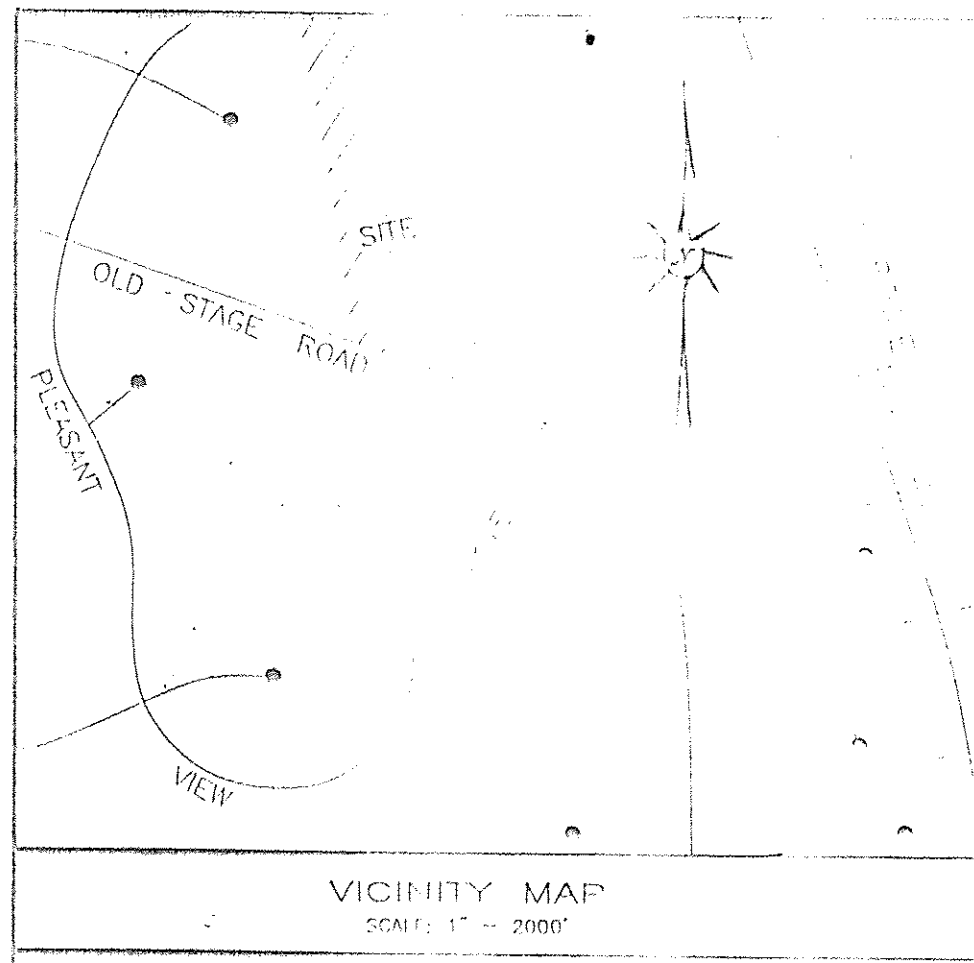
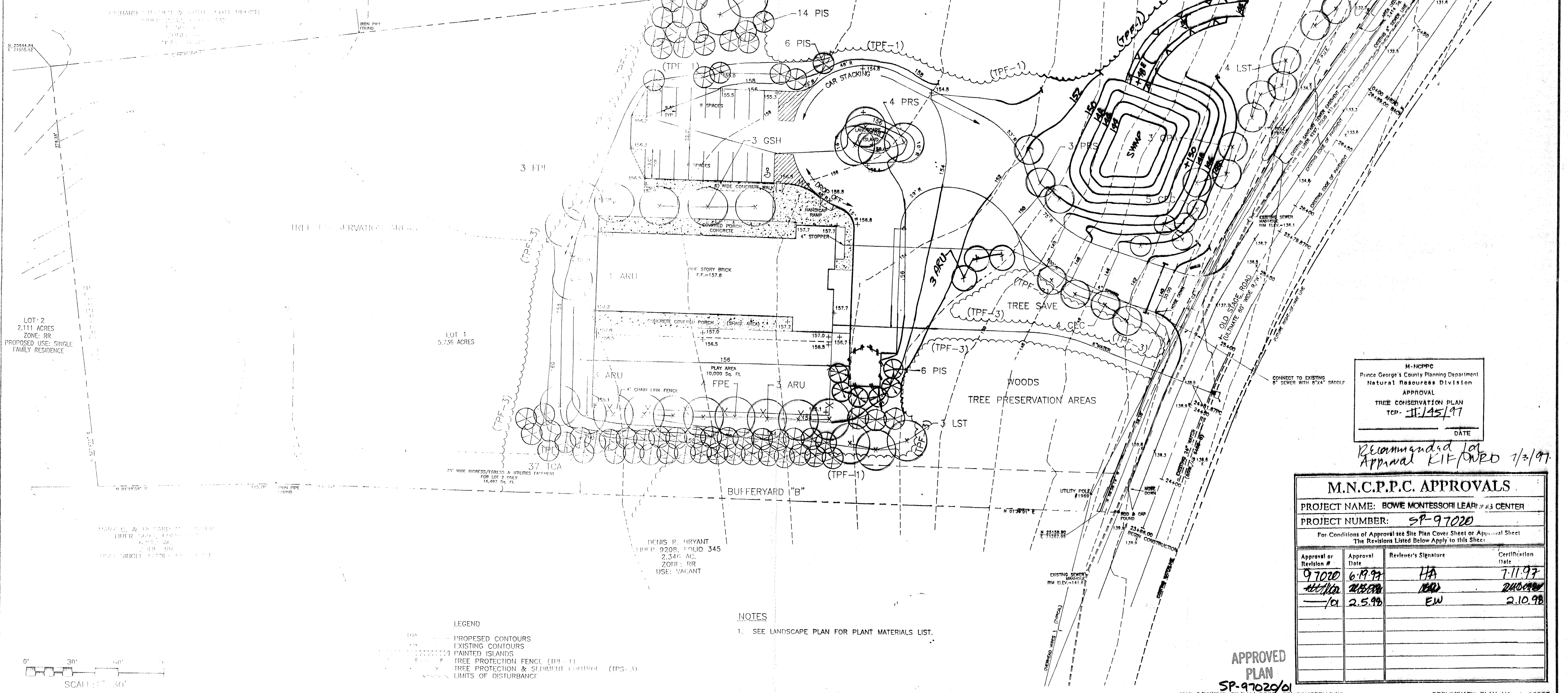




