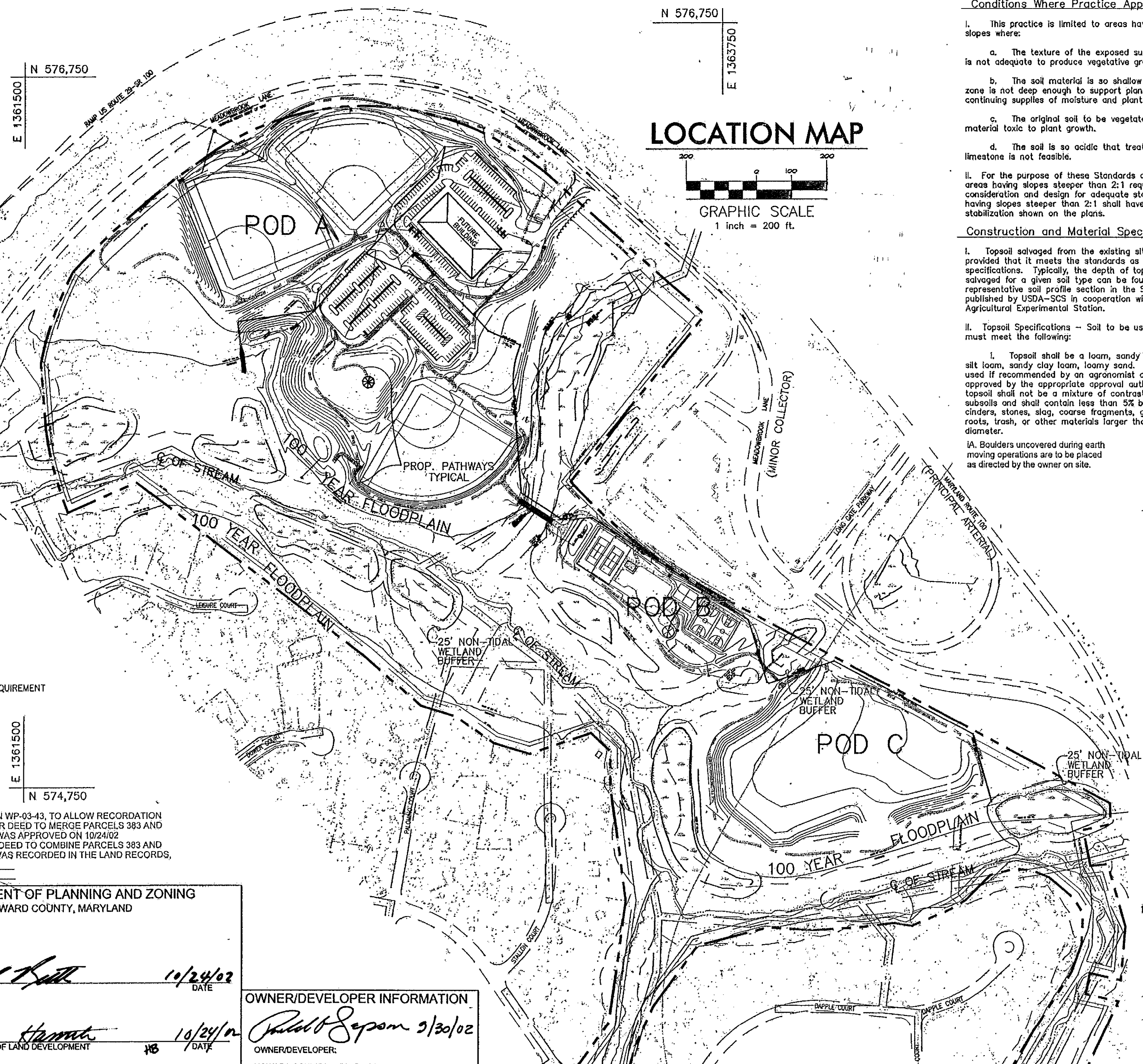


GENERAL SITE NOTES:

- DEVELOPER/OWNER: HOWARD COUNTY BUREAU OF PUBLIC WORKS
9250 BENDIX ROAD
ELLICOTT CITY, MD, 21043 PHONE: (410) 313-4886
- WATER PLANNING CATEGORY: F09
- SEWERAGE PLANNING CATEGORY: 5750615
- SUBJECT PROPERTY IS LOCATED ON TAX MAP NO. 30, PARCELS 383 AND 387.
- PRESENT ZONING IS R-20 (RESIDENTIAL SINGLE - 2 UNITS/ACRE), AS PER 10/18/93 COMPREHENSIVE ZONING PLAN.
- TOTAL AREA OF PROPERTY: 76.37 ACRES.
CURRENT TAX MAPS SHOW SITE AREA TO BE 84.20 ACRES. 7.83 ACRES WERE DEEDED TO THE MARYLAND STATE HIGHWAY ADMINISTRATION.
- PROPERTY REFERENCE:
DEED REFERENCE: 1257/335, 1260/137, 1272/497
- PARKING DATA:
A. INTENDED USE OF STRUCTURE: INDOOR AND OUTDOOR RECREATIONAL FACILITIES
B. NUMBER OF SPACES REQUIRED: 258 SPACES
C. NUMBER OF SPACES PROVIDED: 317 SPACES INCLUDING 8 ADA SPACES
D. TOTAL ONSITE: 317/ONSITE SPACES
- 20 SPACES PER BALL DIAMOND X 3=60
1 SPACE PER 300 SQ.FT. FUTURE INDOOR ROLLER HOCKEY RINK X 30,000 = 150
2 SPACES PER TENNIS COURT X 2 = 4
4 SPACES PER VOLLEYBALL COURT X 1 = 4
10 SPACES PER BASKETBALL COURT X 2 = 20
10 SPACES PER OPEN PLAY FIELD X 1 = 10
10 SPACES PER PLAYGROUND X 1 = 10
TOTAL = 258
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/DIVISION OF CONSTRUCTION INSPECTION AT (410) 313-1880 AT LEAST FIVE(5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO ANY EXCAVATION WORK.
- THE STORMWATER MANAGEMENT REQUIREMENTS IS PROVIDED ON-SITE IN ACCORDANCE WITH 2000 MARYLAND STORMWATER DESIGN MANUAL. OWNERSHIP AND MAINTENANCE OF ALL SWM FACILITIES ARE THE COUNTY'S RESPONSIBILITY.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS & SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS & SPECIFICATIONS IF APPLICABLE.
- PLAN DIMENSIONS ARE TYPICALLY TO FACE OF BUILDING, FACE OF PERIMETER CURB, CENTERLINE OF PIPES, OR TO THE PROPERTY LINE.
- THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN AND AERIAL SURVEY WITH TWO FOOT CONTOUR INTERVALS. AERIAL TOPOGRAPHY WAS PREPARED BY HOWARD COUNTY GIS DIVISION DATED 3-16-00 AND THE WETLAND FIELD SURVEY WAS PREPARED BY MCRONE INC. DATED 3-10-00. THE PROPERTY LINE SURVEY WAS PREPARED BY CB MILLER ASSOC. IN AUGUST 1999.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY - GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NOS. MB-04 N.576,703.50 E.1,362,277.00 AND MONUMENT NOS. MB-06 N.575,575.80 E.1,363,163.50.
- A FLOODPLAIN STUDY FOR THE SMALL UNAMED TRIBUTARY ON THIS PROJECT WAS PREPARED BY MCRONE INC. DATED JUNE 2000. APPROVAL IS PENDING. THE REMAINDER OF THE FLOOD PLAIN (RED HILL BRANCH) IS DELINEATED PER HOWARD COUNTY BUREAU OF ENGINEERING RECORDS.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- EXISTING UTILITIES ARE BASED ON INFORMATION AND PLANS PROVIDED BY HOWARD COUNTY GIS DIVISION.
- NON-TIDAL WETLANDS PRESENT ON SITE WERE DELINEATED BY STRAGHAN ENVIRONMENTAL SERVICES, INC.
- NO TRAFFIC STUDY IS REQUIRED FOR THIS PROJECT
- THE "WETLAND EASEMENT" AREAS ARE NOT THE LIMITS OF WETLANDS.
- FUTURE MSHA WETLAND AREAS ARE NOT BEING CREATED AS PART OF THIS PLAN. ANY WORK ASSOCIATED WITH THOSE AREAS WILL BE REVIEWED SEPARATELY BY THE MDE.
- NO LANDSCAPE SURETY IS REQUIRED SINCE THIS IS A HOWARD COUNTY DPW/DRP PROJECT.
- FOREST CONSERVATION FOR THIS PARCEL IS SATISFIED VIA AN APPENDIX B-4 DECLARATION OF INTENT, SINGLE LOT CLEARING LESS THAN 40,000 SQUARE FEET.
- RESOLUTION 30-2002 WAS APPROVED ON APRIL 1, 2002 GRANTING A REDUCTION IN THE SETBACK REQUIREMENT FROM 20-FOOT TO 0 FEET FOR THE CONSTRUCTION OF THE PROPOSED SIDEWALK IN MEADOWBROOK PARK AND FROM 50-FOOT TO 20 FEET FOR THE PARK'S TWO BASEBALL OUTFIELD FENCES.
- GRADING ON STEEP SLOPES OVER 25% AND OVER 20,000 SQUARE FEET IN CONTIGUOUS AREA WAS APPROVED ON MAY 23, 2002 AS WP-02-113 SUBJECT TO THE FOLLOWING CONDITIONS:
1. THE PETITIONER SHALL COMPLY WITH ALL REVIEW COMMENTS ISSUED WITH THE SITE DEVELOPMENT PLAN (SDP-01-145) AND THE SITE DEVELOPMENT PLAN ITSELF, ONCE IT HAS RECEIVED SIGNATURE APPROVAL.
2. MDC PERMIT FOR LOD WITHIN WETLANDS AND STREAM IS 02-NI-0092/2002625281.

MEADOWBROOK PARK

FINAL SITE WORK, LANDSCAPING, AND APPURTENANCES



21.0 STANDARDS AND SPECIFICATIONS FOR TOPSOIL

Definition
Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation.

Purpose
To provide a suitable soil medium for vegetable growth. Soils of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil gradation.

Conditions Where Practice Applies
I. This practice 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.

II. For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization shown on the plans.

Construction and Material Specifications

I. Topsoil salvaged from the existing site may be used provided that it meets the standards as 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-SCS in cooperation with Maryland Agricultural Experiment Station.

II. Topsoil Specifications - Soil to be used as topsoil must meet the following:
1. Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an agronomist or a soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting textures. Subsoils and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1 and 1/2" in diameter.
IA. Boulders uncovered during earth moving operations are to be placed as directed by the owner on site.

III. Topsoil must be free of plants or plant parts such as Bermuda grass, quackgrass, Johnsongrass, nutgrass, poison ivy, thistle, or others as specified.

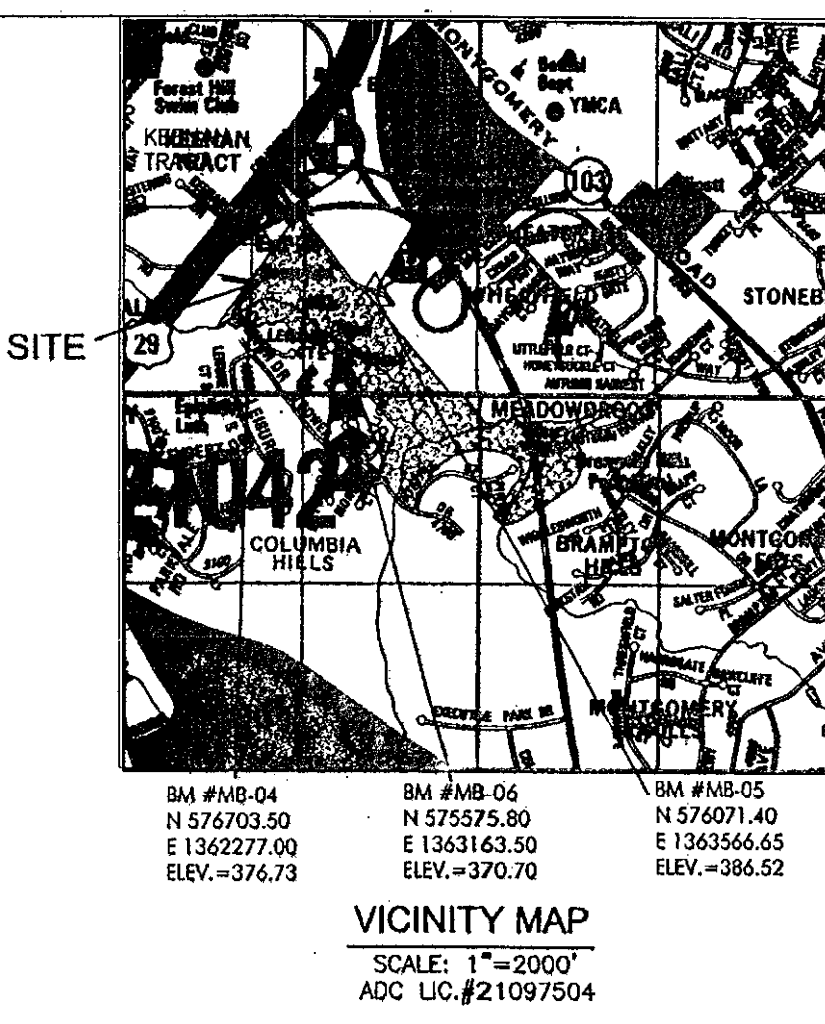
IV. Where the subsoil is either highly acidic or composed of heavy clay and lime shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.

II. For sites having disturbed areas under 5 acres:
1. Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.
III. For sites having disturbed areas over 5 acres:
1. On soil meeting topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following:
a. pH for topsoil shall be between 6.0 and 7.5. If the tested soil demonstrates a pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher.
b. Organic content of topsoil shall be not less than 1.5 percent by weight.
c. Topsoil having soluble salt content greater than 500 parts per million shall not be used.
d. No sod or seed shall 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 phytotoxic materials.
NOTE: 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.

II. Place topsoil (if required) and apply soil amendments specified in 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.

Sediment Control Notes

- A minimum of 48 hours notice must be given to the Howard County Department of Inspection, License and Permits Sediment Control Division prior to the start of any construction (313-1855).
 - All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
 - Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: (a) 7 calendar 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.
 - All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 7, HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
 - 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, sod, temporary seeding, and mulching (Sec. G). Temporary stabilization with mulch alone shall be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
 - 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.
- Site Analysis:**
- | | |
|------------------------------------|-------------|
| Total Area | 76.37 Acres |
| Area Disturbed | 33.80 Acres |
| Area to be roofed or paved | 7.11 Acres |
| Area to be vegetatively stabilized | 26.69 Acres |
| Total Cut | 116,600 CY |
| Total Fill | 108,000 CY |
| Offsite waste/borrow area location | 8,000 CY |
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
 - Additional sediment controls must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
 - On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
 - Trenches for the construction of utilities is limited to three pipe lengths or that elevation.
 - All end of silt fence and super silt fence will be curled up hill a min. of 2' in elevation.
 - All swales/ditches as called out on these plans will provide erosion control matting until permanently stabilized.
 - To be determined by contractor, with pre-approval of the Sediment Control Inspector with an approved and active grading permit.



SHEET INDEX*	
SHEET NUMBER	DESCRIPTION
1	COVER SHEET
11	SITE & FINAL GRADING PLAN SHEET 1
12	SITE & FINAL GRADING PLAN SHEET 2
13	SITE & FINAL GRADING PLAN SHEET 3
14	SITE & FINAL GRADING PLAN SHEET 4
15	SEDIMENT CONTROL DETAILS
18	SWM WATER QUALITY WETLAND PLANTING PLAN & DETAILS
20	SWM DETAILS & GENERAL DETAILS
21	PARKING AREA & WATER QUALITY WETLAND PLANTING PLAN & DETAILS
22	BIORETENTION PLANTING
23	BUFFER PLANTING PLAN
24	BIORETENTION SECTION PLANTING & CONSTRUCTION PLAN & DETAILS
25	ADVENTURE PLAYGROUND LAYOUT & PLANTING PLAN
26	BALLFIELDS CONSTRUCTION DETAILS
27	MISC. CONSTRUCTION DETAILS & SITE APPURTENANCES
28	COURT GAMES & SOFTBALL CONSTRUCTION DETAILS
29	RESTROOM PLAN
A1	PAVILLION PLANS & ELEVATIONS
A2	PAVILLION FLOOR PLAN & R.C.P.
A3	PAVILLION ROOF PLAN & ELEVATIONS
A4	PAVILLION WALL SECTIONS
A5	PAVILLION DATA SHEET
S-1	PAVILLION FOUNDATION & ROOF FRAMING PLANS
S-2	PAVILLION FOUNDATION & ROOF FRAMING PLANS
S-3	PAVILLION FOUNDATION & ROOF FRAMING PLANS

*NOTE: SHEETS NOT PRESENT IN SET ARE NOT IN CONTRACT.
ITEMS MARKED NIC ARE NOT IN CONTRACT.

EXISTING	LEGEND	PROPOSED
---	2' CONTOURS	---
---	10' CONTOURS	---
---	TREELINE	---
---	WATERLINE	---
---	SEWER LINE	---
---	CURB/EDGE OF PAVING (SEE DETAIL SHT. 20 OF 27)	---
---	REVERSE CURB (SEE DETAIL SHT. 20 OF 27)	---
---	WETLAND BOUNDARY	N/A
---	WETLAND BUFFER	N/A
---	STREAM	N/A
---	PROPERTY LINE	N/A
---	WETLAND SYMBOL	N/A
---	L.O.D.	N/A
---	EARTH DIKE	---
---	ASPHALT PATHWAY (SEE DETAIL SHT. 27 OF 27)	---
---	STORM DRAIN	---
---	PHASE L.O.D.	---
---	100 YR. FLOODPLAIN	---
---	25% STEEP SLOPES	---
---	MAN MADE 25% STEEP SLOPES	---
---	PROPOSED CURB STOP	---
---	HAUL ROAD	---
---	PROPOSED SIDEWALK	---
---	PROPOSED SUPER SILTFENCE	---
---	PROPOSED SILTFENCE	---
---	PROPOSED WATERLINE	---
---	SUMP PIT	---
---	AT GRADE INLET PROTECTION	---
---	PROPOSED BENCH	---
---	PROPOSED TRASH RECEPTACLE	---
---	PROPOSED DRY SWALE	---

28. WAIVER PETITION WP-03-43, TO ALLOW RECORDATION OF AN ADJOINER DEED TO MERGE PARCELS 383 AND 387 TOGETHER, WAS APPROVED ON 10/24/02.

29. THE ADJOINER DEED TO COMBINE PARCELS 383 AND 387 TOGETHER WAS RECORDED IN THE LAND RECORDS, AT _____

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

[Signature] 10/24/02 DATE
DIRECTOR

[Signature] 10/24/02 DATE
CHIEF, DIVISION OF LAND DEVELOPMENT

[Signature] 10/21/02 DATE
CHIEF, DEVELOPMENT ENGINEERING DIVISION

OWNER/DEVELOPER INFORMATION

[Signature] 9/30/02 DATE
OWNER/DEVELOPER:

HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS
9250 BENDIX ROAD
ELLICOTT CITY, MARYLAND 21043

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

[Signature] 10/12/02 DATE
U.S.D.A. - NATURAL RESOURCES CONSERVATION SERVICE

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

[Signature] 10/12/02 DATE
HOWARD SOIL CONSERVATION DISTRICT

DEPARTMENT OF RECREATION AND PARKS
HOWARD COUNTY, MARYLAND

[Signature] 10-2-02 DATE
GARY J. ARTHUR, DIRECTOR

PROJECT	MEADOWBROOK PARK	SECTION/AREA	N/A	MAP NO.	MAP 30 PARCELS 383 & 387
PLAT NO.	N/A	GRID NO.	5	ZONE	R-20
TAXZONE	2	ELEC. DIST.	2	CENSUS TR.	802202
WATER CODE	F09	SEWER CODE	5750615		

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously.

MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq.ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal./1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal./1000 sq.ft.) for anchoring.

MAINTENANCE: Inspect all seeded areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

SEEDBED 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. per acre 10-10-10 fertilizer (14 lbs./1000 sq.ft.).

SEEDING: For the periods March 1 thru April 30 and August 15 thru November 15, seed with 2 1/2 bushels per acre of annual rye (3.2 lbs./1000 sq.ft.). For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (07 lbs./1000 sq.ft.). For the period November 1 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

(06 lbs./1000 sq.ft.) of weeping lovegrass. During the period of October 15 thru February 28, protect site by Option (1) 2 tons per acre 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 31 Tall Fescue and mulch with 2 tons/acre well anchored straw mulch.

SEEDING: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs. per acre (14 lbs./1000 sq.ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 80 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs. per acre

ADDRESS CHART

PARCEL NUMBER	STREET ADDRESS
383 & 387	5001 MEADOWBROOK LANE

MCRONE
ENGINEERING & ENVIRONMENTAL SCIENCES
LAND PLANNING & SURVEYING CONSTRUCTION SERVICES
20 BRIDGELY AVENUE
ANNAPOLIS, MARYLAND 21401
(410) 247-8421
FAX (410) 247-9732

STATE OF MARYLAND
JAMES T. CARROLL
GOVERNOR

[Signature] 10/25/02 DATE
ANNAPOLIS CENTREVILLE ELKTON PRINCE FREDERICK SALISBURY

DES:	J.S.
DRN:	J.S.
CHK:	V.L.D.
DATE:	MAY, 2001
BY:	No.
REVISION:	
DATE:	

COVER SHEET

SCALE AS SHOWN

SHEET 1 OF 29

SITE DEVELOPMENT PLAN
MEADOWBROOK PARK

FINAL SITE WORK, LANDSCAPING, AND APPURTENANCES

TAX MAP 30 SECOND ELECTION DISTRICT

PROJECT # N-3105 BLOCK 5

PARCELS 383 & 387 HOWARD COUNTY, MARYLAND

Notes

- SEE SHEET 1 FOR SITE LEGEND.
- ALL DIMENSIONS ARE TO FACE OF CURB.
- ALL CURB RADII ARE 6.0' UNLESS OTHERWISE SPECIFIED.
- STANDARD CURB AND GUTTER SHALL BE IN ACCORDANCE WITH HOWARD COUNTY STANDARD DETAIL R-3.01.
- HANDICAP RAMPS SHALL BE IN ACCORDANCE WITH HOWARD COUNTY STANDARD DETAIL R-4.03 & HANDICAP RAMP DETAIL AS SPECIFIED ON SHEET 20 OF 29.
- ALL SIDEWALKS SHALL BE IN ACCORDANCE WITH HOWARD COUNTY STANDARD DETAIL R-3.05.
- BACKSTOPS, PLAYERS BENCHES, WARNING TRACKS AND ALL OTHER BALLFIELD APPURTENANCES TO BE CONSTRUCTED IN ACCORDANCE WITH DETAILS ON SHEET 20.
- ALL PATH INTERSECTIONS (TURN AROUND AREAS) SHALL BE GRADED AT 2.0% MAX.
- AVOID DISTURBING OF EXISTING BALL FIELDS.

NOTE: THIS CONTRACT DOES NOT INCLUDE:
 1. MASS GRADING
 2. UTILITIES
 3. RETAINING WALL

NOTE: GRADING COMPLETED UNDER PREVIOUS CONTRACT. THE SITE EXISTS AT SHOWN PROPOSED GRADE.

Sequence of Construction

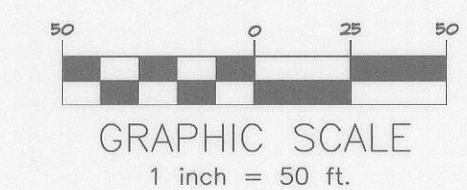
- MAINTAIN ALL SEDIMENT AND EROSION CONTROL MEASURES.
- INSTALL PLAY EQUIPMENT, FENCES, NETS, PAVILLIONS, BENCHES, TRASH RECEPTACLES, BACKSTOPS, ETC. (8 WEEKS)
- EXECUTE AND CONSTRUCT PROPOSED PATHWAYS. (3 WEEKS)
- INSTALL PAVING AND CONCRETE THROUGHOUT THE SITE. INSTALL SPECIAL SURFACING ON PLAYGROUND AREAS. PLACE SAND IN VOLLEYBALL COURT. (10 WEEKS)
- COMPLETE ALL LANDSCAPING. (2 WEEKS)
- UPON SEDIMENT INSPECTOR'S APPROVAL, REMOVE THE HAUL ROAD. (2 WEEKS)
- STABILIZE ALL DISTURBED AREAS, AND WITH INSPECTOR'S APPROVAL, FILL IN SEDIMENT TRAPS AND REMOVE PERIMETER CONTROLS. (2WEEKS)
- UPON INSPECTOR'S APPROVAL, CONVERT BASIN #1 TO POND #1 AND FILL IN TRAP #2. BASIN #1 AND TRAP #2 SHALL BE DEWATERED PER THE SUMP PIT DETAIL ON SHEET 15. (3 WEEKS)



SEE SHEET 23 FOR EVERGREEN PLANTING

MATCHLINE SEE SHEET 12

SITE PLAN



NOTE: GRADING WAS COMPLETED UNDER PREVIOUS CONTRACT. THE SITE EXISTS AT PROPOSED GRADE.
 OWNER WILL LOCATE PLACEMENT OF BENCHES AND TRASH CANS.
 OWNER WILL STAKE OUT THE ALIGNMENT OF PATHWAYS.
 CONTRACTOR WILL PROVIDE ALL OTHER NECESSARY STAKEOUT.

OWNER/DEVELOPER INFORMATION	
OWNER/DEVELOPER: HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS 9250 BENDIX ROAD ELLICOTT CITY, MARYLAND 21043	
DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND	
DIRECTOR	DATE
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE
CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND					
CHIEF, BUREAU OF UTILITIES					DATE
PROJECT MEADOWBROOK PARK		SECTION/AREA N/A	MAP NO. MAP 30 PARCELS 383 & 387		
PLAT NO. N/A	GRID NO. 5	ZONE R-20	TAX/ZONE 2	ELEC. DIST. 2	CENSUS TR. 602302
WATER CODE F09		SEWER CODE 5750615			

McCRONE
 ENGINEERING & ENVIRONMENTAL SCIENCES
 LAND PLANNING & SURVEYING CONSTRUCTION SERVICES
 20 RIDGELY AVENUE
 ANNAPOLIS, MARYLAND 21401
 (410) 267-8521
 Fax (410) 267-9932
 ANNAPOLIS CENTREVILLE ELKTON PRINCE FREDERICK SALISBURY

DES: J.S.				
DRN: J.S.				
CHK: V.L.D.				
DATE: MAY, 200	BY	No.	REVISION	DATE

**SITE & FINAL GRADING PLAN
SHEET 1**

**SITE DEVELOPMENT PLAN
MEADOWBROOK PARK**
 PROJECT #N-3105
 BLOCK 5
 PARCEL 383 & 387
 HOWARD COUNTY, MARYLAND
 TAX MAP 30
 SECOND ELECTION DISTRICT

SCALE
1"=50'
 SHEET
11 OF 29

Plot Date and Time: Jul 26, 2004 - 4:03pm

CADD FILE: C:\1010081 - Meadowbrook Park\Final Development\11 GRADING PLAN.dwg

NOTE:
1. SEE SHEET 11 FOR
GENERAL SITE NOTES.

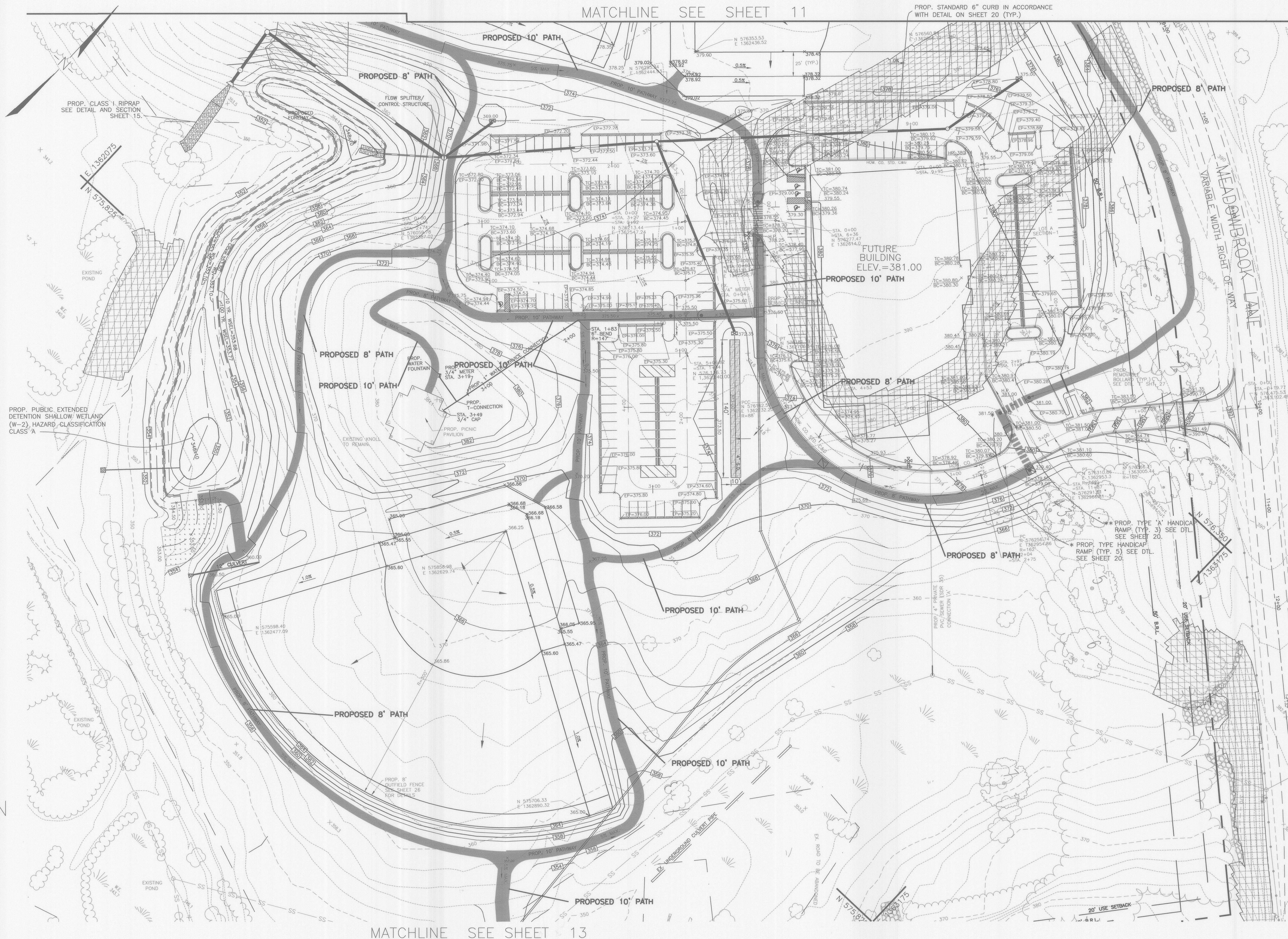
REFER TO SHEETS 21, 22, & 23 FOR
ADDITIONAL PLANTING INFORMATION

NOTE: THIS CONTRACT DOES NOT
INCLUDE:

- 1) FUTURE BUILDING
- 2) MASS GRADING
- 3) UTILITIES
- 4) ENTRANCE GATES
- 5) CONCRETE DUMPSTER PAD
- 6) CURB AND GUTTER
- 7) MEDIAN CURBING
- 8) CONCRETE SIDEWALK AROUND
FUTURE BUILDING

NOTE: GRADING COMPLETED UNDER
PREVIOUS CONTRACT. THE SITE EXISTS
AT SHOWN PROPOSED GRADE.

PAVILLION COORDINATES		
POINT	EASTING	NORTHING
A	575900.973	1362458.282
B	575912.701	1362491.258
C	575904.410	1362503.759
D	575871.434	1362515.487
E	575857.112	1362511.029
F	575845.384	1362478.052
G	575853.674	1362465.551
H	575886.650	1362453.823



SITE PLAN
1" = 50'

OWNER/DEVELOPER INFORMATION	
OWNER/DEVELOPER:	HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS 9250 BENDIX ROAD ELLICOTT CITY, MARYLAND 21043
DEPARTMENT OF PLANNING AND ZONING	HOWARD COUNTY, MARYLAND
DIRECTOR	DATE
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE
CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND					
CHIEF, BUREAU OF UTILITIES		DATE			
PROJECT	SECTION/AREA	MAP NO.			
MEADOWBROOK PARK	N/A	MAP 30 PARCELS 383 & 387			
PLAT NO.	GRID NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
N/A	5	R-20	2	2	602302
WATER CODE	SEWER CODE				
F09	5750615				

McCRONE
ENGINEERING & ENVIRONMENTAL SCIENCES
LAND PLANNING & SURVEYING CONSTRUCTION SERVICES
20 RIDGELY AVENUE
ANNAPOLIS, MARYLAND 21401
(410) 267-8621
Fax (410) 267-9932
ANNAPOLIS CENTREVILLE ELKTON PRINCE FREDERICK SALISBURY

DES: J.S.					
DRN: J.S.					
CHK: V.L.D.					
DATE: MAY, 200	BY	No.	REVISION	DATE	

**SITE & FINAL GRADING PLAN
SHEET 2**

**SITE DEVELOPMENT PLAN
MEADOWBROOK PARK**
TAX MAP 30
SECOND ELECTION DISTRICT
PROJECT #N-3105
BLOCK 5
PARCELS 383 & 382
HOWARD COUNTY, MARYLAND

SCALE
1" = 50'
SHEET
12 OF 29

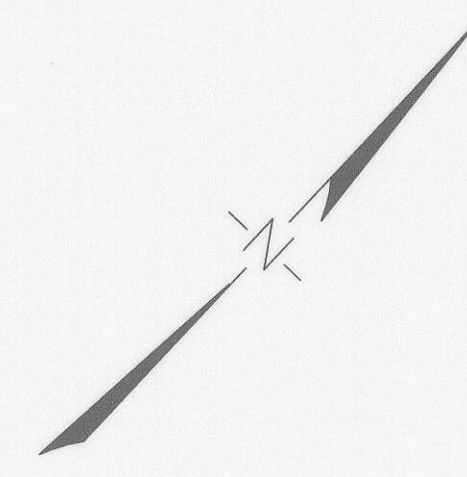
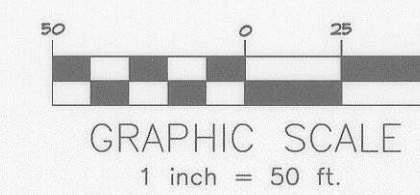
NOTE:
1. SEE SHEET 11 FOR
GENERAL SITE NOTES.

REFER TO SHEETS 21, 22 & 23 FOR
ADDITIONAL PLANTING INFORMATION.

PAVILLION COORDINATE TABLE	
A	N575223 E1363328
B	N575204 E1363305
C	N575173 E1363331
D	N575193 E1363354



MATCHLINE SEE SHEET 14
SITE PLAN



OWNER/DEVELOPER INFORMATION	
OWNER/DEVELOPER: HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS 9250 BENDIX ROAD ELLICOTT CITY, MD. 21043	
DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND	
DIRECTOR	DATE
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE
CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

CHIEF, BUREAU OF UTILITIES						DATE
PROJECT MEADOWBROOK PARK		SECTION/AREA N/A	MAP NO. MAP 30 PARCELS 383 & 387			
PLAT NO. N/A	GRID NO. 5	ZONE R-20	TAX/ZONE 2	ELEC. DIST. 2	CENSUS TR. 602302	
WATER CODE F09		SEWER CODE 5750615				

McCRONE
ENGINEERING & ENVIRONMENTAL SCIENCES
LAND PLANNING & SURVEYING CONSTRUCTION SERVICES
20 RIDGELY AVENUE
ANNAPOLIS, MARYLAND 21401
(410) 287-8621
Fax (410) 287-9932
ANNAPOLIS CENTREVILLE ELKTON PRINCE FREDERICK SALISBURY

DES: J.S.					
DRN: J.S.					
CHK: V.L.D.					
DATE: MAY, 2001	BY	No.	REVISION	DATE	

**SITE & FINAL GRADING PLAN
SHEET 3**

**SITE DEVELOPMENT PLAN
MEADOWBROOK PARK**

TAX MAP 30 PROJECT NO. N-3105
SECOND ELECTION DISTRICT BLOCK 5 PARCEL 383 & 387
HOWARD COUNTY, MARYLAND

SCALE
1" = 50'
SHEET
13 OF 29

Plot Date and Time: Jul 26, 2004 4:09pm

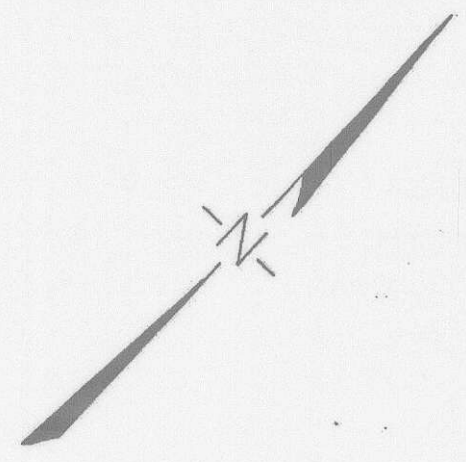
CADD FILE: G:\1010081 - Meadowbrook Park Final Development\13 - GRADING PLAN.dwg

MATCHLINE SEE SHEET 13

NOTE:
1. SEE SHEET 11 FOR
GENERAL SITE NOTES.

