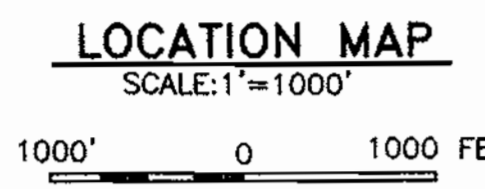
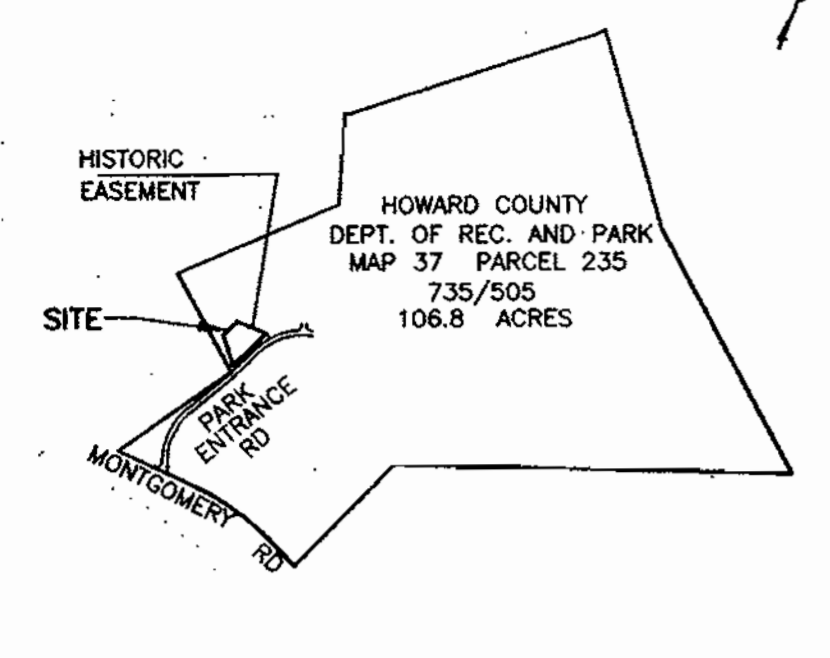


**INDEX OF SHEETS**

1. SITE PLAN
2. SITE DETAILS I
3. SITE DETAILS II
4. SITE DETAILS III
5. SITE DETAILS IV
6. SITE DETAILS V
7. EROSION AND SEDIMENT CONTROL PLAN
8. EROSION AND SEDIMENT CONTROL NOTES AND DETAILS
9. FOREST CONSERVATION PLAN
10. FOREST CONSERVATION PLAN
11. FOREST CONSERVATION PLAN
12. FOREST CONSERVATION PLAN



**HISTORICAL EASEMENT**

NUMBER	NORTHING	EASTING
1	564349.6383	1377688.4715
2	564479.4483	1377561.7483
3	564570.9538	1377602.0601
4	564569.2719	1377765.2243

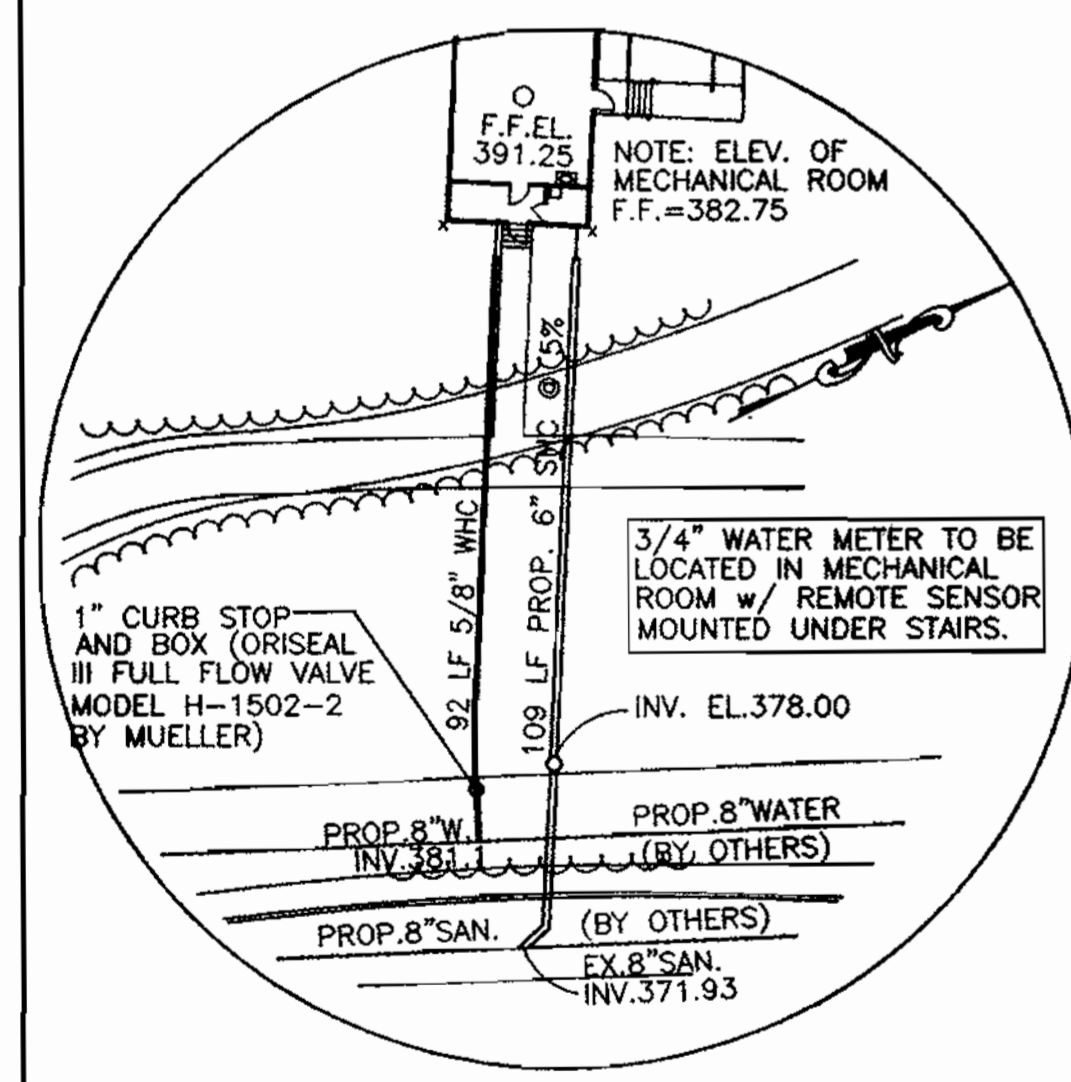
**LINE TABLE**

LINE	BEARING	DISTANCE
1-2	N39°25'32"W	168.05'
2-3	N23°46'28"E	100.00'
3-4	S89°24'21"E	163.17'
4-1	S23°46'28"W	240.00'