CHORD	RADIUS	LENGTH	CHORD BEARING	DELTA ANGLE	TANGENT
1.1	1430.00'	239.4'	S 30° 26' 04" E	89° 35' 12"	119.91'
1.2	871.31'	132.65'	S 63° 15' 34" E	89° 43' 52"	66.52'



H-NCPPC
Prince George's County Planning Department
Natural Resources Division
APPROVAL
TREE CONSERVATION PLAN
TCP- 11/15/97
DATE

Recommended for
Approval KIF/ORD 1/3/97

M.N.C.P.P.C. APPROVALS				
PROJECT NAME: BOWIE MONTESSORI LEARNING CENTER				
PROJECT NUMBER: SP-97020				
For Conditions of Approval see Site Plan Cover Sheet or Approval Sheet The Revisions Listed Below Apply to this Sheet				
Approval or Revision #	Approval Date	Reviewer's Signature	Certification Date	
97020	6.9.97	HA	7.11.97	
11/1/97	2.5.98	EW	2.10.98	
1/1	2.5.98	EW	2.10.98	

APPROVED
PLAN
SP-97020/01

CMS DRAWING FILE: H:\0075-96\CONSERV.DWG

PRELIMINARY PLAN NO. 4-96097

DESIGNED: GDS	1
DRAFTED: MJW	2
CHECKED: GDS	
PROJ. ENG: JRP	
DATE: MARCH 1997	

REVISIONS	DATE
1	10/19/97
2	1-98

DESIGNED: GDS	1
DRAFTED: MJW	2
CHECKED: GDS	
PROJ. ENG: JRP	
DATE: MARCH 1997	

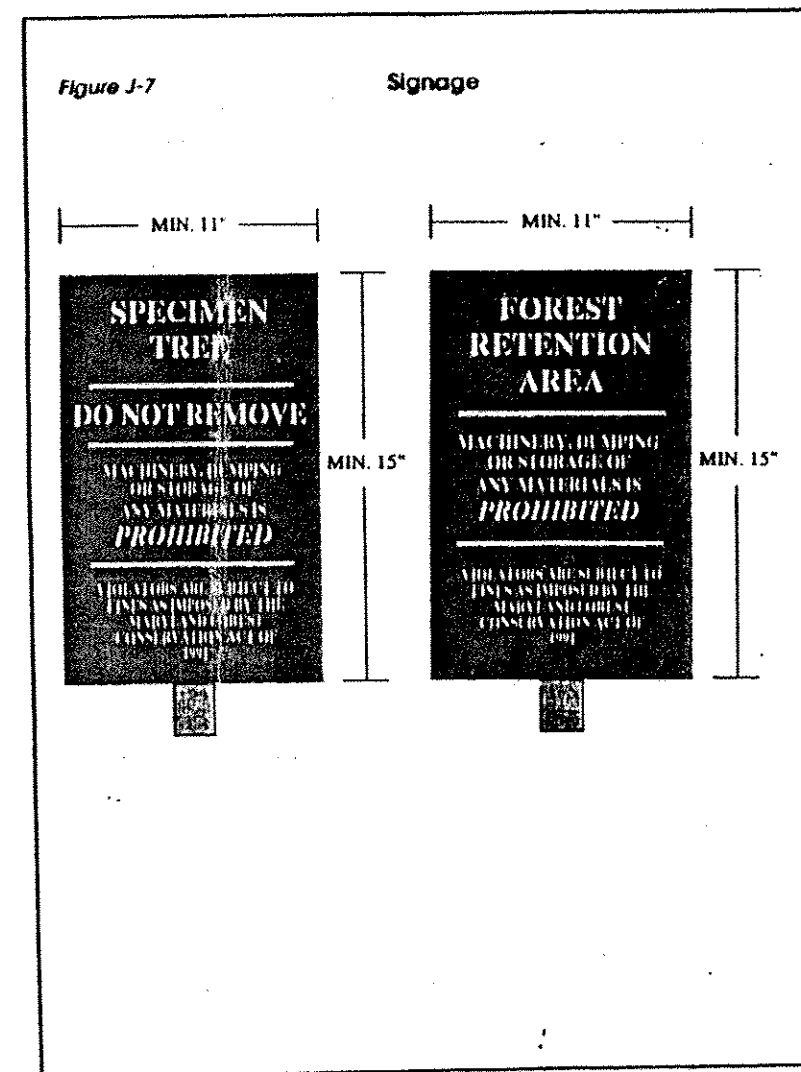
CMS
CENTRAL MARYLAND SURVEYORS, INC.
4319 BOWTIEVIEW DRIVE (301) 262-1000 FAX (301) 262-9878 BOWIE, MD 20716

TREE CONSERVATION PLAN - TYPE II
BOWIE MONTESSORI LEARNING CENTER
LOT 1
SEVENTH ELECTION DISTRICT
PRINCE GEORGE'S COUNTY, MARYLAND

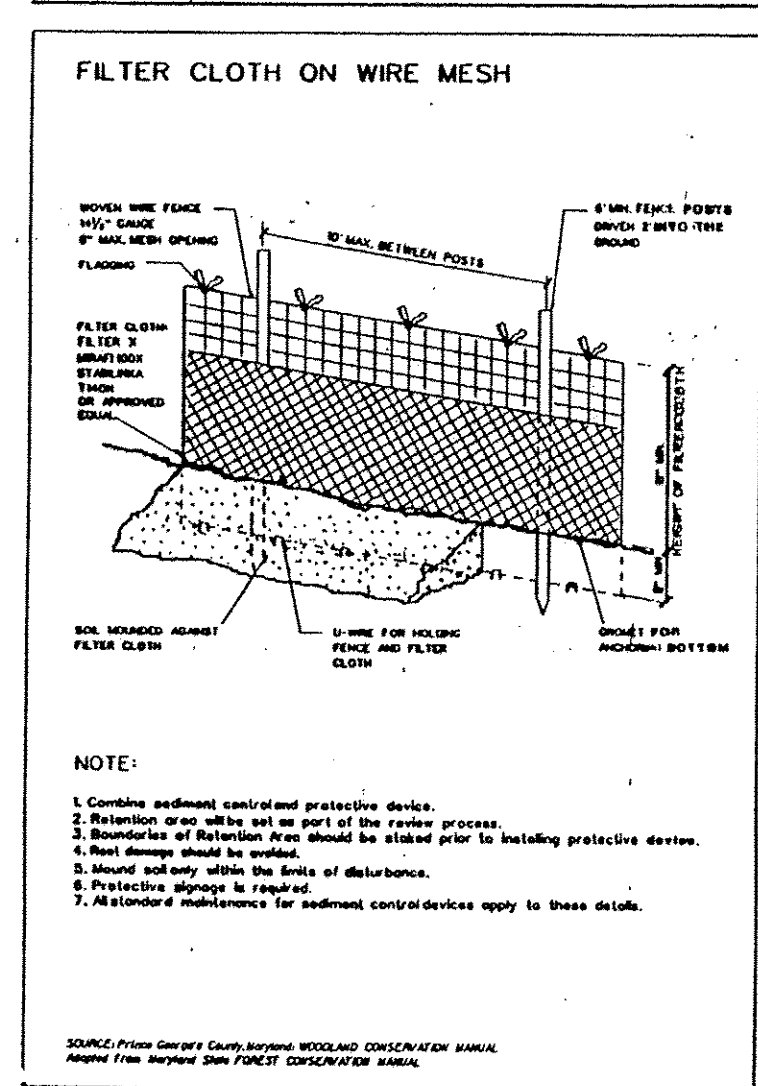
SCALE: 1"=30'
SHEET NO: 1 OF 2
JOB NO: 0075-96