REFER TO SHEETS 21, 22 & 23 FOR
ADDITIONAL PLANTING INFORMATION.

NOTE: GRADING COMPLETED UNDER PREVIOUS CONTRACT.
THE SITE EXISTS AT SHOWN PROPOSED GRADE.



OWNER/DEVELOPER INFORMATION

Paul J. Sepan 9/30/02
OWNER/DEVELOPER:
HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS
9250 BENDIX ROAD
ELLICOTT CITY, MD. 21043

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

Jack Rutter 10/24/02
DIRECTOR DATE

Cindy Hovatta 10/24/02
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

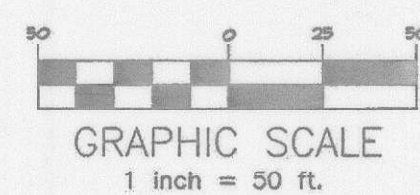
Mike Dammann 10/21/02
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

DEPARTMENT OF RECREATION AND PARKS
HOWARD COUNTY, MARYLAND

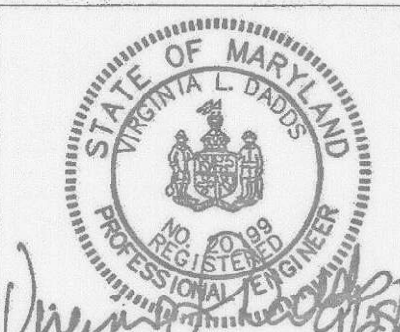
Gary J. Babin 10-2002
DIRECTOR DATE

PROJECT MEADOWBROOK PARK		SECTION/AREA N/A	MAP NO. MAP 30 PARCELS 383 & 387
PLAT NO. N/A	GRID NO. 5	ZONE R-20	TAXZONE 2
WATER CODE F09		ELEC. DIST. 2	CENSUS TR. 602302
SEWER CODE 5750615			

SITE PLAN



MCCRONE
ENGINEERING, ENVIRONMENTAL SCIENCES
LAND PLANNING & SURVEYING, CONSTRUCTION SERVICES
20 RIDGELY AVENUE
ANNAPOLIS, MARYLAND 21401
(410) 267-6511
Fax: (410) 267-9332



DES: J.S.			
DRN: J.S.			
CHK: V.L.D.			
DATE: MAY, 2001	BY	No.	REVISION
			DATE

SITE & FINAL GRADING PLAN
SHEET 4

SITE DEVELOPMENT PLAN
MEADOWBROOK PARK

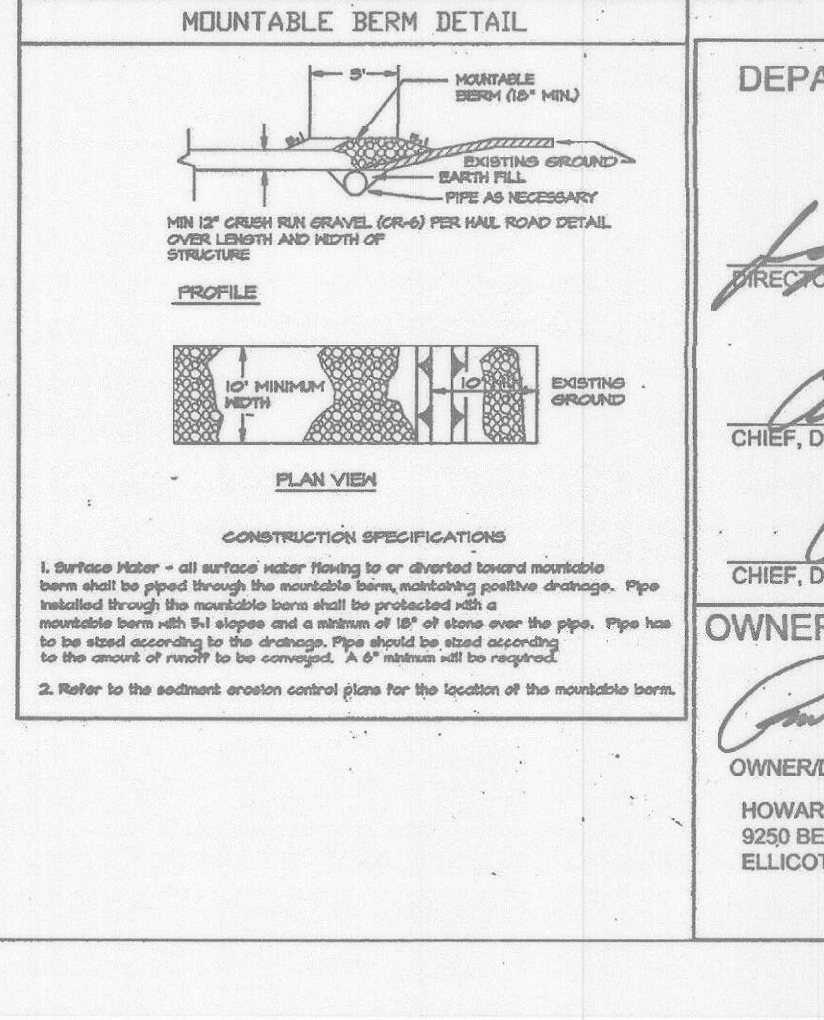
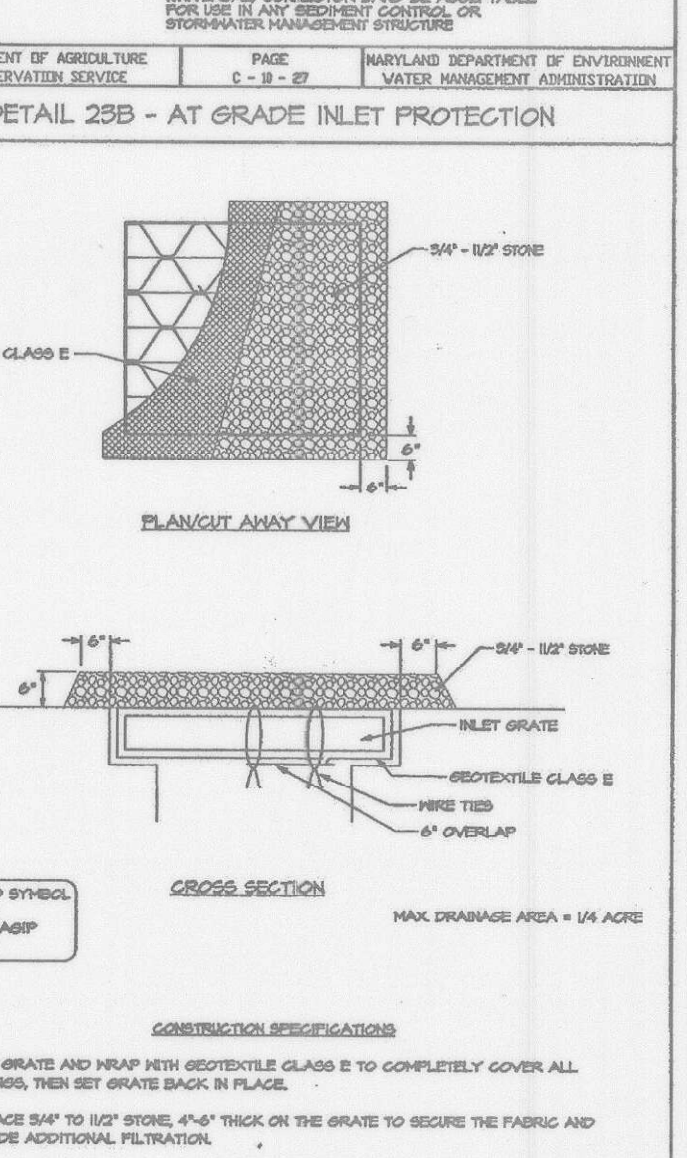
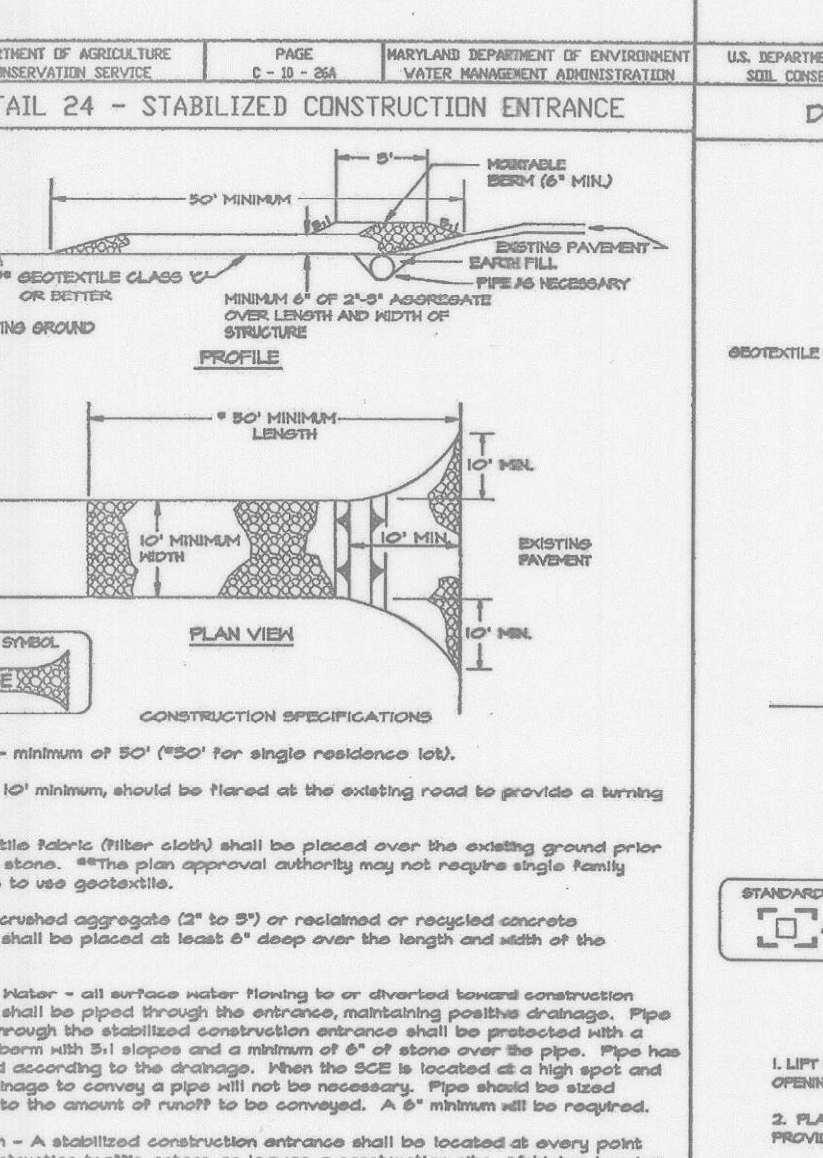
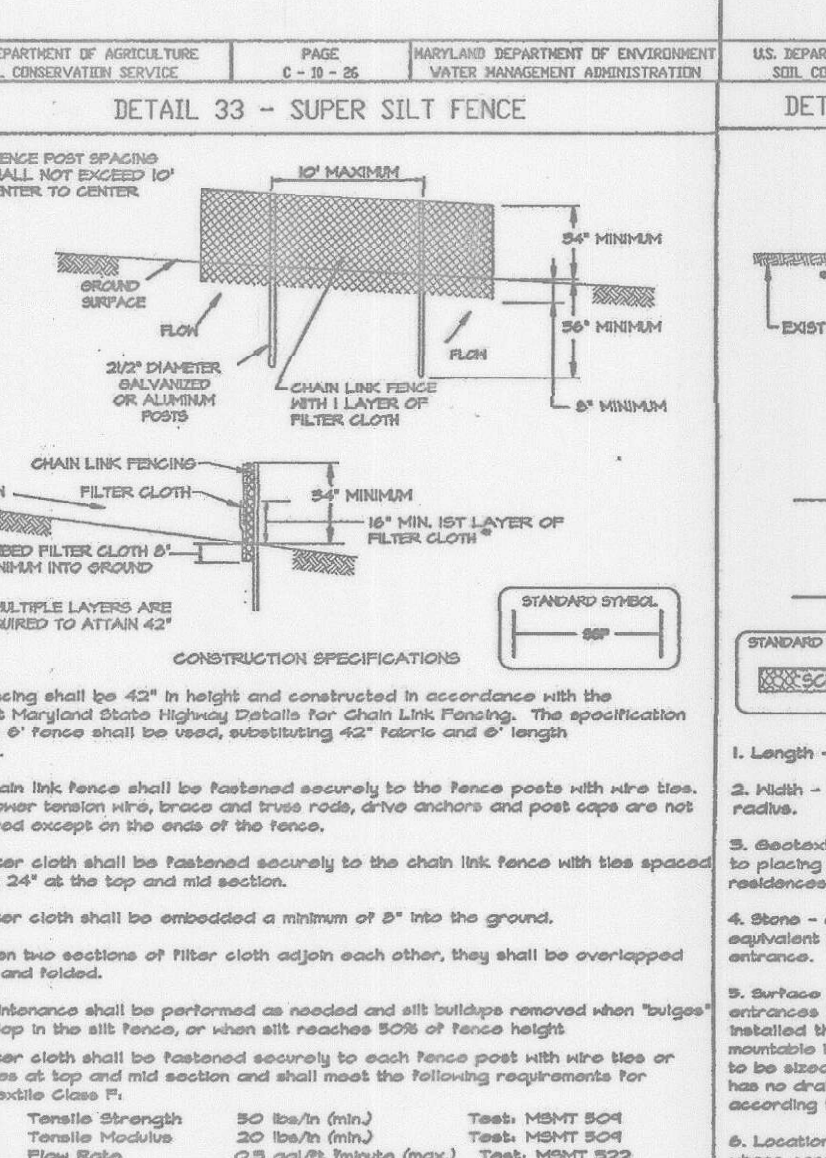
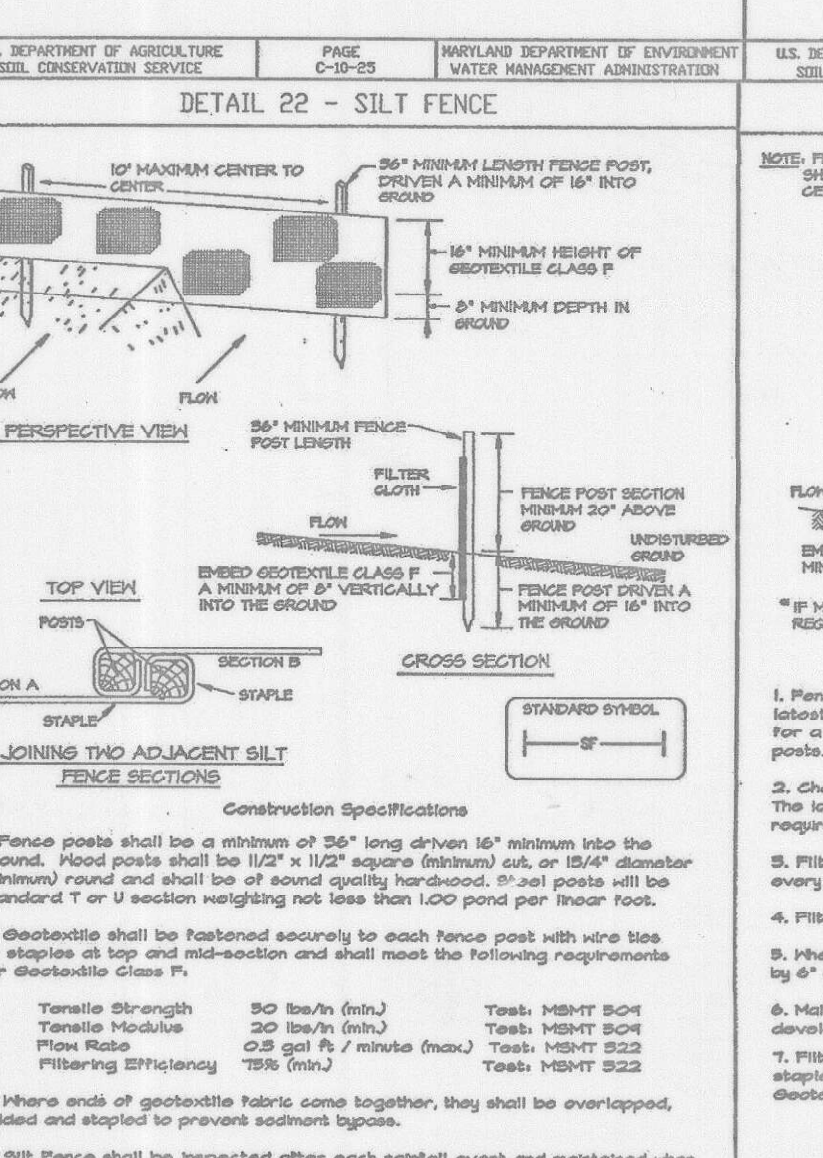
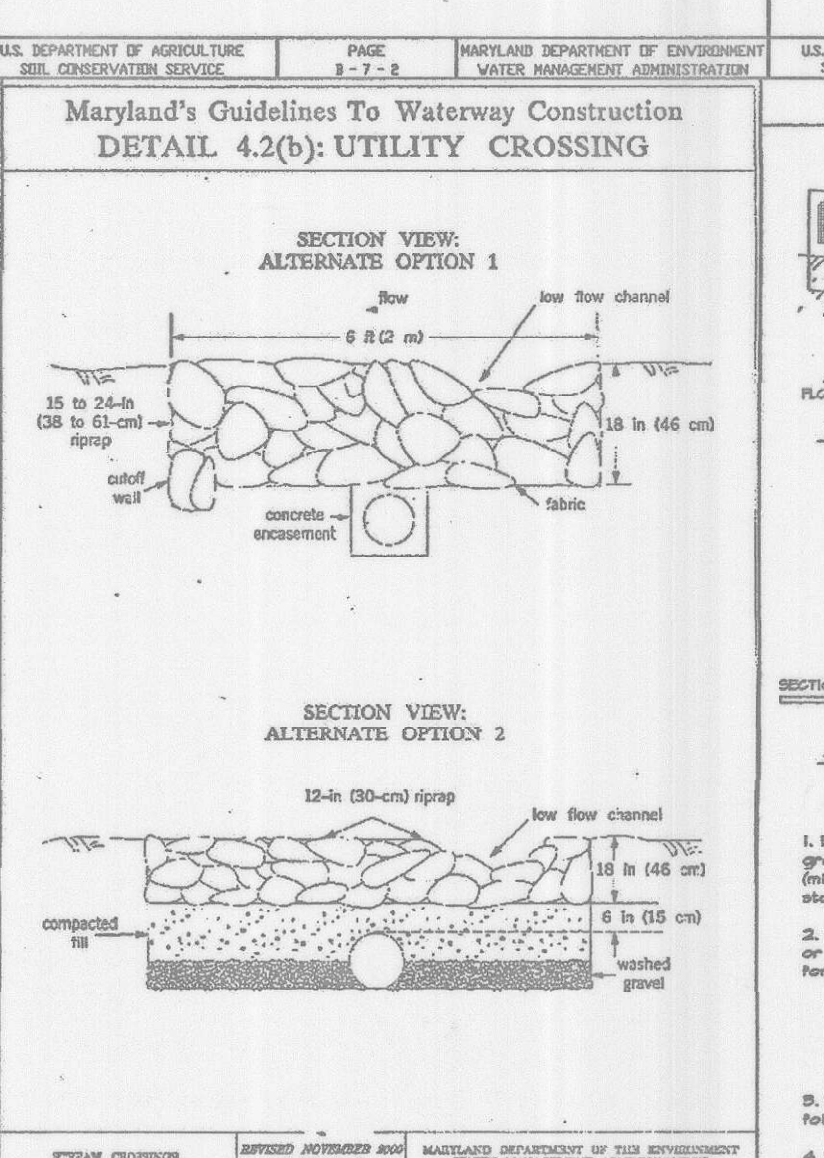
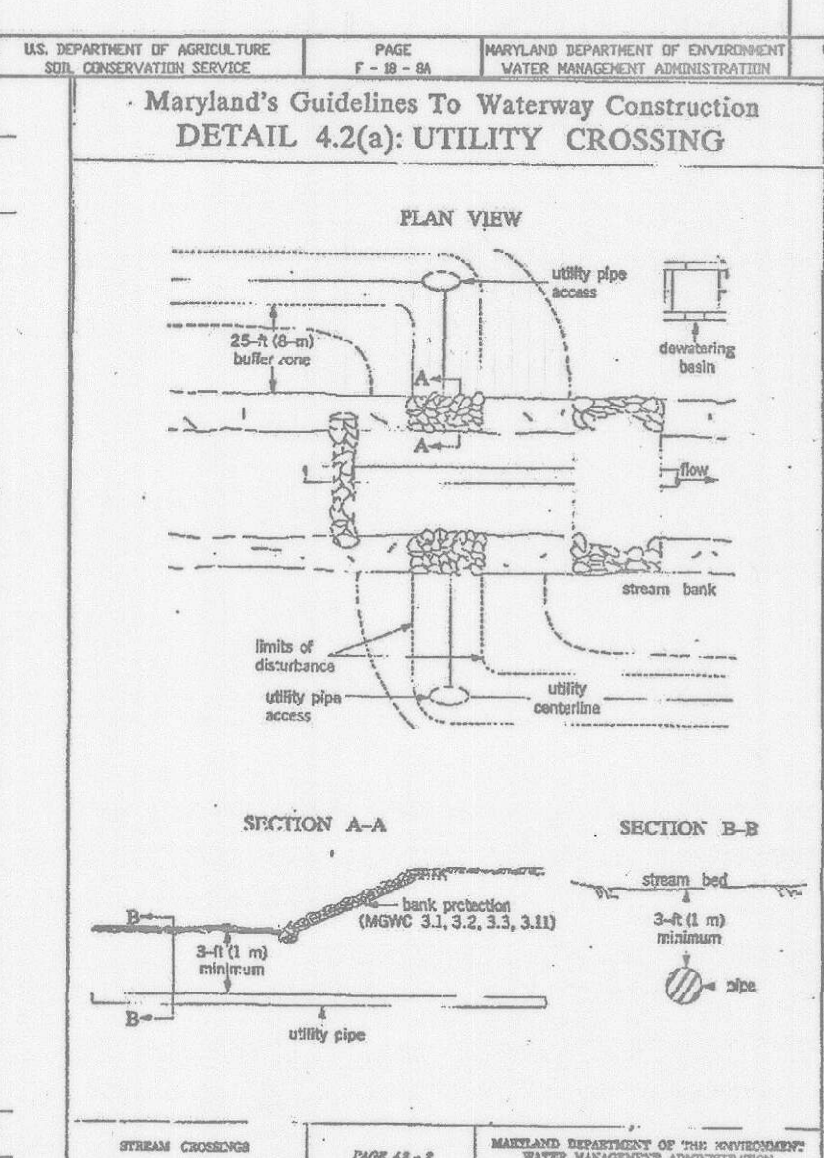
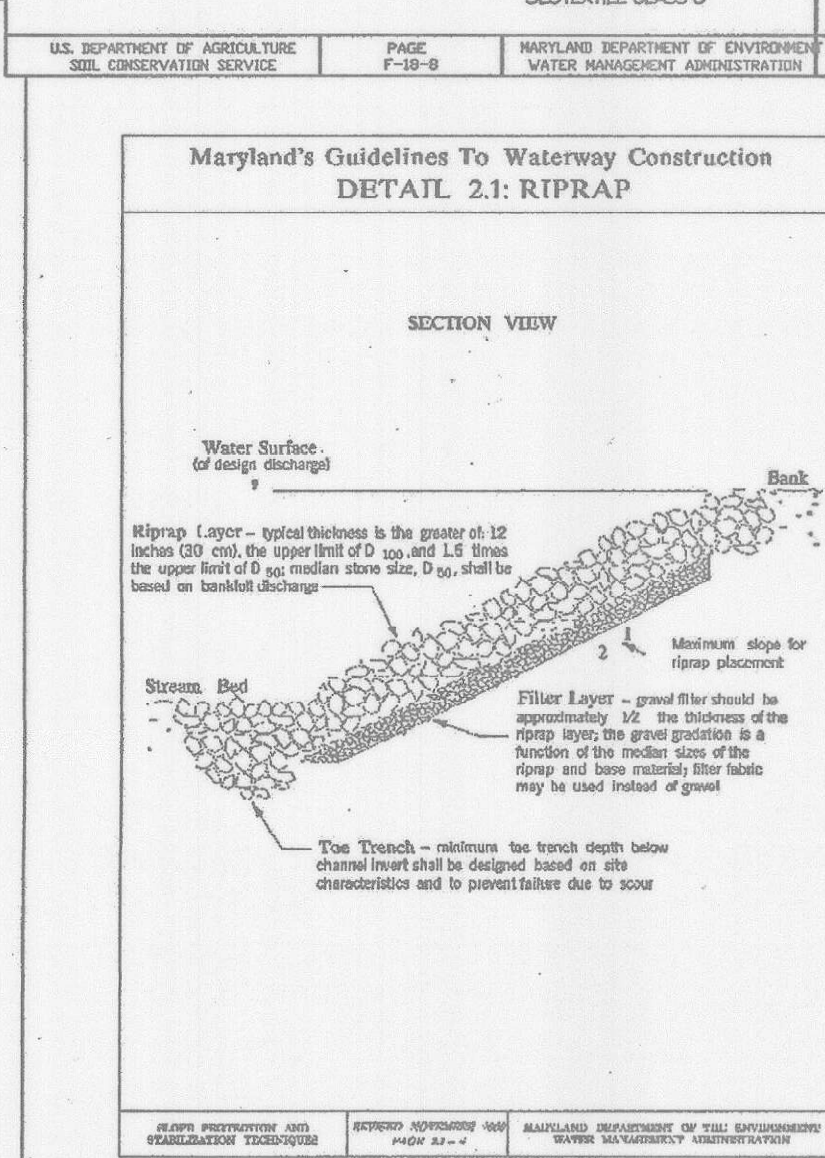
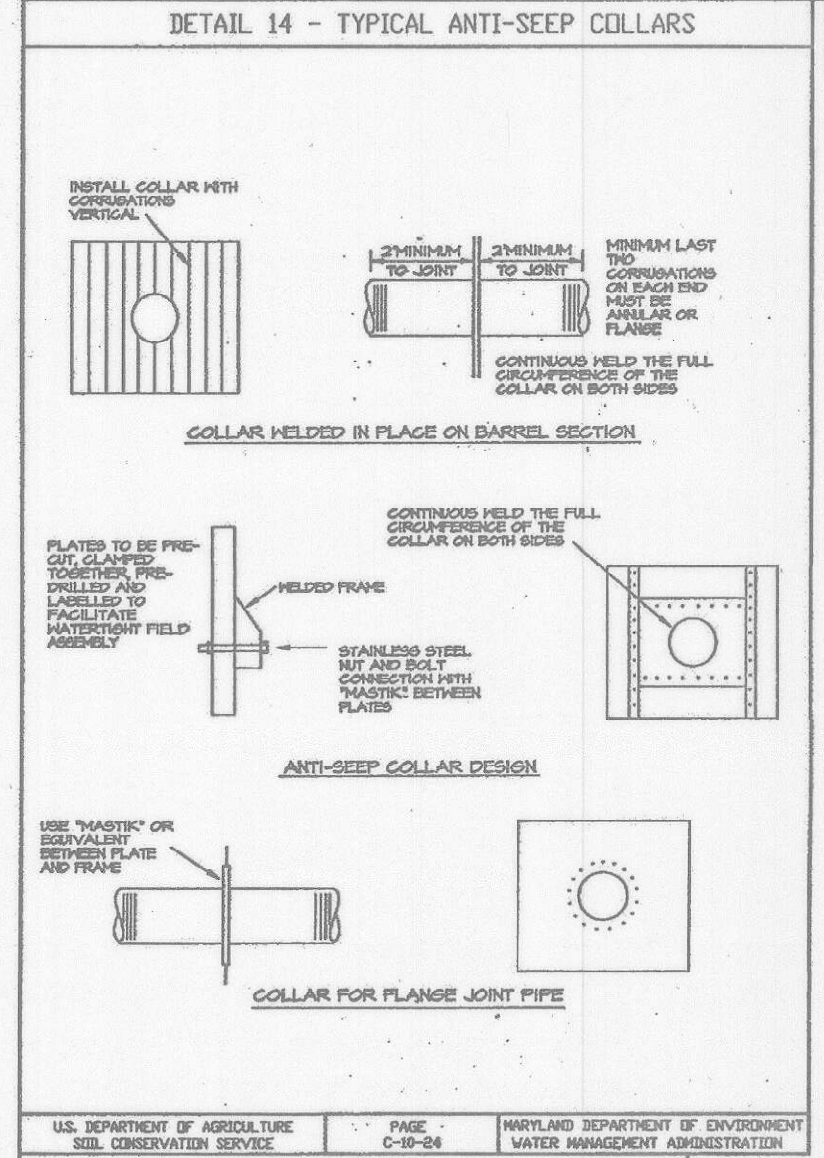
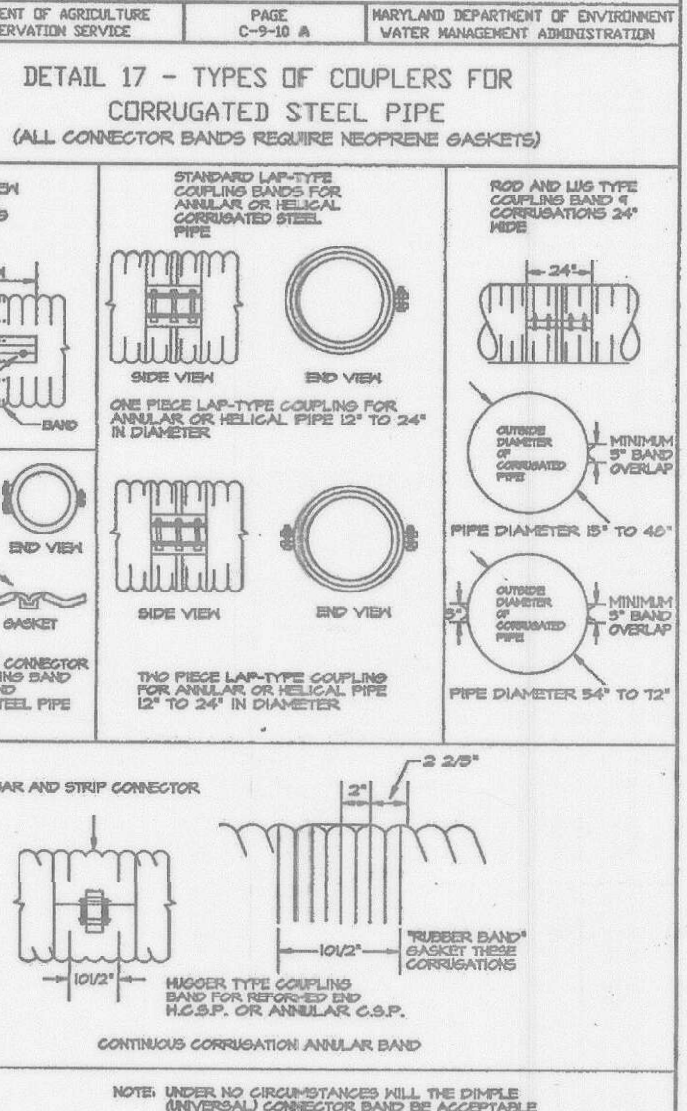
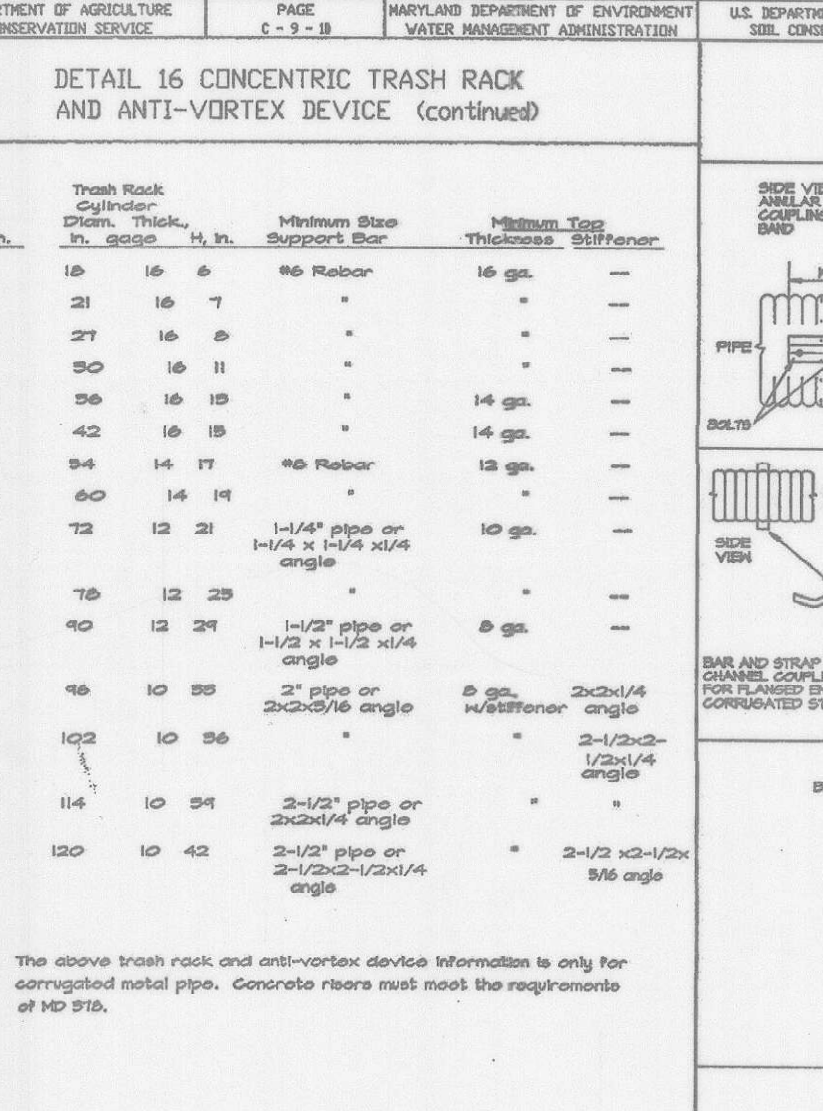
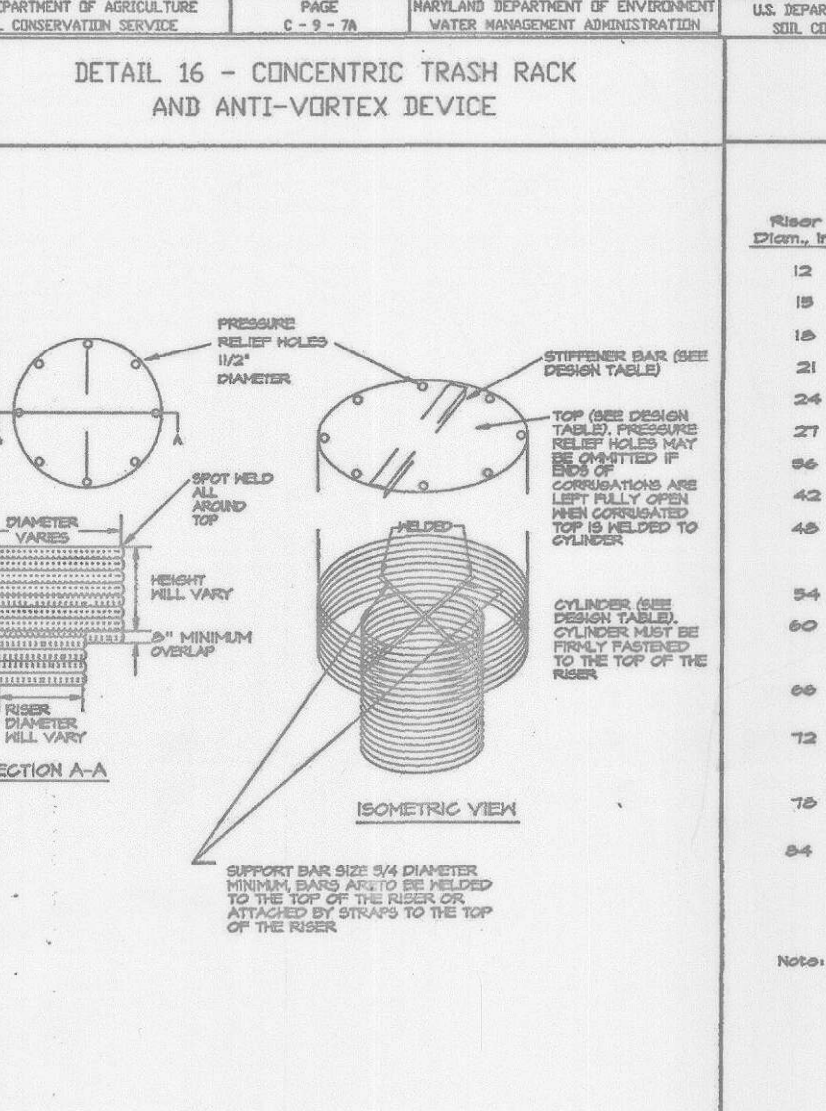
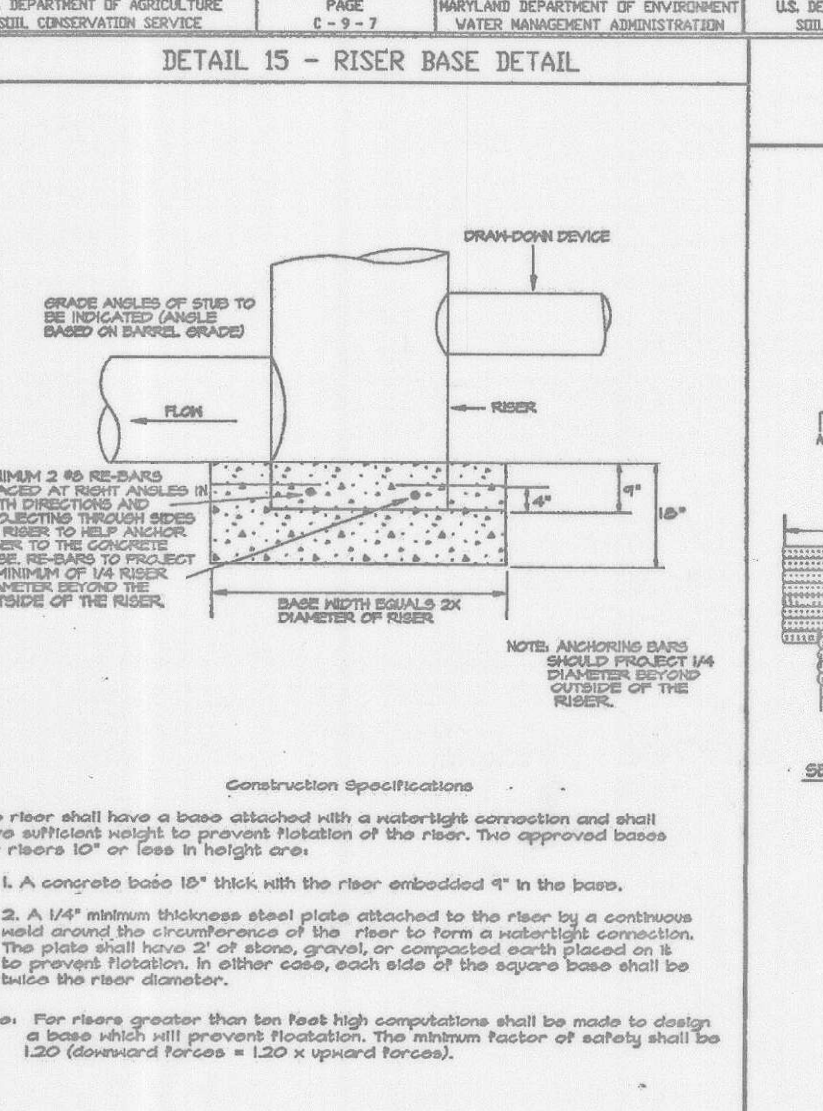
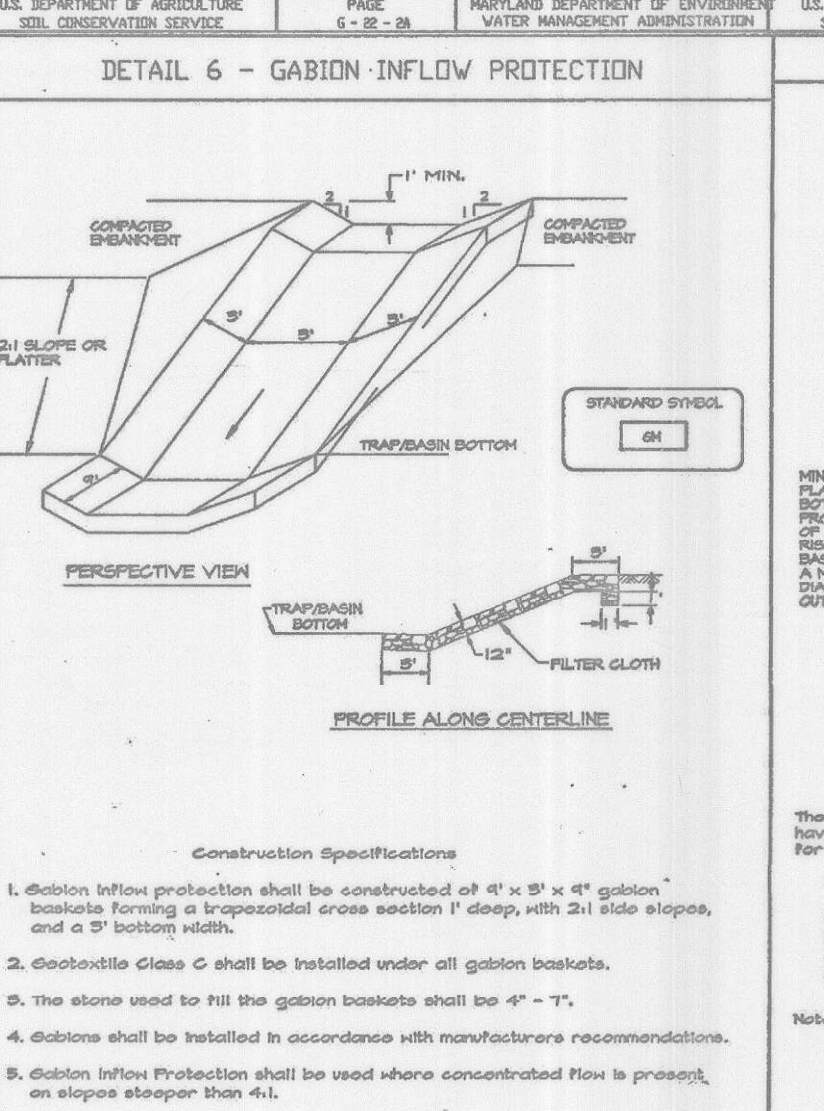
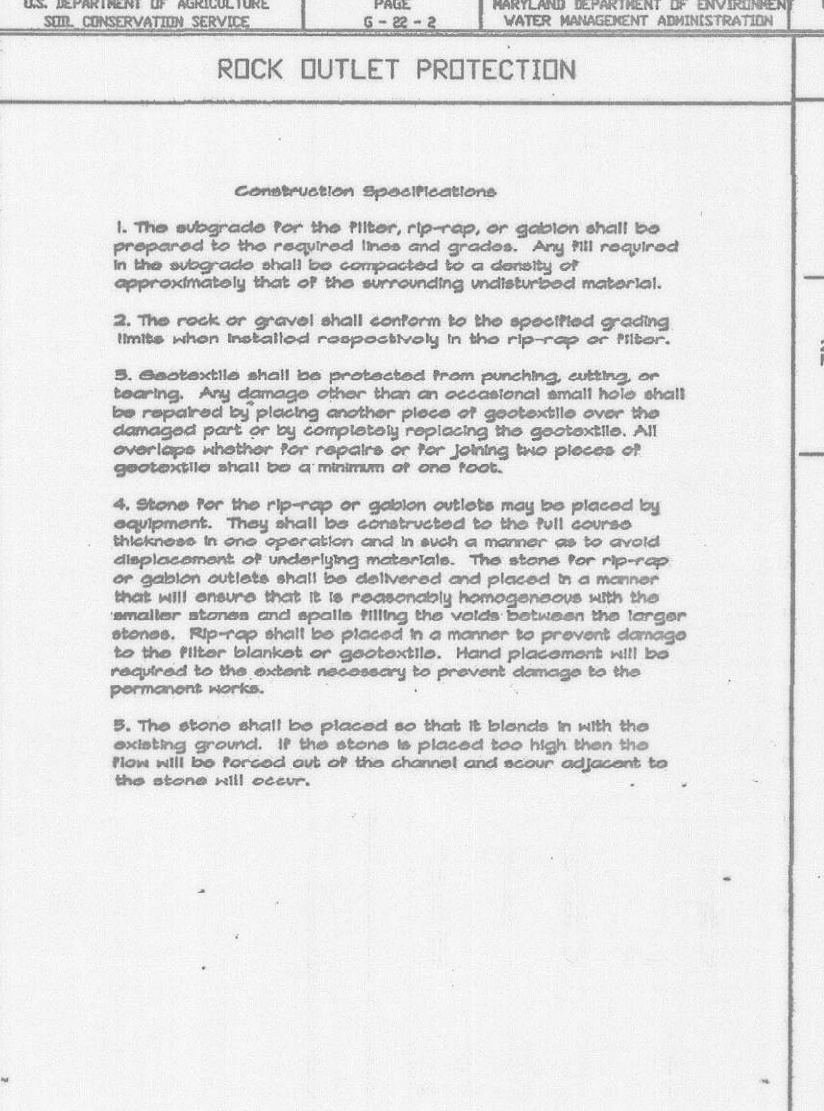
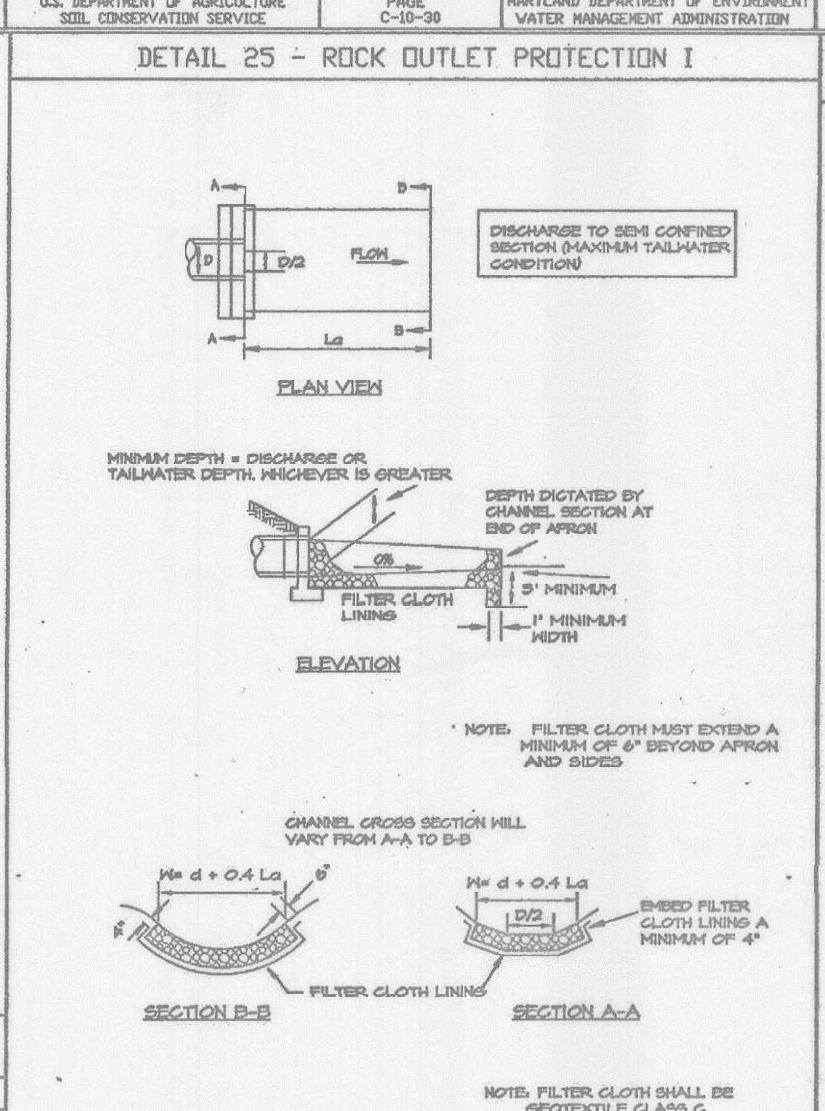
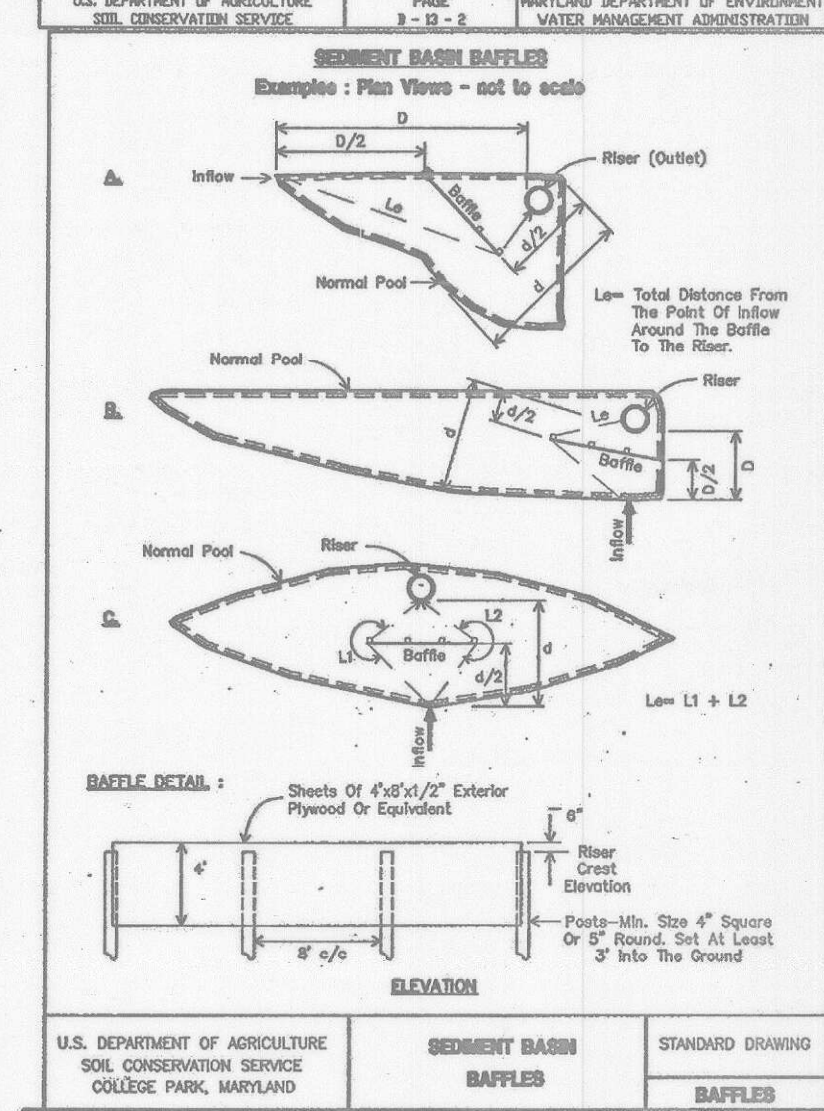
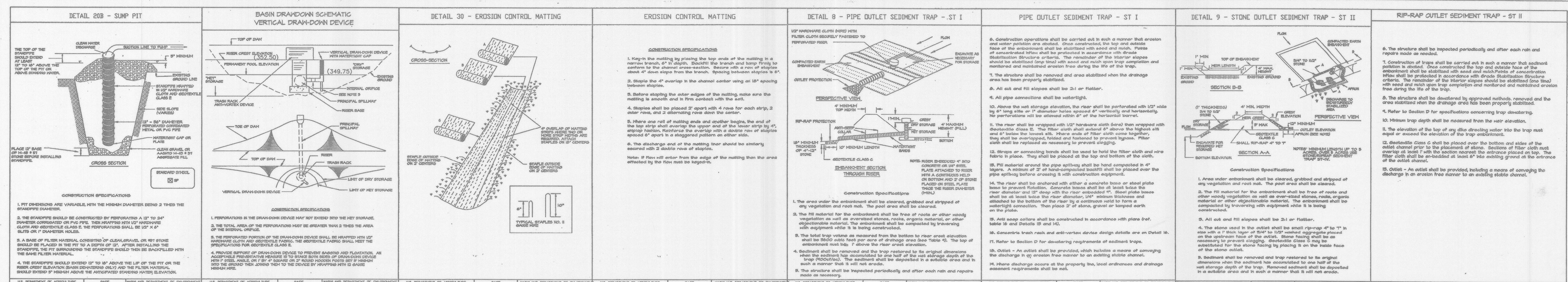
TAX MAP 30
SECOND ELECTION DISTRICT