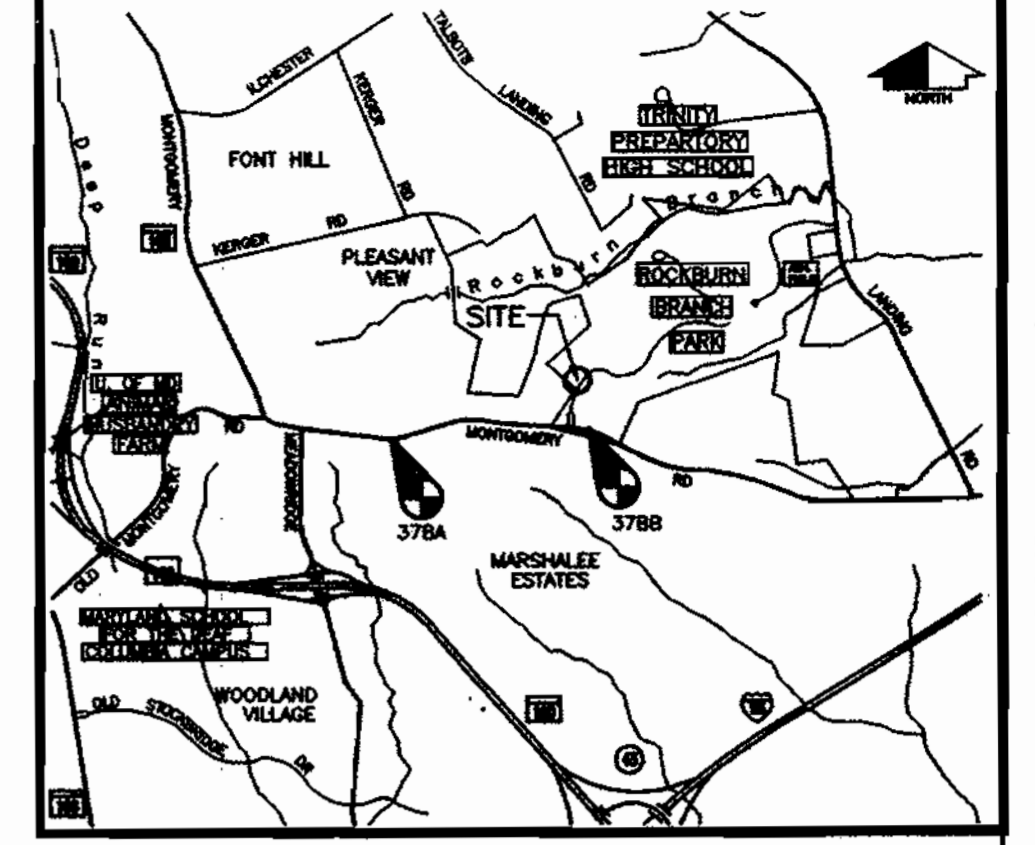
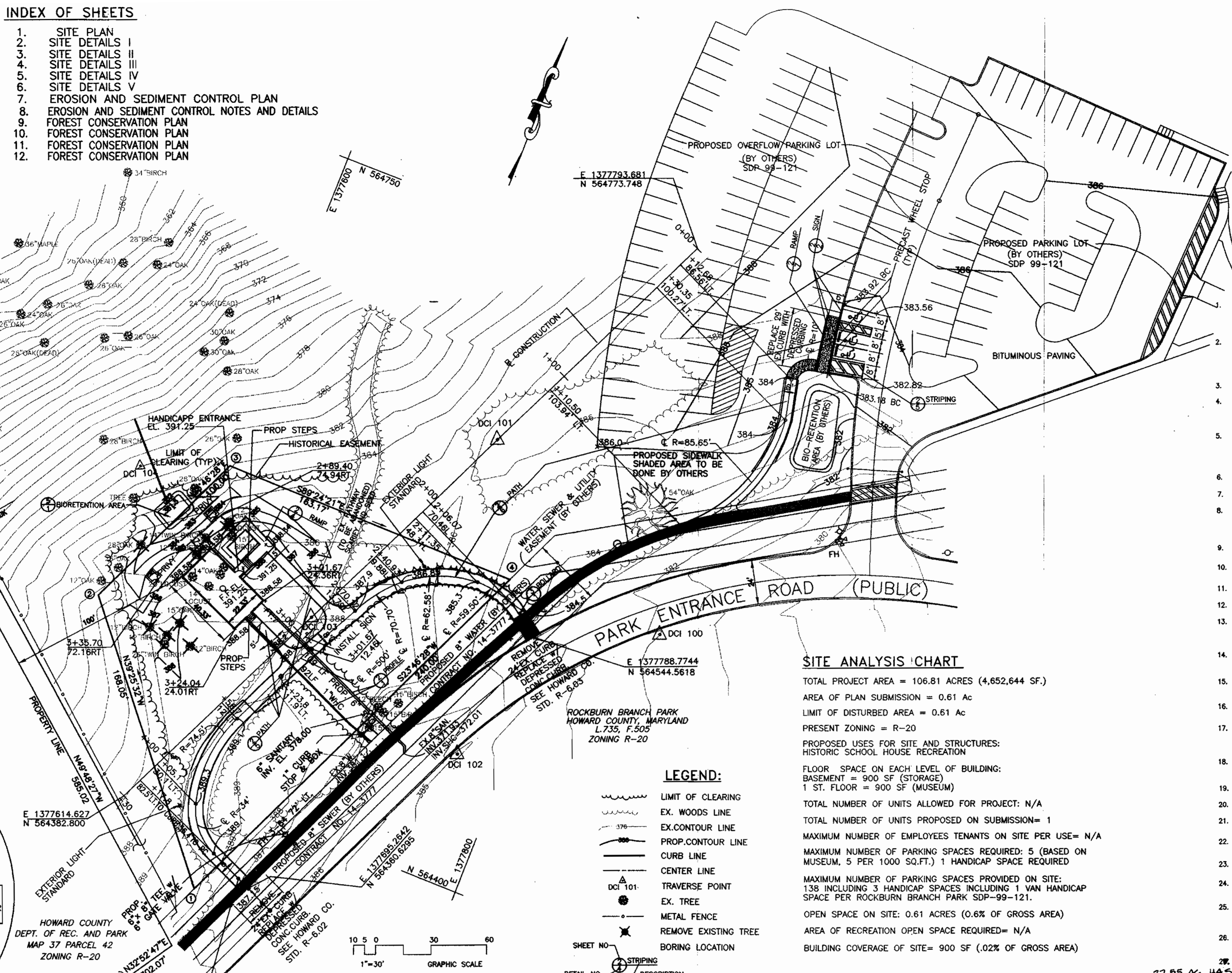
AREA = 25500 SF. (.5854 Ac.)