WOODLAND CONSERVATION NOTES

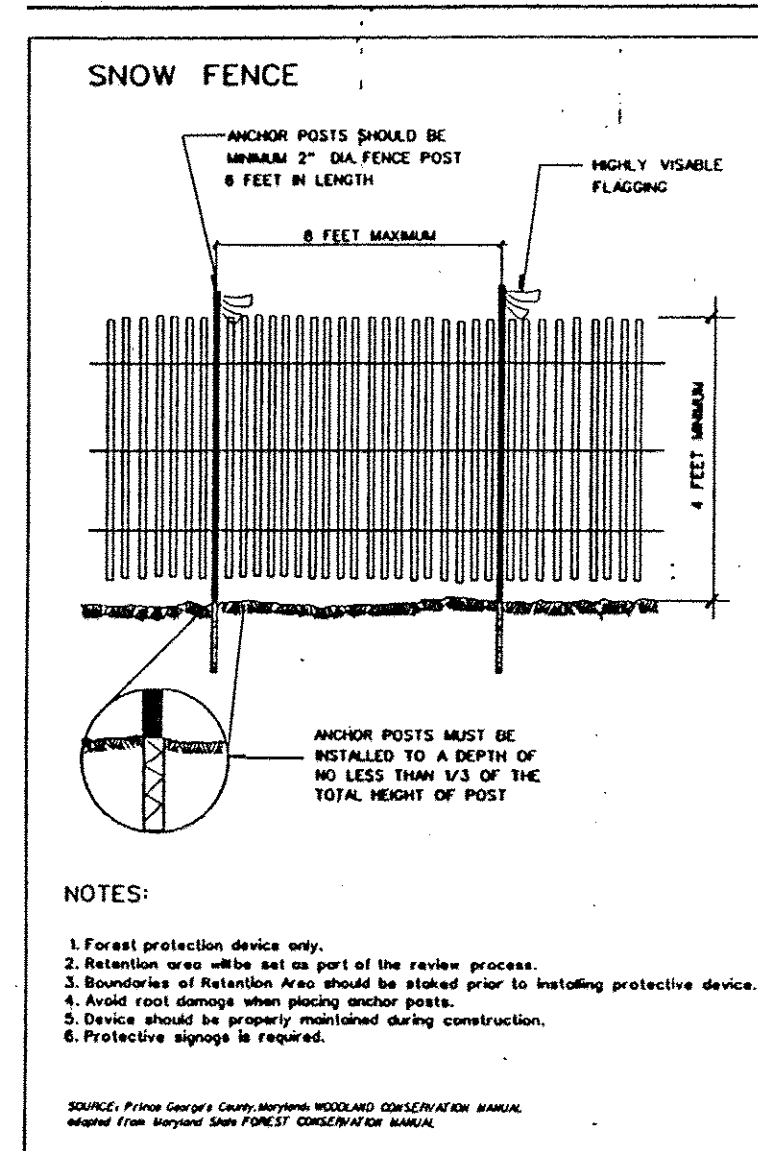
- Cutting or clearing of woodland, not in conformance with this Plan or without the expressed written consent of the Planning Director or designee, shall be subject to a \$1.50 per square foot mitigation fee.
- The Forest Resources Unit of the Department of Environmental Resources (DER), must be contacted at 301/925-5620 prior to the start of any work on the site to address implementation of Tree Conservation measures shown on this Plan.
- Upon the sale of the property, the owner/developer or owner representative, shall notify the purchaser of the property of any Woodland Conservation Areas.
- All appropriate bonds will be posted with their building Official prior to the issuance of any permits. These bonds will be retained as security by the Building Official, until all required activities have been satisfied.
- The location of all Tree Protective Devices (TPDs) shown on this Plan, shall be flagged or staked in the field prior to the pre-construction meeting with the Forest Resources Unit of DER, and the Sediment and Erosion Control Inspector from DER. Upon approval of the flagged or staked TPD locations by the Forest Resources Unit, installation of the TPD's 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.
- Since work on this project will be initiated in several phases, all TPD's required for a given phase shall be installed prior to any disturbance within that phase of work.
- All field personnel, including equipment operators and supervisors, who might work or direct work in the vicinity of protected trees, are to be instructed in techniques for avoiding damage to these trees.
- The layout of the construction site shall provide for a special market area for fueling, oil changing and equipment maintenance, employee parking and for materials storage and stockpiling. These areas shall be located as to prevent the deposit of silt or the washing or leaking of petroleum products or other harmful substances into the tree-dwelling areas.
- The use of signs visible to the public and to employees indicating the use of tree conservation practices, both on the construction site and at entrances to the site, is strongly encouraged.
- Prior to any construction activity on-site, the identified trees and tree areas within the conservation area, which are to remain undisturbed shall be enclosed with a tree protective device as shown on the plan. The fenced areas shall be regarded as off limits for construction activities.