PROJECT NO. N-3105
BLOCK 21

PARCELS 383 & 387
HOWARD COUNTY, MARYLAND

SCALE
1"=50'

SHEET
14 OF 29



DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

Director
10/24/02

Chief, Division of Land Development
10/25/02

Chief, Development Engineering Division
10/26/02

OWNER/DEVELOPER INFORMATION
2/30/02

DEPARTMENT OF RECREATION AND PARS
HOWARD COUNTY, MARYLAND

Director
10-2-02

PROJECT: MEADOWBROOK PARK
SECTION/AREA: N/A
MAP NO.: MAP 30 PARCELS 383 & 387

PLAT NO.: N/A
GRID NO.: 5
ZONE: R-20
TAXZONE: 2
ELEC. DIST.: 2
CENSUS TR.: 602202

WATER CODE: F09
SEWER CODE: 5750615

DEVELOPER'S CERTIFICATION
"I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR SEDIMENT AND EROSION CONTROL BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

DATE: 2/30/02

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

DATE: 9/15/02

TEMPORARY HAUL ROAD DETAIL

Scale: None

SCALE: 1"=50'

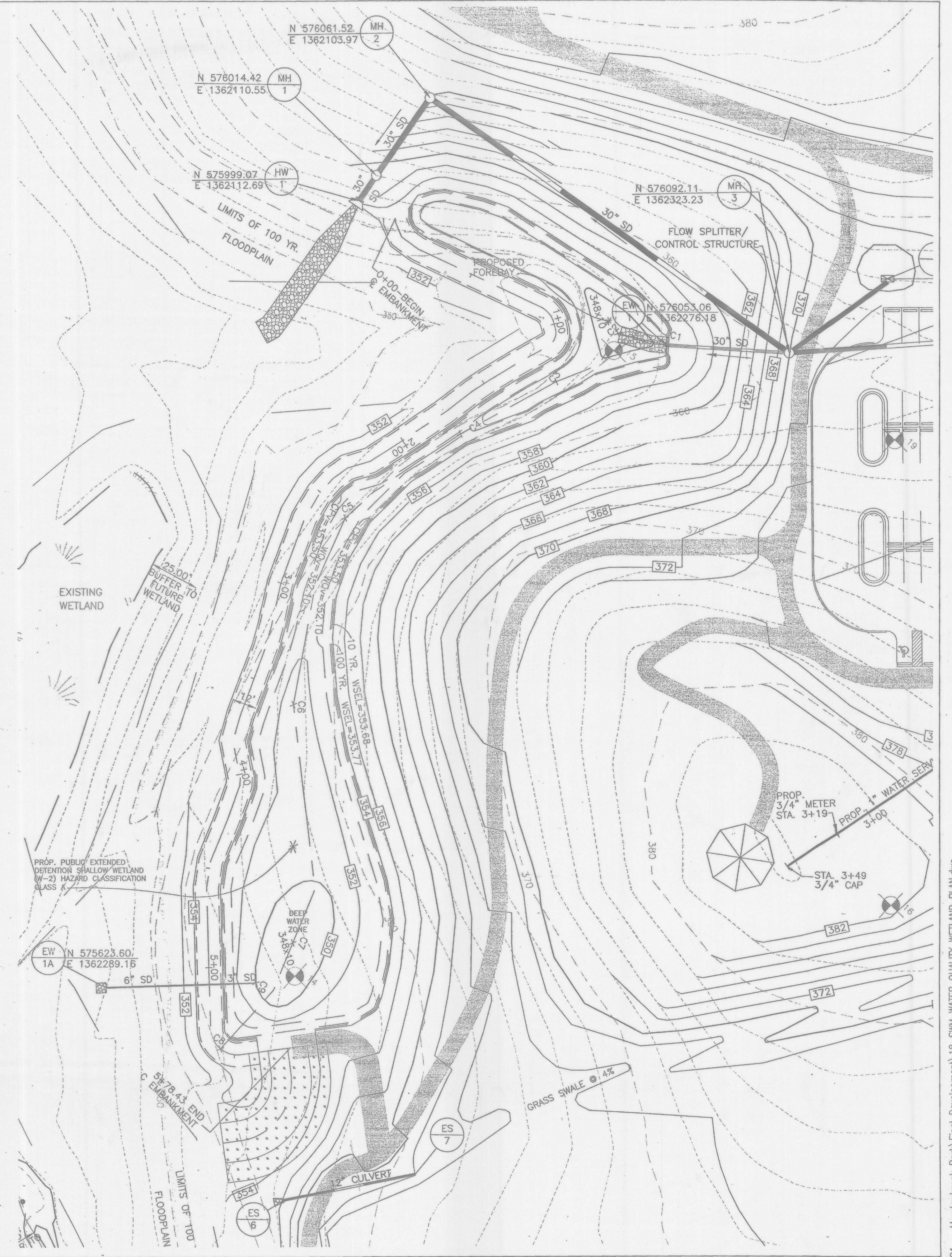
SEDIMENT & EROSION CONTROL DETAILS

SITE DEVELOPMENT PLAN
MEADOWBROOK PARK

PROJECT NO. N-3105
BLOCK 5
PARCELS 383 & 387
HOWARD COUNTY, MARYLAND

TAX MAP 30
SECTION ELECTION DISTRICT

SHEET 15 OF 29
SDP-01-145



NOTE: THIS CONTRACT DOES NOT INCLUDE:
 1) STORM WATER MANAGEMENT CONSTRUCTION
 2) UTILITIES
 3) MASS GRADING
 4) CURBING

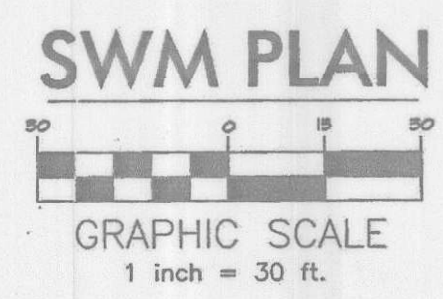
*THIS CONTRACT INCLUDES LANDSCAPING FOR STORMWATER MANAGEMENT AREAS AND CONVERSION FROM SEDIMENT BASIN TO POND.

- OPERATION AND MAINTENANCE SCHEDULE FOR BIO-RETENTION AREAS (B-6)
- Annual maintenance of plant material, mulch layer and soil is required. Maintenance of mulch and soil is limited to correcting areas of erosion or wash out. Any mulch replacement shall be done in the spring. Plant material shall be checked for disease and insect infestation and maintenance will address dead material and pruning.
 - Schedule of plant inspection will be twice a year in spring and fall. This inspection will include removal of dead and diseased vegetation considered beyond treatment, treatment of all diseased trees and shrubs and replacement of all deficient stakes and wires.
 - Mulch shall be inspected each spring. Remove previous mulch layer before applying new layer once every 2 to 3 events.
 - Soil erosion to be addressed on an as needed basis, with a minimum of once per month and after heavy storm events.

- OPERATION AND MAINTENANCE SCHEDULE FOR STORMWATER WETLANDS (W-1 THROUGH W-4)
- The stormwater wetland facility shall be inspected annually after major storms. Inspection shall be performed during wet weather to determine if the facility is functioning properly.
 - The top and side slopes of the embankment shall be mowed a minimum of once per year, when vegetation reaches 18" in height or as needed.
 - Debris and litter shall be removed during regular mowing operations and as needed.
 - Visible signs of erosion in the facility shall be repaired as soon as it is noticed.
 - Remove silt when it exceeds four (4) inches deep in the forebay.
 - If a minimum coverage of 50% is not achieved in the planted wetland zones after the second growing season, reinforcement planting shall be provided.

COORDINATE TABLE

POINT	NORTHING	EASTING
C1	576053.06	1362276.18
C2	576040.09	1362253.84
C3	576001.24	1362247.60
C4	575949.06	1362230.38
C5	575878.44	1362216.34
C6	575792.15	1362261.33
C7	575704.86	1362342.82
C8	575641.12	1362352.42
C9	575677.34	1362342.97



OWNER/DEVELOPER INFORMATION
 HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS
 9250 BEMOX ROAD
 ELICOTT CITY, MD 21043
 DATE: 9/30/02

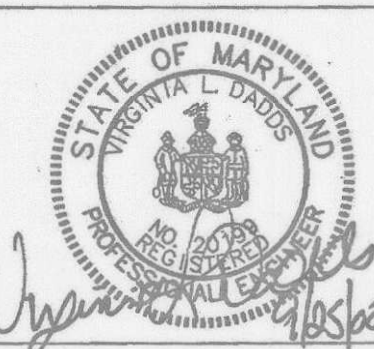
ENGINEER'S CERTIFICATION
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 VIRGINIA DADDS, 10/18/02, CHIEF, DEVELOPMENT ENGINEERING DIVISION

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND
 DIRECTOR: 10/28/02
 CHIEF, DIVISION OF LAND DEVELOPMENT: 11/21/02

DEPARTMENT OF RECREATION AND PARKS
 HOWARD COUNTY, MARYLAND
 GARY J. CROCKER, 10-2-02, DIRECTOR

PROJECT	MEADOWBROOK PARK	SECTION/AREA	N/A	MAP NO.	MAP 30 PARCELS 383 & 387
PLAT NO.	N/A	GRID NO.	5	ZONE	R-20
TAX/ZONE	2	ELEC. DIST.	2	CENSUS TR.	602302
WATER CODE	F09	SEWER CODE	5750615		

MCCRONE
 ENGINEERING & ENVIRONMENTAL SCIENCES
 LAND PLANNING & SURVEYING/CONSTRUCTION SERVICES
 20 RIDGELY AVENUE
 ANNAPOLIS, MARYLAND 21401
 (410) 267-8631
 FAX (410) 267-9932

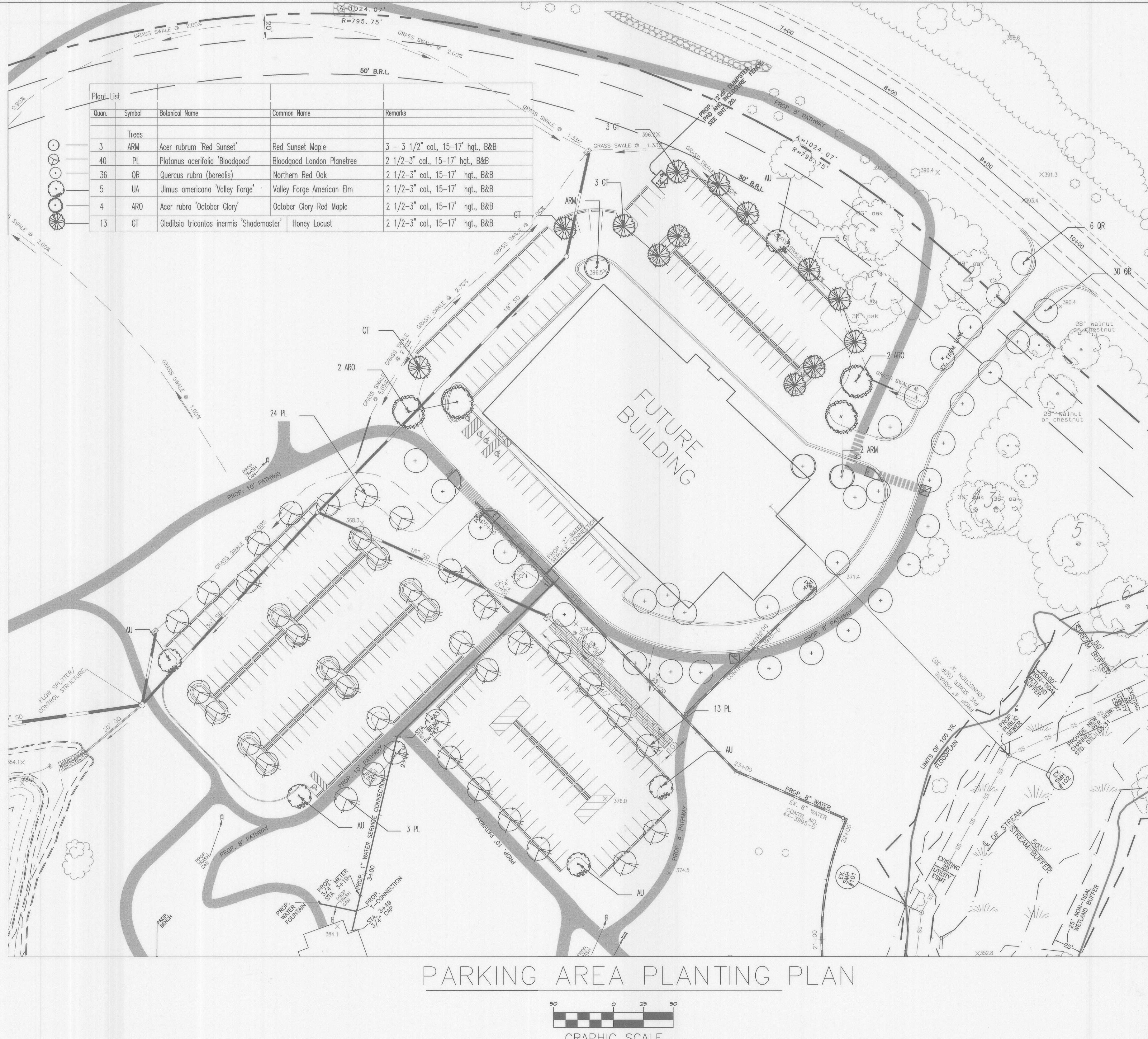
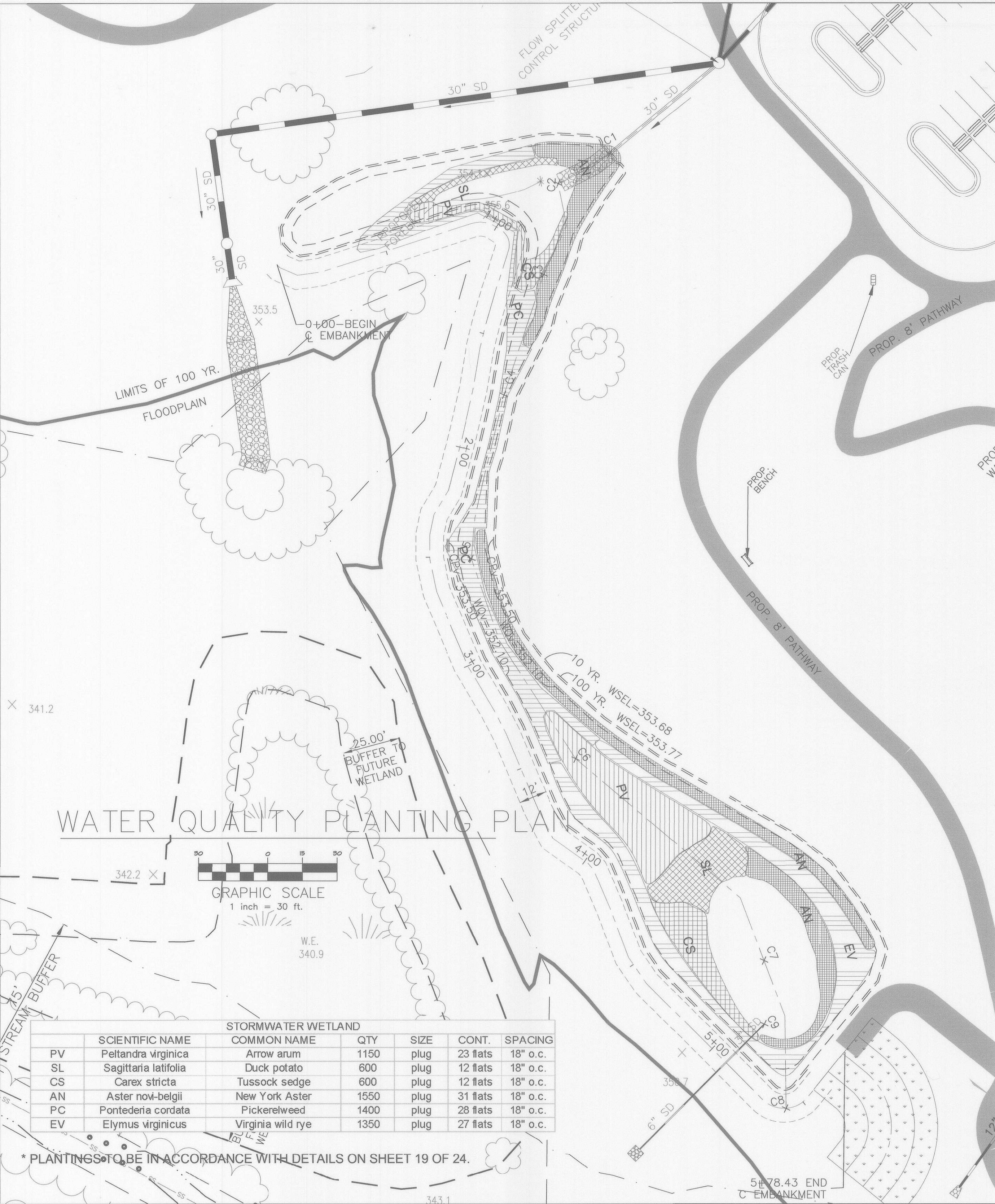


DES:	J.S.		
DRN:	J.S.		
CHK:	V.D.		
DATE:	MAY, 2001	BY	No.
REVISION			
DATE			

SWM WATER QUALITY WETLAND PLAN & NOTES

SITE DEVELOPMENT PLAN
MEADOWBROOK PARK
 PROJECT NO. N-3105
 TAX MAP 30 SECOND ELECTION DISTRICT
 BLOCK 5
 PARCELS 383 & 387
 HOWARD COUNTY, MARYLAND

SCALE: 1"=30'
 SHEET: 18 OF 29



DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND		DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND			
DIRECTOR	DATE	CHIEF, BUREAU OF UTILITIES		DATE	
PROJECT MEADOWBROOK PARK		SECTION/AREA N/A	MAP NO. MAP 30 PARCELS 383 & 387		
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE	PLAT NO. N/A	GRID NO. 5	ZONE R-20	TAX/ZONE 2
CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE	WATER CODE F09	SEWER CODE 5750615	ELEC. DIST. 2	CENSUS TR. 602302

OWNER/DEVELOPER INFORMATION	
OWNER/DEVELOPER: HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS 9250 BENDIX ROAD ELLCOTT CITY, MD. 21043	

SCHEDULE 'B' PARKING LOT INTERNAL LANDSCAPING	
NUMBER OF PARKING SPACES	322
INTERNAL ISLANDS REQUIRED 1:20 SPACES	16
INTERNAL ISLANDS PROVIDED	16
NUMBER OF TREES REQUIRED	16
NUMBER OF TREES PROVIDED	36
SHADE TREES	
OTHER TREES (2:1 substitution)	