**STREET ADDRESS CHART**

ROCKBURN BRANCH PARK  
6105 MONTGOMERY ROAD



**UTILITY CONNECTION DETAILS**  
1" = 30'



**VICINITY MAP**  
SCALE: 1" = 3000'  
3000 0 3000 FEET

**GENERAL NOTES**

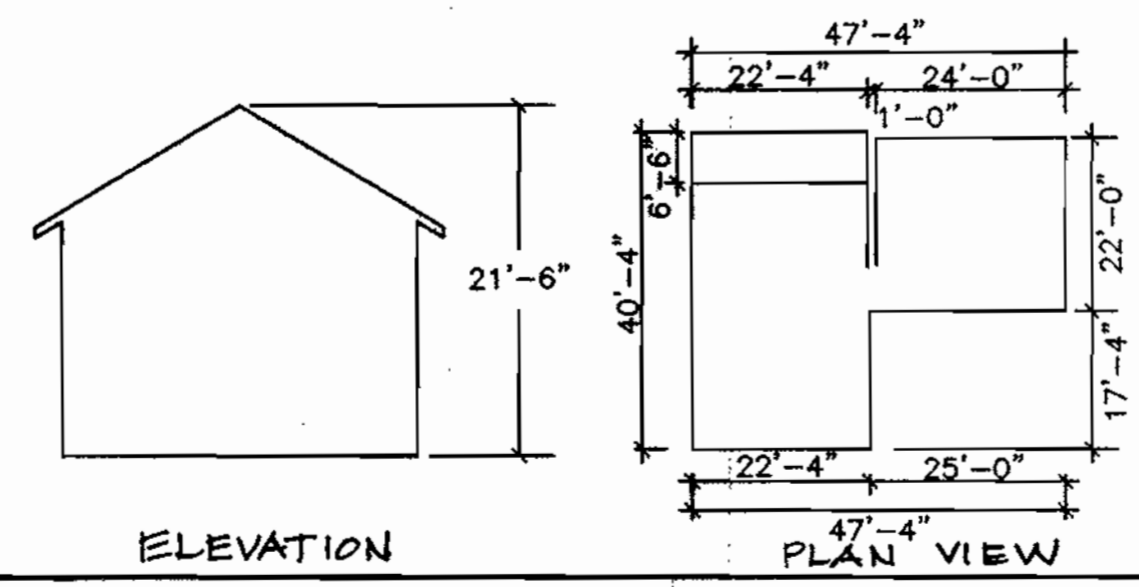
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
2. TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
3. ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
4. THE EXISTING TOPOGRAPHY IS TAKEN FROM (FIELD RUN) SURVEY WITH 1 FOOT CONTOUR INTERVALS PREPARED BY DANIEL CONSULTANTS, INC DATED JULY 1998.
5. 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. 3788 AND 378A WERE USED FOR THIS PROJECT.
6. WATER IS PUBLIC. SEE CONTRACT. 14-3777 PATAPSCO WATERSHED
7. SEWER IS PUBLIC. SEE CONTRACT. 14-3777 PATAPSCO WATERSHED
8. QUALITATIVE STORMWATER MANAGEMENT PROVIDED BY USING A BIORETENTION AREA THIS FACILITY WILL BE OWNED AND MAINTAINED BY THE HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS.
9. EXISTING UTILITIES ARE BASED ON RECORD PLANS.
10. THERE IS NO FLOODPLAIN ON THIS SITE.
11. THERE ARE NO WETLANDS ON THIS SITE.
12. NO TRAFFIC STUDY IS REQUIRED FOR THIS PROJECT.
13. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410-313-1880) AT LEAST FIVE (5) WORKING DAYS PRIOR TO START OF WORK.
14. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT (1-800-257-7777) AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
15. ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
16. NO AUTOMATIC SPRINKLER SYSTEM WILL BE INSTALLED
17. THIS PLAN IS FOR SCHOOL SITING AND LOT GRADING ONLY. FOR CONSTRUCTION SEE APPROVED WATER AND SEWER PLANS CONTRACT NO. 14-3777
18. CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT PROPERTY LINE PRIOR TO CONSTRUCTION.
19. NO POSTER IS REQUIRED FOR PUBLIC NOTICE
20. FOR DCI TRAVERSE POINT LOCATIONS SEE SHEET 2
21. ALL TREES WITHIN THE FOOTPRINT OF THE BUILDING AND TIMBER RAMPS TO BE REMOVED.
22. THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES. ROCKBURN BRANCH PARK SDP-99-121.
23. LANDSCAPING REQUIREMENTS, PER SECTION 16.124 OF THE HOWARD COUNTY CODE ARE PROVIDED BY CREDIT FOR EXISTING VEGETATION AND ARE FOR AESTHETIC PURPOSES ONLY.
24. PROPOSED PRIVIES ARE NOT TO BE FUNCTIONAL AND ARE FOR AESTHETIC PURPOSES ONLY.
25. THE LIGHTING SHALL BE DIRECTED/ REFLECTED AWAY FROM ALL ADJACENT PUBLIC ROADS AND RESIDENTIAL ZONING DISTRICTS IN ACCORDANCE WITH SECTION 134 OF THE ZONING REGULATIONS
26. NO EXTERIOR DUMPSTER OR TRASH RECEPTACLES ARE PLANNED. TRASH TO BE STORED INSIDE UNTIL REMOVED FROM SITE
27. THE FOREST CONSERVATION OBLIGATION FOR THIS PROJECT IN THE AMT. OF 27.55 AC. HAS BEEN MET THROUGH THE ESTABLISHMENT OF FOREST CONSERVATION RETENTION EASEMENTS RECORDED UNDER PLAT NO. 14461 ON 9-28-00

**SITE ANALYSIS CHART**

TOTAL PROJECT AREA = 106.81 ACRES (4,652,644 SF.)  
 AREA OF PLAN SUBMISSION = 0.61 Ac  
 LIMIT OF DISTURBED AREA = 0.61 Ac  
 PRESENT ZONING = R-20  
 PROPOSED USES FOR SITE AND STRUCTURES:  
 HISTORIC SCHOOL HOUSE RECREATION  
 FLOOR SPACE ON EACH LEVEL OF BUILDING:  
 BASEMENT = 900 SF (STORAGE)  
 1 ST. FLOOR = 900 SF (MUSEUM)  
 TOTAL NUMBER OF UNITS ALLOWED FOR PROJECT: N/A  
 TOTAL NUMBER OF UNITS PROPOSED ON SUBMISSION= 1  
 MAXIMUM NUMBER OF EMPLOYEES/TENANTS ON SITE PER USE= N/A  
 MAXIMUM NUMBER OF PARKING SPACES REQUIRED: 5 (BASED ON MUSEUM, 5 PER 1000 SQ.FT.) 1 HANDICAP SPACE REQUIRED  
 MAXIMUM NUMBER OF PARKING SPACES PROVIDED ON SITE:  
 138 INCLUDING 3 HANDICAP SPACES INCLUDING 1 VAN HANDICAP SPACE PER ROCKBURN BRANCH PARK SDP-99-121  
 OPEN SPACE ON SITE: 0.61 ACRES (0.6% OF GROSS AREA)  
 AREA OF RECREATION OPEN SPACE REQUIRED= N/A  
 BUILDING COVERAGE OF SITE= 900 SF (.02% OF GROSS AREA)

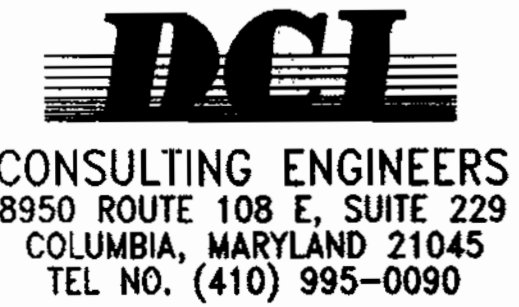
**LEGEND:**

- LIMIT OF CLEARING
- EX. WOODS LINE
- EX. CONTOUR LINE
- PROP. CONTOUR LINE
- CURB LINE
- CENTER LINE
- TRAVERSE POINT
- EX. TREE
- METAL FENCE
- REMOVE EXISTING TREE
- BORING LOCATION
- STRIPING



APPROVED: DEPARTMENT OF RECREATION AND PARKS <i>[Signature]</i> DIRECTOR, DEPT. OF RECREATION AND PARKS	APPROVED: DEPARTMENT OF PLANNING AND ZONING <i>[Signature]</i> DATE: 9/29/00
OWNER: HOWARD COUNTY, MARYLAND DEPT. RECREATION AND PARKS 7120 OAKLAND MILLS ROAD COLUMBIA, MD. 21046	SUBDIVISION: N/A SECTION/AREA: PARCEL NO.: 235 LIBER/FOLIO: 0735/505 BLOCK NO: 23 ZONING: R-20 TAX/MAP: 31 ELEC. DIST.: 1 CENSUS TR.: 6011 WATER CODE: D-04 SEWER CODE: 2153800

H:\PROJECTS\SURVEY\9700801\DESIGN\30PFEIF



**PFEIFFER CORNER SCHOOLHOUSE**  
 ROCKBURN BRANCH PARK, 6105 MONTGOMERY ROAD  
 ELKRIDGE, MD 21075

REVISIONS:	DATE:

SDP-00-37











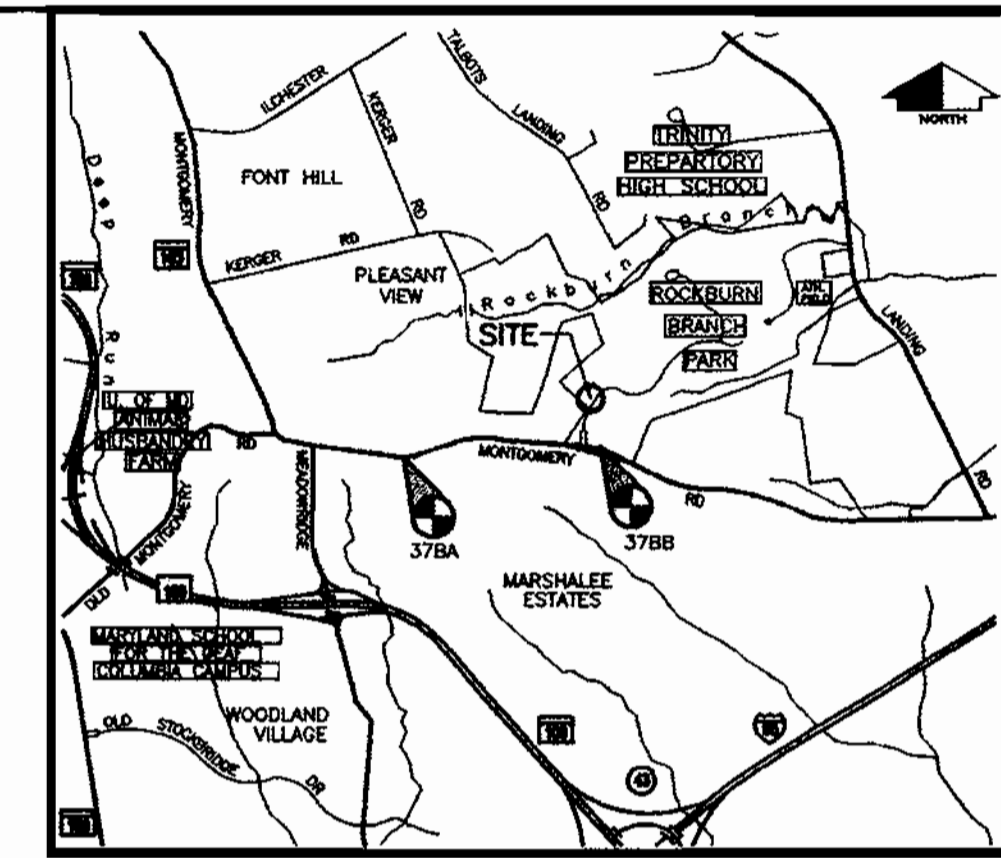












VICINITY MAP  
SCALE: 1"=3000'  
3000 0 3000 FEET



- LEGEND:**
- LIMIT OF CLEARING
  - EX. WOODS LINE
  - EX. CONTOUR LINE
  - PROP. CONTOUR LINE
  - CURB LINE
  - CENTER LINE
  - TRAVERSE POINT
  - EX. TREE
  - METAL FENCE
  - REMOVE EXISTING TREE
  - SNOW FENCE TREE PROTECTION
  - SILT FENCE
  - SUPER SILT FENCE
  - FILTER BAG
  - STABILIZED CONSTRUCTION ENTRANCE
  - LIMIT OF DISTURBANCE
- SHEET NO. \_\_\_\_\_  
DETAIL NO. \_\_\_\_\_ DESCRIPTION \_\_\_\_\_

Reviewed for HOWARD SCD and meet Technical Requirements.  
*Carol Simmons* 9/19/00  
 U.S.D.A. - Natural Resources Conservation Service  
 The development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
*Jim Kountz* 9/19/00  
 Howard SCD

**ENGINEER'S 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 requirements of the Howard Soil Conservation District.  
*Richard Subott* 4/11/00  
 Signature of Engineer (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 person involved in the construction project will have a certificate of Attendance at the 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 Howard soil Conservation District.  
*GARY S. ARTHUR* 7-7-00  
 Signature of Developer (Print name below signature)

APPROVED:  
 DEPARTMENT OF RECREATION AND PARKS  
*Larry J. Coker* 4-19-00  
 DIRECTOR, DEPT. OF RECREATION AND PARKS

**OWNER**  
 HOWARD COUNTY, MARYLAND  
 DEPT. RECREATION AND PARKS  
 7120 OAKLAND MILLS ROAD  
 COLUMBIA MD. 21048

APPROVED: DEPARTMENT OF PLANNING AND ZONING			
<i>Paul Keith</i>		9/22/00	
Director		Date	
<i>Cindy Hamilton</i>		9/22/00	
Chief, Division of Land Development		Date	
<i>Debbie Deussen</i>		9/22/00	
Chief, Development Engineering Division		Date	
SUBVISION	N/A	SECTION/AREA	PARCEL NO.
LIBER/FOLO	BLOCK NO	ZONING	TAX/MAP
0735/505	23	R=20	31
WATER CODE D-04		ELEC. DIST.	CENSUS TR.
		1	6011
		SEWER CODE	2153800

**DCI**  
 CONSULTING ENGINEERS  
 8950 ROUTE 108 E, SUITE 229  
 COLUMBIA, MARYLAND 21045  
 TEL NO. (410) 995-0090



**PFEIFFER CORNER SCHOOLHOUSE**  
 ROCKBURN BRANCH PARK, 6105 MONTGOMERY ROAD  
 ELKRIDGE, MD 21075

REVISIONS:	DATE:

**EROSION AND SEDIMENT CONTROL PLAN**  
 DRAWN BY : CLS  
 QUALITY ASSURANCE  
 DATE : APRIL 12, 2000

CONSTRUCTION CONTRACT NO.  
 N - 3910.CC  
 DRAWING NO.  
**7**  
 SET SHEET 7 OF 12







FOREST CONSERVATION EASEMENT 1					
NO.	BEARING	DISTANCE	NO.	BEARING	DISTANCE
1	N49°48'27"W	516.26'	41	S70°08'02"W	179.47'
2	N45°24'01"E	912.00'	42	S53°00'48"W	38.23'
3	N17°47'11"W	399.30'	43	S43°49'55"W	89.61'
4	N56°09'58"E	88.39'	44	S31°19'00"W	49.10'
5	N87°16'19"E	67.63'	45	S07°09'55"W	53.31'
6	N60°39'13"E	35.19'	46	S08°12'39"E	189.55'
7	N36°43'28"E	78.30'	47	S04°31'30"W	112.84'
8	N57°33'08"E	102.47'	48	S21°13'31"E	115.28'
9	N77°34'21"E	150.95'	49	S36°04'33"W	181.72'
10	N30°43'14"E	74.59'	50	S60°09'30"W	42.58'
11	N42°54'47"E	50.51'	51	S71°00'19"W	158.76'
12	N00°56'19"W	53.19'	52	N75°10'31"W	57.42'
13	N25°43'39"E	46.69'	53	S60°41'00"W	40.86'
14	N49°31'25"E	134.43'	54	S04°38'14"E	150.18'
15	N72°17'07"E	50.75'	55	S16°37'01"W	186.42'
16	N85°21'35"E	105.08'	56	S25°19'59"E	88.28'
17	N35°08'41"E	162.04'	57	S65°06'09"W	79.72'
18	N64°21'51"E	94.12'	58	S80°22'29"W	25.74'
19	N50°30'39"E	31.04'	59	S00°52'51"W	65.95'
20	N83°01'57"E	83.21'	60	S35°27'09"E	148.48'
21	N54°38'38"E	70.41'	61	S32°35'32"W	41.04'
22	N37°51'31"E	82.88'			
23	N55°23'31"E	41.10'			
24	S37°08'21"E	186.17'			
25	S30°05'12"W	37.32'			
26	S58°50'46"W	47.57'			
27	S81°38'27"W	61.69'			
28	S70°50'50"W	86.84'			
29	S54°54'02"W	69.34'			
30	S43°22'37"W	50.79'			
31	S26°47'32"W	146.52'			
32	S47°34'00"W	45.07'			
33	S65°10'54"W	39.19'			
34	N85°25'24"W	39.61'			
35	N73°07'26"W	54.81'			
36	S63°04'15"W	131.79'			
37	S30°13'32"W	60.95'			
38	S08°12'09"W	52.58'			
39	S27°37'56"W	37.06'			
40	S43°13'47"W	55.69'			

FOREST CONSERVATION EASEMENT AND RETENTION AREA: 11.55 ACRES

FOREST CONSERVATION EASEMENT AND RETENTION AREA: 2.31 ACRES

FOREST CONSERVATION EASEMENT 2		
NO.	BEARING	DISTANCE
1	S49°08'21"E	543.41'
2	S60°07'39"W	41.31'
3	S71°58'02"W	147.20'
4	N83°35'30"W	69.47'
5	N78°58'43"W	147.95'
6	N61°48'36"W	24.31'
7	N19°34'04"W	77.64'
8	N06°42'21"E	88.97'
9	N07°19'39"W	52.65'
10	N00°07'59"W	111.95'
11	N46°19'51"E	83.54'