- The contractor shall diligently undertake to prevent the removal of or damage to any tree which is designated for preservation. Damage or destruction of any such tree shall be the responsibility of the contractor whether caused by the contractor, his agents, employees, sub-contractors, or licensees. THE FOLLOWING, WHICH CAUSE DAMAGE AND DESTRUCTION TO TREES, ARE NOT ALLOWED WITHIN A TREE-DAVE AREA:
 - Storage or stockpiling of material and supplies in protected areas.
 - Felling trees into protected areas.
 - Placing backfill in protected areas.
 - Driving construction equipment into or through protected areas.
 - Depositing of refuse, construction debris, spill, petroleum products, vehicle or equipment waste water.
 - Dumping of limbs, stumps, and other cleaning debris.
 - Revising site grades which cause existing drainage patterns to change.
 - Conducting trenching operations within drip line of trees.
 - Grading within the drip line of trees.
 - Lighting of any fire, including smoking and burning fires, in or within close proximity of protected areas.
- THE CONTRACTOR SHALL INSURE THAT THE ABOVE PRACTICES DO NOT OCCUR.
- All trees which are not to be preserved are to be removed in a manner that will not damage those trees and/or plants which are to remain. Any trees that are to remain that have been damaged during the clearing operation must be repaired in an approved manner by a MARYLAND LICENSED ARBORIST (tree expert) as soon as final clearing has been completed.
 - Along the limit of disturbance, the contractor shall remove Virginia Pines that will not be expected to survive in healthy condition. This determination shall be made by the Professional Arborist. The contractor shall notify the engineer within one week after clearing operations are complete to provide direction.
 - Any trees inside the designated tree-dave areas that are effectively destroyed by construction activities should be left in place until their condition has been verified by the Arborist and grading inspector. The contractor shall replace said trees per the direction of the Arborist and grading inspector.
- Trees damaged unnecessarily shall be subject to mitigation at the rate of \$1.50 per square foot of the drip line or crown.
- Upon completion of construction, the following must be done:
 - Removal of protected trees destroyed or seriously injured as the result of construction activities.
 - Treatment of tree wounds and removal of broken branches of protected trees injured by construction activities.
 - Removal of all designation materials and temporary protective devices after approval by the Department of Environmental Resources of the condition of protected trees.
 - All surplus materials, trash, debris, and rubbish shall be removed from the site. All backfill shall be cleared of building material, stone, rubbish, and construction debris in general.



