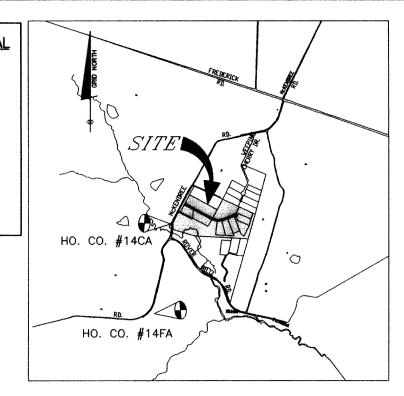


BENCHMARKS NAD'83 HORIZONTAL

STAMPED BRASS DISK SET ON TOP OF CONCRETE BASE. I 595829.611' E 1310622.17'

ELEVATION: 560.299'

STAMPED BRASS DISK SET ON TOP OF CONCRETE BASE N 597624.973' E 1311015.48'



VICINITY MAP SCALE: 1" = 2000'

	SHEET INDEX					
NO.	NO. DESCRIPTION					
1	PRELIMINARY PLAN TITLE SHEET					
2	PRELIMINARY PLAN					
3	PRELIMINARY GRADING, SEDIMENT AND EROSION CONTROL PLAN					
4	PRELIMINARY LANDSCAPE PLAN					
5	PRELIMINARY FOREST CONSERVATION PLAN					
6	PERCOLATION CERTIFICATION PLAN					

SITE ANALYSIS DATA CHART

GENERAL SITE DATA	
1.) PRESENT ZONING:	RC-DEO
2.) APPLICABLE DPZ FILE REFERENCES:	WP-05-112, F-79-6
3.) PROPOSED USE OF SITE:	RESIDENTIAL
4.) PROPOSED WATER AND SEWER SYSTEMS:	(SFD) PRIVATE

AREA TABULATION

1.) GROSS TRACT AREA ____ __ 21.83 AC.± 2.) AREA WITHIN 100-YEAR FLOODPLAIN______ 2.64 AC.± 4.) NET TRACT AREA _________19.19 AC.±

5.) TOTAL NUMBER OF LOTS ALLOWED PER ZONING 1 UNIT PER 4.25 GROSS ACRES

1 UNIT PER 2 NET ACRES (MAX) _____9 6.) TOTAL NUMBER OF RESIDENTIAL UNITS/LOTS

PROPOSED ON THIS SUBMISSION___

8.) AREA OF NON-BUILDABLE PRESERVATION PARCELS_8.79 AC± PARCEL 'B' AND 'C' 9.) AREA OF BUILDABLE PRESERVATION PARCELS_______3.31 AC± PARCEL 'A'

10.) AREA OF NON-BUILDABLE SWMF PARCEL _____N/A

11.) AREA OF NON-BUILDABLE BULK PARCELS_____N/A

12.) AREA OF BUILDABLE BULK PARCELS_____N/A

13.) AREA OF ROAD RIGHT-OF-WAY ______1.33 AC.±

14.) OPEN SPACE ON-TOTAL SITE _____N/A

15.) AREA OF RECREATIONAL OPEN SPACE REQUIRED____N/A

VOLUME REQUIRED WATER QUALITY VOLUME PROVIDED IN THE ROADSIDE SWALES

DRAINAGE AREA — B VOLUME REQUIRED WATER QUALITY VOLUME (WQv) RECHARGE VOLUME N/A PROVIDED IN THE EXTENDED DETENTION FACILITY

DRAINAGE AREA - C

REQUIREMENT	VOLUME REQUIRED	NOTES		
WATER QUALITY VOLUME (WQV)	0.0122ac-ft (531cf)	PROVIDED IN THE EXTENDED DETENTION FACILITY		
RECHARGE VOLUME (REV)	0.03acres (138cf)	PROVIDED IN THE ROADSIDE SWALES		
CHANNEL PROTECTION VOL.	N/A	PROVIDED IN THE EXTENDED DETENTION FACILITY		

NON-STRUCTURAL GROUND WATER RECHARGE PROVISIONS SUMMARY TABLE

REV (PROVIDED) REV (REQUIRED) METHOD GRASSED SWALES 2.19 AC. NOTE: GROUND WATER RECHARGE VOLUME FULLY ADDRESSED WITH THE GRASSED SWALES.