FOREST CONSERVATION EASEMENT 3		
NO.	BEARING	DISTANCE
1	N26°39'11"W	84.34'
2	N06°22'42"E	137.85'
3	N09°42'20"E	164.85'
4	N27°53'30"E	193.88'
5	N38°34'20"E	463.27'
6	S07°02'02"E	59.78'
7	S72°58'12"E	28.08'
8	N69°57'04"E	35.15'
9	N32°45'16"E	109.82'
10	N40°10'50"E	55.86'
11	N74°36'00"E	42.11'
12	S68°00'05"E	68.42'
13	S26°03'50"E	723.68'
14	S35°10'23"E	67.04'
15	S74°56'19"E	41.60'
16	N68°58'28"E	43.45'
17	N54°47'18"E	47.72'
18	N04°37'53"E	58.89'
19	N46°37'13"E	38.00'
20	N83°25'13"E	76.44'
21	S63°24'10"E	38.04'
22	S33°50'11"E	400.87'
23	S69°42'16"W	1292.95'
24	S22°50'51"W	71.48'

FOREST CONSERVATION EASEMENT AND RETENTION AREA: 13.60 ACRES

LEGEND	
	STREAM BUFFERS
	FOREST CONSERVATION
	100-YEAR FLOOD PLAIN

PROPERTY OUTLINE SCALE 1" = 200'

FOREST CONSERVATION PLAN

PLAN PREPARED BY:  
  
 Environmental Systems Analysis, Inc.  
 48 Maryland Avenue, Annapolis, Maryland 21401  
 (410) 267-0495 Fax: (410) 267-0496

Colin A. MacLachlan  
 Registered Landscape Architect  
 MO License #3040  
 Date: 6/15/00

REVISED	DATE
Revised per County Comments of June 2000	6/00

APPROVED DEPARTMENT OF PLANNING AND ZONING  
  
 Date: 9/29/00  
 Date: 9/26/00  
 Date: 9/26/00

SDP.00:37



**HISTORICAL EASEMENT**

COORDINATES		
NUMBER	NORTHING	EASTING
1	564349.8383	1377668.4715
2	564479.4493	1377561.7463
3	564570.9636	1377602.0601
4	564569.2719	1377765.2243

LINE TABLE		
LINE	BEARING	DISTANCE
1-2	N39°25'32"W	168.05'
2-3	N23°46'28"E	100.00'
3-4	S89°24'21"E	163.17'
4-1	S23°46'28"W	240.00'

AREA = 25500 SF. (.5854 Ac.)

**STREET ADDRESS CHART**

ROCKBURN BRANCH PARK  
6105 MONTGOMERY ROAD

**FOREST CLEARING**  
0.26 ACRE



PLAN PREPARED BY:  
**Environmental Systems Analysis, Inc.**  
48 Maryland Avenue, Annapolis, Maryland 21401  
(410) 267-0495 Fax: (410) 267-0496

**Colin A. MacLachlan**  
Registered Landscape Architect  
MD License #3040  
Date: 4/27/00

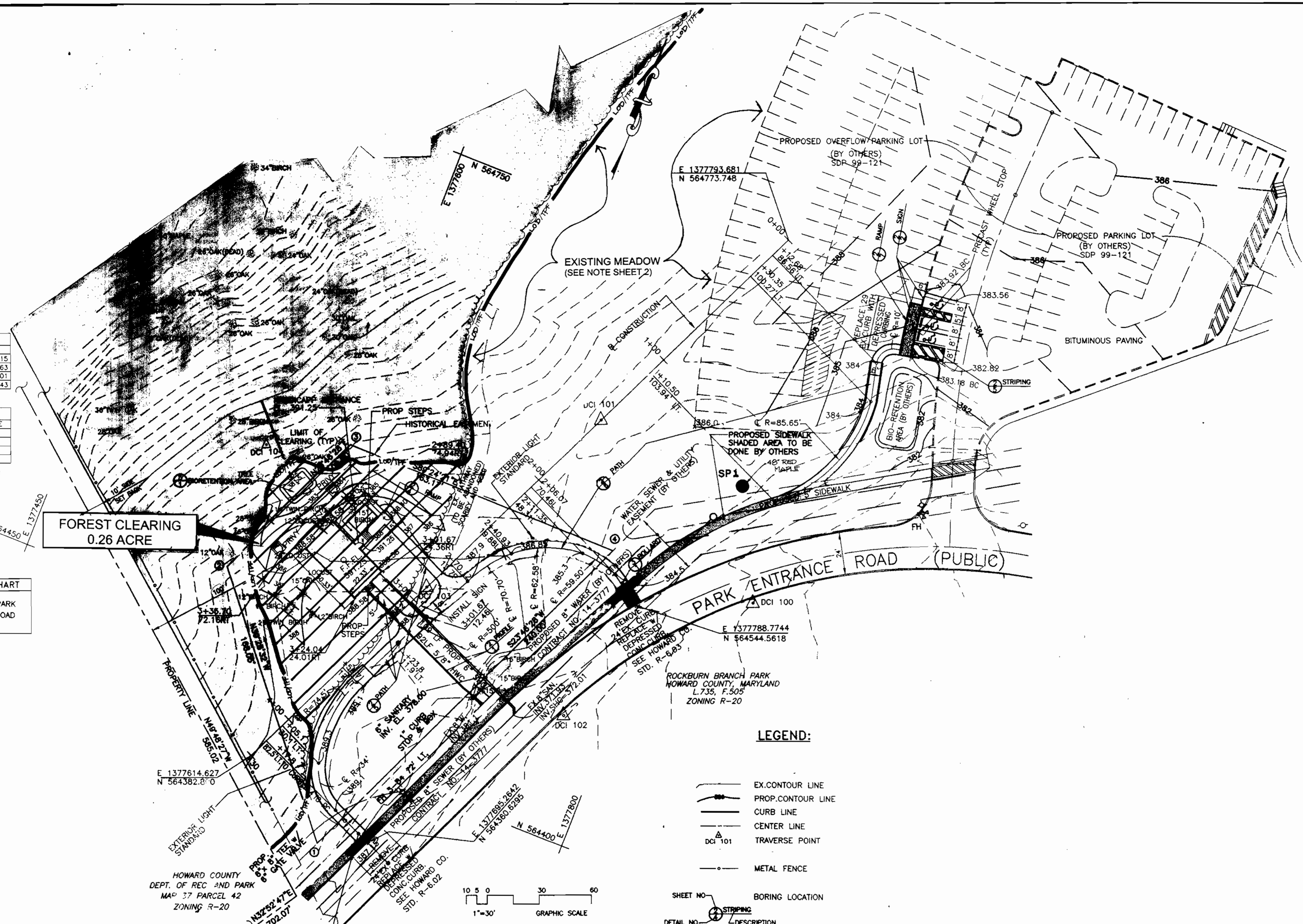
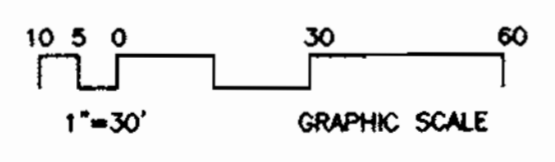
**FOREST CONSERVATION PLAN LEGEND**

	EXISTING TREE LINE
	SP1 SPECIMEN TREE
	LIMIT OF DISTURBANCE/ TREE PROTECTION FENCING
	FOREST CLEARING
	FOREST CONSERVATION (SEE COVER SHEET)

**FOREST CONSERVATION PLAN**

**LEGEND:**

	EX. CONTOUR LINE
	PROP. CONTOUR LINE
	CURB LINE
	CENTER LINE
	DCI 101 TRAVERSE POINT
	METAL FENCE
	BORING LOCATION
	STRIPING
	DESCRIPTION



APPROVED: DEPARTMENT OF RECREATION AND PARKS <i>Gary J. Arthur</i> DIRECTOR, DEPT. OF RECREATION AND PARKS Date: 2-22-00	APPROVED: DEPARTMENT OF PLANNING AND ZONING <i>Lyndy Hamlett</i> Chief, Division of Land Development Date: 9/26/00
<b>OWNER</b> HOWARD COUNTY, MARYLAND DEPT. RECREATION AND PARKS 7120 OAKLAND MILLS ROAD COLUMBIA MD. 21048	
SUBDIVISION: N/A	SECTION/AREA: 235
LIBER/FOLIO: 0735/505	BLOCK NO: 23
ZONING: R=20	TAX/MAP: 31
ELEC. DIST: 1	CENSUS TR: 6011
WATER CODE: D-04	SEWER CODE: 2153800