TREE PROTECTION AND SEDIMENT CONTROL (3)



TREE PROTECTION FENCING (1)



WOODLAND CONSERVATION WORKSHEET FOR NON-GOVERNMENTAL PROJECTS

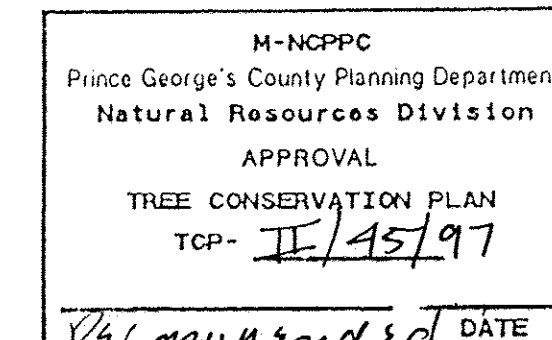
Zone:	RR	Owner:	JOHN & SUZANNE DAMADIO
Gross Tract:	5.8	Address:	3501 PATUXENT RESERVE LANE
Floodplain:	0.0		GAMERILLE, MD. 21044
Previously:		Phone:	301-858-0644
Dedicated Land:	0.0	Tax Map:	46 GRID E3 PARCEL 19
Net Tract:	5.8	Permit #:	
Subdivision/Block/Lot:			BOWIE MONTESSORI LEARNING CENTER

Woodland Conservation Calculations:	Net Tract (acres)	Floodplain (acres)
Existing Woodland	a. 5.8	k. 0.0
WCT (20% x Net tract):	b. 1.2	
Smaller of a. or b.	c. 1.2	
Woodland above WCT (a - b); 0 if < 0	d. 4.6	
Woodland Cleared	e. 2.8	l. 0.0
Smaller of d. or e.	f. 2.8	
Clearing below WCT (e - f); 0 if < 0	g. 0.0	
Replacement (f x 0.25)	h. 0.6	
(g x 2.0)	i. 0.0	
Afforestation: (if applicable) (net tract x .2 - a); or (net tract x .15 - a); 0 if < 0	j. 0.0	
Woodland Conservation Required: (c+h+i)+l-g	m. 1.8	
Woodland Conservation Provided:	(acres)	
Woodland Preservation	3.0	
Reforestation/Replacement	0.0	
Afforestation	0.0	
Area approved for fee-in-lieu	0.0	\$0.30 x 43560 = \$
Off-site Credits	N/A	
Woodland Conservation Provided (must equal or exceed item "m" above)	3.0	and \$
Additional woodland retained but not part of any requirements:	1.5	acres

Plan Certified by: Name: JAMES S. SIMPSON
Address: 4319 NORTHVIEW DRIVE
BOWIE, MD. 20716
License: QUALIFICATION PENDING

SITE DATA:

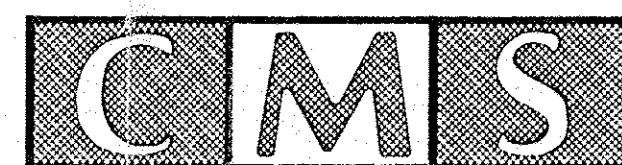
Gross site Lot 1	5.736	Ac ±
Area of dedication to public use	0.078	Ac ±
Disturbed area of Lot 1	2.80	Ac ±
Tree Preservation Area	3.0	Ac ±



In Approval KIF/NERD 1/3/97

M.N.C.P.P.C. APPROVALS			
PROJECT NAME: BOWIE MONTESSORI LEARNING CENTER			
PROJECT NUMBER: 97-97020			
For Conditions of Approval see Site Plan Cover Sheet or Approval Sheet The Revisions Listed Below Apply to this Sheet			
Approval or Revision #	Approval Date	Reviewer's Signature	Certification Date
97020	6/19/97	HA	7/11/97

DESIGNED: GDS	NO.	REVISIONS	BY	DATE
DRAFTED: JWB				
CHECKED: GDS				
PROJ. ENG: IRP				
DATE: MARCH 1997				



CENTRAL MARYLAND SURVEYORS, INC.
4319 NORTHVIEW DRIVE (301) 262-2500 FAX (301) 262-9878 BOWIE, MD 20716

TREE CONSERVATION PLAN - TYPE II
BOWIE MONTESSORI LEARNING CENTER
LOT 1
SEVENTH ELECTION DISTRICT
PRINCE GEORGE'S COUNTY, MARYLAND

SCALE:

1"=30'

SHEET NO:

2 OF 2

JOB NO:

0075-96