<p>ENGINEERING • ENVIRONMENTAL SCIENCES LAND PLANNING & SURVEYING CONSTRUCTION SERVICES 20 RIDGELY AVENUE ANNAPOLIS, MARYLAND 21401 (410) 267-8621 FAX (410) 267-9932</p>	DES: J.S.				
	DRN: J.S.				
	CHK: V.D.				
DATE: MAY, 2007	BY	No.	REVISION	DATE	

LANDSCAPE PLAN
PARKING AREA & WATER QUALITY
WETLAND PLANTING PLAN

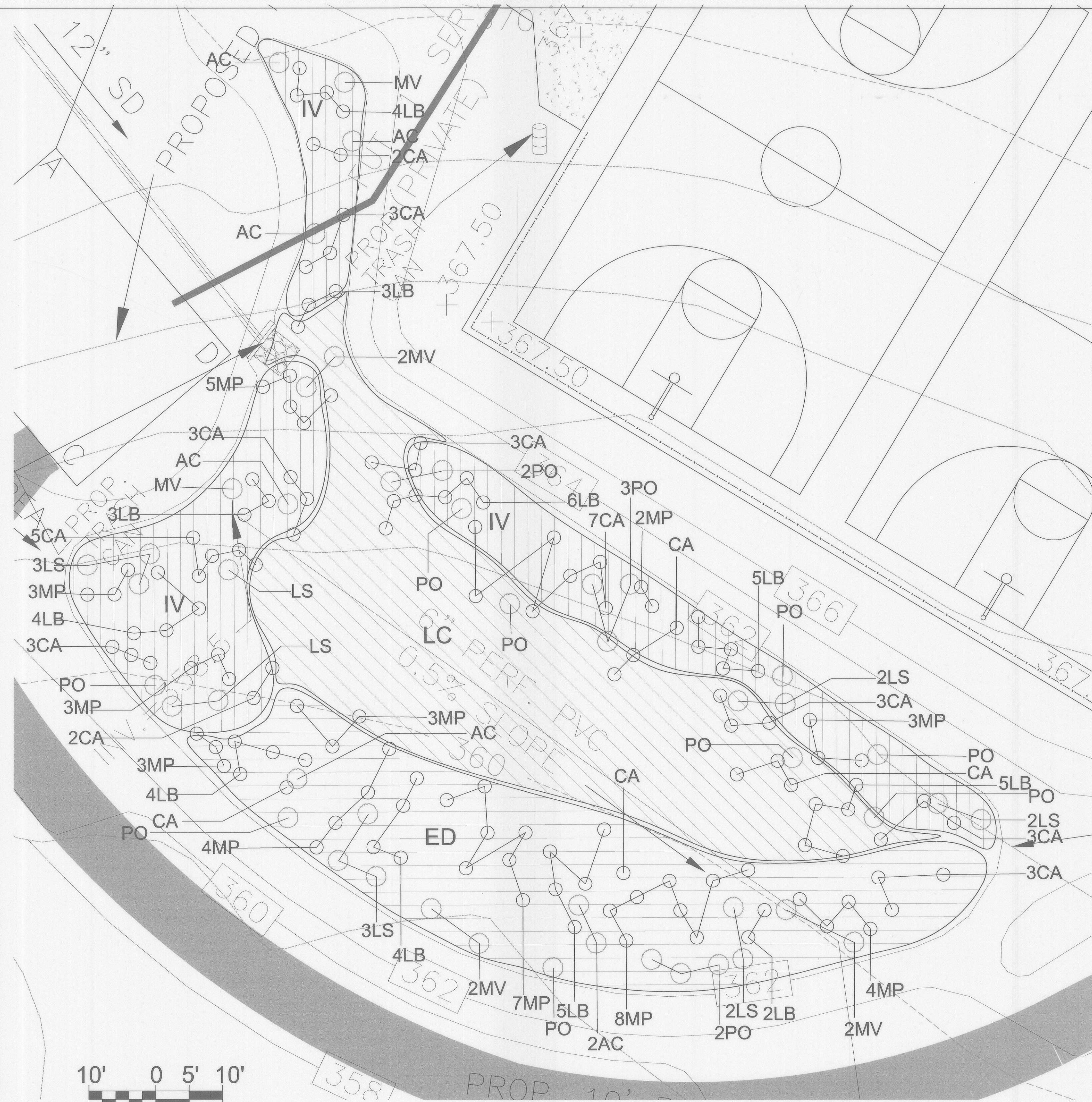
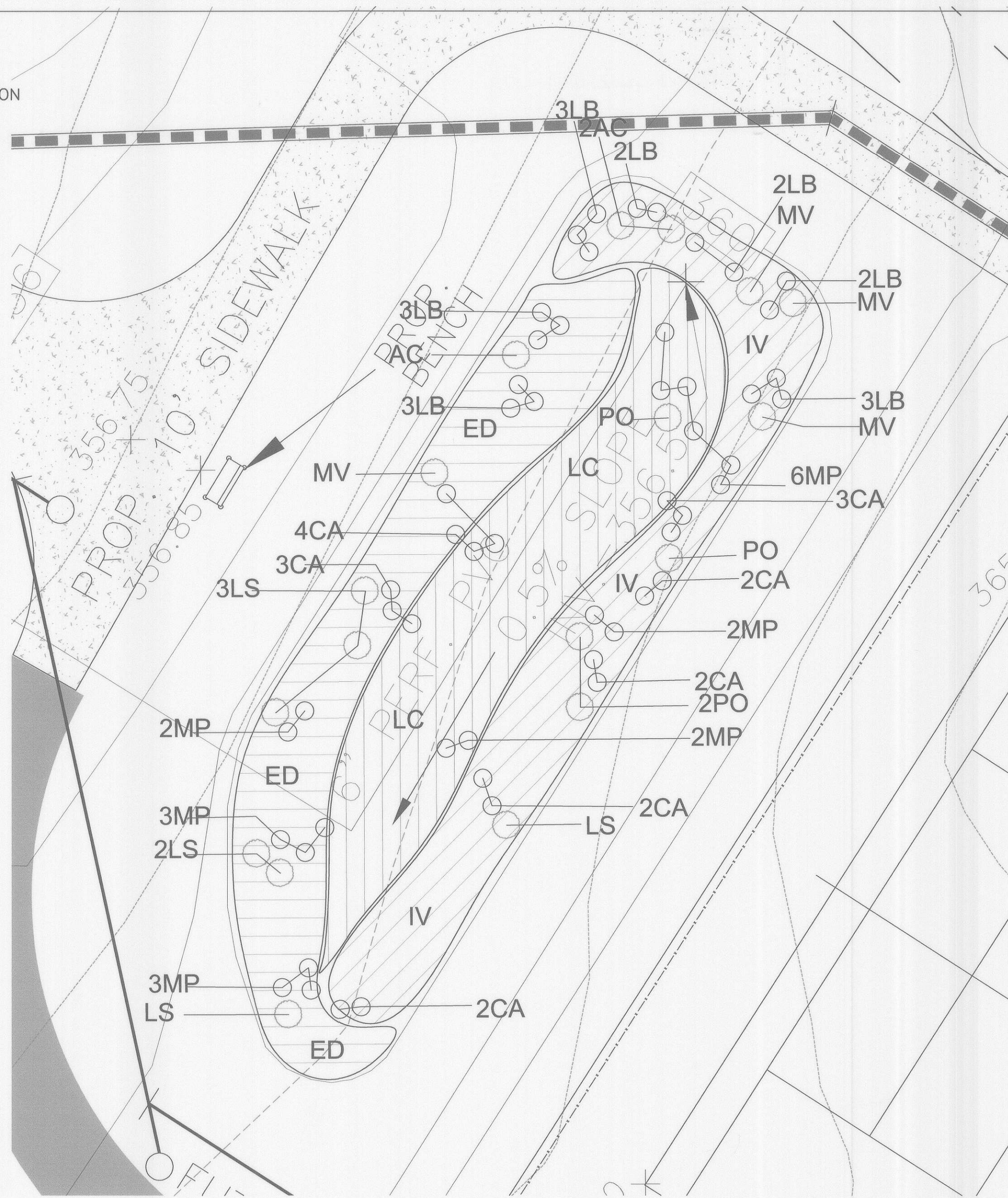
SITE DEVELOPMENT PLAN
MEADOWBROOK PARK

PROJECT NO. N-3105
BLOCK 5
PARCELS 383 & 387
HOWARD COUNTY, MARYLAND

SCALE
AS SHOWN

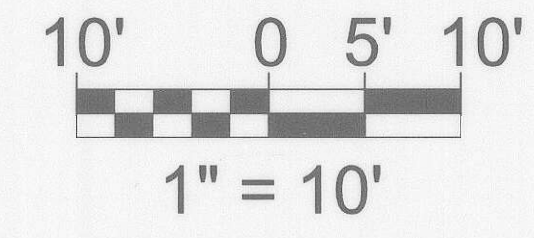
SHEET
21 OF 29

NOTE:
 1. NO PLANTINGS ARE REQUIRED AROUND THE BIORETENTION FACILITIES OR SWM WATER QUALITY FACILITY BECAUSE PLANTINGS ARE PROVIDED IN THOSE FACILITIES.



BIORETENTION FACILITY A						
	SCIENTIFIC NAME	COMMON NAME	QTY	SIZE	CONT.	SPACING
IV	Iris versicolor	blue flag	300	plug	6 flats	24" o.c.
LC	Lobelia cardinalis	cardinal flower	300	plug	6 flats	24" o.c.
ED	Eupatorium dubium	joe-pye weed	300	plug	6 flats	24" o.c.
CA	Clethra alnifolia	sweet pepperbush	18	2-3'	B&B	as shown
LB	Lindera benzoin	spice bush	18	2-3'	B&B	as shown
MP	Myrica pennsylvanica	bayberry	18	2-3'	B&B	as shown
AC	Amelanchier canadensis	serviceberry	3	2-3'	B&B	as shown
LS	Liquidambar styraciflua	sweet gum	7	2-3'	B&B	as shown
PO	Platanus occidentalis	sycamore	4	2-3'	B&B	as shown
MV	Magnolia virginiana	sweetbay magnolia	4	2-3'	B&B	as shown

BIORETENTION FACILITY B						
	SCIENTIFIC NAME	COMMON NAME	QTY	SIZE	CONT.	SPACING
BF	Iris versicolor	blue flag	750	plug	15 flats	24" o.c.
LC	Lobelia cardinalis	cardinal flower	750	plug	15 flats	24" o.c.
ED	Eupatorium dubium	joe-pye weed	700	plug	14 flats	24" o.c.
CA	Clethra alnifolia	sweet pepperbush	45	2-3'	B&B	as shown
LB	Lindera benzoin	spice bush	45	2-3'	B&B	as shown
MP	Myrica pennsylvanica	bayberry	45	2-3'	B&B	as shown
AC	Amelanchier canadensis	serviceberry	7	2-3'	B&B	as shown
LS	Liquidambar styraciflua	sweet gum	15	2-3'	B&B	as shown
PO	Platanus occidentalis	sycamore	15	2-3'	B&B	as shown
MV	Magnolia virginiana	sweetbay magnolia	8	2-3'	B&B	as shown



OWNER/DEVELOPER INFORMATION

OWNER/DEVELOPER:
 HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS
 9250 BENDIX ROAD
 ELLICOTT CITY, MD. 21043

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND

DIRECTOR _____ DATE _____

CHIEF, DIVISION OF LAND DEVELOPMENT _____ DATE _____

CHIEF, DEVELOPMENT ENGINEERING DIVISION _____ DATE _____

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

CHIEF, BUREAU OF UTILITIES _____ DATE _____

PROJECT: MEADOWBROOK PARK
 SECTION/AREA: N/A
 MAP NO.: MAP 30 PARCELS 383 & 387

PLAT NO.	GRID NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
N/A	5	R-20	2	2	602302

WATER CODE	SEWER CODE
F09	5750615

SLATER ASSOCIATES INC.
 5560 Sterrett Pl. Suite 302 Columbia, MD 21045
 410.992.0001 - phone 410.992.0212 - fax slaterj@eros.com

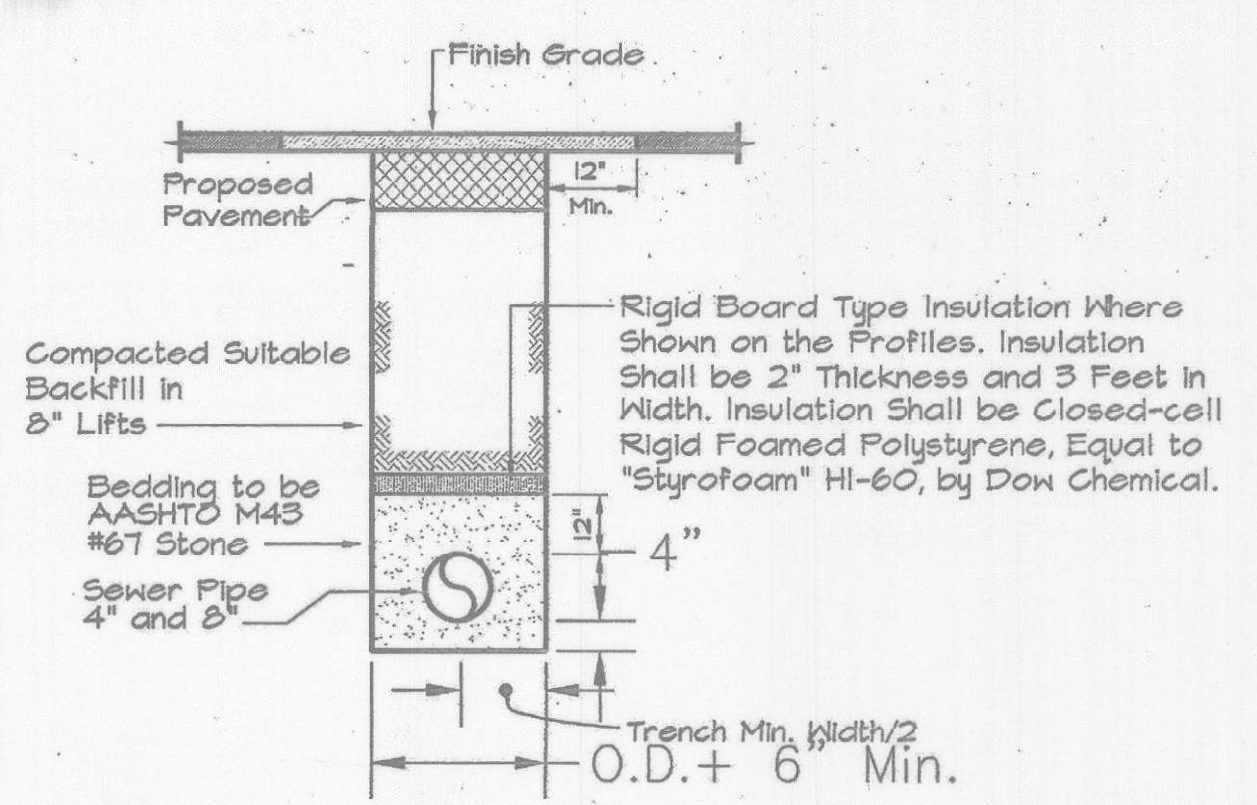
McCRONE
 ENGINEERING ENVIRONMENTAL SCIENCES
 LAND PLANNING & SURVEYING CONSTRUCTION SERVICES
 20 RIDGELY AVENUE
 ANNAPOLIS, MARYLAND 21401
 (410) 297-6621
 Fax (410) 297-9932
 ANNAPOLIS CENTREVILLE ELKTON PRINCE FREDERICK SALISBURY

DES: J.M.			
DRN: J.S.			
CHK: V.D.			
DATE: MAY, 2001	BY: No.	REVISION	DATE

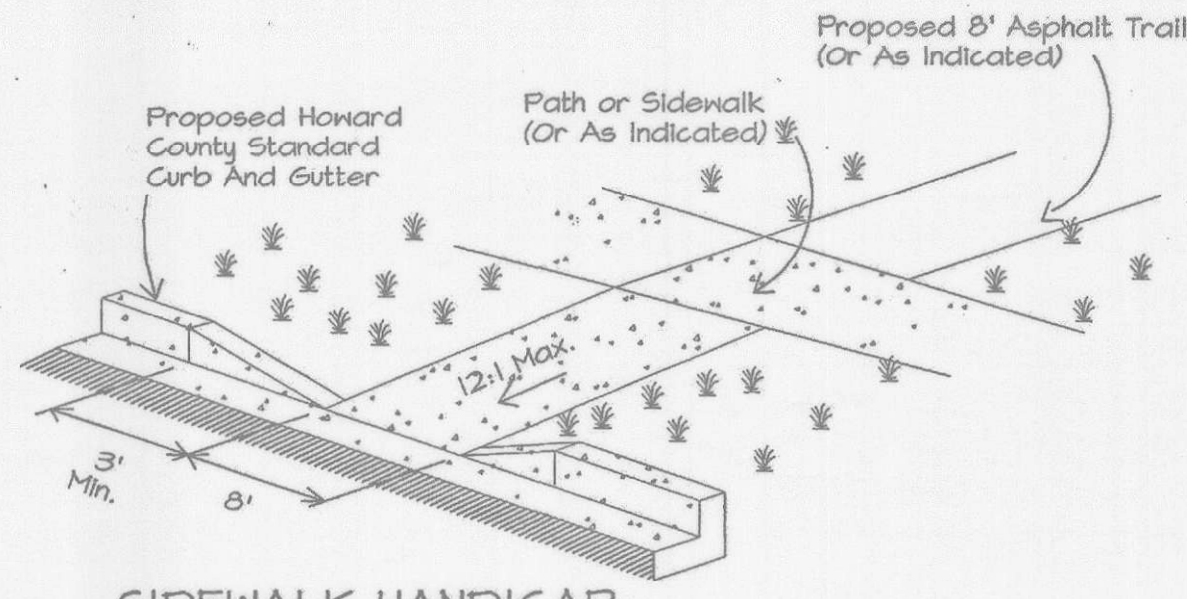
LANDSCAPE PLAN
 BIORETENTION PLANTING PLAN

SITE DEVELOPMENT PLAN
 MEADOWBROOK PARK
 TAX MAP 30 SECOND ELECTION DISTRICT
 PROJECT NO. N-3105 BLOCK 5
 PARCELS 383 & 387 HOWARD COUNTY, MARYLAND

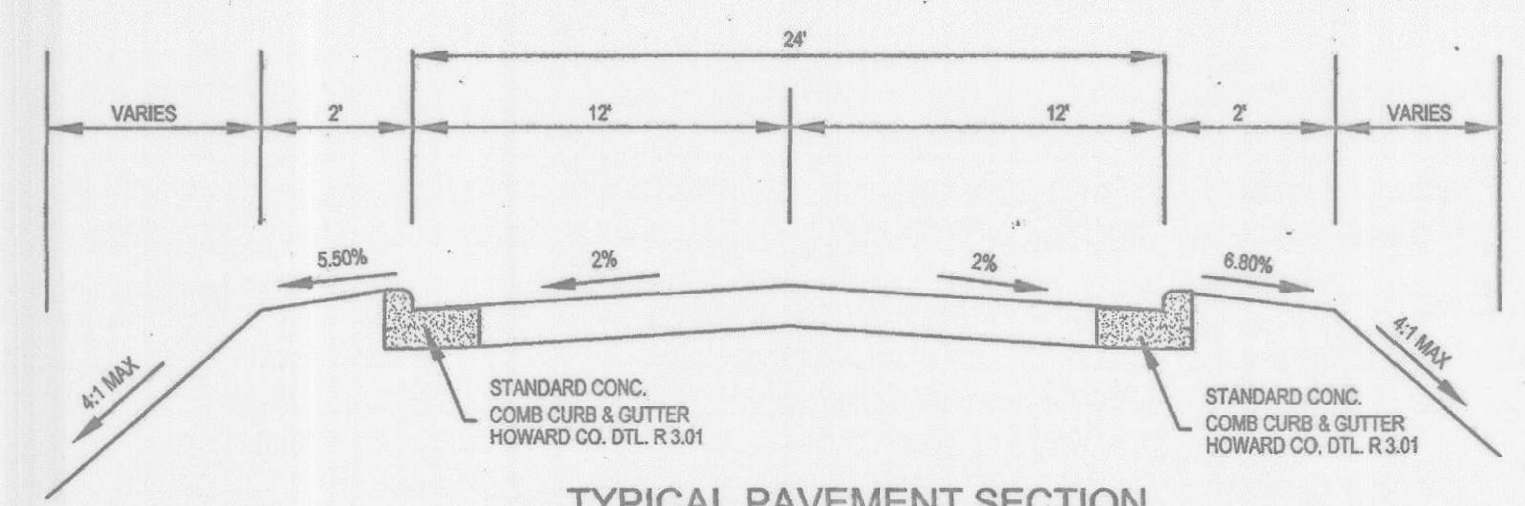
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 SHEET 22 OF



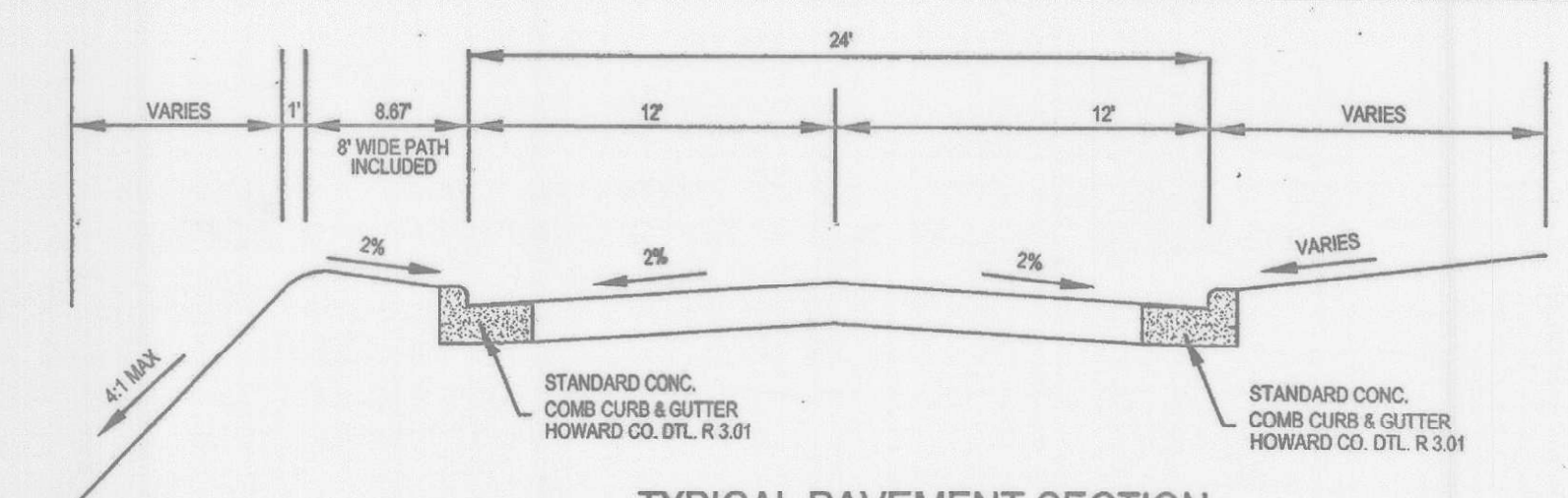
TRENCH & BEDDING DETAIL
(FOR PRIVATE ON-SITE SANITARY SEWER)
NO SCALE



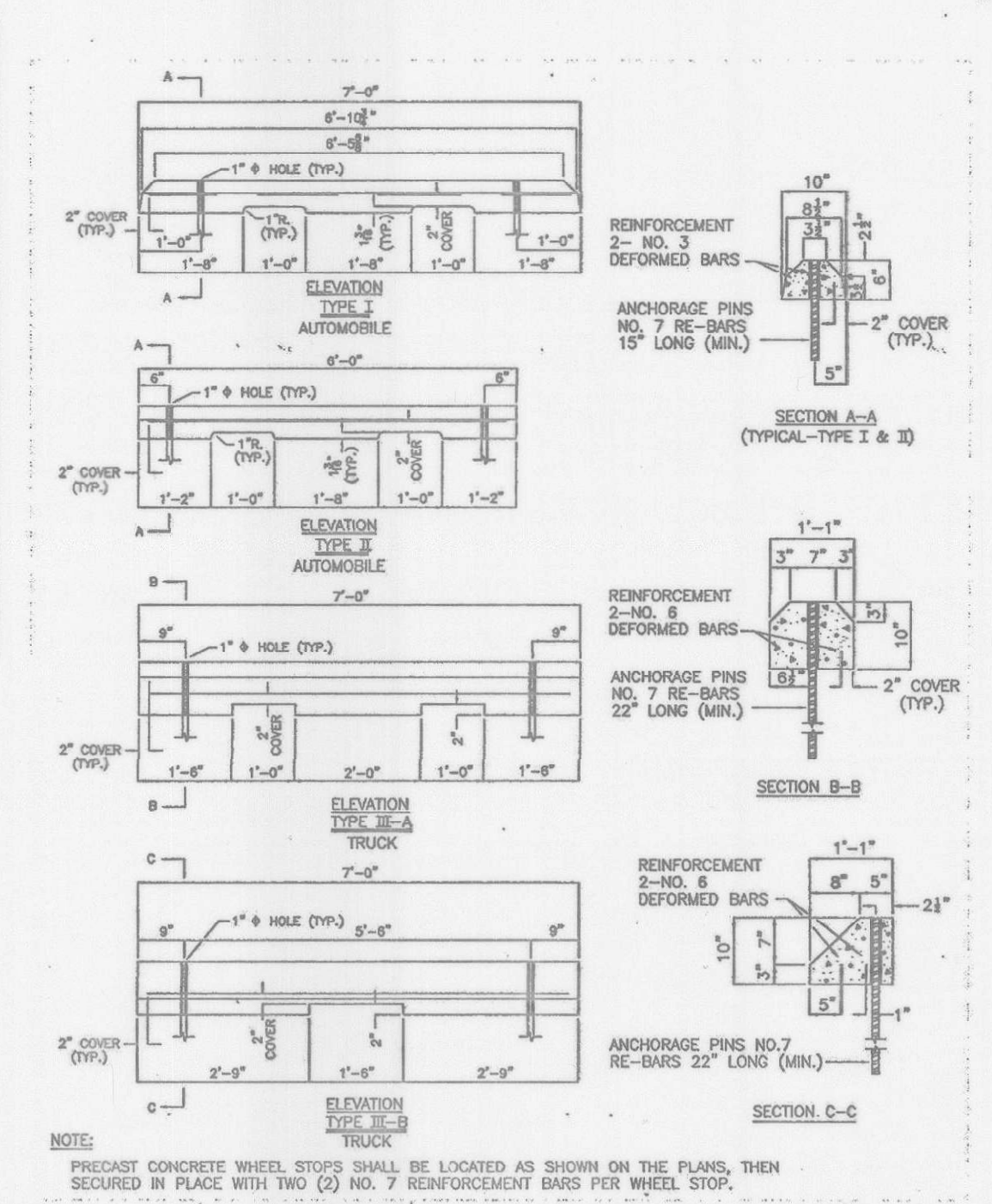
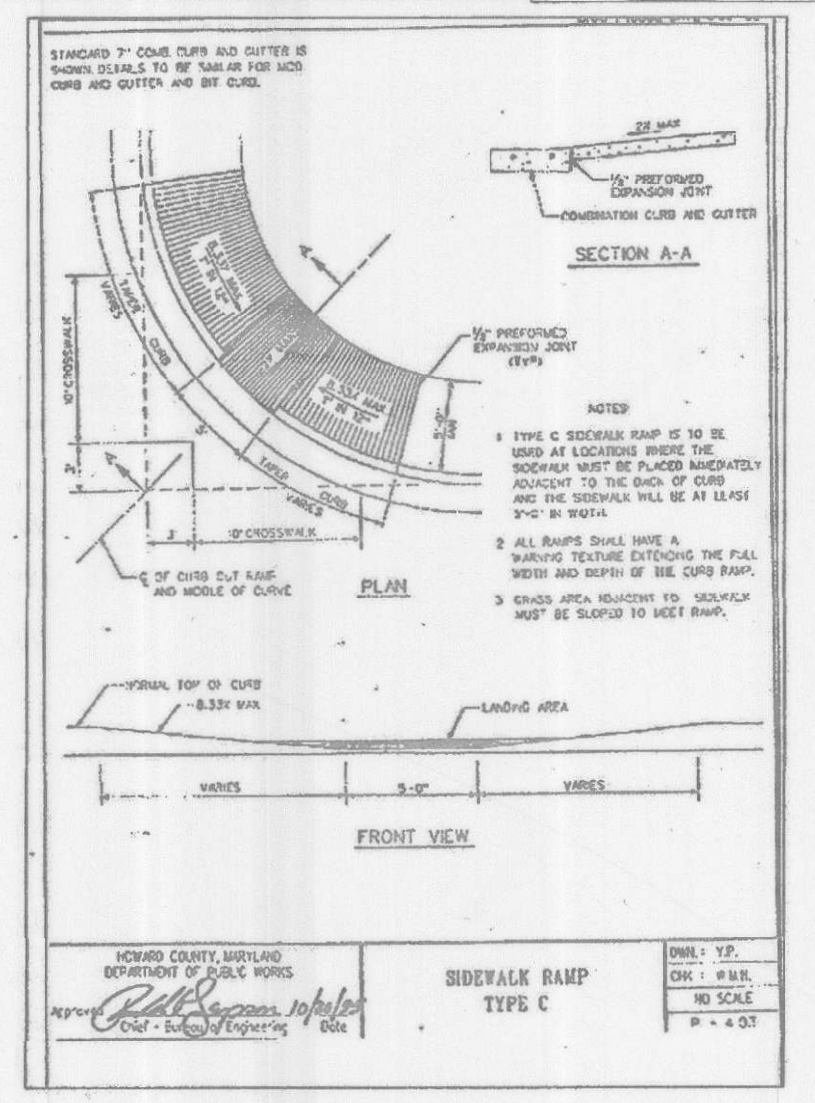
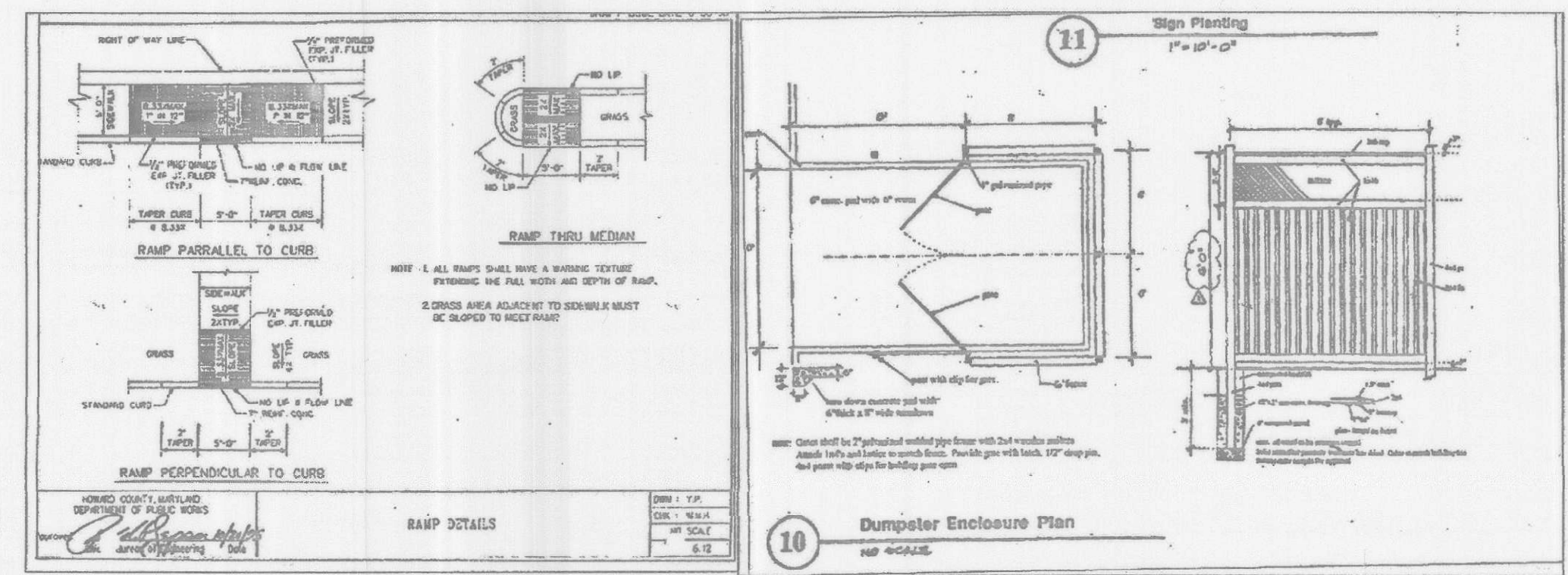
SIDEWALK HANDICAP RAMP DETAIL
Scale: None



TYPICAL PAVEMENT SECTION
MAIN ENTRANCE ROAD @ STA. 1+00
NOT TO SCALE



TYPICAL PAVEMENT SECTION
MAIN ENTRANCE ROAD @ STA. 3+00
NOT TO SCALE



STANDARD WHEEL STOPS
PROVIDE TYPE I WHEELSTOP FOR PARKING AREAS AS SHOWN ON SITE PLAN.

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
STANDARD FOR PRECAST CONCRETE WHEEL STOPS
MAY 1998 MD-725.01

OWNER/DEVELOPER INFORMATION
Russell Soper 9/30/02
OWNER/DEVELOPER:
HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS
9250 BENDIX ROAD
ELLICOTT CITY, MD. 21043

NOTE:
ALL SWALES TO BE STABILIZED WITH EROSION CONTROL MATTING, PER DETAIL SHT 15
4" TOPSOIL, SEED AND MULCH. MATTING TO EXTEND 1' MINIMUM BEYOND INVERT.