**DCL**  
CONSULTING ENGINEERS  
8950 ROUTE 108 E, SUITE 229  
COLUMBIA, MARYLAND 21045  
TEL NO. (410) 995-0090



**PFEIFFER CORNER SCHOOLHOUSE**  
ROCKBURN BRANCH PARK, 6105 MONTGOMERY ROAD  
ELKRIDGE, MD 21075

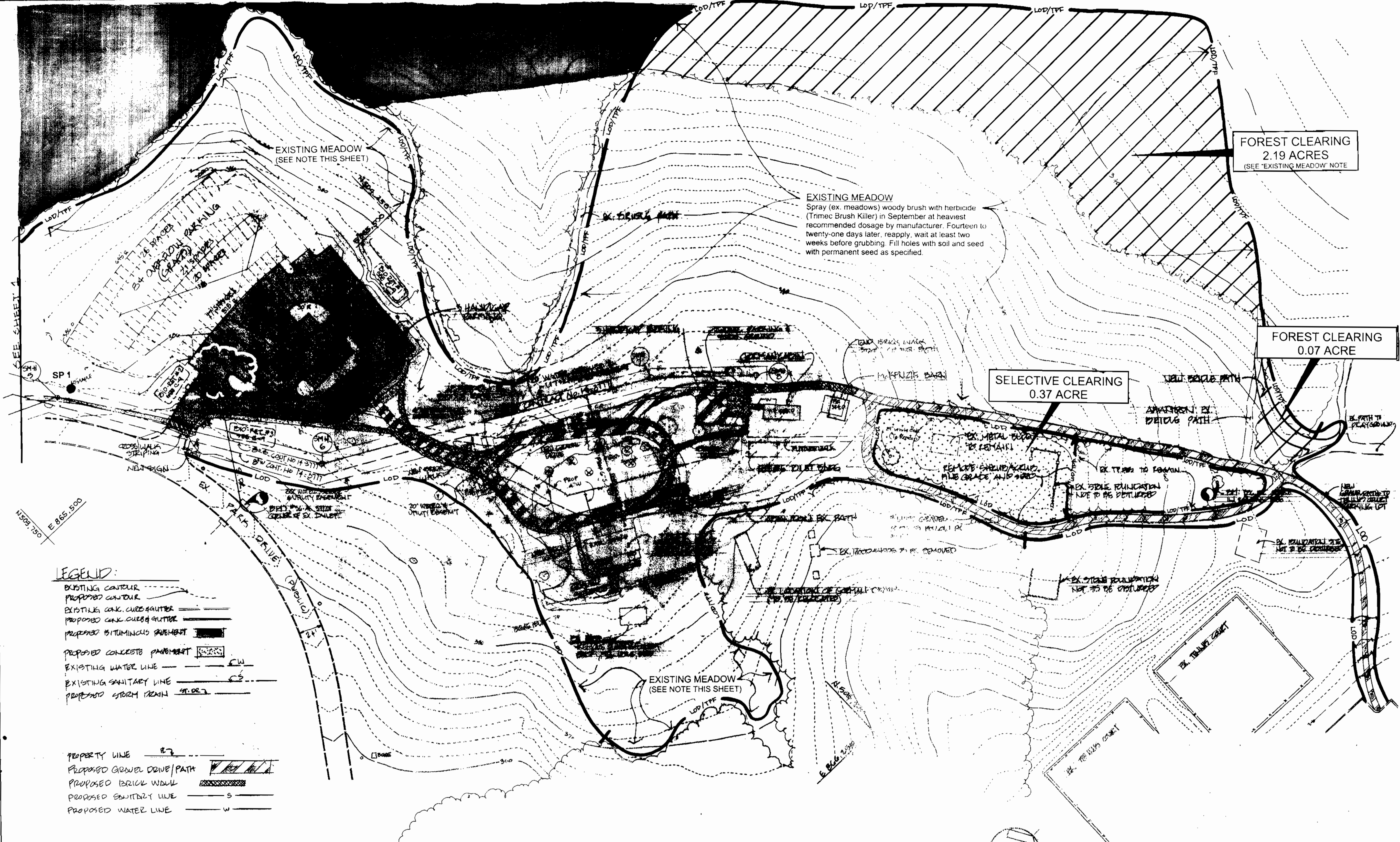
**REVISIONS:**

NO.	DATE	DESCRIPTION
1	6/00	Revised per County comments of June 2000

DRAWN BY: CLS	DATE: April 2000
QUALITY ASSURANCE:	

CONSTRUCTION CONTRACT NO. N-3910.00  
DRAWING NO. **SHT 10**  
OF 12





- LEGEND:**
- EXISTING CONTOUR
  - PROPOSED CONTOUR
  - EXISTING C&G CURB/GUTTER
  - PROPOSED C&G CURB/GUTTER
  - PROPOSED BITUMINOUS PAVEMENT
  - PROPOSED CONCRETE PAVEMENT
  - EXISTING WATER LINE
  - EXISTING SANITARY LINE
  - PROPOSED STORM DRAIN
  - PROPERTY LINE
  - PROPOSED GRASS DRIVE/PATH
  - PROPOSED BRICK WALL
  - PROPOSED SANITARY LINE
  - PROPOSED WATER LINE

FOREST CONSERVATION PLAN LEGEND	
	EXISTING TREE LINE
	SPECIMEN TREE
	LIMIT OF DISTURBANCE
	LIMIT OF DISTURBANCE/TREE PROTECTION FENCING
	FOREST CLEARING
	SELECTIVE CLEARING
	FOREST CONSERVATION (SEE COVER SHEET)

# FOREST CONSERVATION PLAN



PLAN PREPARED BY:  
 Environmental Systems Analysis, Inc.  
 48 Maryland Avenue, Annapolis, Maryland 21401  
 (410) 267-0495 Fax: (410) 267-0496

*Colin A. MacLachlan*  
 Colin A. MacLachlan  
 Registered Landscape Architect  
 MD. License #3040  
 8/13/00 Date

APPROVED DEPARTMENT OF PLANNING AND ZONING  
*Joseph R. Smith*  
 Director  
 9/29/00 Date  
*Cindy Hamstra*  
 Chief, Division of Land Development  
 9/28/00 Date  
*William J. ...*  
 Chief, Development Engineering Division  
 9/28/00 Date

REVISIONS	DATE
Revised per County Comments of June 2000	6/2000



**NARRATIVE**

Rockburn Branch Park is a 106 (+/-) acre tract located on Montgomery Road in Eastern Howard County. The parcel is zoned R-20. Existing park facilities include two baseball fields, two basketball courts, two tennis courts, three parking lots and a 24 foot wide drive providing access. The park also contains the Gorman Cabin and Clover Hill Farm House which are listed in the Howard County Historic Sites Survey.

This Final Forest Conservation Plan has been prepared for the Howard County Department of Public Works and is based on the site development plans prepared for the Pfeiffer Corner Schoolhouse (dated 1/18/2000) and the Clover Hill Restoration (SDP 99-121). Forest stands shown on these plans correspond with the April 2000 Forest Stand Delineation/Natural Resource Inventory prepared by Environmental Systems Analysis, Inc. The forest conservation areas proposed on this plan were selected based on the following:

- Protection of steep slopes
- Protection of wetland and stream buffers
- Preservation of mature forest stands for wildlife habitat and natural heritage

**GENERAL NOTES**

1. This forest conservation plan has been prepared in accordance with the requirements set forth by the Howard County Forest Conservation Act. The preparation of this plan, the notes and details were prepared using the guidelines of the Howard County Forest Conservation Manual.
2. Base sheet information was provided by the Howard County Department of Public Works.
3. All appropriate bonds shall be posted prior to the issuance of any permits per Howard County Forest Conservation Act. These bonds will be retained as surety until all required activities have been satisfied.

