IN COLOR. STRAW IS TO BE FREE OF NOXIOUS WEED SEEDS AS SPECIFIED IN THE MARYLAND SEED LAW AND NOT MUSTY, MOLDY, CAKED, DECAYED, OR EXCESSIVELY DUSTY. NOTE: USE ONLY STERILE STRAW MULCH IN AREAS WHERE ONE SPECIES OF GRASS IS DESIRED.
 - b. WOOD CELLULOSE FIBER MULCH (WCFM) CONSISTING OF SPECIALLY PREPARED WOOD CELLULOSE PROCESSED INTO A UNIFORM FIBROUS PHYSICAL STATE.
 - i. WCFM IS TO BE DYED GREEN OR CONTAIN A GREEN DYE IN THE PACKAGE THAT WILL PROVIDE AN APPROPRIATE COLOR TO FACILITATE VISUAL INSPECTION OF THE UNIFORMLY SPREAD SLURRY.
 - ii. WCFM, INCLUDING DYE, MUST CONTAIN NO GERMINATION OR GROWTH INHIBITING FACTORS.
 - iii. WCFM MATERIALS ARE TO BE MANUFACTURED AND PROCESSED IN SUCH A MANNER THAT THE WOOD CELLULOSE FIBER MULCH WILL REMAIN IN UNIFORM SUSPENSION IN WATER UNDER AGITATION AND WILL BLEND WITH SEED, FERTILIZER AND OTHER ADDITIVES TO FORM A HOMOGENEOUS SLURRY. THE MULCH MATERIAL MUST FORM A BLOTTER-LIKE GROUND COVER, ON APPLICATION, HAVING MOISTURE ABSORPTION AND PERCOLATION PROPERTIES AND MUST COVER AND HOLD GRASS SEED IN CONTACT WITH THE SOIL WITHOUT INHIBITING THE GROWTH OF THE GRASS SEEDLINGS.
 - iv. WCFM MATERIAL MUST NOT CONTAIN ELEMENTS OR COMPOUNDS AT CONCENTRATION LEVELS THAT WILL BE PHYTO-TOXIC.
 - v. WCFM MUST CONFORM TO THE FOLLOWING PHYSICAL REQUIREMENTS: FIBER LENGTH OF APPROXIMATELY 10 MILLIMETERS; DIAMETER APPROXIMATELY 1 MILLIMETER, PH RANGE OF 4.0 TO 8.5, ASH CONTENT OF 1.6 PERCENT MAXIMUM AND WATER HOLDING CAPACITY OF 90 PERCENT MINIMUM.
- B. APPLICATION
 - a. APPLY MULCH TO ALL SEEDED AREAS IMMEDIATELY AFTER SEEDING.
 - b. WHEN STRAW MULCH IS USED, SPREAD IT OVER ALL SEEDED AREAS AT THE RATE OF 2 TONS PER ACRE TO A UNIFORM LOOSE DEPTH OF 1 TO 2 INCHES. APPLY MULCH TO ACHIEVE A UNIFORM DISTRIBUTION AND DEPTH SO THAT THE SOIL SURFACE IS NOT EXPOSED. WHEN USING A MULCH ANCHORING TOOL, INCREASE THE APPLICATION RATE TO 2.5 TONS PER ACRE.
 - c. WOOD CELLULOSE FIBER USED AS MULCH MUST BE APPLIED AT A NET DRY WEIGHT OF 1500 POUNDS PER ACRE. MIX THE WOOD CELLULOSE FIBER WITH WATER TO ATTAIN A MIXTURE WITH A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER.
 - C. ANCHORING
 - a. PERFORM MULCH ANCHORING IMMEDIATELY FOLLOWING APPLICATION OF MULCH TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS (LISTED BY PREFERENCE), DEPENDING UPON THE SIZE OF THE AREA AND EROSION HAZARD:
 - i. A MULCH ANCHORING TOOL IS A TRACTOR DRAWN IMPLEMENT DESIGNED TO PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE A MINIMUM OF 2 INCHES. THIS PRACTICE IS MOST EFFECTIVE ON LARGE AREAS, BUT IS LIMITED TO FLATTER SLOPES WHERE EQUIPMENT CAN OPERATE SAFELY. IF USED ON SLOPING LAND, THIS PRACTICE SHOULD FOLLOW THE CONTOUR.
 - ii. WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. APPLY THE FIBER BINDER AT A NET DRY WEIGHT OF 750 POUNDS PER ACRE. MIX THE WOOD CELLULOSE FIBER WITH WATER AT A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER.
 - iii. SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRO-TACK), DCA-70, PETROSET, TERRA TIX, TERRA TACK AR OR OTHER APPROVED EQUIPMENT MAY BE USED. FOLLOW APPLICATION RATES AS SPECIFIED BY THE MANUFACTURER. APPLICATION OF LIQUID BINDERS NEEDS TO BE HEAVIER AT THE EDGES WHERE MULCH SUCH AS IN VALLEYS AND ON CRESTS OF BANKS. USE OF ASPHALT BINDERS IS STRICTLY PROHIBITED.
 - iv. LIGHTWEIGHT PLASTIC NETTING MAY BE STAPLED OVER THE MULCH ACCORDING TO MANUFACTURER RECOMMENDATIONS. NETTING IS USUALLY AVAILABLE IN ROLLS 4 TO 15 FEET WIDE AND 300 TO 3,000 FEET LONG.