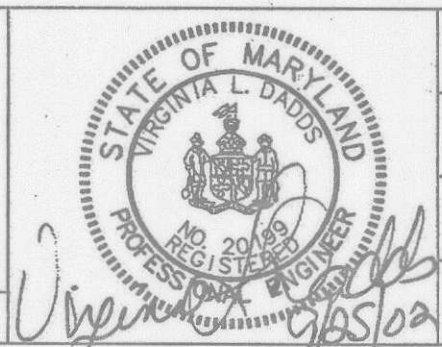
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND
Director: Paul Rutter 10/24/02
Chief, Division of Land Development: Cindy Hamstra 10/24/02
Chief, Development Engineering Division: [Signature] 10/24/02

DEPARTMENT OF RECREATION AND PARKS
HOWARD COUNTY, MARYLAND
Director: Gary S. Arthur 10-2-02
PROJECT: MEADOWBROOK PARK
SECTION/AREA: N/A MAP NO.: MAP 30 PARCELS 383 & 387
PLAT NO.: N/A GRID NO.: 5 ZONE: R-20 TAX/ZONE: 2 ELEC. DIST.: 2 CENSUS TR.: 602302
WATER CODE: F09 SEWER CODE: 5750615

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
Chief, Bureau of Utilities: [Signature]

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND
Chief, Development Engineering Division: [Signature]

McCRONE
ENGINEERING/ ENVIRONMENTAL SCIENCES
LAND PLANNING & SURVEYING/ CONSTRUCTION SERVICES
30 WIDEBY AVENUE
ANNAPOLIS, MARYLAND 21401
(410) 307-8021
Fax (410) 267-9932
ANNAPOLIS CENTREVILLE ELKTON PRINCE FREDERICK SALISBURY

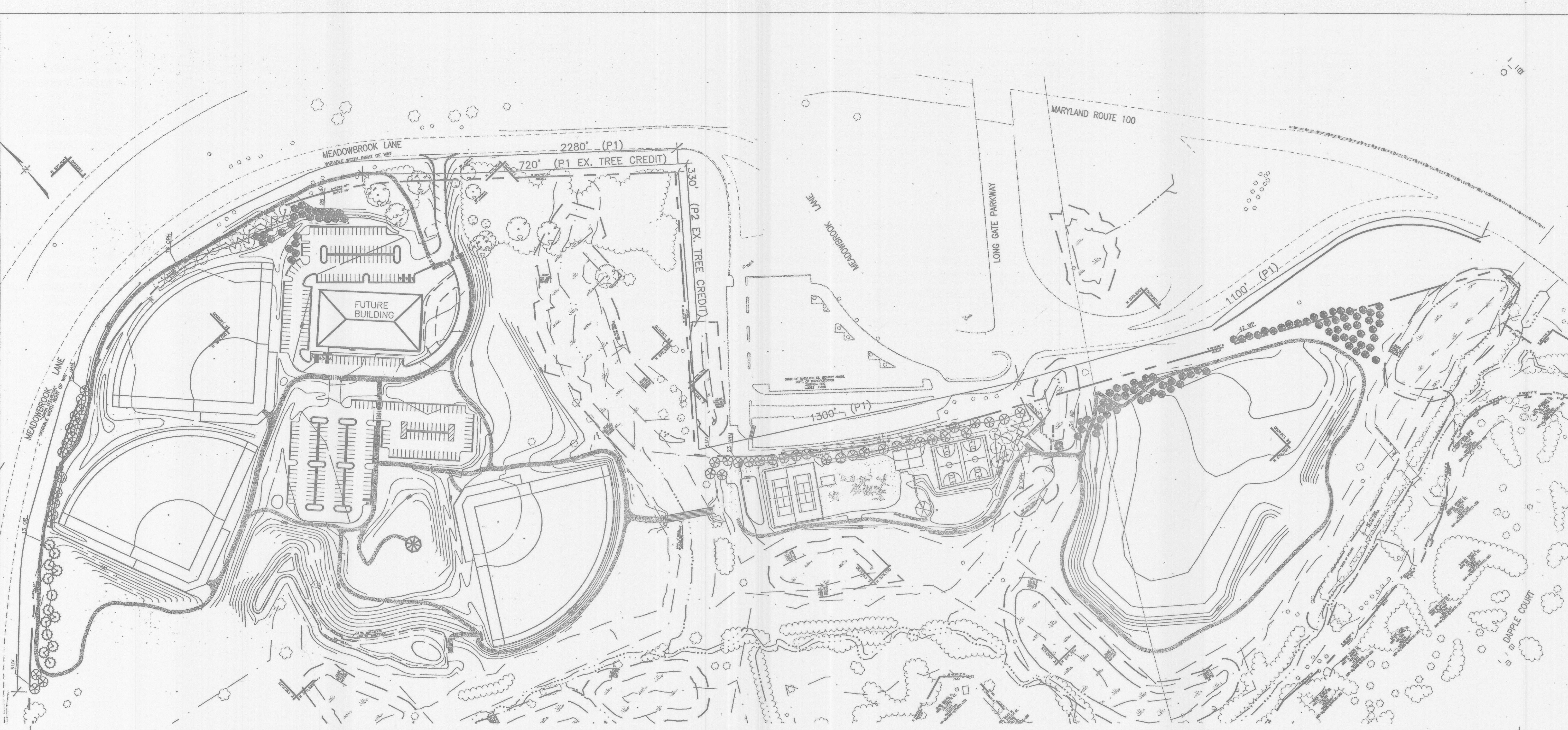


DES:	J.S.				
DRN:	J.S.				
CHK:	V.D.				
DATE:	MAY, 2001	BY	No.	REVISION	DATE

DETAILS

SITE DEVELOPMENT PLAN
MEADOWBROOK PARK
PROJECT NO. N-3105
BLOCK 5 PARCELS 383 & 387
TAX MAP 30 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 20 OF 29



DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

Jack Rutter 10/24/02
DIRECTOR DATE

Cindy Hamrick 10/24/02
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

Mike Drummond 10/21/02
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

OWNER/DEVELOPER INFORMATION

Paul H. Johnson 9/30/02
OWNER/DEVELOPER

HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS
9250 BENDIX ROAD
ELLCOTT CITY, MARYLAND 21043

DEPARTMENT OF RECREATION AND PARKS
HOWARD COUNTY, MARYLAND

Ray J. Anderson 10/25/02
DIRECTOR DATE

Gregory S. Desjardis

PROJECT	SECTION/AREA	MAP NO.			
MEADOWBROOK PARK	N/A	MAP 30 PARCELS 383 & 387			
PLAT NO.	GRID NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
N/A	5	R-20	2	2	602302
WATER CODE	SEWER CODE				
F09	5750615				

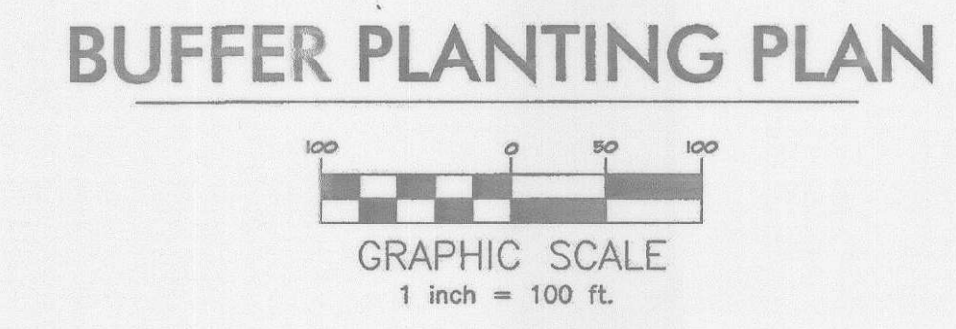
**SCHEDULE 'A'
PERIMETER LANDSCAPE EDGE**

	P1 (TYPE B)	P2 (TYPE C)
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	5010 L.F.	4250 L.F.
CREDIT FOR EXISTING VEGETATION (YES LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	1050 L.F.	4250 L.F.
CREDIT FOR WALL, FENCE OR BERM (YES LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	0 L.F.	0 L.F.
NUMBER OF PLANTS REQUIRED		
SHADE TREES (1:50')	81	0
EVERGREEN TREES (1:40')	101	0
SHRUBS	0	0
NUMBER OF PLANTS PROVIDED		
SHADE TREES (1:50')	81	0
EVERGREEN TREES (1:40')	101	0
SHRUBS	0	0
(DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)		

NOTE: NO LANDSCAPE SURETY IS REQUIRED SINCE THIS IS A HOWARD COUNTY DPW/DRP PROJECT.

Plant List

Quantity	Symbol	Botanical Name	Common Name	Remarks
101	WP	Pinus strobus	White Pine	6-8' Hgt., B&B
25	QPH	Quercus phellos	Willow Oak	2 1/2-3" Cal., B&B, Plant in Spring
36	ARM	Acer rubrum	Red Sunset Maple	2 1/2-3" Cal., B&B
13	QR	Quercus rubra	Red Oak	2 1/2-3" Cal., B&B, Plant in Spring
7	UV	Ulmus americana 'Valley Forge'	Valley Forge American Elm	2 1/2-3" Cal., B&B



MCCRONE

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LAND PLANNING & SURVEYING: CONSTRUCTION SERVICES

30 RIDGELY AVENUE
ANNAPOLIS, MARYLAND 21401
(410) 267-8621
Fax (410) 267-9922

DES:	J.S.			
DRN:	J.S.			
CHK:	V.D.			
DATE:	MAY, 2001	BY	No.	REVISION
				DATE

LANDSCAPE PLAN
BUFFER PLANTING PLAN

**SITE DEVELOPMENT PLAN
MEADOWBROOK PARK**

TAX MAP 30
SECOND ELECTION DISTRICT

PROJECT N-3105
BLOCK 5

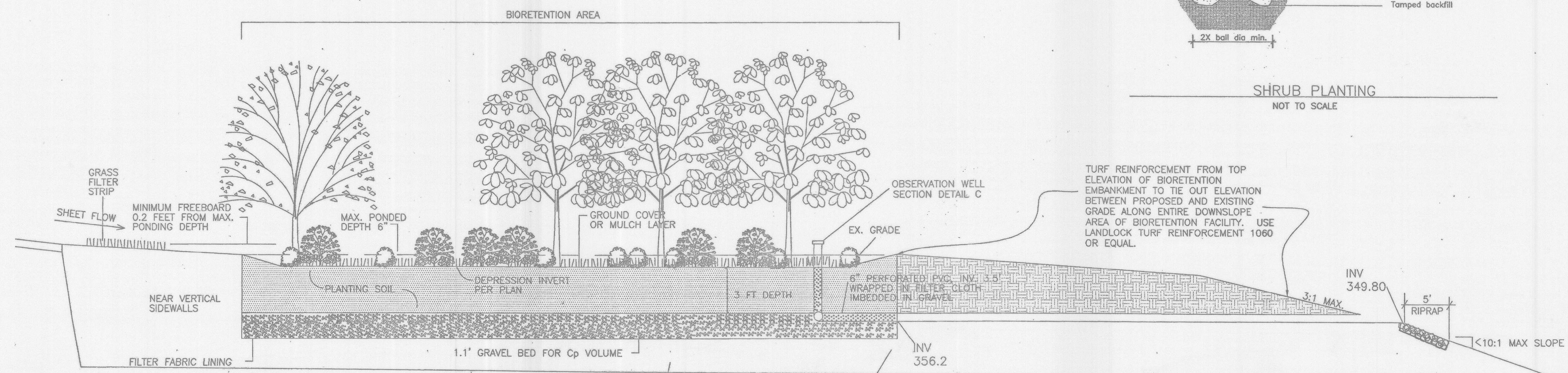
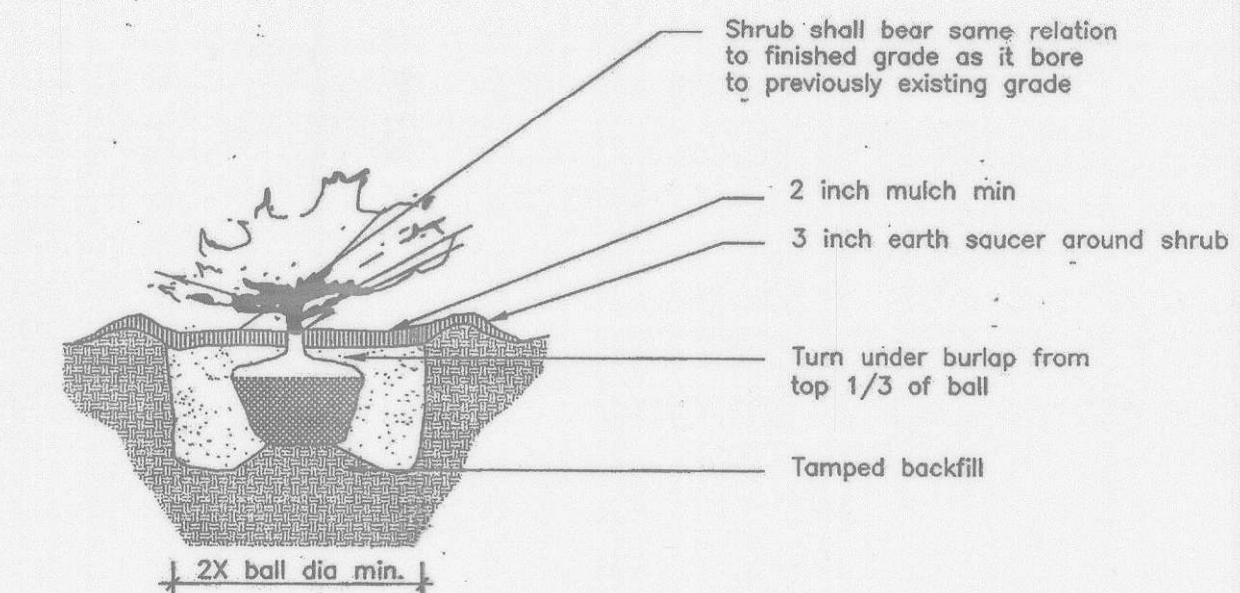
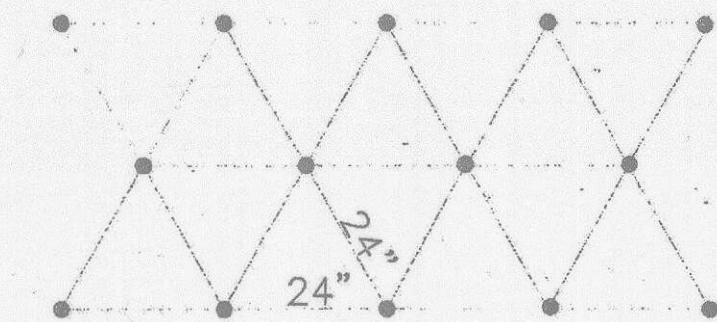
PARCEL 383 & 387
HOWARD COUNTY, MARYLAND

SCALE
1"=100'

SHEET
23 OF 29

SDP-01-145

CADD FILE: G:\1010081 - Meadowbrook Park\Final Development\23-BUFFER PLANTING PLAN.dwg



PLANTING SOILS

THE PLANTING SOIL FOR BIORETENTION AREAS MUST BE TESTED PRIOR TO INSTALLATION FOR pH, ORGANIC MATTER, AND OTHER CHEMICAL CONSTITUENTS. THE SOIL SHOULD MEET THE FOLLOWING CRITERIA (LANDSCAPE CONTRACTORS ASSOCIATION, 1986)

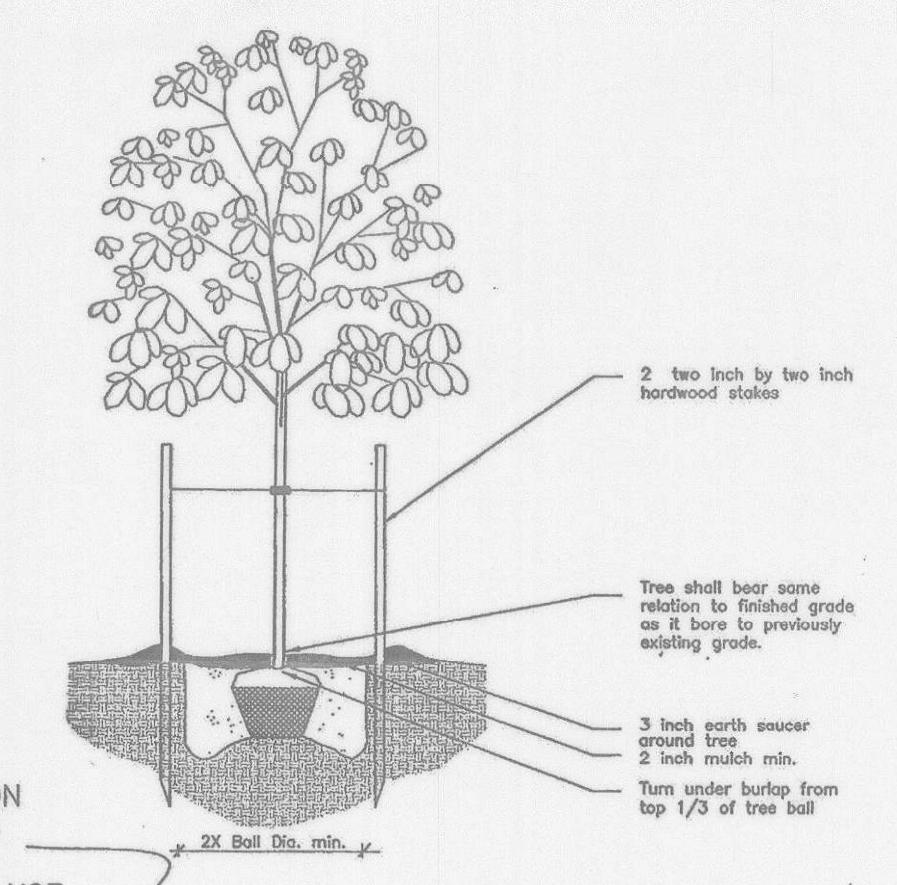
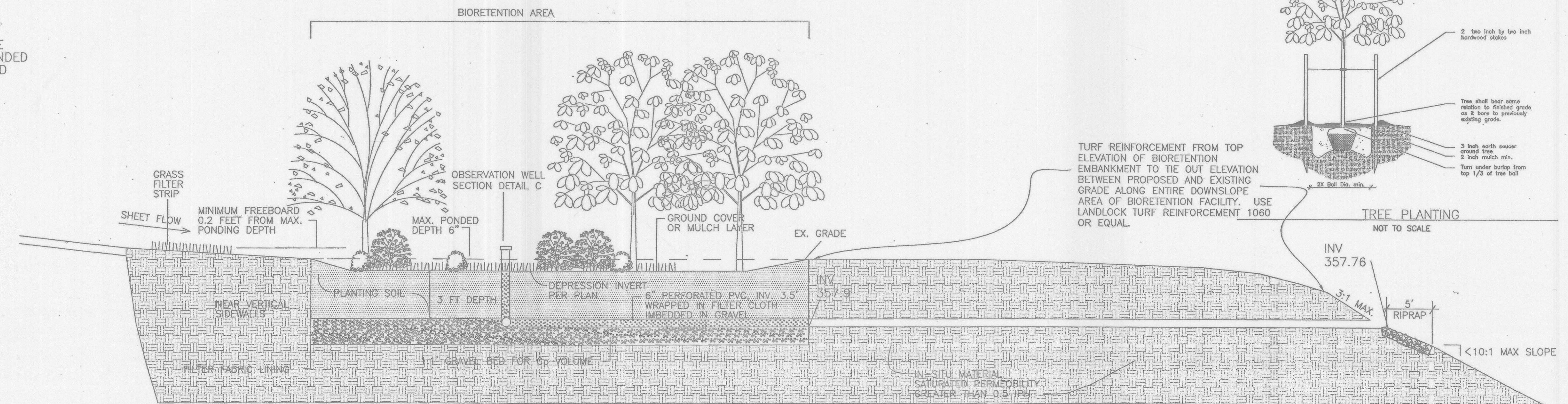
USDA SOIL CLASSIFICATION SHALL BE SANDY LOAM, LOAMY SAND OR LOAM WITH AN INFILTRATION RATE BETWEEN 0.52 AND 2.41 IN./HR.

pH RANGE:	5.5 - 6.5
ORGANIC MATTER:	1.5 - 3.0%
MAGNESIUM (Mg):	35 LBS./ACRE
PHOSPHORUS (P ₂ O ₅):	100 LBS./ACRE
POTASSIUM (K ₂ O):	85 LBS./ACRE
SOLUBLE SALTS:	NOT TO EXCEED 500 PPM

IT IS RECOMMENDED THAT ONE TEST FOR MAGNESIUM, PHOSPHORUS, POTASSIUM, AND SOLUBLE SALTS BE PERFORMED PER BORROW SOURCE OR FOR EVERY 500 CUBIC YARDS OF SOIL MATERIAL. IT IS RECOMMENDED THAT A SIEVE ANALYSIS, pH, AND ORGANIC MATTER TEST BE PERFORMED PER BIORETENTION AREA. SOIL SHALL BE PLACED IN NO GREATER THAN 18" LIFTS AND LIGHTLY TAMPED BEFORE PLACEMENT OF THE NEXT LAYER.

BIORETENTION FACILITY B (WEST)
SCALE 1:4

***THIS CONTRACT INCLUDES PLANTINGS ONLY**



BIORETENTION FACILITY A (EAST)
SCALE 1:4

OWNER/DEVELOPER INFORMATION
 OWNER/DEVELOPER: *Robert Seaman 9/30/02*
 HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS
 9250 BENDIX ROAD
 ELLICOTT CITY, MD, 21043

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND

Janet Rutter 10/24/02 DATE
 DIRECTOR

Cindy Hamant 10/24/02 DATE
 CHIEF, DIVISION OF LAND DEVELOPMENT

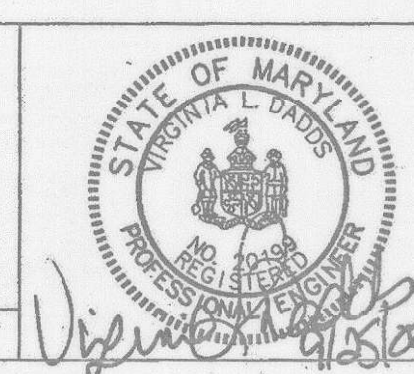
Mike Donnan 10/24/02 DATE
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

DEPARTMENT OF RECREATION AND PARKS
 HOWARD COUNTY, MARYLAND

Gary J. Arthur 10-2-02 DATE
 Gary J. Arthur, Director

PROJECT	SECTION/AREA	MAP NO.
MEADOWBROOK PARK	N/A	MAP 30 PARCELS 383 & 387
PLAT NO.	GRID NO.	ZONE
N/A	5	R-20
TAX/ZONE	ELEC. DIST.	CENSUS TR.
2	2	602302
WATER CODE	SEWER CODE	
F09	5750615	

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 ENGINEERING, ENVIRONMENTAL SCIENCES
 LAND PLANNING & SURVEYING, CONSTRUCTION SERVICES
 20 RIDGELY AVENUE
 ANNAPOLIS, MARYLAND 21401
 (410) 567-8531
 Fax (410) 567-9922



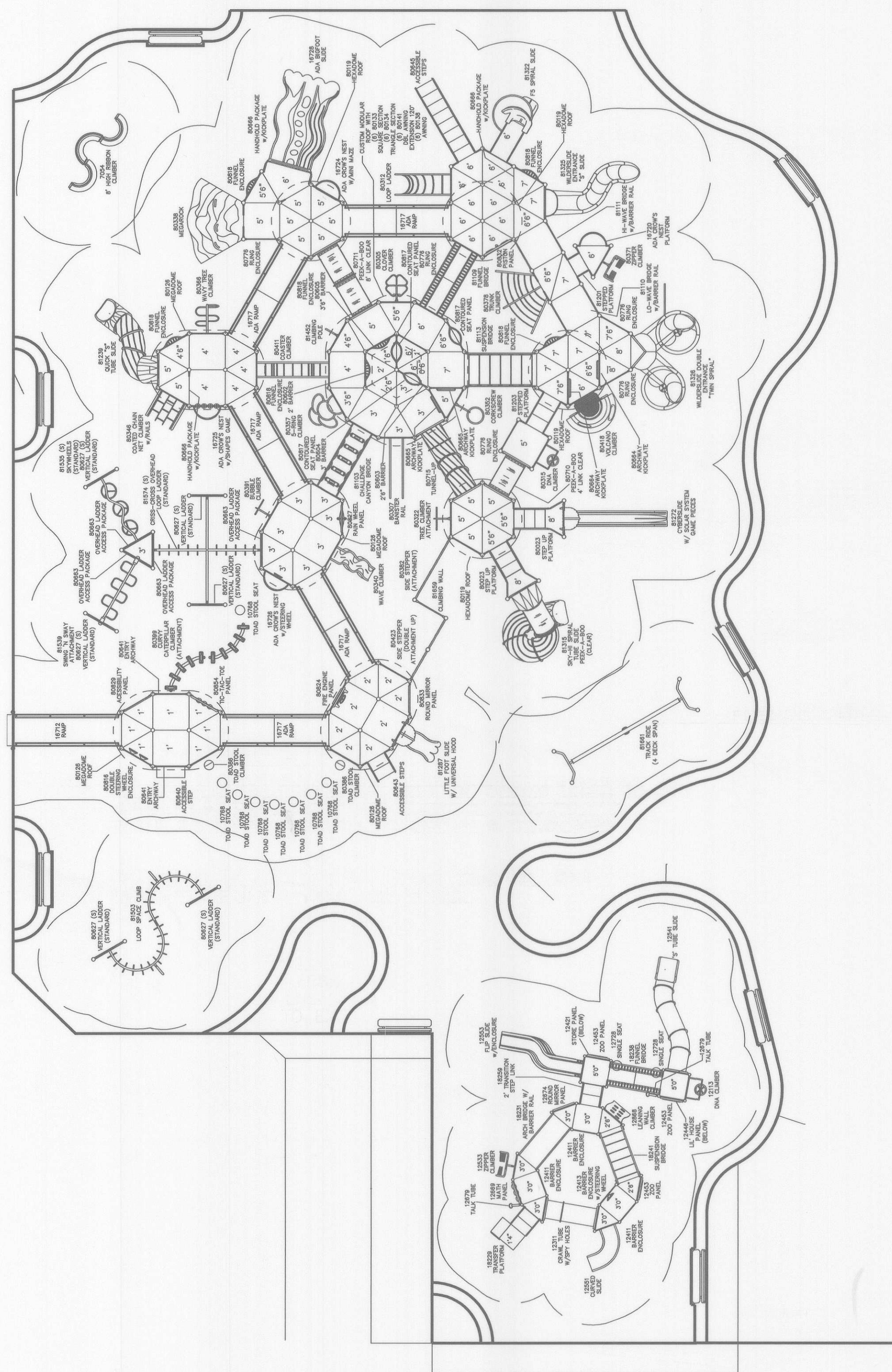
DES:	J.S.				
DRN:	J.S.				
CHK:	Y.D.				
DATE:	MAY, 2001	BY	No.	REVISION	DATE

LANDSCAPE PLAN
 BIORETENTION SECTION
 PLANTING & CONSTRUCTION
 PLAN & DETAILS

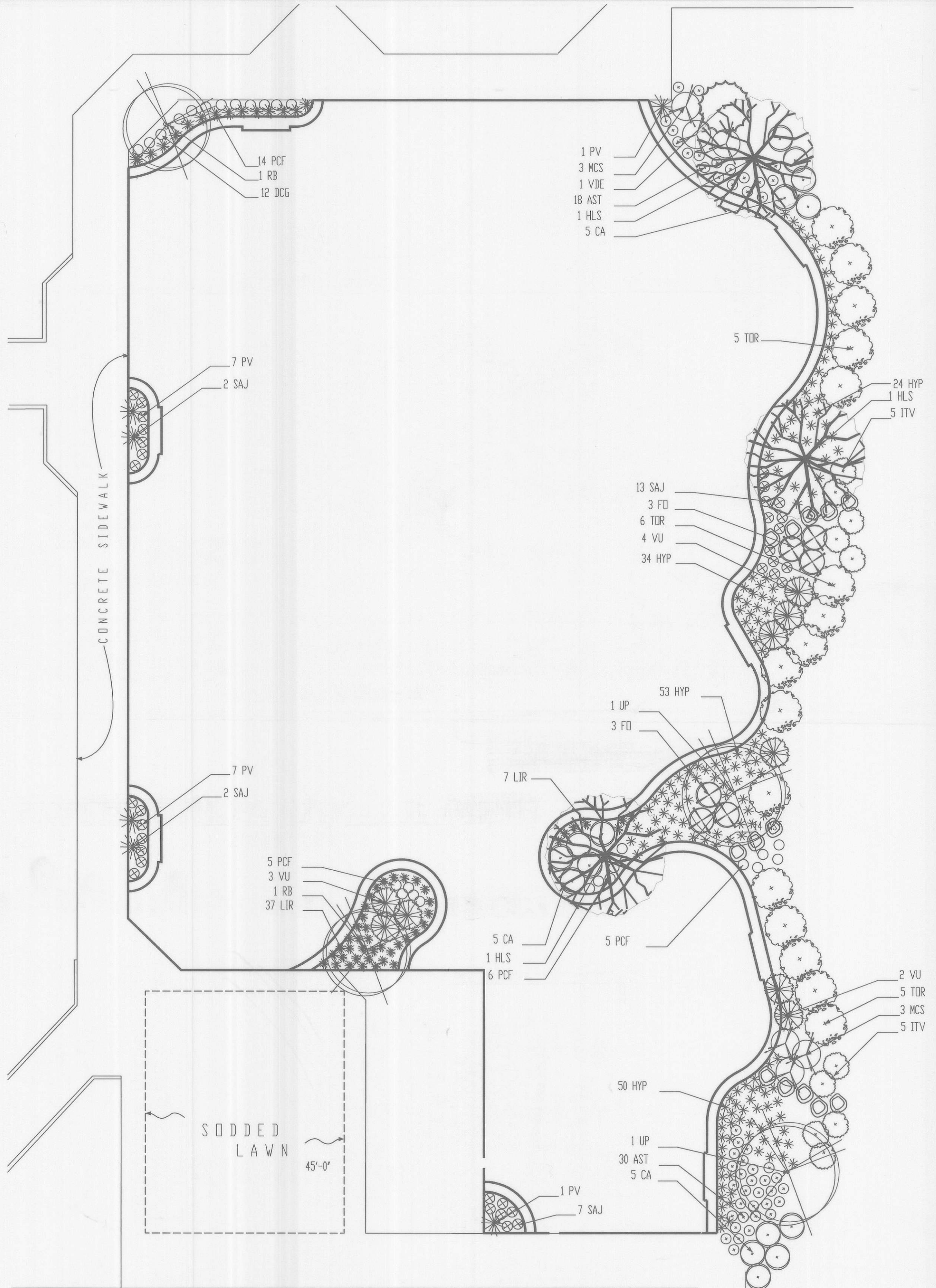
SITE DEVELOPMENT PLAN
MEADOWBROOK PARK
 PROJECT NO. N-3105
 TAX MAP 30 SECOND ELECTION DISTRICT
 BLOCK 5
 PARCELS 383 & 387
 HOWARD COUNTY, MARYLAND

SCALE AS NOTED
 SHEET 24 OF 29

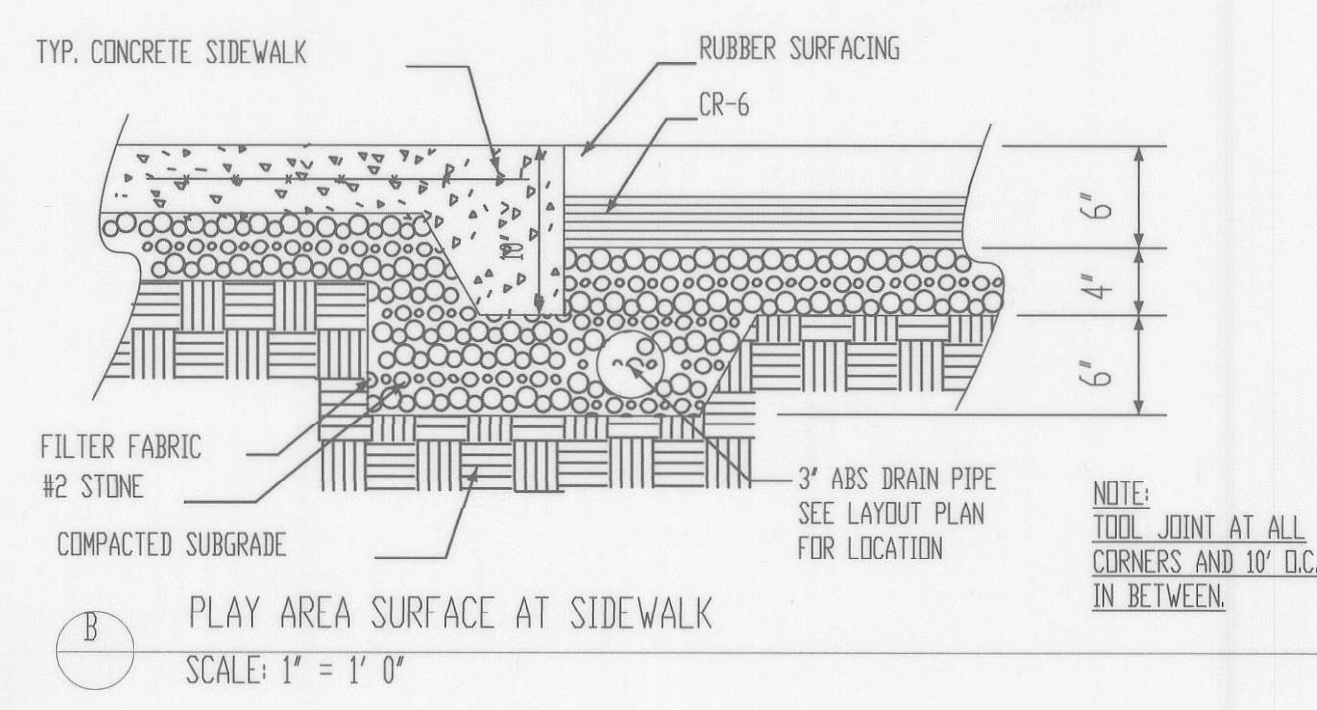
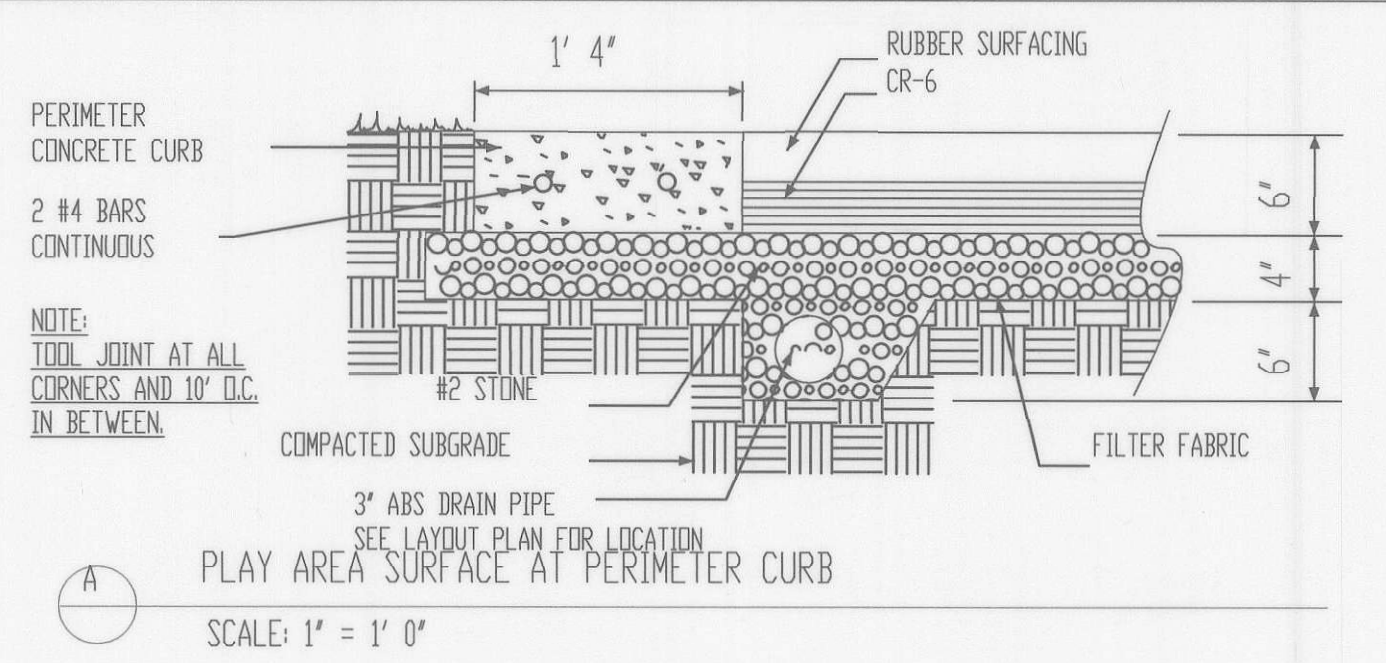
Plot Date and Time: Sep 25, 2002, 3:59pm



Layout Plan
Scale: 1" = 10'



Planting Plan
Scale: 1" = 10'



Type	Symbol	Botanical Name	Common Name	Remarks
Trees				
2	RB	Betula nigra	River Birch	1 3/4" - 2" cal., 8-10' hgt. B&B
2	UP	Ulmus parvifolia 'Allee'	Allee Elm	1 3/4" - 2" cal., 8-9' hgt. B&B
3	HLS	Gleditsia triacanthos inermis 'Shademaster'	Shademaster Honey Locust	2 1/2" - 3" cal., 12-14' hgt. B&B
Shrubs				
15	CA	Clethra alnifolia 'Hummingbird'	Hummingbird Summersweet	18-24" hgt., 3 gal.
9	VU	Viburnum utile 'Eskimo'	Eskimo Viburnum	2-3' hgt., 3 gal., B&B
6	FD	Fothergilla gardenii	Dwarf Fothergilla	18-24" hgt., 3 gal.
6	MCS	Spiraea x bumalda 'Magic Carpet'	Magic Carpet Spirea	18-24" hgt., 3 gal.
10	ITV	Itea virginica 'Henry's Garnet'	Virginia Sweetspire	2-3' hgt., 3 gal.
16	TOR	Ithya occidentalis 'Rheingold'	Rheingold	2' hgt., 3 gal.
1	VDE	Viburnum dentatum 'Chicago Lustre'	Chicago Lustre Arrowwood	30-36" hgt. & sprd., B&B
Perennials				
62	AST	Aster sp.	Aster	1 gal. cont., 16' o.c.
30	PCF	Echinacea purpurea	Purple Coneflower	1 gal. cont., 16' o.c.
161	HYP	Hypericum calycinum	St. John's-wort	1 gal. cont., 12' o.c.
24	SAJ	Sedum spectabile 'Autumn Joy'	Autumn Joy Stonecrop	1 gal. cont., 16' o.c.
Groundcover				
44	LIR	Liriope muscari 'Big Blue'	Liriope	1 gal. cont., 12' o.c.
Grasses				
16	PV	Panicum virgatum 'Cloud Nine'	Cloud Nine	7-8', 4' cont.
12	DCG	Dechampsia cespitosa 'Goldhaenge'	Goldhaenge	2-3', 4' cont.