**FOREST PROTECTION MEASURES**

1. After the limits of disturbance (LOD) and the location of all Tree Protection Devices (TPD's) have been staked and/or flagged in the field, an on-site pre-construction meeting shall be held. During this meeting, the limits of clearing specified on the approved plan shall be field-verified and authorization shall be given for the installation of TPD's with any necessary adjustments. This meeting shall include a representative of the Department of Public Works, the on-site foremen in charge of land disturbance, a licensed arborist, the Howard County Erosion & Sediment Control inspector, and the Howard County forest conservation inspector. Upon approval of the flagged or staked locations by the inspectors and an evaluation of Specimen Tree #4 (see "Specimen Trees" section below), installation may begin. TPD installation shall be completed prior to installation of initial Sediment Controls. No cutting or clearing of trees may begin before final approval of TPD installation.
2. Filter cloth on wire mesh and orange safety fencing shall be the short-term TPD's. Filter cloth on wire mesh shall be located along the limits of disturbance (LOD) where tree clearing is proposed and erosion control is required. Orange safety shall be used in all remaining areas where TPD's are shown. Details for both TPD's along with installation notes are provided on this sheet.
3. Short-term forest protection devices shall be installed prior to any land clearing or grading and shall be maintained during the entire construction phase including fine grading and final seeding.
4. Equipment, machinery, vehicles, materials, or debris shall not be allowed within forest areas located outside of the limits of disturbance.
5. After construction activities have been completed, an on-site inspection by Howard County Department of Recreation & Parks or their representative will be conducted to evaluate the remaining trees for damage or impacts which may have occurred during the construction process. If trees along the forest perimeter are found to be damaged or dead as a direct result of the construction process, corrective action must be taken. The measures may include the following and must be carried out by a qualified tree professional:
  - Removal of dead or dying trees located within 20 feet of the limits of disturbance which are potentially hazardous. Dead or dying trees which are not potentially hazardous shall be left to provide wildlife habitat. Removal should be authorized by Howard County.
  - Pruning of dead or declining limbs
  - Soil aeration
  - Fertilizing
  - Watering
  - Wound repair
  - Clean-up retention areas
6. Temporary tree protection devices shall remain in place until their removal is approved by the Howard County Erosion & Sediment Control inspector.
7. When removing the temporary tree protection devices, care shall be taken to not disturb or clear additional area within the limit of disturbance. Hand removal of vines, excessive dead material and trash is permitted. The burial of discarded materials is not permitted on the site.

**SPECIMEN TREES**

One specimen tree has been identified on these plans, a 48" DBH, open grown Red Maple. This tree has excellent form and would provide a dramatic entrance, but it is in poor condition. For that reason, no extraordinary measures (i.e., root pruning) are recommended for preserving this tree. A licensed arborist should attend the pre-construction meeting and determine if the tree can be maintained without extraordinary measures and without being a potential hazard to automobiles parked in the proposed lots. If the arborist determines that the tree can be preserved, then sanitary pruning shall be conducted by the arborist to remove all dead wood and to maximize the health of the tree.

**SELECTIVE CLEARING**

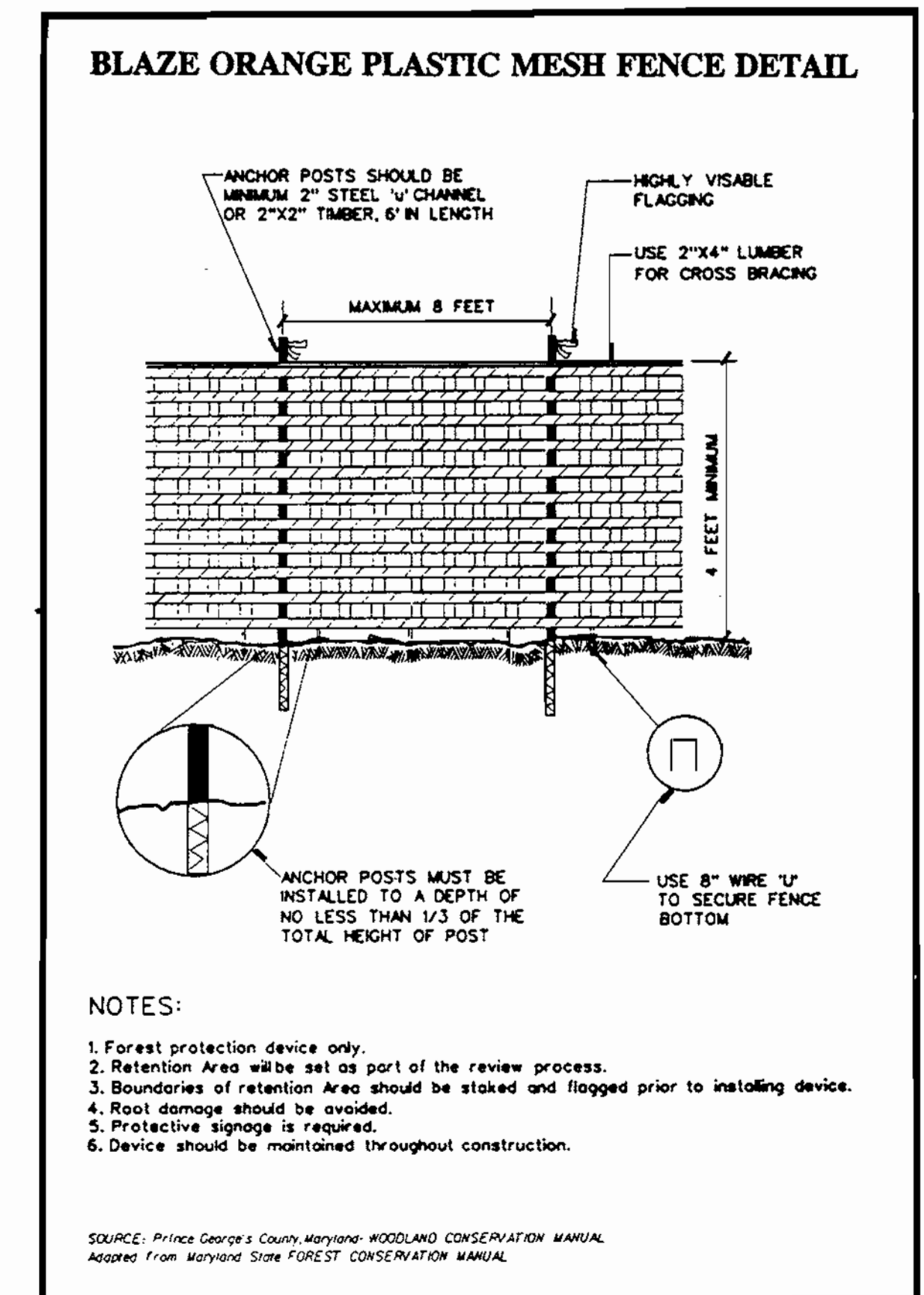
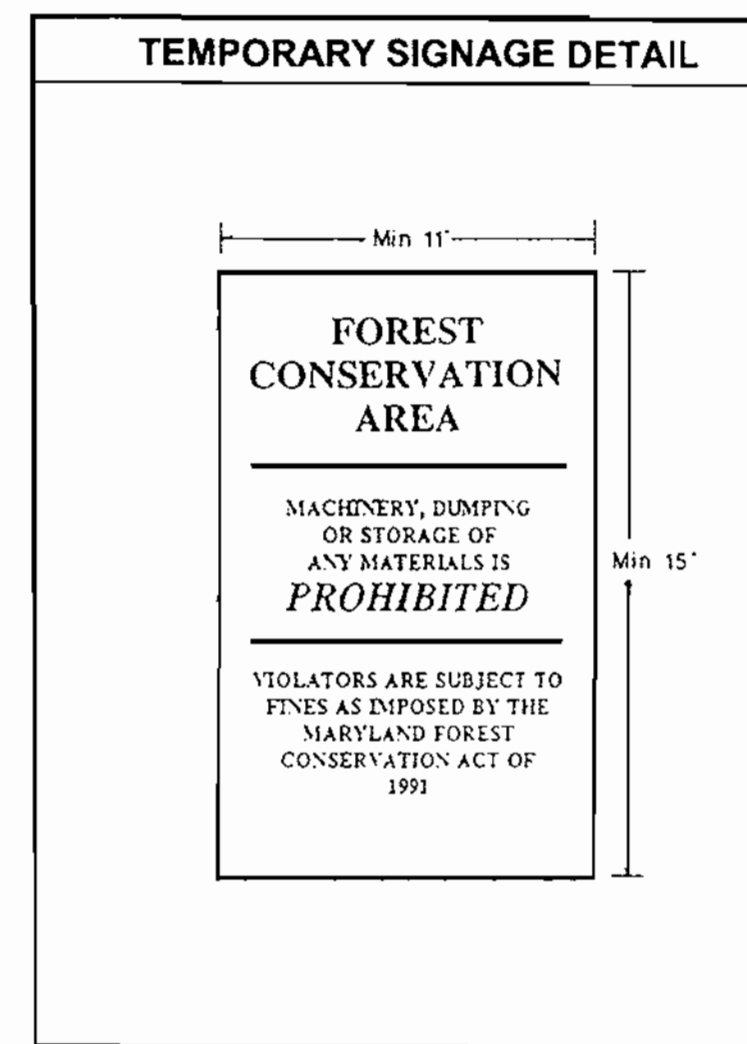
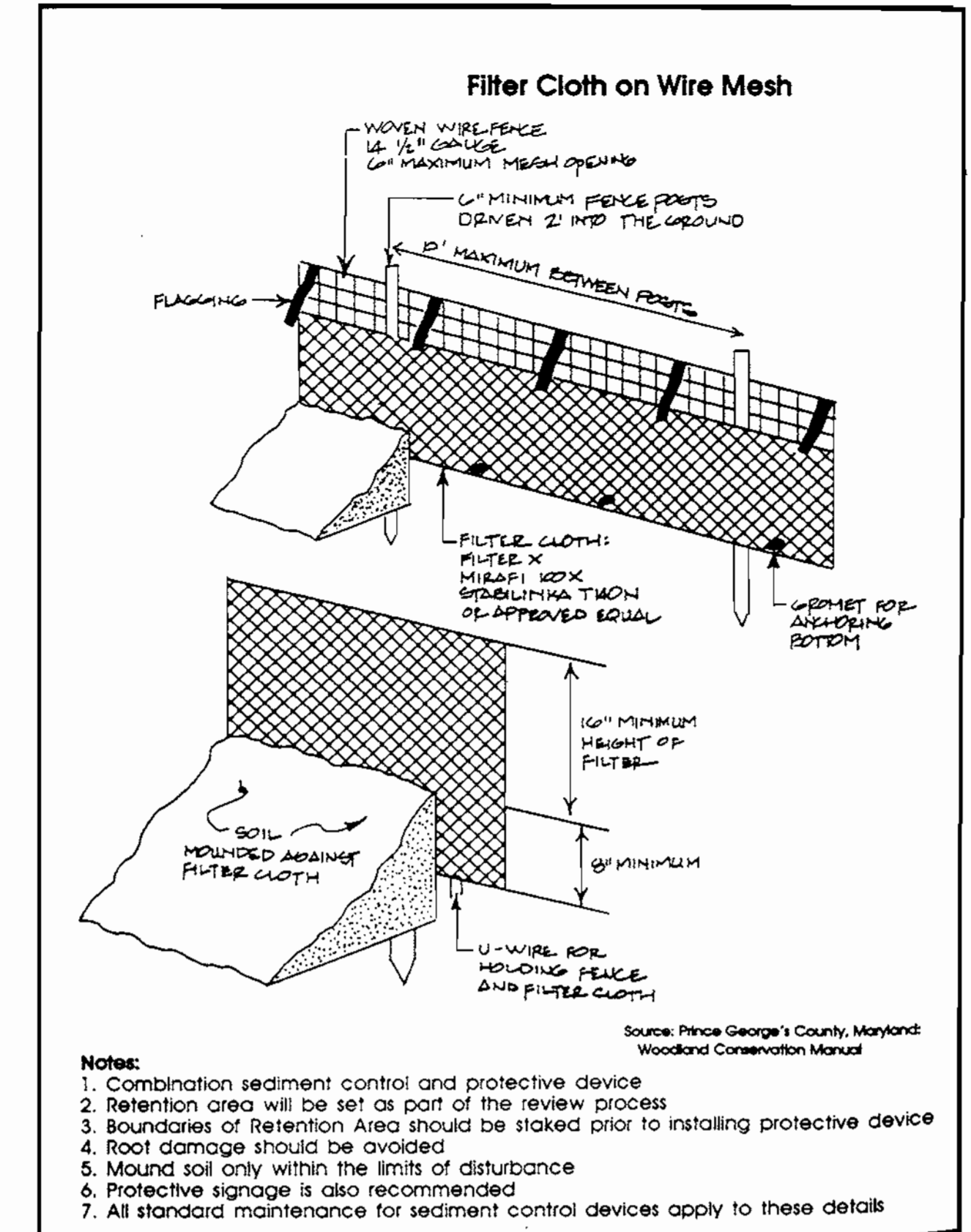
1. Selective clearing in the designated area shown on this plan (See Sheet 2) will consist of the removal of invasive, exotic trees, shrubs, and vines (e.g., Mulberry and Multiflora Rose) that are established in the understory.
2. Selective clearing shall not include native trees or shrubs unless they threaten the integrity of the structures to be preserved (i.e., the existing stone foundation and the existing metal building).