B-4-8 STANDARDS AND SPECIFICATIONS FOR STOCKPILE AREA

CRITERIA

- 1. THE STOCKPILE LOCATION AND ALL RELATED SEDIMENT CONTROL PRACTICES MUST BE CLEARLY INDICATED ON THE EROSION AND SEDIMENT CONTROL PLAN.
- 2. THE STOCKPILE MUST BE SIZED TO ACCOMMODATE THE ANTICIPATED VOLUME OF MATERIAL AND BASED ON A SIDE SLOPE RATIO NO STEEPER THAN 2:1. BENCHING MUST BE PROVIDED IN ACCORDANCE WITH SECTION B-3 LAND GRADING.
- 3. RUNOFF FROM THE STOCKPILE AREA MUST DRAIN TO A SUITABLE SEDIMENT CONTROL PRACTICE.
- 4. ACCESS TO THE STOCKPILE AREA FROM THE UPGRADE SIDE.
- 5. CLEAR WATER RUNOFF INTO THE STOCKPILE AREA MUST BE MINIMIZED BY USE OF A DIVERSION DEVICE SUCH AS AN EARTH DIKE, TEMPORARY SWALE OR DIVERSION FENCE. PROVISIONS MUST BE MADE FOR DISCHARGING CONCENTRATED FLOW IN A NON-EROSIVE MANNER.
- 6. WHERE RUNOFF CONCENTRATES ALONG THE TOE OF THE STOCKPILE FILL, AN APPROPRIATE EROSION/SEDIMENT CONTROL PRACTICE MUST BE USED TO INTERCEPT THE DISCHARGE.
- 7. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 3/7 DAY STABILIZATION REQUIREMENT AS WELL AS STANDARD B-4-1 INCREMENTAL STABILIZATION AND STANDARD B-4-4 TEMPORARY STABILIZATION.
- 8. IF THE STOCKPILE IS LOCATED ON AN IMPERVIOUS SURFACE, A LINER SHOULD BE PROVIDED BELOW THE STOCKPILE TO FACILITATE CLEANUP. STOCKPILES CONTAINING CONTAMINATED MATERIAL MUST BE COVERED WITH IMPERMEABLE SHEETING.

MAINTENANCE

THE STOCKPILE AREA MUST CONTINUOUSLY MEET THE REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN A 2:1 RATIO. THE STOCKPILE AREA MUST BE KEPT FREE OF EROSION. IF THE VERTICAL HEIGHT OF A STOCKPILE EXCEEDS 20 FEET FOR 2:1 SLOPES, 30 FEET FOR 3:1 SLOPES, OR 40 FEET FOR 4:1 SLOPES, BENCHING MUST BE PROVIDED IN ACCORDANCE WITH SECTION B-3 LAND GRADING.

HOWARD SOIL CONSERVATION DISTRICT (HSCD) STANDARD SEDIMENT CONTROL NOTES

- 1. A PRE-CONSTRUCTION MEETING MUST OCCUR WITH THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS, CONSTRUCTION INSPECTION DIVISION (CID), 410-313-1855 AFTER THE FUTURE LOD AND PROTECTED AREAS ARE MARKED CLEARLY IN THE FIELD. A MINIMUM OF 48 HOUR NOTICE TO CID MUST BE GIVEN AT THE FOLLOWING STAGES:
 - A. PRIOR TO THE START OF EARTH DISTURBANCE.
 - B. UPON COMPLETION OF THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
 - C. PRIOR TO THE START OF ANOTHER PHASE OF CONSTRUCTION OR OPENING OF ANOTHER GRADING UNIT.
 - D. PRIOR TO THE REMOVAL OR MODIFICATION OF SEDIMENT CONTROL PRACTICES.
 OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE. OTHER RELATED STATE AND FEDERAL PERMITS SHALL BE REFERENCED, TO ENSURE COORDINATION AND TO AVOID CONFLICTS WITH THIS PLAN.