SWM FACILITY SUMMARY

		STORAGE VOLU	ME/ELEVATIONS
FACILITY	TYPE	WQv	CP∨
SWMF #1	MICRO-POOL EXTENDED DETENTION	0.40 AC-FT	0.53 AC-FT
	CPV ELEVATION TOTAL PROVIDED	512.3 AC-FT	513.7 AC-FT
CPv Al	WMF #1 MICRO-POOL EXTENDED DETENTION 0.40 AC-FT 0.53 AC-FT		

1-YEAR STORM SUMMARY TABLE

DRAINAGE AREA	EXISTING	PROPOSED w/out SWM	NOTES
٨	4.54 CFS	8.50 CFS	DEVELOPED DISCHARGE SHALL BE EQUAL TO OR LESS THAN EXISTING DISCHARGE. THIS WILL BE ACHIEVED VIA ROUTING THE FACILITIES AT FINAL DESIGN.
В	0.18 CFS	0.08 CFS	DEVELOPED DISCHARGE IS LESS THAN EXISTING DISCHARGE.
С	0.04 CFS	0.04 CFS	DEVELOPED DISCHARGE IS EQUAL TO EXISTING DISCHARGE

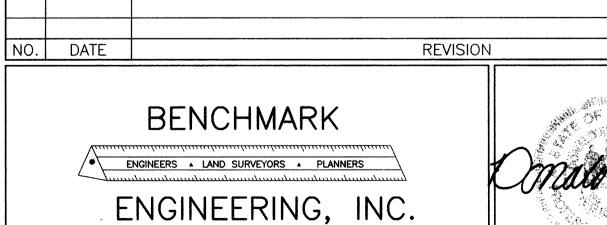
* SWMF WILL BE DESIGNED TO MAINTAIN THE DEVELOPED DISCHARGE AT OR BELOW THE

EXISTING DISCHARGE FOR THE SITE

CURVE TABLE							
STREET NAME	STATION	RADIUS	ARC	DELTA	TANGENT	COURSE	
MEADOW TRAIL LANE	2+36.61 TO 3+36.97	500	100.4	11*30'01"	50.35	N55*58'32"W	100.19
MEADOW TRAIL LANE	3+36.77 TO 4+39.94	500	102.9	11°46'54"	51.67	S56°07'14"E	102.78
MEADOW TRAIL LANE	7+65.19 TO 8+67.94	120	102.8	49'03'34"	54.76'	S86'14'01"E	99.64
MEADOW TRAIL LANE	10+95 TO 12+00.70	140	105.7	43'15'25"	55.5'	N89*08'05"W	103.20

	BOUNDARY COORDINATES					
No.	NORTH	EAST				
1	N 597,932.89	E 1,311,261.65				
2	N 597,622.40	E 1,311,838.38				
3	N 597,856.42	E 1,312,387.37				
4	N 597,703.33	E 1,312,721.70				
5	N 597,185.83	E 1,312,576.45				
6	N 597,246.48	E 1,311,470.73				
7	N 597,389.29	E 1,310,966.78				
8	N 597,436.42	E 1,310,932.39				
9	N 597,784.55	E 1,311,115.29				
10	N 597,756.77	E 1,311,166.88				
11	N 598,011.85	E 1,312,047.93				

DENSITY EXCHANGE CHART					
GROSS AREA	21.83 AC.±				
100-YEAR FLOODPLAIN AREA & STEEP SLOPES	2.64 AC.±				
NET TRACT AREA	19.19 AC.±				
DWELLING UNITS ALLOWED (as matter of right)	21.83 AC.± 1 DU per 4.25 GROSS ACRES = 5				
MAXIMUM DWELLING UNITS ALLOWED W/ DEO's	19.19 AC.± 49 1 DU per 2.00 NET ACRES = 9				
PROPOSED DWELLING UNITS	9				
NUMBER OF DEO UNITS TO BE RECEIVED	9 - 5 (base density) = 4				
SENDING PARCEL INFORMATION	DEO's PROPERTY OF TAX MAP GRID PARCEL L. F.				