Plot Date and Time: Jul 26, 2004 - 3:40pm

SLATER ASSOCIATES INC.
5560 Sterrett Pl. Suite 302 Columbia, MD 21045
410.992.0001 - phone 410.992.0212 - fax slaterj@eros.com

McCRONE
ENGINEERING • ENVIRONMENTAL SCIENCES
LAND PLANNING & SURVEYING CONSTRUCTION SERVICES
20 RIDGELY AVENUE ANNAPOLIS, MARYLAND 21401
(410) 267-8621 Fax (410) 267-9932
ANNAPOLIS CENTREVILLE ELKTON PRINCE FREDERICK SALISBURY

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

DIRECTOR _____ DATE _____

CHIEF, DIVISION OF LAND DEVELOPMENT _____ DATE _____

CHIEF, DEVELOPMENT ENGINEERING DIVISION _____ DATE _____

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

CHIEF, BUREAU OF UTILITIES _____ DATE _____

PROJECT: MEADOWBROOK PARK SECTION/AREA: N/A MAP NO.: MAP 30 PARCELS 383 & 387

PLAT NO.	GRID NO.	ZONE	TAXZONE	ELEC. DIST.	CENSUS TR.
N/A	5	R-20	2	2	602302

WATER CODE: F09 SEWER CODE: 5750615

OWNER/DEVELOPER INFORMATION

OWNER/DEVELOPER:
HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS
9250 BENDIX ROAD
ELLCOTT CITY, MD. 21043

LANDSCAPE PLAN
ADVENTURE PLAYGROUND
LAYOUT & PLANTING PLAN

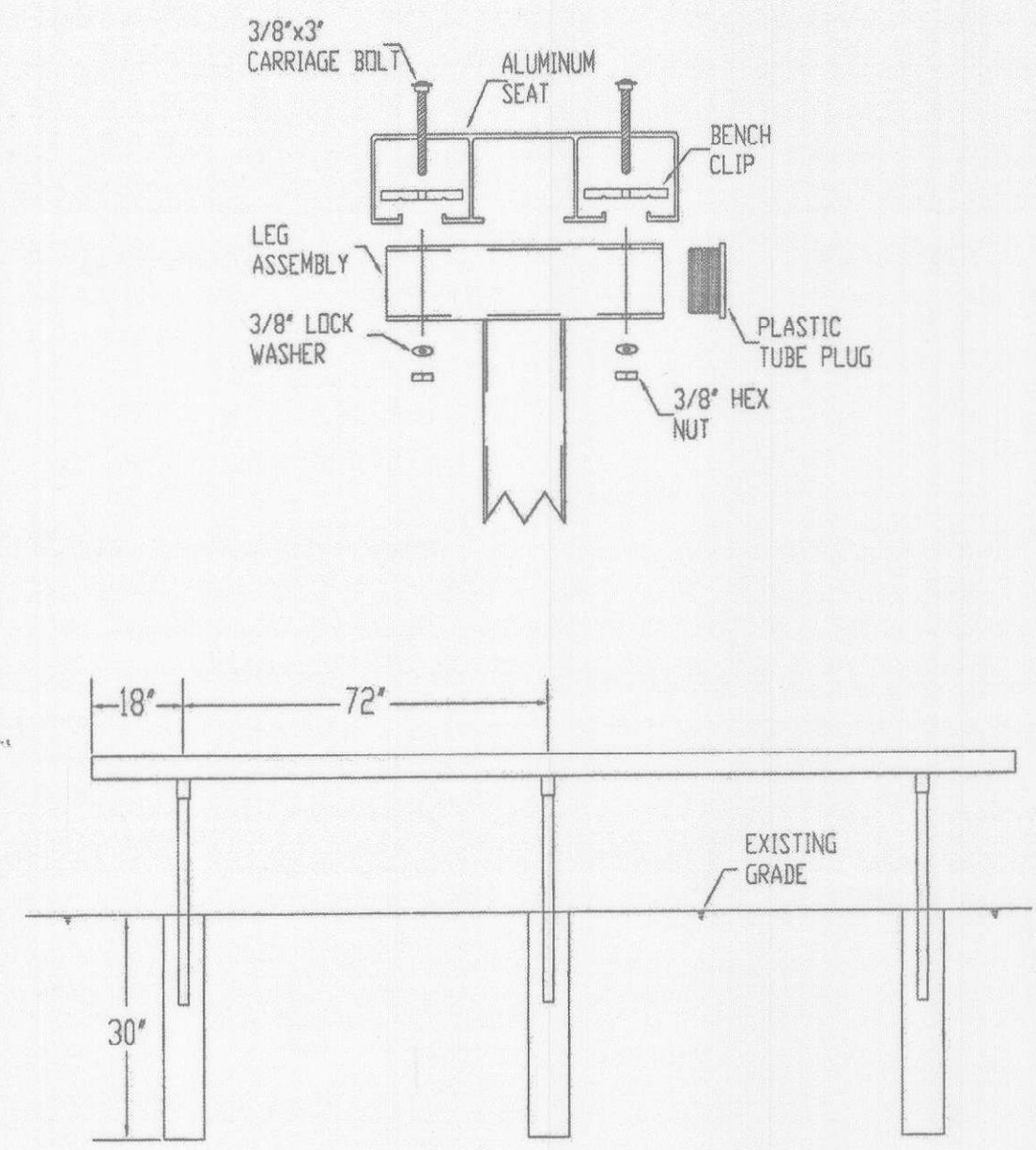
SITE DEVELOPMENT PLAN
MEADOWBROOK PARK

TAX MAP 30 SECOND ELECTION DISTRICT PROJECT NO. N-3105 BLOCK 5 PARCELS 383 & 387 HOWARD COUNTY, MARYLAND

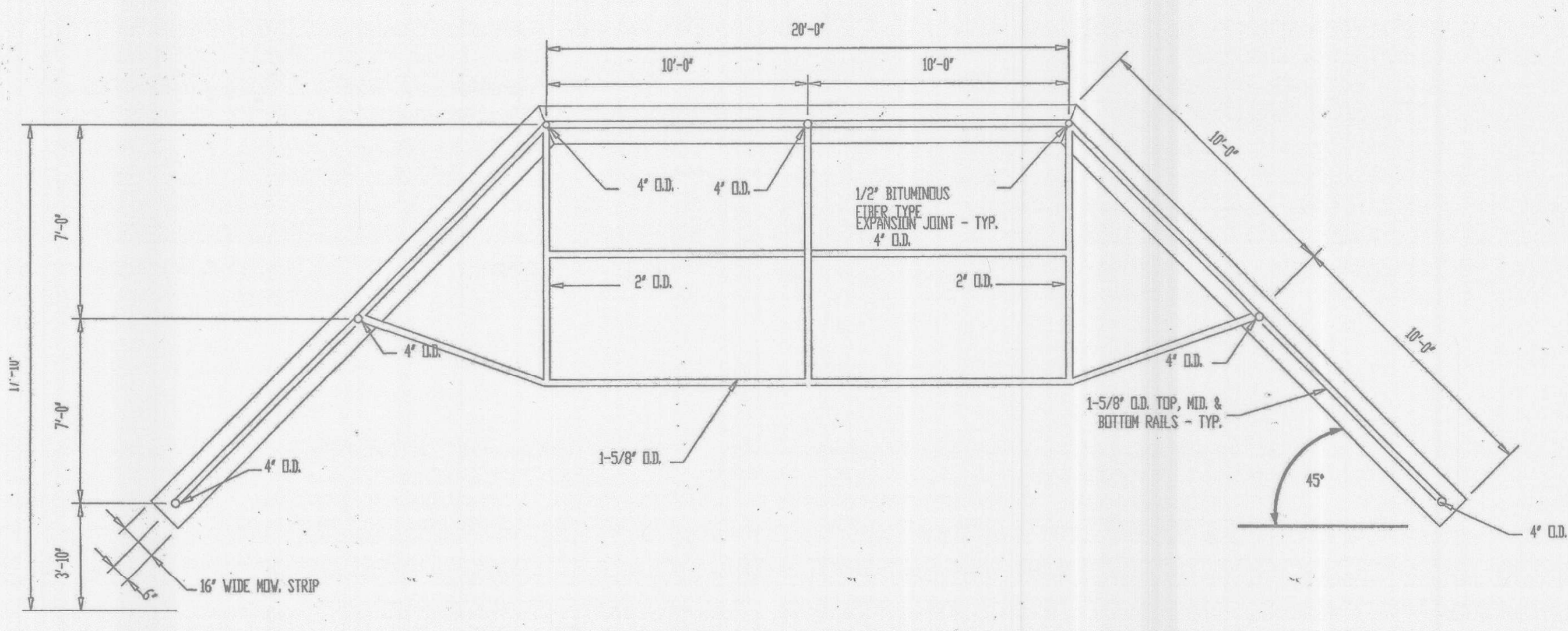
DES: J.S. DRN: J.S. CHK: V.D. DATE: MAY, 2004

REVISION: BY No. REVISION DATE

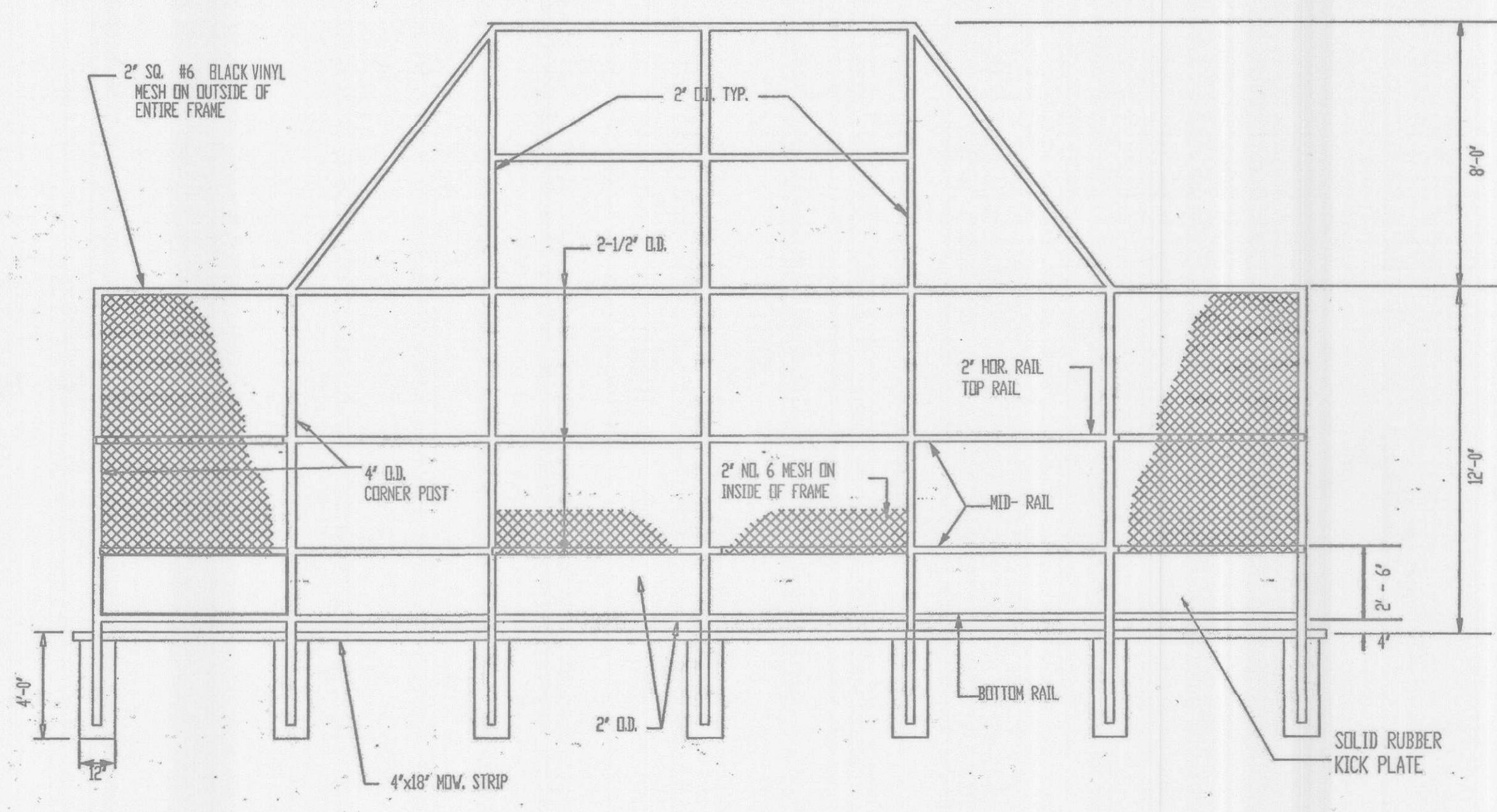
SCALE AS NOTED SHEET 25 OF 29



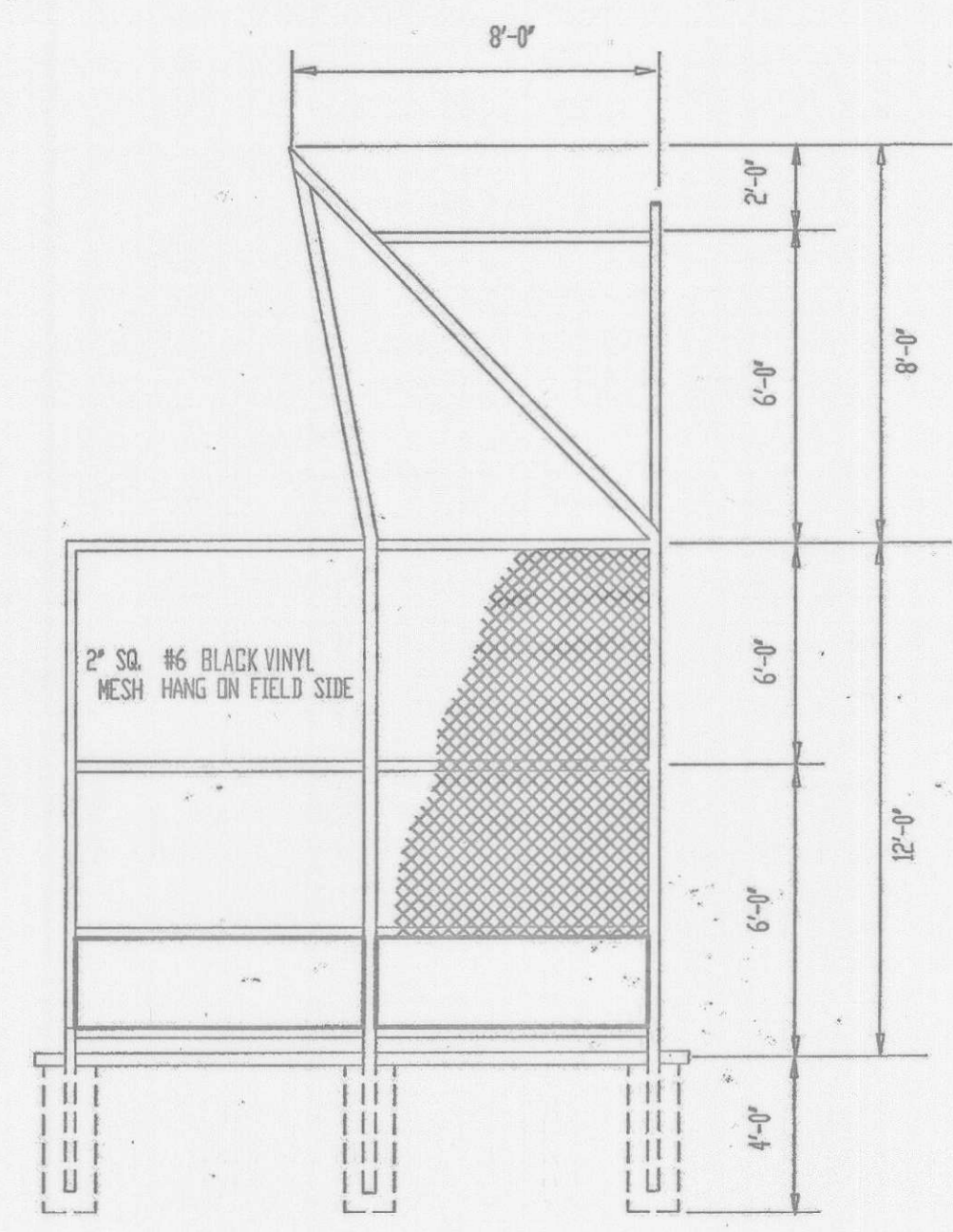
G PLAYERS BENCH
N.T.S.



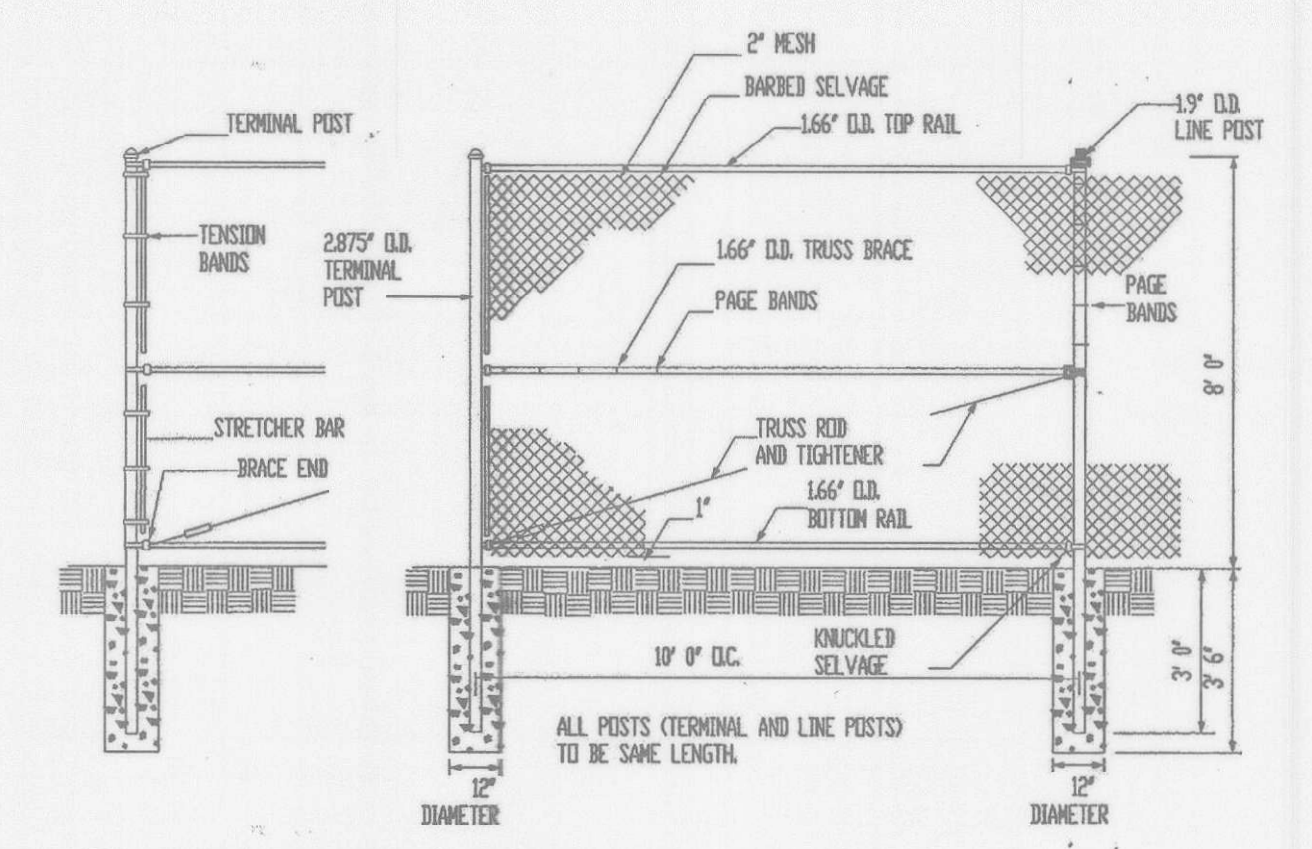
A HOODED BACKSTOP PLAN
SCALE: 1/4" = 1'-0"



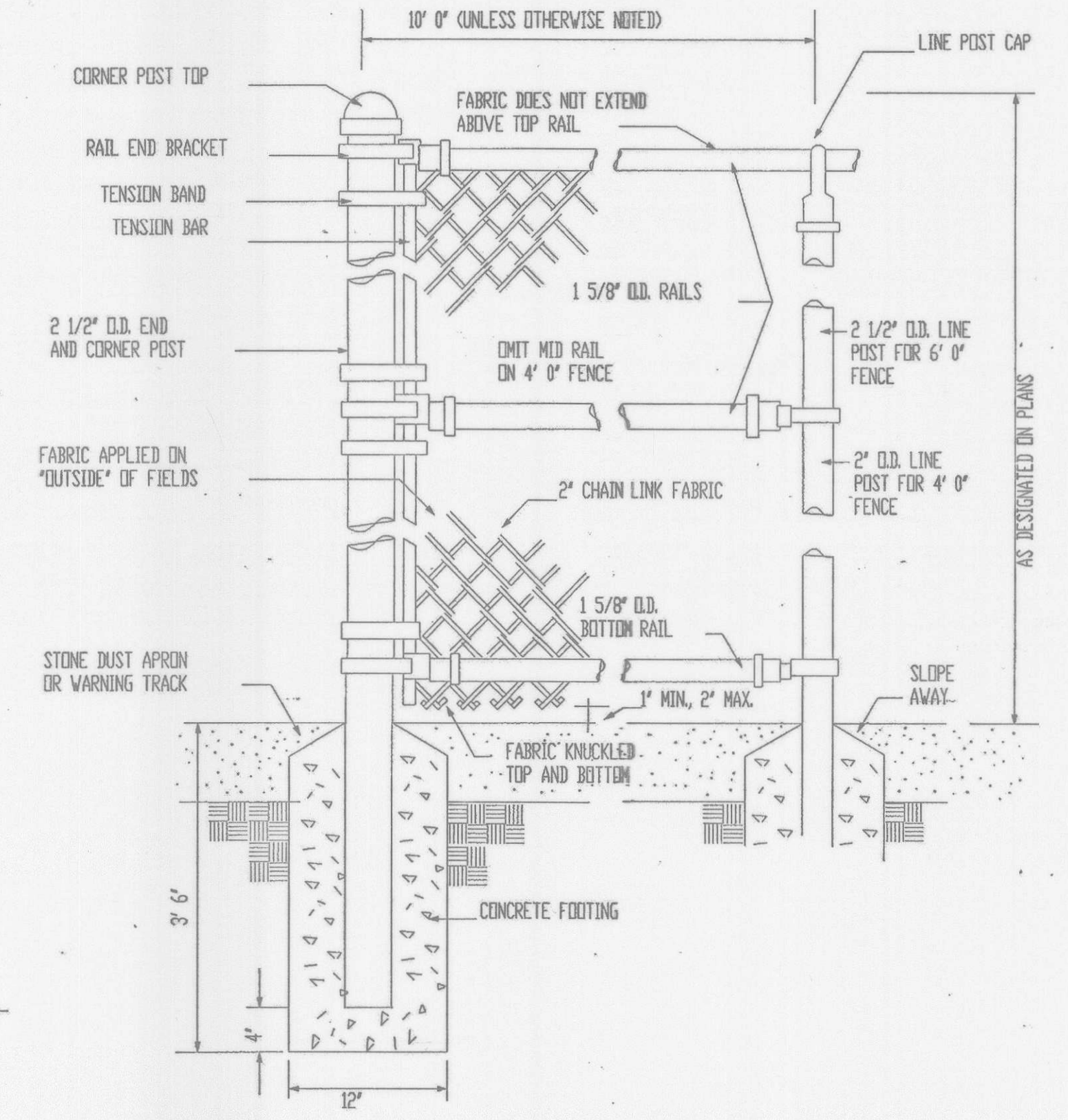
D HOODED BACKSTOP ELEVATION
SCALE: 1/4" = 1'-0"



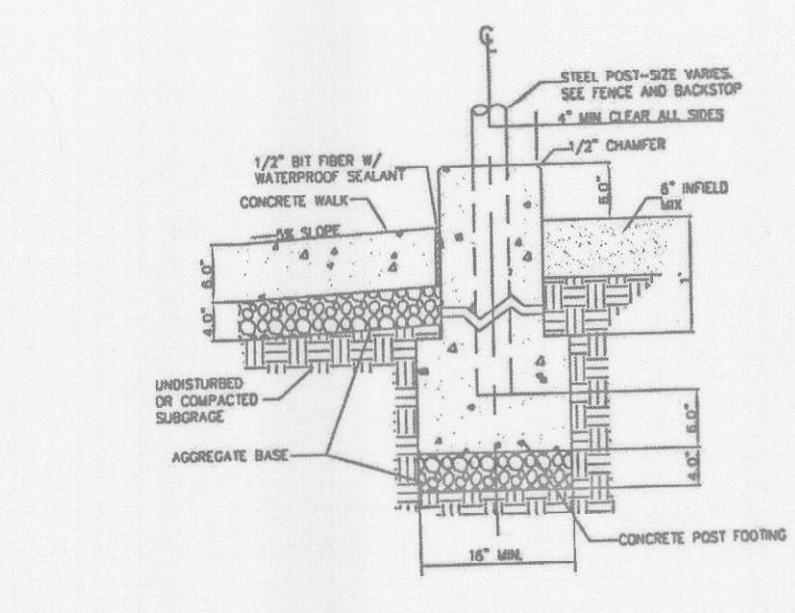
E HOODED BACKSTOP SECTION
SCALE: 1/4" = 1'-0"



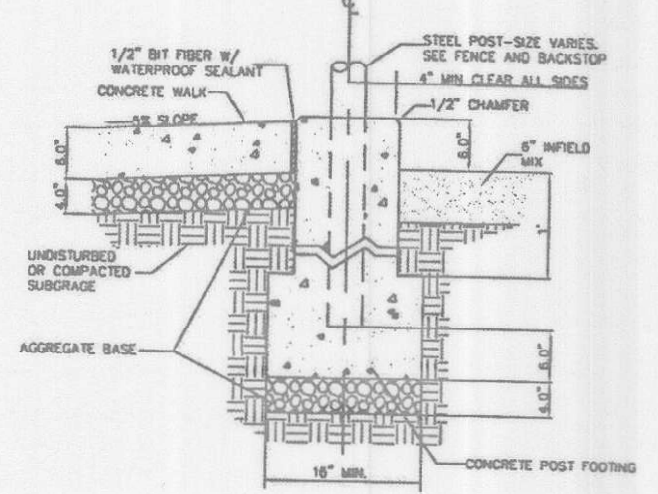
F OUTFIELD FENCE (FIELD 1 AND 3)
N.T.S.



C BALL FIELD SIDELINE FENCE
N.T.S.



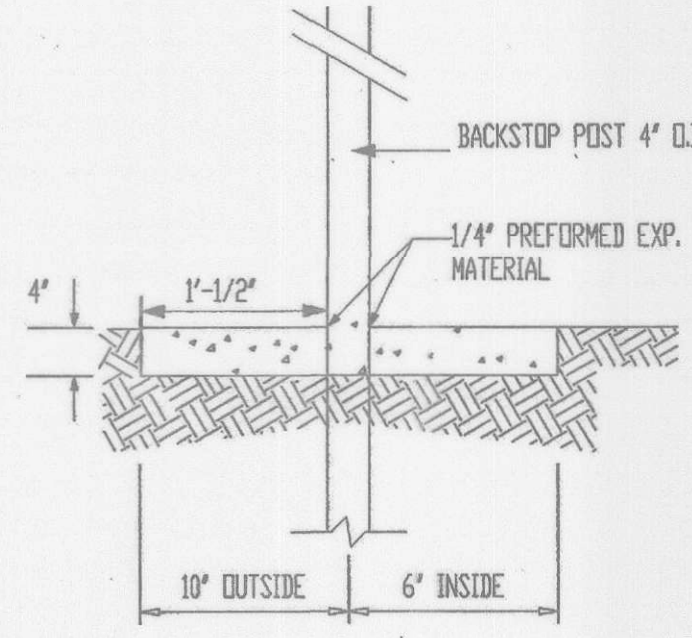
B BACKSTOP PERIMETER CURB
BALLFIELD #1 & #2



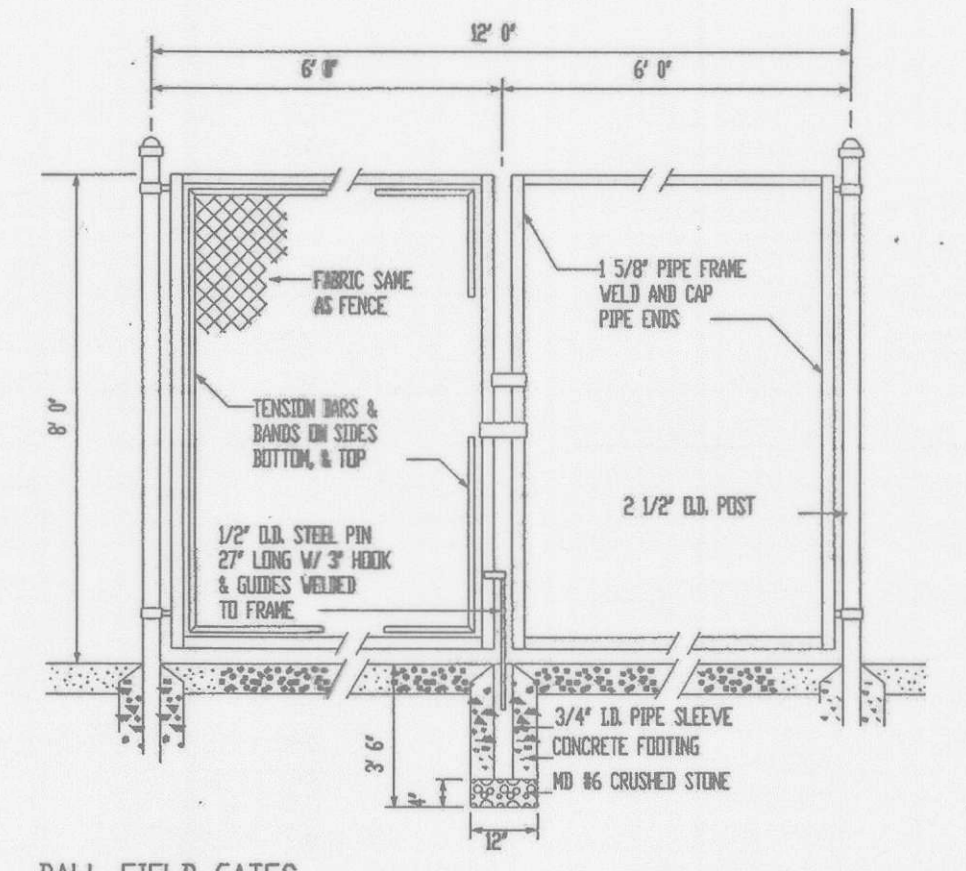
B BACKSTOP PERIMETER CURB
BALLFIELD #3

NOTE:
4"x12" CONT. CONCRETE
MOV. STRIP WITH 2 #4
REBARS AND BROOM
FINISH. MAX. 15' LENGTH
BETWEEN EXPANSION JOINTS.

NOTE:
MOV. STRIP IS TO BE PROVIDED
AROUND ALL BACKSTOPS



E HOODED BACKSTOP MOVING STRIP
N.T.S.



H BALL FIELD GATES
N.T.S.

- NOTES:**
1. ATTACH THE LEG ASSEMBLIES TO THE 15' ALUMINUM SEAT WITH 3/8"x3" CARRIAGE BOLTS, 3/8" LOCK WASHERS, 3/8" HEX NUTS, AND BENCH CLAMPS. PLACE THE FIRST LEG ASSEMBLY IN THE CENTER OF THE SEAT. THE REMAINING LEG ASSEMBLIES SHOULD BE PLACED 18" FROM EACH END.
 2. INSERT THE PLASTIC TUBE PLUGS
 3. INSTALL SEAT END CAPS USING 3/4" SHEET METAL SCREWS.
 4. LOCATE AND DIG THREE 8" DIAMETER HOLES 30" DEEP AND 72" APART FROM CENTER TO CENTER.
 5. FILL THE HOLES WITH WET PREMIXED CONCRETE.
 6. INSERT THE BENCH ASSEMBLY ASSURING THAT THE SEAT IS LEVEL AND 18" FROM THE GROUND.
 7. LEVEL THE CONCRETE IN EACH HOLE.
 8. THE CENTER OF THE HOLES SHOULD BE A MINIMUM OF 18" FROM ANY WALL, FENCE, OR PERMANENT STRUCTURE.
 9. IT IS RECOMMENDED THAT THE SEAT BE SUPPORTED UNTIL THE CONCRETE IS SET SO THAT IT REMAINS PERPENDICULAR AN LEVEL. DO NOT USE THE BENCH FOR 7 DAYS OR UNTIL THE BENCH IS FULLY CURED.