- 2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND REVISIONS THERETO.
- 3. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION IS REQUIRED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED AREAS ON THE PROJECT SITE EXCEPT FOR THOSE AREAS UNDER ACTIVE GRADING.

- 4. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR TOPSOIL (SEC. B-4-2), PERMANENT SEEDING (SEC. B-4-5), TEMPORARY SEEDING (SEC. B-4-4) AND MULCHING (SEC. B-4-3). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE APPLIED BETWEEN THE FALL AND SPRING SEEDING DATES IF THE GROUND IS FROZEN. INCREMENTAL STABILIZATION (SEC. B-4-1) SPECIFICATIONS SHALL BE ENFORCED IN AREAS WITH >15% OF CUT AND/OR FILL. STOCKPILES (SEC. B-4-8) IN EXCESS OF 20 FT. MUST BE BENCHING WITH STABLE OUTLET. ALL CONCENTRATED FLOW, STEEP SLOPE, AND HIGHLY ERODIBLE AREAS SHALL RECEIVE SOIL STABILIZATION MATTING (SEC. B-4-6).

- 5. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE, AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE CID.

- 6. SITE ANALYSIS:
 - TOTAL AREA OF SITE: 189.65 +/- ACRES
 - AREA DISTURBED: 0.97 +/- ACRES
 - AREA TO BE ROOFED OR PAVED: 0.00 +/- ACRES
 - AREA TO BE VEGETATIVELY STABILIZED: 0.97 +/- ACRES
 - TOTAL CUT: 1 CU. YDS.
 - TOTAL FILL: 195 CU. YDS.
 - OFFSITE WASTE/BORROW AREA LOCATION: TBD - SITE WITH ACTIVE GRADING PERMIT
 - NOTE: CONTRACTOR TO CONFIRM CUT AND FILL QUANTITIES.

- 7. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.

- 8. ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE CID, THE SITE AND ALL CONTROLS SHALL BE INSPECTED BY THE CONTRACTOR WEEKLY, AND THE NEXT DAY AFTER EACH RAIN EVENT. A WRITTEN REPORT BY THE CONTRACTOR, MADE AVAILABLE UPON REQUEST, IS PART OF EVERY INSPECTION AND SHOULD INCLUDE:
 - INSPECTION DATE
 - INSPECTION TYPE (ROUTINE, PRE-STORM EVENT, DURING RAIN EVENT)
 - NAME AND TITLE OF INSPECTOR
 - WEATHER INFORMATION (CURRENT CONDITIONS AS WELL AS TIME AND AMOUNT OF LAST RECORDED PRECIPITATION)
 - BRIEF DESCRIPTION OF PROJECTS STATUS (E.G., PERCENT COMPLETE) AND/OR CURRENT ACTIVITIES
 - EVIDENCE OF SEDIMENT DISCHARGES
 - IDENTIFICATION OF PLAN DEFICIENCIES
 - IDENTIFICATION OF SEDIMENT CONTROLS THAT REQUIRE MAINTENANCE
 - IDENTIFICATION OF MISSING OR IMPROPERLY INSTALLED SEDIMENT CONTROLS
 - COMPLIANCE STATUS REGARDING THE SEQUENCE OF CONSTRUCTION AND STABILIZATION REQUIREMENTS
 - PHOTOGRAPHS
 - MONITORING/SAMPLING
 - MAINTENANCE AND/OR CORRECTIVE ACTION PERFORMED
 - OTHER INSPECTION ITEMS AS REQUIRED BY THE GENERAL PERMIT FOR STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES (NPDES, MDE).

- 9. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN AND SHALL BE BACK-FILLED AND STABILIZED BY THE END OF EACH WORKDAY, WHICHEVER IS SHORTER.

- 10. ANY MAJOR CHANGES OR REVISIONS TO THE PLAN OR SEQUENCE OF CONSTRUCTION MUST BE REVIEWED AND APPROVED BY THE HSCD PRIOR TO PROCEEDING WITH CONSTRUCTION. MINOR REVISIONS MAY ALLOWED BY THE CID PER THE LIST OF HSCD-APPROVED FIELD CHANGES.