3. On the Forest Conservation Worksheet, the selective clearing area has been considered forest clearing since the quantity of trees removed from the area might result in tree densities below the forest threshold. However, all healthy canopy trees will be preserved unless they threaten stone foundation and the existing metal building.

**LONG TERM MANAGEMENT PLAN**

1. All forest conservation areas shall be protected by conservation easements which will be recorded at record plat.
2. The periodic removal of vines and other invasive and non-native vegetation along the perimeter of the forest conservation areas may be conducted to control the intrusion and development of such vegetation and maintain forest productivity.
3. Woody vegetation located within 20' from the forest perimeter susceptible to windthrow and dead or diseased trees along the forest perimeter may be selectively thinned if potentially hazardous.

Rockburn Branch Park Forest Conservation Worksheet	
Input Parameter:	Enter:
Tract Area	106.8
100-Year Floodplain Area	4.07
Other ROW/Easements to be Excluded from Net Tract Area	0
Disturbance within Floodplain to be added to Net Tract Area	0
Existing Forest Area within Net Tract Area	55.6
Afforestation Threshold Percentage	0.15
Conservation Threshold Percentage	0.2
Total Area of Forest to be Cleared	2.89
Calculated Parameters:	Enter:
Net Tract Area	102.73
Afforestation Threshold	15.4095
Conservation Threshold	20.546
Area of Forest Above Afforestation Threshold	40.1905
Area of Forest Above Conservation Threshold	35.054
Break Even Point	27.5568
Clearing Permitted with no Mitigation	28.0432
Total Area of Forest to be Retained	52.71
Reforestation for Clearing Above Conservation Threshold	0.7225
Reforestation for Clearing Below the Conservation Threshold	0
Credit for Retention Above the Conservation Threshold	32.164
Total Reforestation Required	0
Total Afforestation Required	0
TOTAL Afforestation/Reforestation Required	0

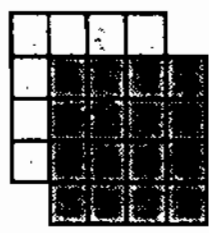


APPROVED: DEPARTMENT OF PLANNING AND ZONING

Director: *[Signature]* Date: 7/29/00

Chief, Division of Land Development: *[Signature]* Date: 7/29/00

Chief, Development Engineering Division: *[Signature]* Date: 9/27/00

PLAN PREPARED BY:  
  
**Environmental Systems Analysis, Inc.**  
 48 Maryland Avenue, Annapolis, Maryland 21401  
 (410) 267 - 0495 Fax: (410) 267 - 0496



*[Signature]* Colin A. MacLachlan  
 Registered Landscape Architect  
 MD. License #3040  
 Date: 7/27/00

REVISIONS	DATE
Revised per County Comments of June 2000	6/2/00

**FOREST CONSERVATION PLAN**

**ROCKBURN BRANCH PARK**  
 Howard County, Maryland  
 No Scale April 2000