OWNER/DEVELOPER INFORMATION
Robert Sapon 9/30/02
 OWNER/DEVELOPER
 HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS
 9250 BENDIX ROAD
 ELLICOTT CITY, MD. 21043

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND

Paul R. Smith 10/28/02
 DIRECTOR

Cindy Hamer 10/24/02
 CHIEF, DIVISION OF LAND DEVELOPMENT

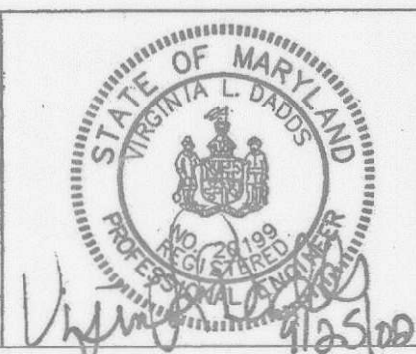
Mr. [Signature] 10/21/02
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

DEPARTMENT OF RECREATION AND PARKS
 HOWARD COUNTY, MARYLAND

Gary J. Fisher 10-2-02
 Gary J. Fisher, Director

PROJECT	SECTION/AREA	MAP NO.
MEADOWBROOK PARK	N/A	MAP 30 PARCELS 383 & 387
PLAT NO.	GRID NO.	ZONE
N/A	5	R-20
TAXZONE	ELEC. DIST.	CENSUS TR.
2	2	602302
WATER CODE	SEWER CODE	
F09	5750615	

McCRONE
 ENGINEERING/ ENVIRONMENTAL SCIENCES
 LAND PLANNING & SURVEYING/ CONSTRUCTION SERVICES
 30 RIDGELY AVENUE
 ANNAPOLIS, MARYLAND 21401
 (410) 387-8651
 Fax (410) 387-9932



DES:	J.S.			
DRN:	J.S.			
CHK:	V.D.			
DATE:	MAY, 2001	BY	No.	
		REVISION		DATE

BALLFIELDS CONSTRUCTION DETAILS

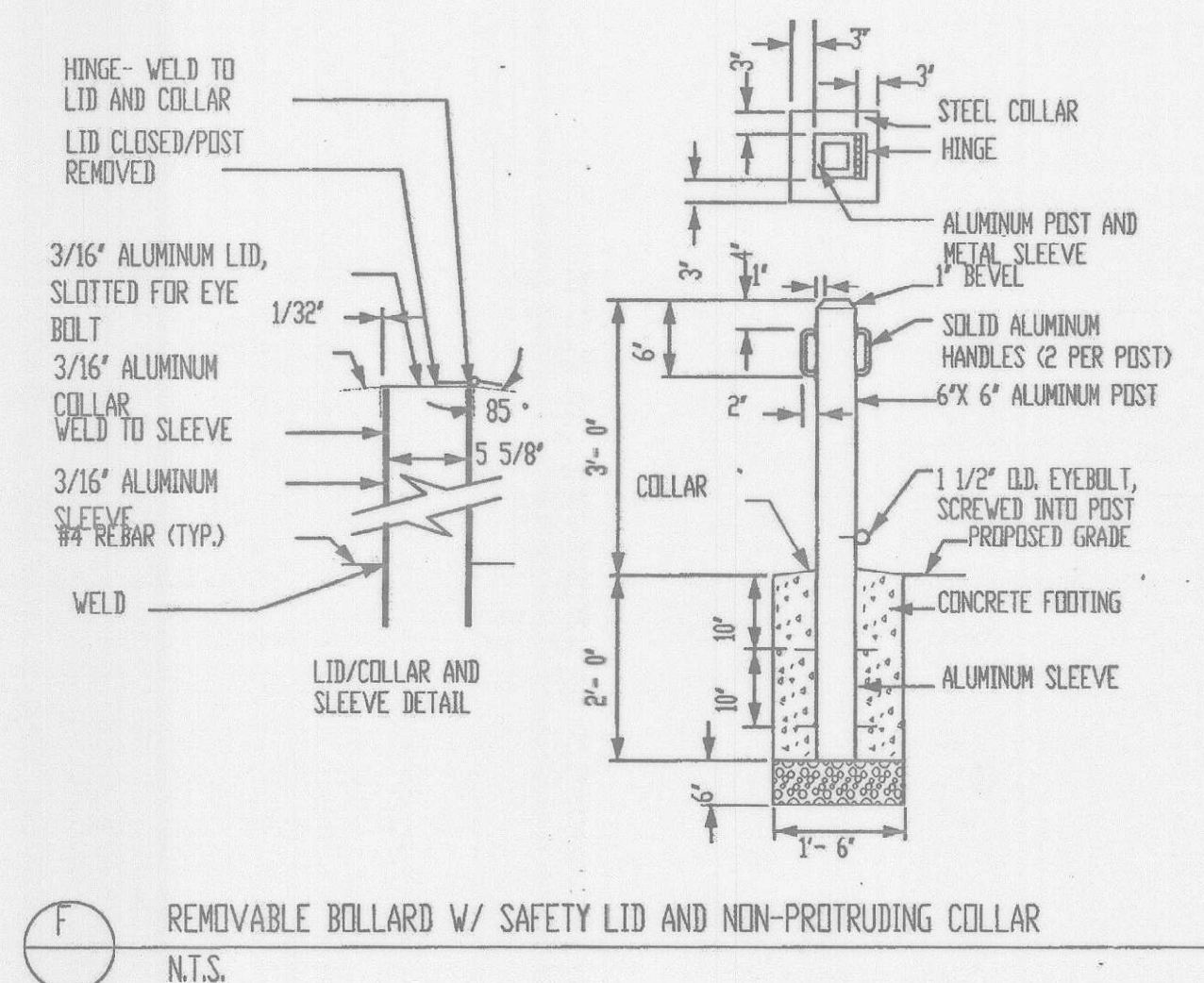
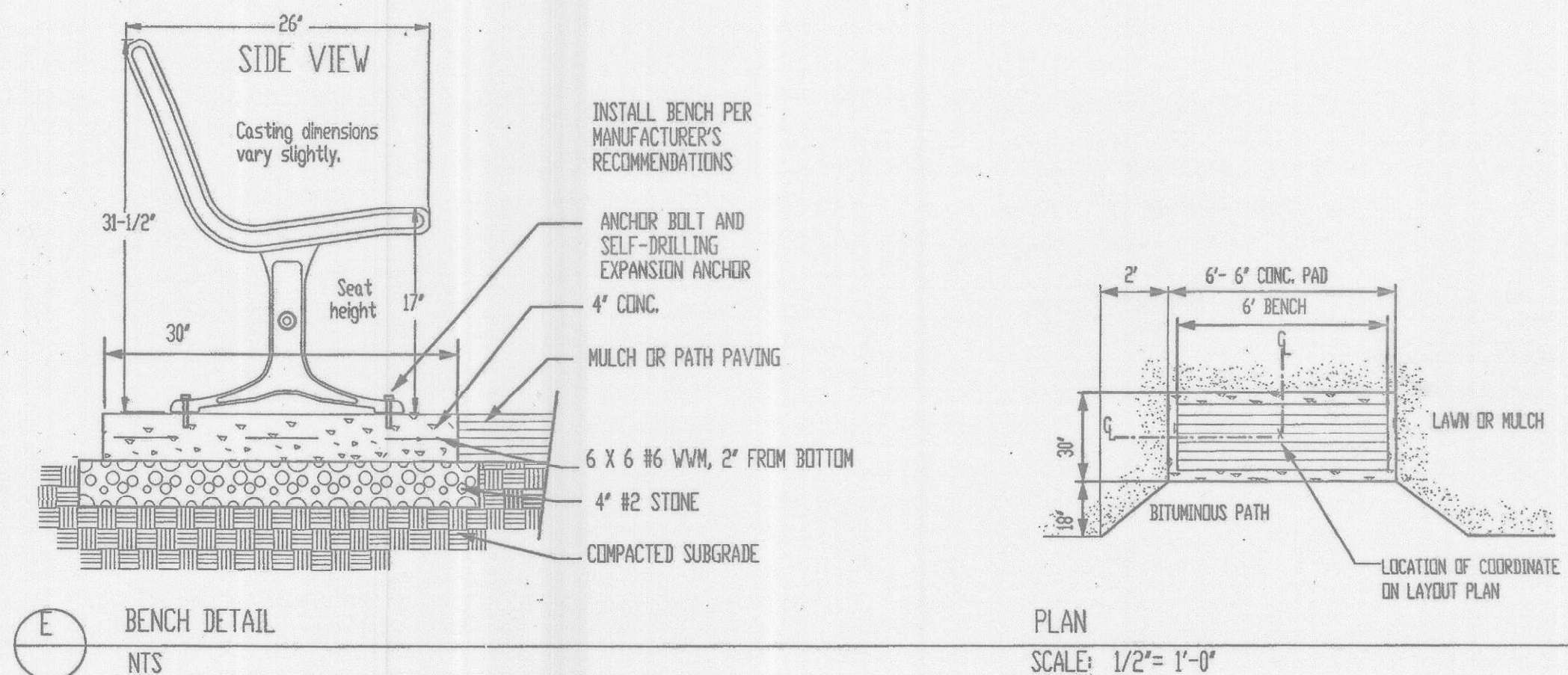
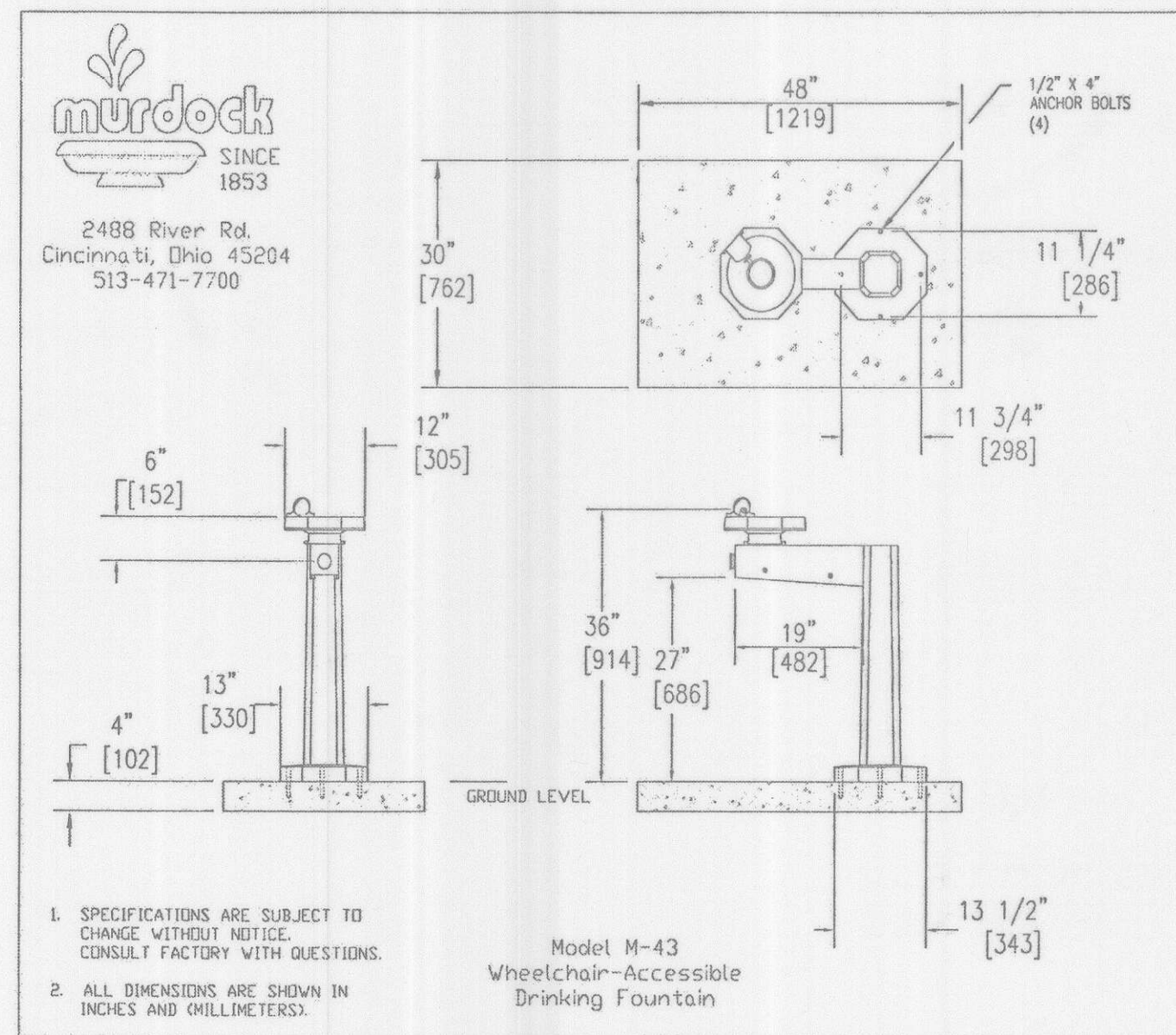
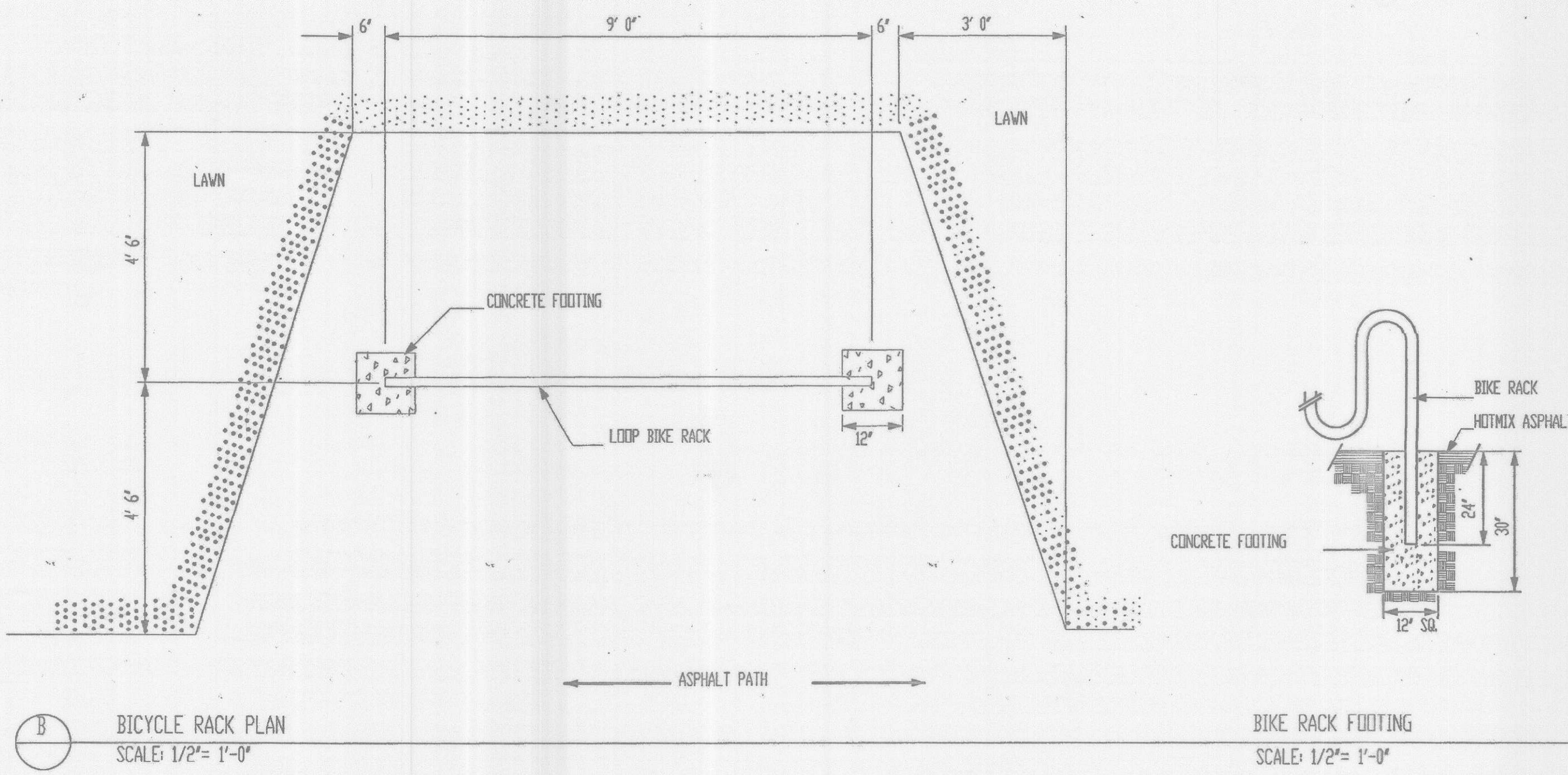
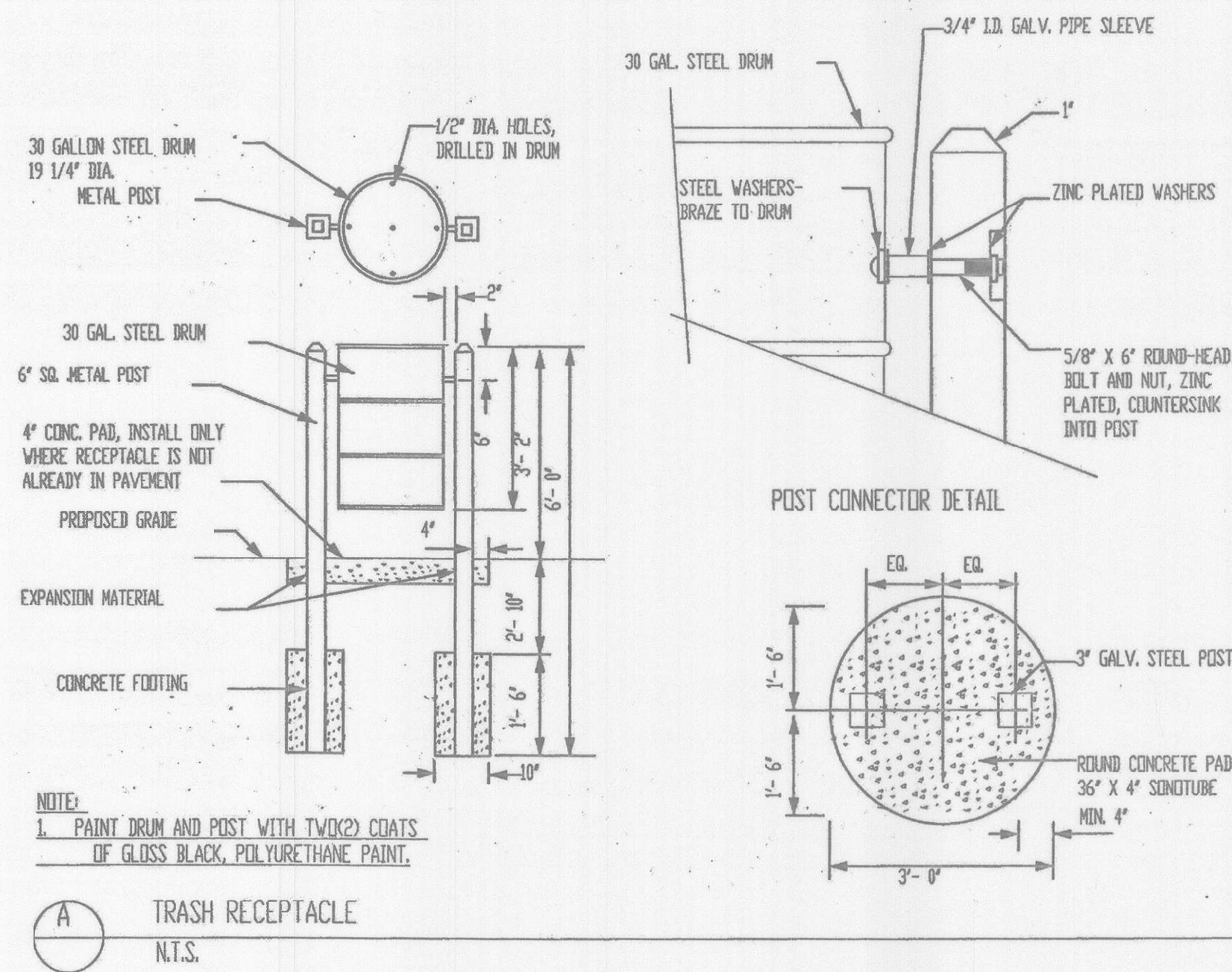
SITE DEVELOPMENT PLAN MEADOWBROOK PARK

PROJECT NO. N-3105
 TAX MAP 30 SECOND ELECTION DISTRICT
 BLOCK 5
 PARCELS 383 & 387
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
 SHEET 26 OF 29

Plot Date and Time: Sep 25, 2002, 4:00pm

CADD FILE: G:\1010081 - Meadowbrook Park\Final Development\26-CONSTRUCTION DETAILS.dwg



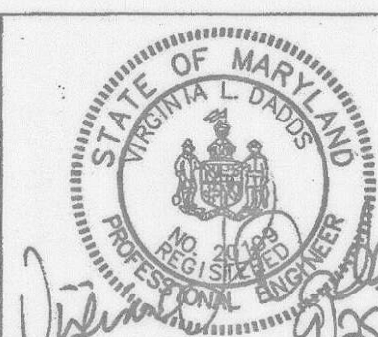
OWNER/DEVELOPER INFORMATION
Paul Sepom 9/30/02
 OWNER/DEVELOPER
 HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS
 9203 BENDIX ROAD
 ELLICOTT CITY, MARYLAND 21043

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND
Scott Rutter 10/24/02
 DIRECTOR
Cindy Amante 10/24/02
 CHIEF, DIVISION OF LAND DEVELOPMENT
Mike Vanaman 10/24/02
 CHIEF, DEVELOPMENT ENGINEERS DIVISION

DEPARTMENT OF RECREATION AND PARKS
 HOWARD COUNTY, MARYLAND
Gary J. Arthur 10-2-02
 DIRECTOR

PROJECT	SECTION/AREA	MAP NO.			
MEADOWBROOK PARK	N/A	MAP 30 PARCELS 383 & 387			
PLAT NO.	GRID NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
N/A	5	R-20	2	2	602302
WATER CODE	SEWER CODE				
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 ANNAPOLIS CENTREVILLE ELICOTT PRINCE FREDERICK SALISBURY