- 11. DISTURBANCE SHALL NOT OCCUR OUTSIDE THE L.O.D. A PROJECT IS TO BE SEQUENCED SO THAT GRADING ACTIVITIES BEGIN ON ONE GRADING UNIT (MAXIMUM ACREAGE OF 20 AC. PER GRADING UNIT) AT A TIME. WORK MAY PROCEED TO A SUBSEQUENT GRADING UNIT WHEN AT LEAST 50 PERCENT OF THE DISTURBED AREA IN THE PRECEDING GRADING UNIT HAS BEEN STABILIZED AND APPROVED BY THE CID, UNLESS OTHERWISE SPECIFIED AND APPROVED BY THE HSCD, NO MORE THAN 30 ACRES CUMULATIVELY MAY BE DISTURBED AT A GIVEN TIME.

- 12. WASH WATER FROM ANY EQUIPMENT, VEHICLES, WHEELS, PAVEMENT, AND OTHER SOURCES MUST BE TREATED IN A SEDIMENT BASIN OR OTHER APPROVED WASHOUT STRUCTURE.

- 13. TOPSOIL SHALL BE STOCKPILED AND PRESERVED ON-SITE FOR REDISTRIBUTION ONTO FINAL GRADE.

- 14. ALL SILT FENCE AND SUPER SILT FENCE SHALL BE PLACED ON-THE-CONTOUR, AND BE IMBRICATED AT 25' MINIMUM INTERVALS, WITH LOWER ENDS CURLED UP HILL BY 2' IN ELEVATION.
- 15. STREAM CHANNELS MUST NOT BE DISTURBED DURING THE FOLLOWING RESTRICTED TIME PERIODS (INCLUSIVE):
 - USE I AND II MARCH 1 - JUNE 15
 - USE III AND IIII OCTOBER 1 - APRIL 30
 - USE IV MARCH 1 - MAY 31

- 16. A COPY OF THIS PLAN, THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND ASSOCIATED PERMITS SHALL BE ON-SITE AND AVAILABLE WHEN THE SITE IS ACTIVE.

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 33772 EXP. DATE: 06/16/2023



EROSION & SEDIMENT CONTROL NOTES
 SCHOOLEY MILL PARK
 12975 HALL SHOP ROAD
 PARCEL 113
 L881 F.483
 HOWARD COUNTY, MARYLAND
 ELECTION DISTRICT 5

DRAWING NO.
 SHEET 38 OF 39
 KCI JOB NUMBER
 272208054

OWNERS / DEVELOPERS CERTIFICATION
 I/WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION, OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS APPROVED EROSION AND SEDIMENT CONTROL PLAN, INCLUDING INSPECTING AND MAINTAINING CONTROLS, AND THAT THE RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF TRAINING AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) APPROVED TRAINING PROGRAM FOR THE CONTROL ON EROSION AND SEDIMENT PRIOR TO BEGINNING THE PROJECT. I CERTIFY RIGHT-OF-ENTRY FOR PERIODIC ON-SITE EVALUATION BY HOWARD COUNTY, THE HOWARD SOIL CONSERVATION DISTRICT AND/OR MDE.*
 Signature: *Nicholas MORGAL* (Acting) DATE: 4/24/2023
 OWNER / DEVELOPER SIGNATURE DATE

DESIGN CERTIFICATION
 I HEREBY CERTIFY THAT THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH CURRENT MARYLAND EROSION AND SEDIMENT CONTROL LAWS, REGULATIONS, AND STANDARDS, THAT IT REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE, AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.*
 Signature: *Nicholas BARRICK* DATE: 5/1/23
 PRINTED NAME DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Signature: *[Signature]* DATE: 5/2/23
 DIRECTOR
 Signature: *[Signature]* DATE: 5/1/23
 CHIEF, DIVISION OF LAND DEVELOPMENT
 Signature: *[Signature]* DATE: 5/1/23
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

ENGINEER
 KCI TECHNOLOGIES, INC.
 11830 W. MARKET PLACE, SUITE F
 FORT WASHINGTON, MD 20745
 CONTACT: EVAN MITCHELL
 EMAIL: EVAN.MITCHELL@KCI.COM
 PHONE: (301) 882-9529

OWNER/DEVELOPER
 HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS
 7120 OAKLAND MILLS ROAD
 COLUMBIA, MD 21046
 ATTN: PAUL WALSKY
 EMAIL: PWALSKY@HOWARDCOUNTYMD.GOV
 PHONE: (410) 313-4031



NO.		REVISIONS		DATE	
		DESCRIPTION		SCALE	
				03/10/2023	1"=30'
					DESIGNED BY EWM
					CHECKED BY NB