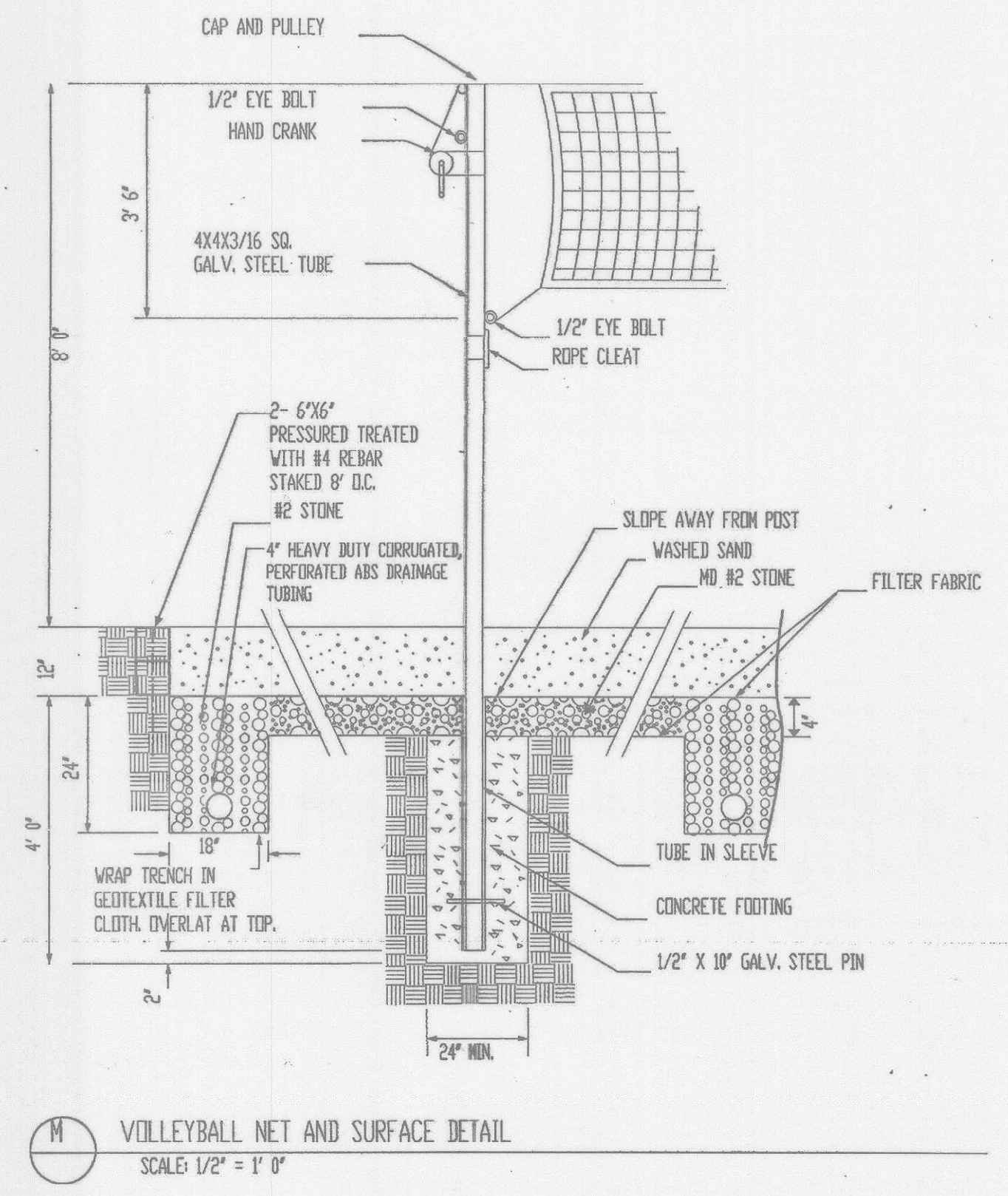
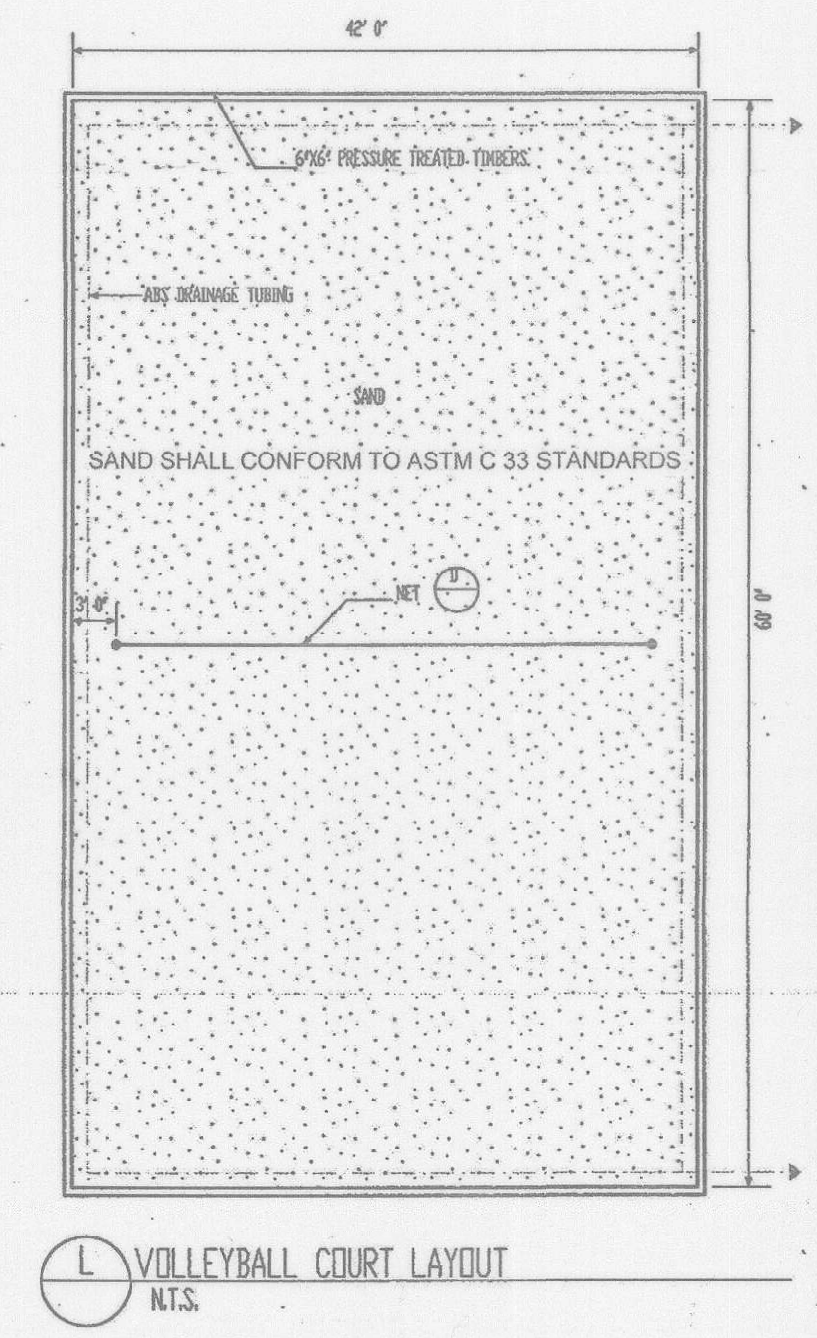
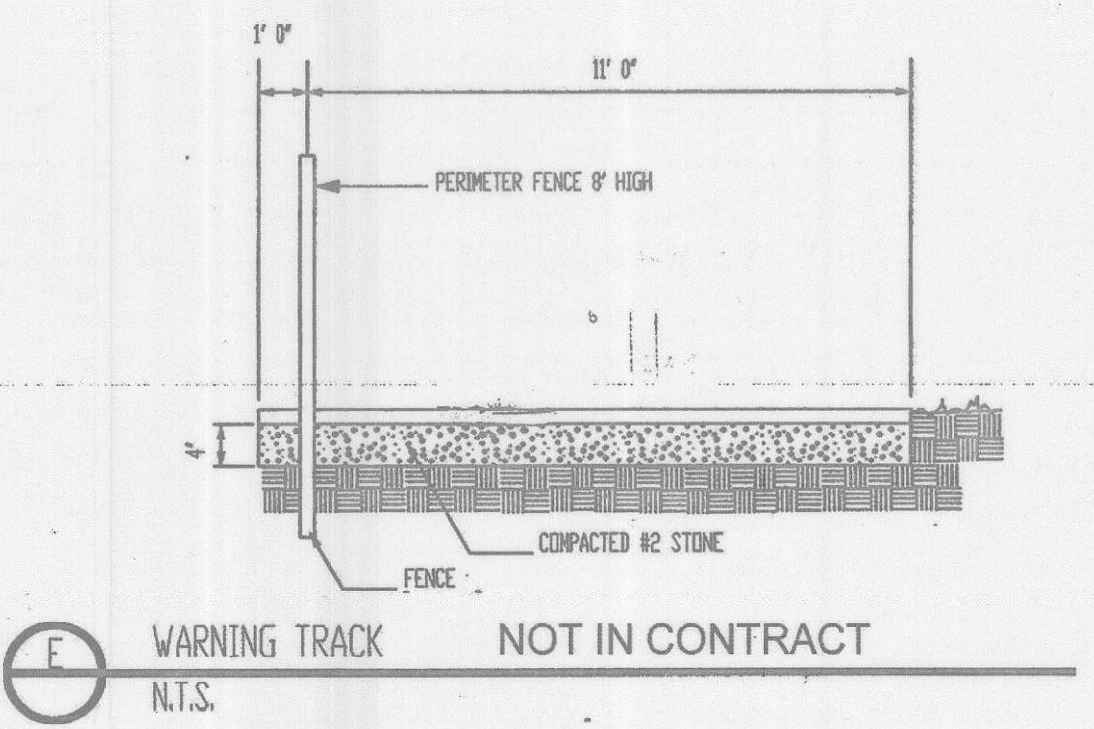
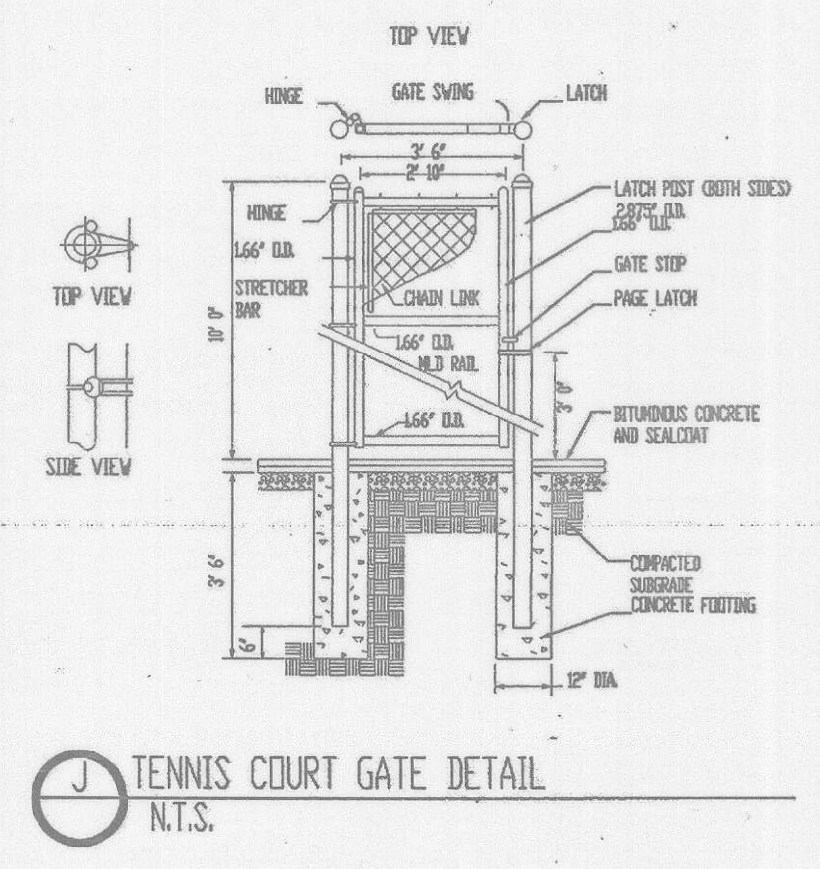
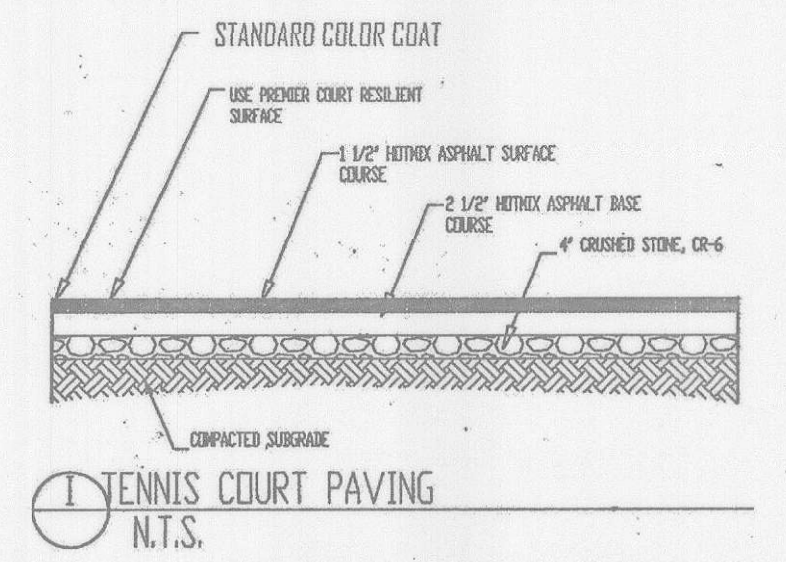
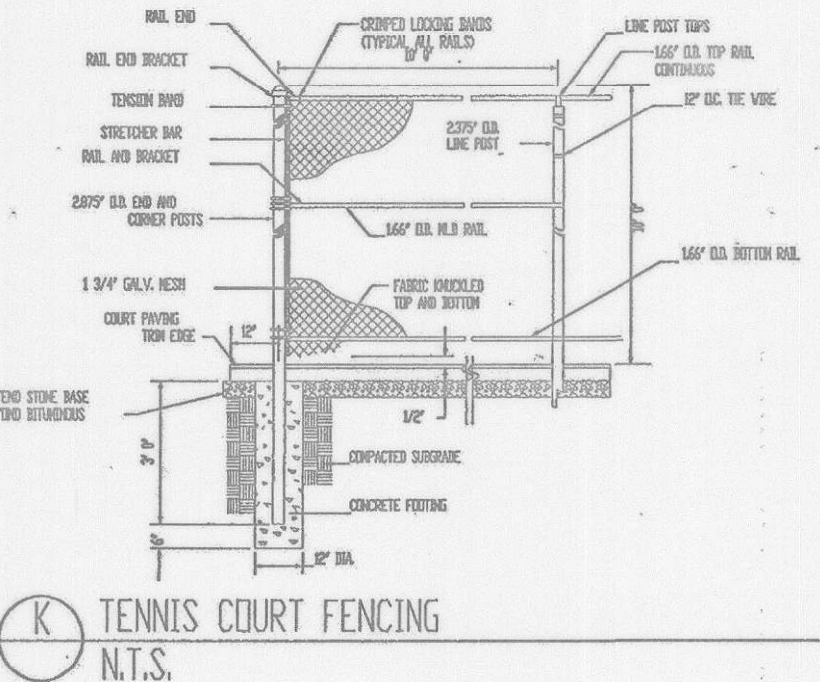
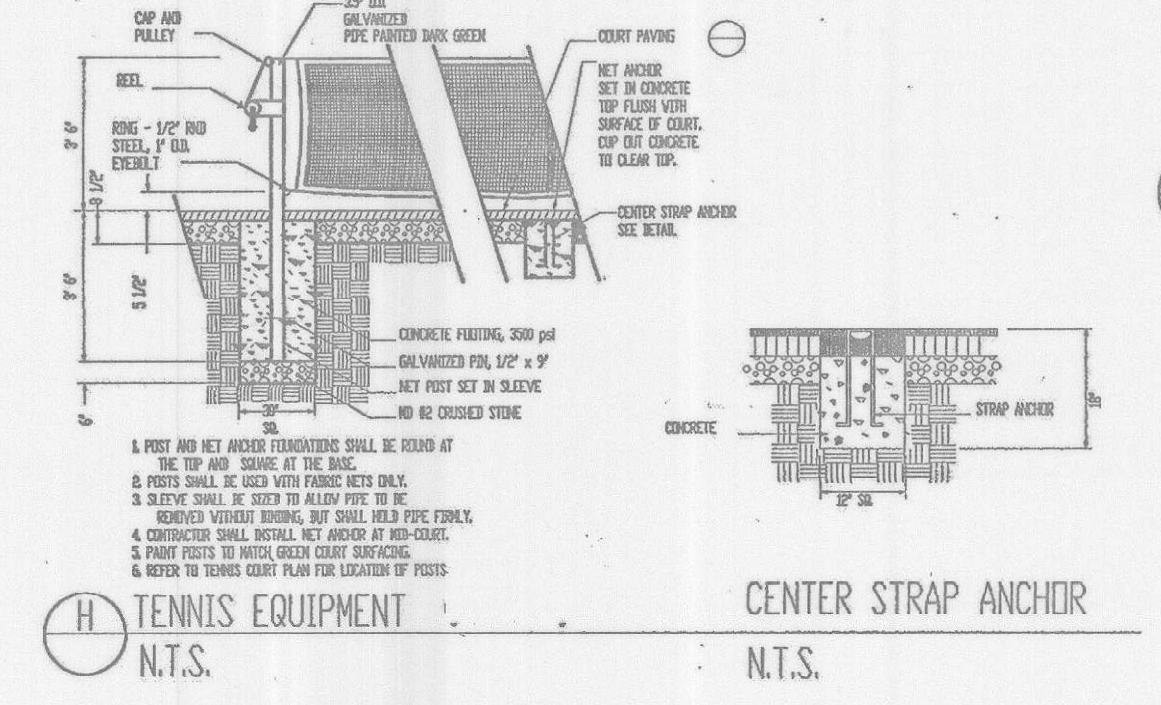
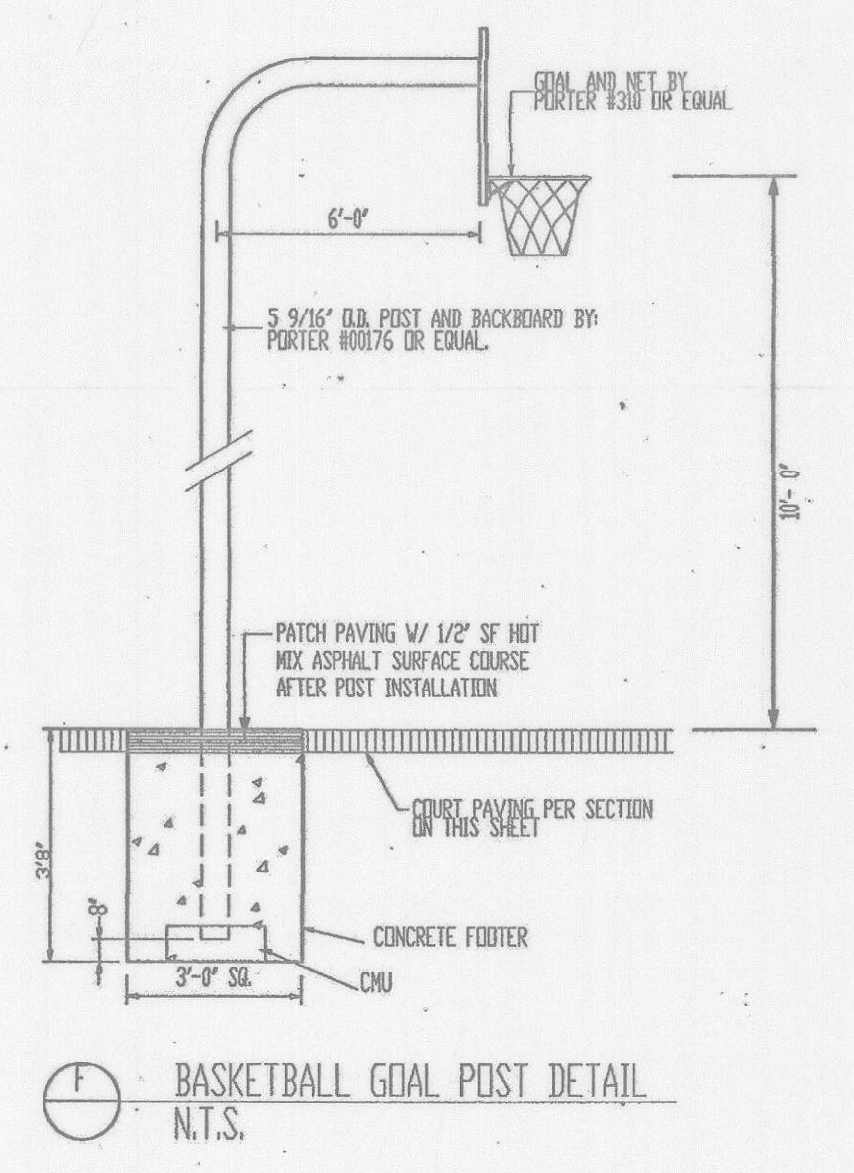
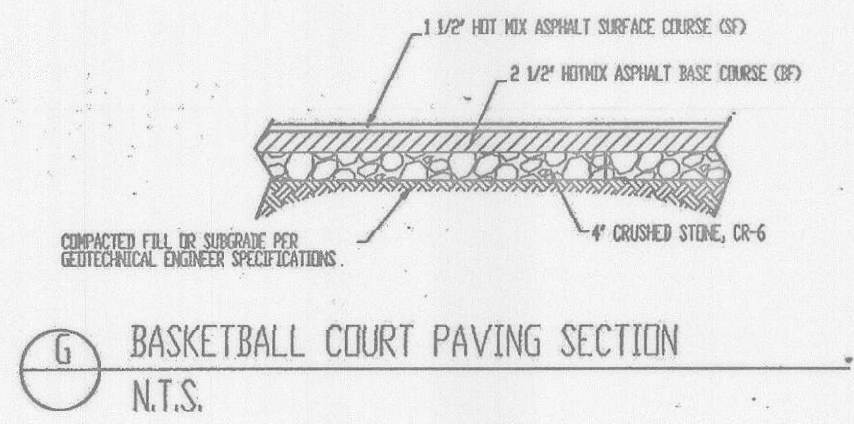
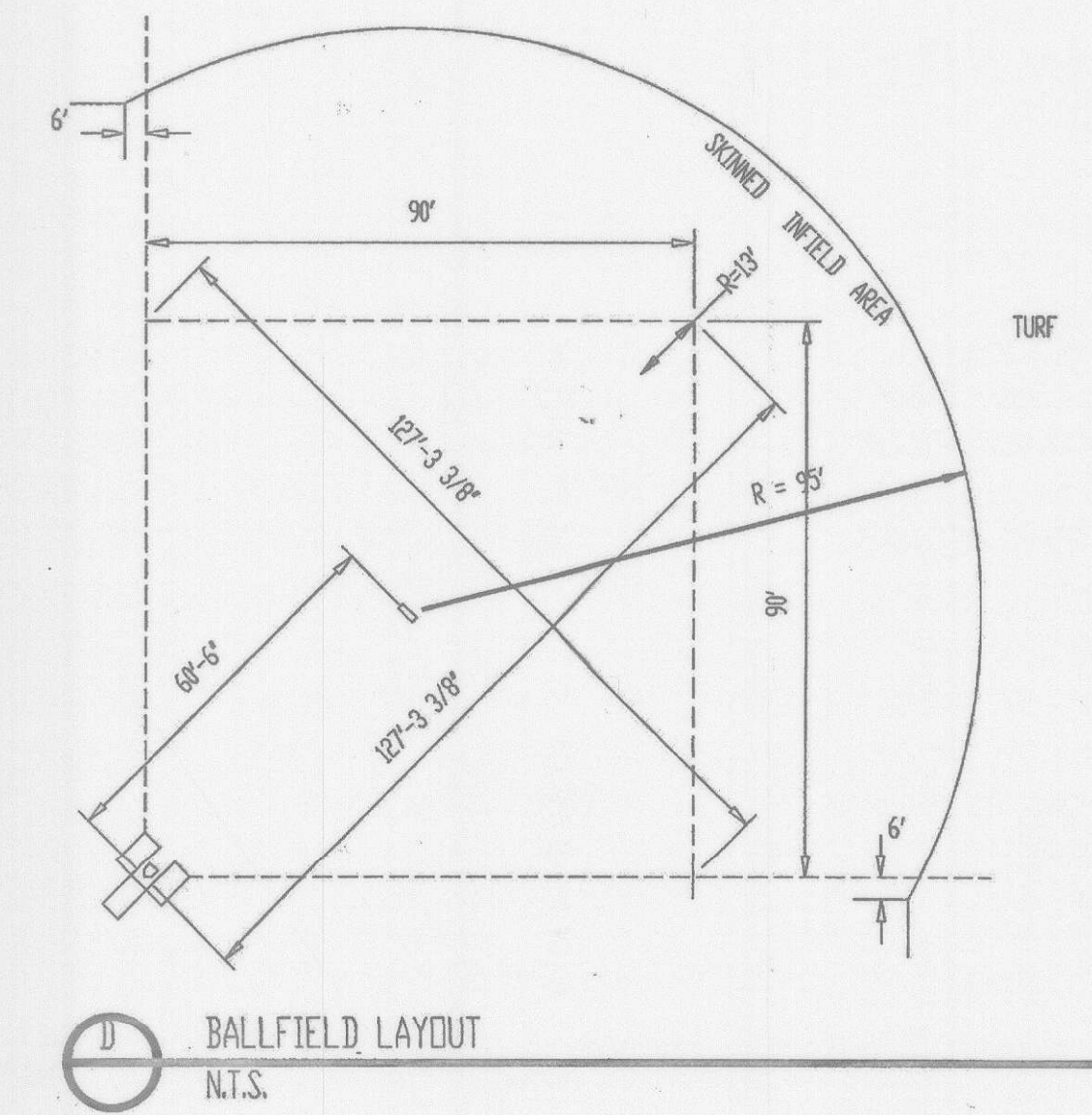
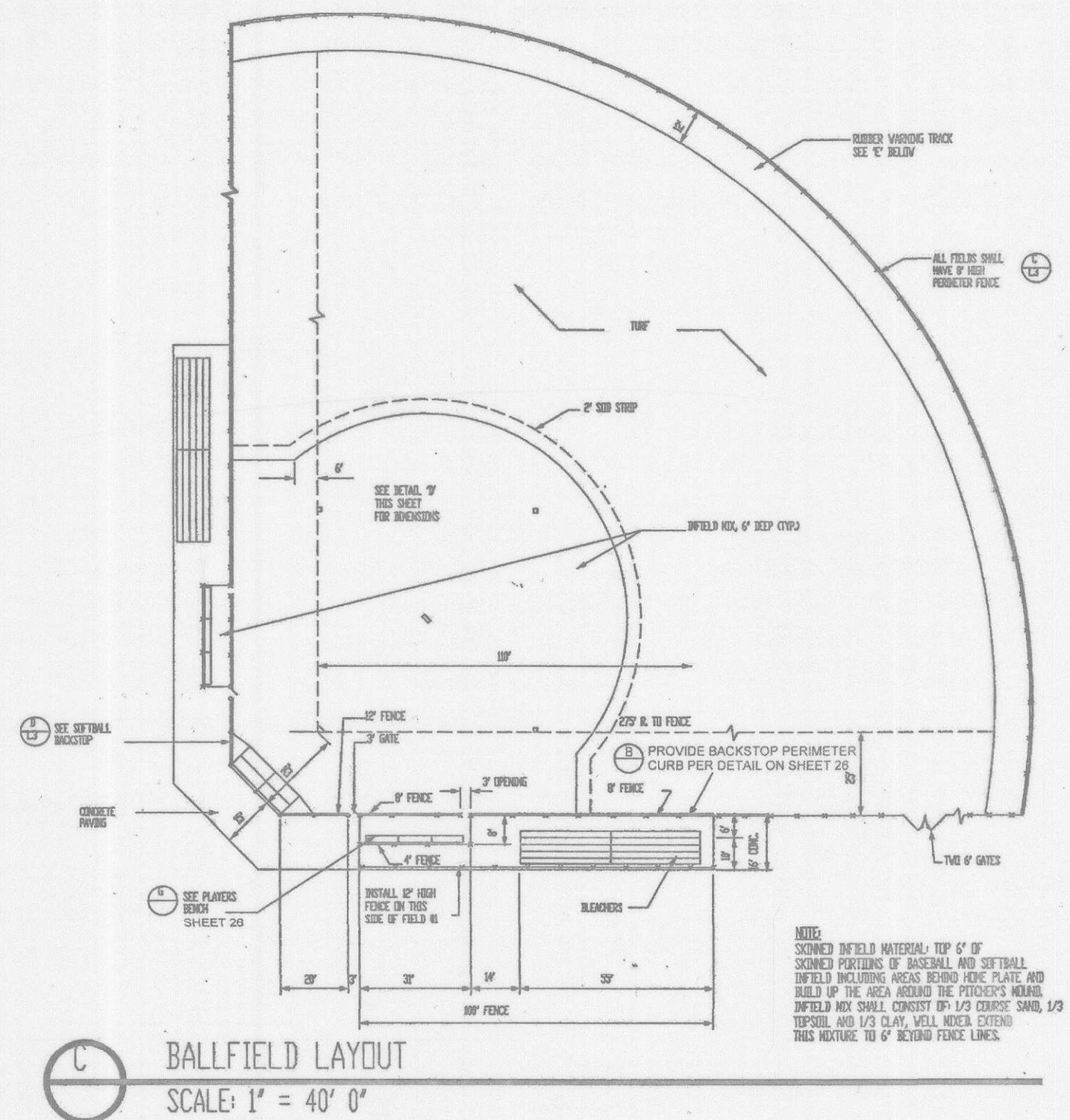
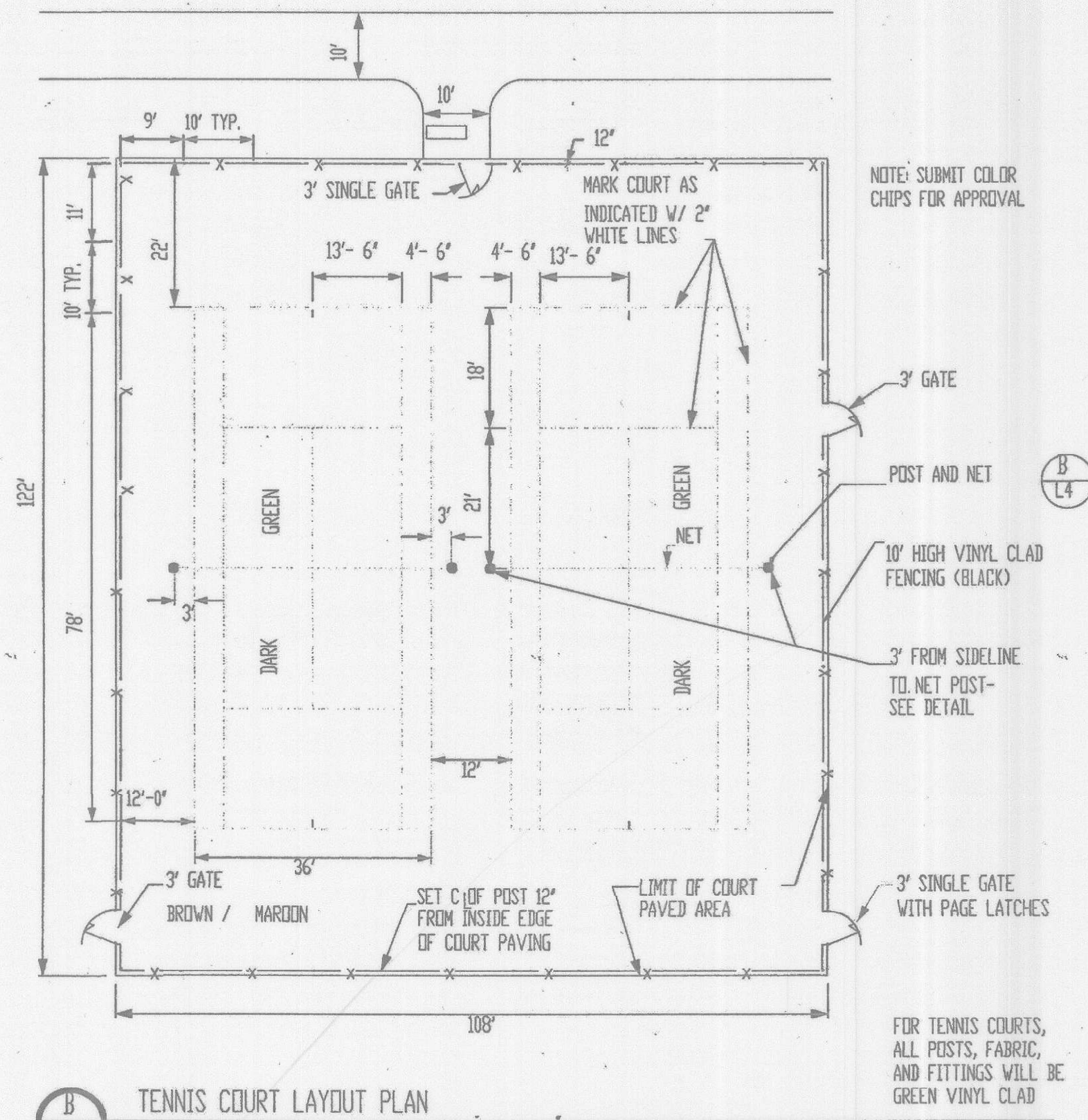
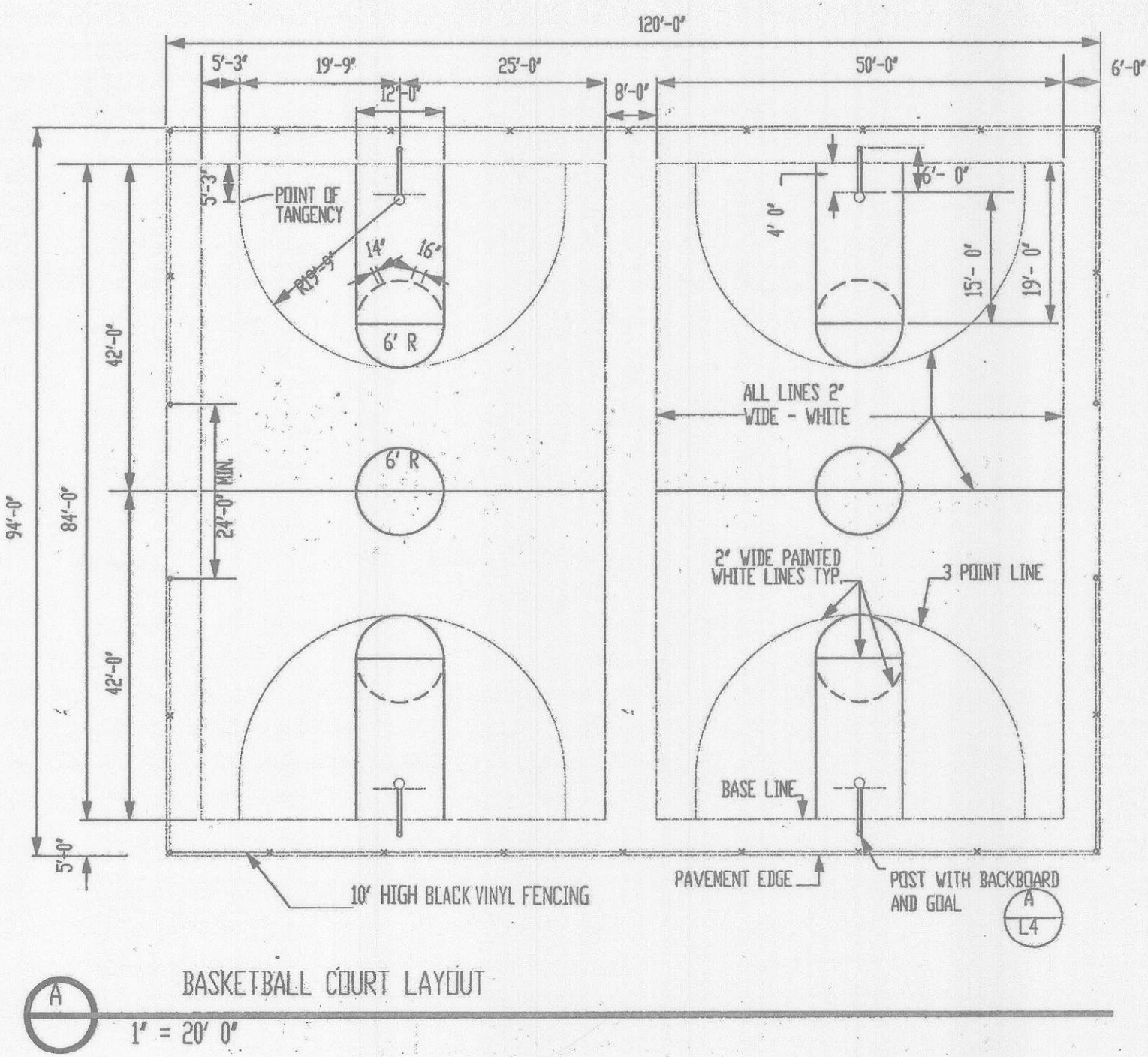


DES:	J.S.				
DRN:	J.S.				
CHK:	V.D.				
DATE:	MAY, 2001	BY	No.	REVISION	DATE

SITE APPURTENANCES CONSTRUCTION DETAILS

SITE DEVELOPMENT PLAN MEADOWBROOK PARK
 PROJECT NO. N-3105 BLOCK 5 PARCELS 383 & 387
 TAX MAP 30 FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE AS NOTED
 SHEET 27 OF 29
 SDP-01-145



OWNER/DEVELOPER INFORMATION
Donald Sapon 9/30/02
 OWNER/DEVELOPER:
 HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS
 8250 BENDIX ROAD
 ELLENSVILLE CITY, MARYLAND 21043

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND
David Smith 10/24/02
 DIRECTOR
Chris Hanits 10/27/02
 CHIEF, DIVISION OF LAND DEVELOPMENT
Mark Dammann 10/28/02
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

DEPARTMENT OF RECREATION AND PARKS
 HOWARD COUNTY, MARYLAND
Louise Carter 10-20-02
 Gary J. Miller, Director

PROJECT	SECTION/AREA	MAP NO.
MEADOWBROOK PARK	N/A	MAP 30 PARCELS 383 & 387
PLAT NO.	GRID NO.	ZONE
N/A	5	R-20
TAXZONE	ELEC. DIST.	CENSUS TR.
2	2	602302
WATER CODE	SEWER CODE	
F09	5750815	

McCRONE
 ENGINEERING • ENVIRONMENTAL SCIENCES
 LAND PLANNING & SURVEYING • CONSTRUCTION SERVICES
 30 RIDGELY AVENUE
 ANNAPOLIS, MARYLAND 21401
 (410) 267-6637
 Fax (410) 267-9922
 ANNAPOLIS CENTREVILLE ELKTON PRINCE FREDERICK SALISBURY



DES:	J.S.
DRN:	J.S.
CHK:	V.D.
DATE:	MAY, 2001
BY:	No.
REVISION	DATE

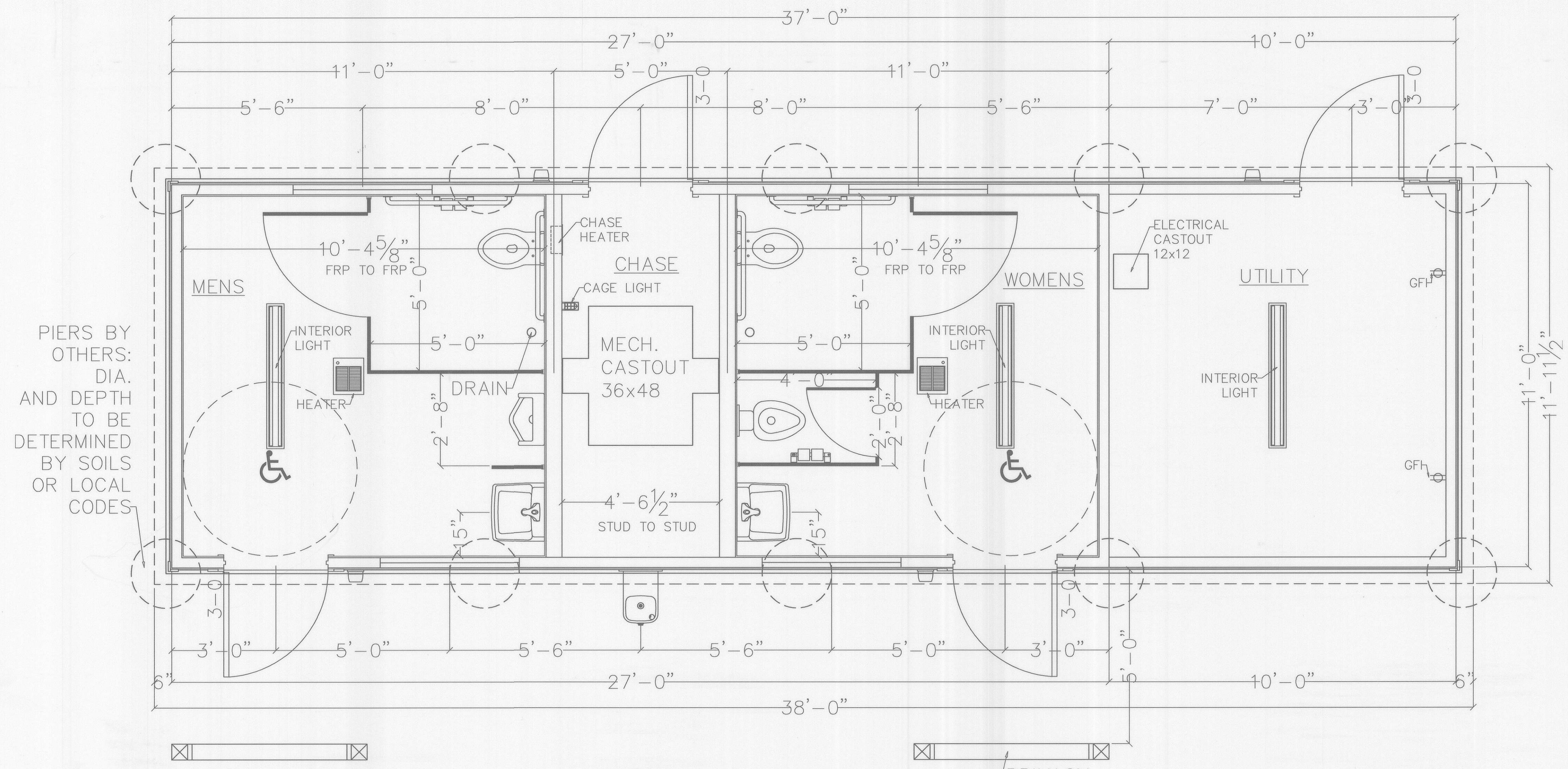
COURT GAMES AND SOFTBALL CONSTRUCTION DETAILS

SITE DEVELOPMENT PLAN MEADOWBROOK PARK
 PROJECT NO. N-3105
 BLOCK 5
 PARCELS 383 & 387
 HOWARD COUNTY, MARYLAND

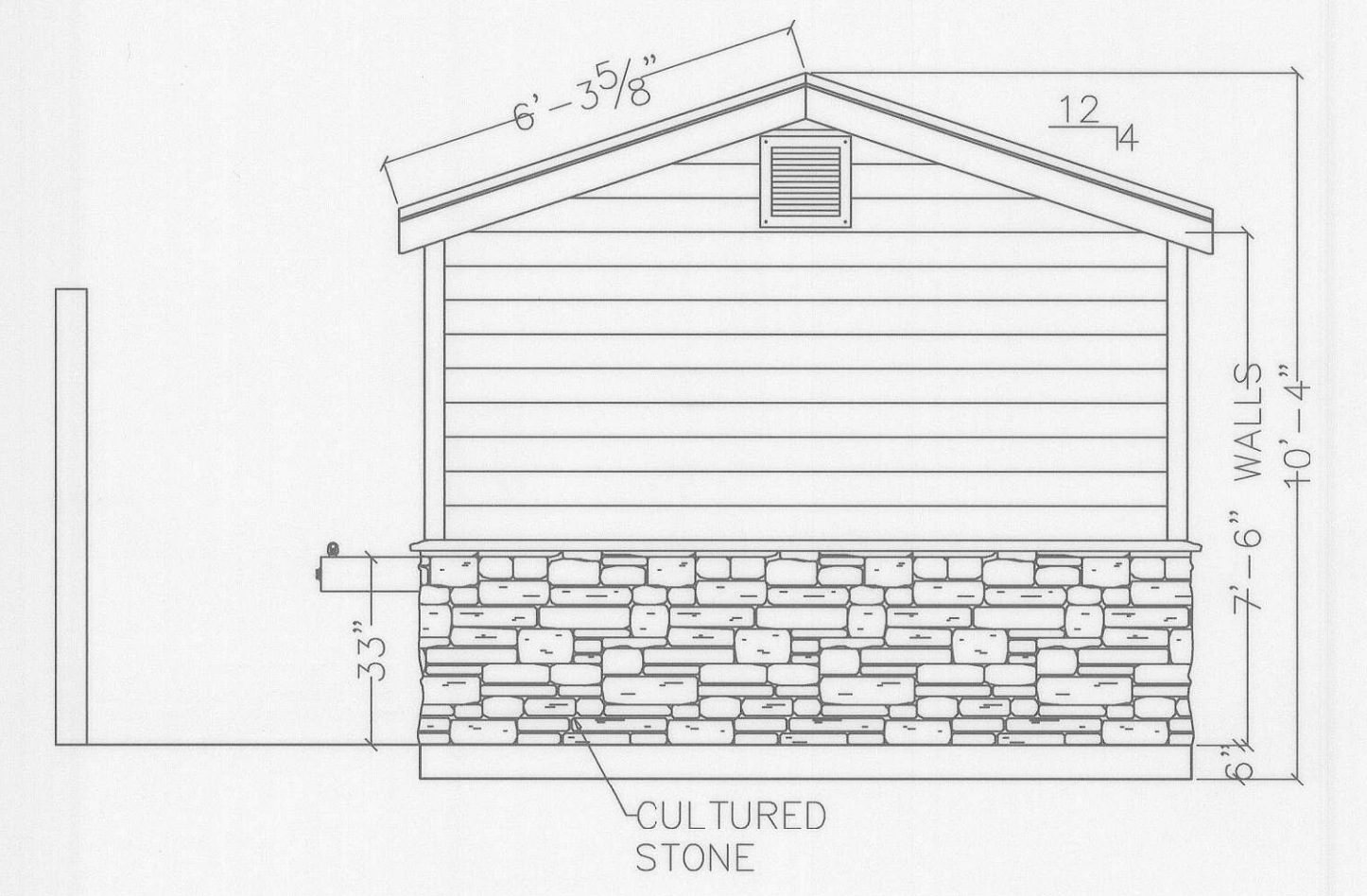
TAX MAP 30
 FIRST ELECTION DISTRICT

SCALE 1"=50'
 SHEET 28 OF 29
 SDP-01-145

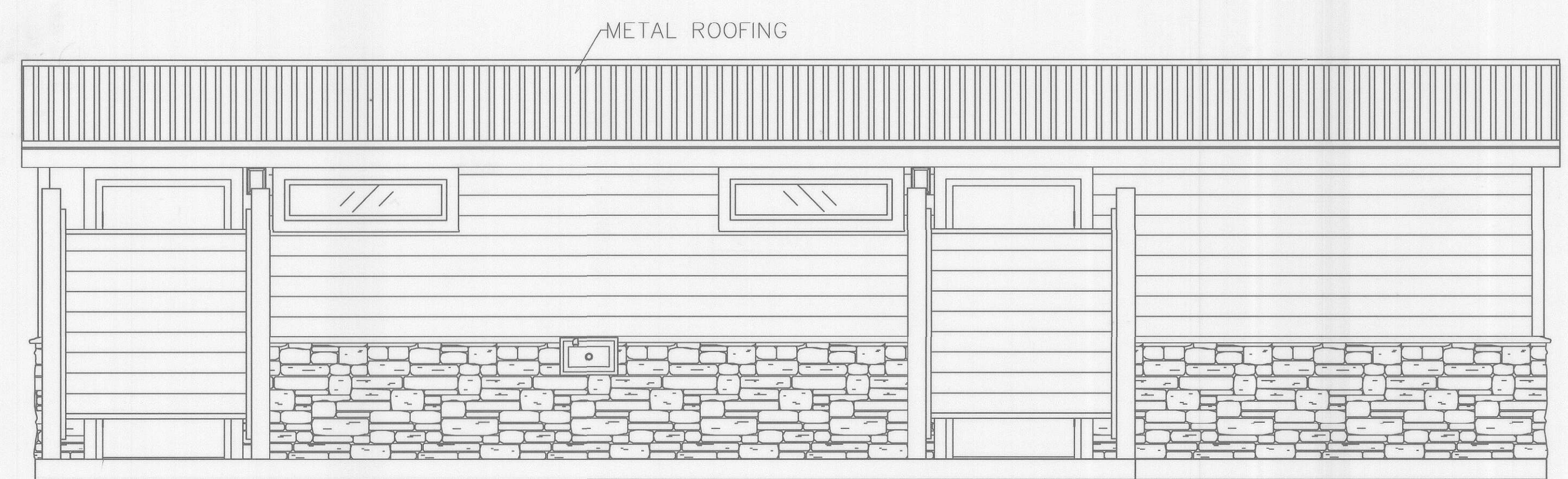
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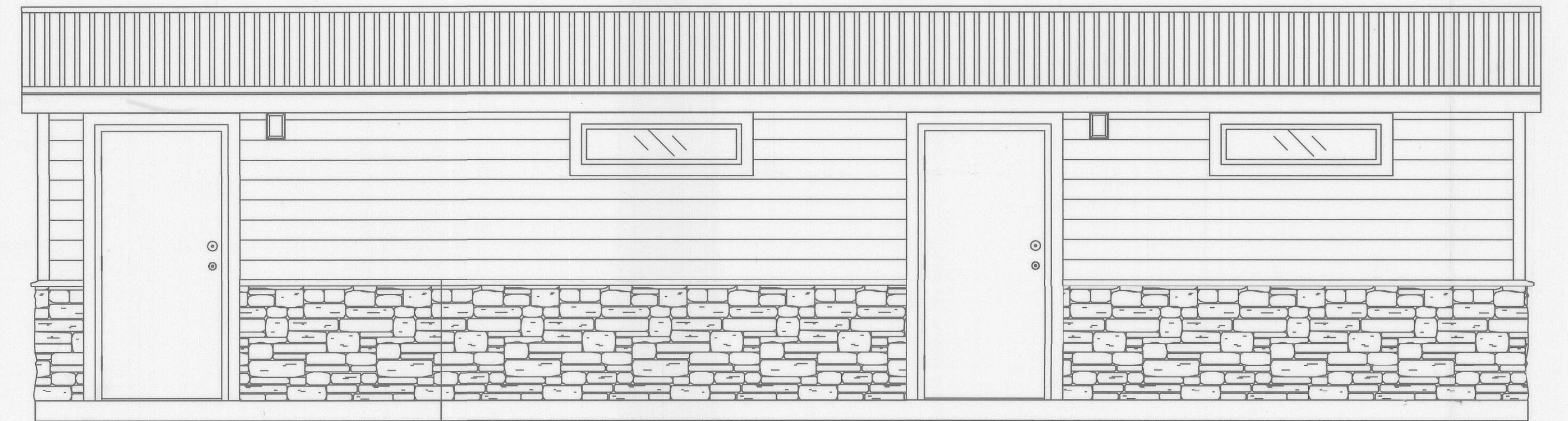
FLOOR PLAN
SCALE: 1/2"=1'-0"



RIGHT ELEVATION
SCALE: 3/8"=1'-0"



SLAB A: 27'-2" x 11'-4"
FRONT ELEVATION
SCALE: 3/8"=1'-0"



REAR ELEVATION
SCALE: 3/8"=1'-0"

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

DIRECTOR _____ DATE _____

CHIEF, DIVISION OF LAND DEVELOPMENT _____ DATE _____

CHIEF, DEVELOPMENT ENGINEERING DIVISION _____ DATE _____

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

CHIEF, BUREAU OF UTILITIES _____ DATE _____

PROJECT: MEADOWBROOK PARK

PLAT NO.	GRID NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
N/A	5	R-20	2	2	

WATER CODE: F09
SEWER CODE: 5750615

OWNER/DEVELOPER INFORMATION

OWNER/DEVELOPER:
HOWARD COUNTY, DEPARTMENT OF PUBLIC WORKS
9250 BENDIX ROAD
ELLCOTT CITY, MD. 21043

McCRONE
ENGINEERING & ENVIRONMENTAL SCIENCES
LAND PLANNING & SURVEYING & CONSTRUCTION SERVICES
20 RIDGELY AVENUE
ANNAPOLIS, MARYLAND 21401
(410) 267-8621
Fax (410) 267-9932
ANNAPOLIS CENTREVILLE ELKTON PRINCE FREDERICK SAUSBURY

DES: BMS			
DRN: BMS			
CHK: BMS			
JULY 2004	BY	No.	REVISION
			DATE

RESTROOM PLAN
R7- 3711 W/ ROCK
FLUSH FACILITY

SITE DEVELOPMENT PLAN
MEADOWBROOK PARK

TAX MAP 30
SECOND ELECTION DISTRICT

PROJECT NO. N-3105
BLOCK 5

PARCELS 383 & 387
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 29 OF 29

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*** IMPORTANT ***

NOTE: IT IS THE RESPONSIBILITY OF THE OWNER TO VERIFY THAT THESE PLANS MEET OR EXCEED ALL GOVERNING CODES. IT IS ALSO THE RESPONSIBILITY OF THE OWNER TO OBTAIN PLAN APPROVALS AND ALL WORK PERMITS BY GOVERNING AGENCIES

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NATIONAL VALUE ENGINEERED STRUCTURES
1-800-524-1097

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