DESIGN: MAN DRAFT: MAN/EDD CHECK: DAM SCALE:

OWNER:

8480 BALTIMORE NATIONAL PIKE . SUITE 418 . ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 FAX: 410-465-6644



WNER:	PROJECT: McKENDREE VIEW LOTS 1-8 AND BUILDABLE PRESERVATION PARCEL 'A' AND NON-BUILDABLE PARCEL 'B' AND 'C'
C. EDGAR PUGH, JR. 2289 McKENDREE ROAD WEST FRIENDSHIP, MD 21794	LOCATION: TAX MAP NO. 14-15 - PARCEL 54 GRIDS - 6,12 AND 1,7 3rd AND 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
,	TITLE: PRELIMINARY EQUIVALENT SKETCH PLA

PRELIMINARY EQUIVALENT SKETCH PLAN TITLE SHEET PROJECT NO. 1777

DRAWING 1 OF 6

P:\1777 McKENDREE VIEW\dwg\4009s01.dwg, Sheet 1

PLANNING DIRECTOR

TENTATIVELY APPROVED

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY

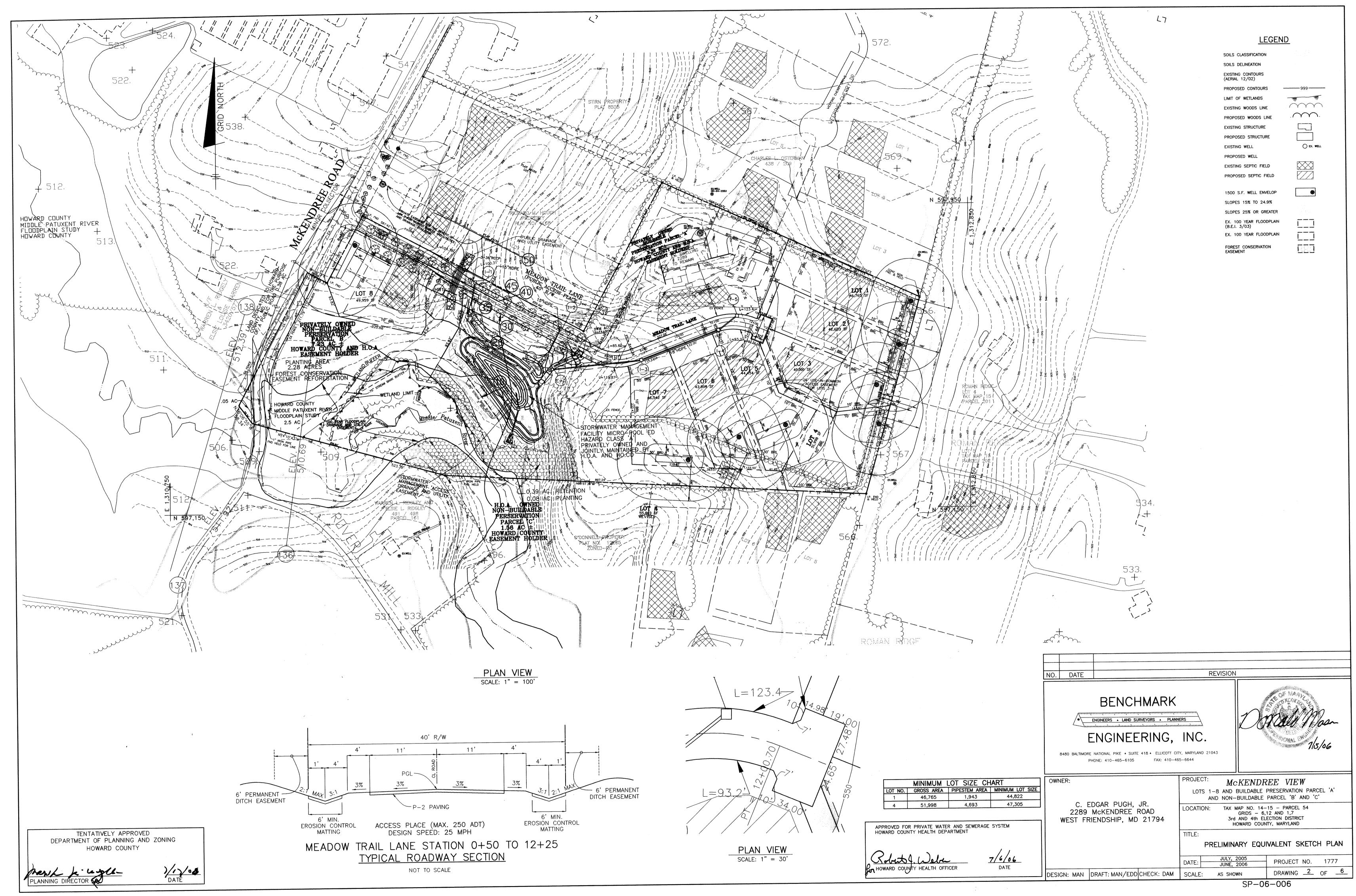
APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM

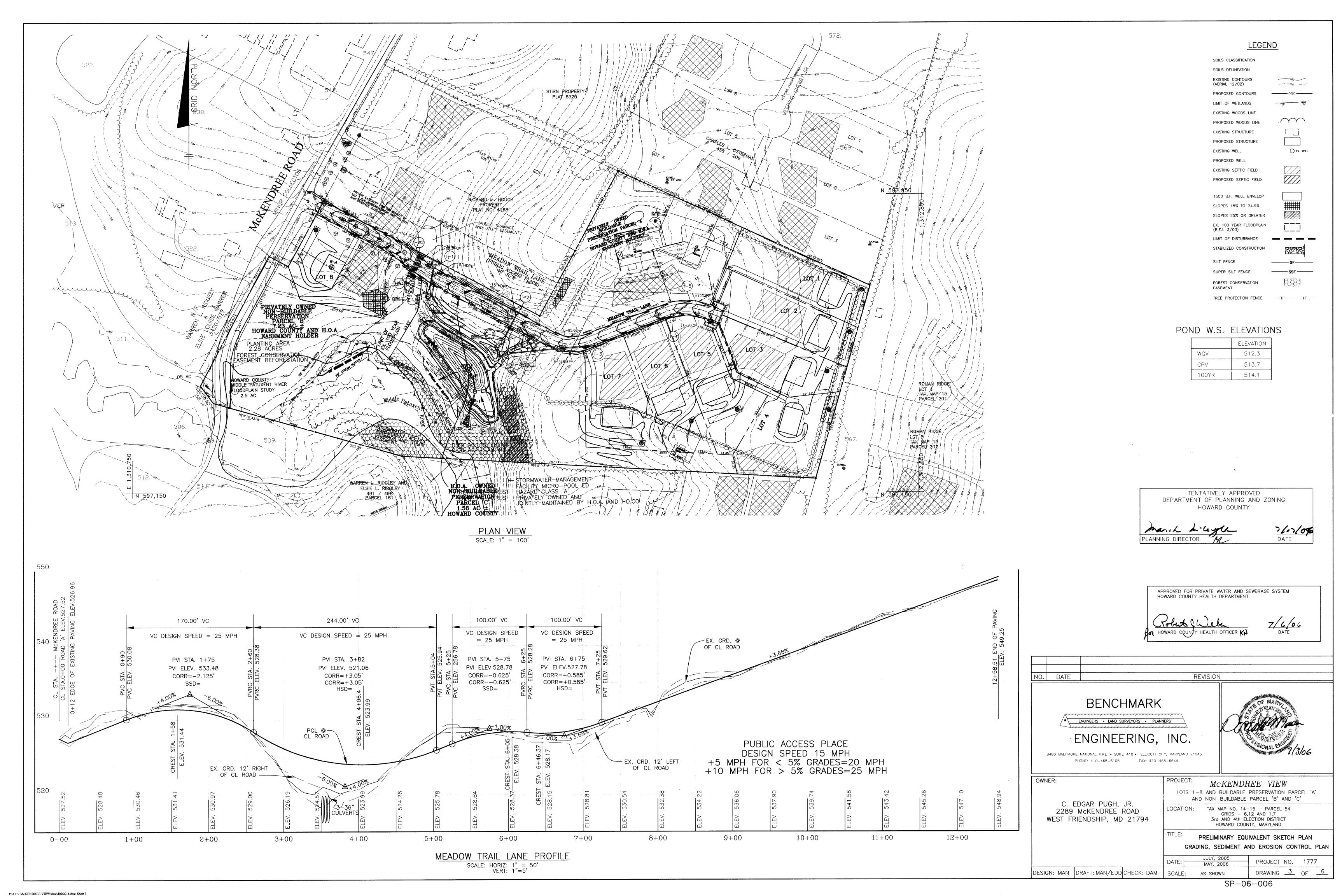
HOWARD COUNTY HEALTH DEPARTMENT

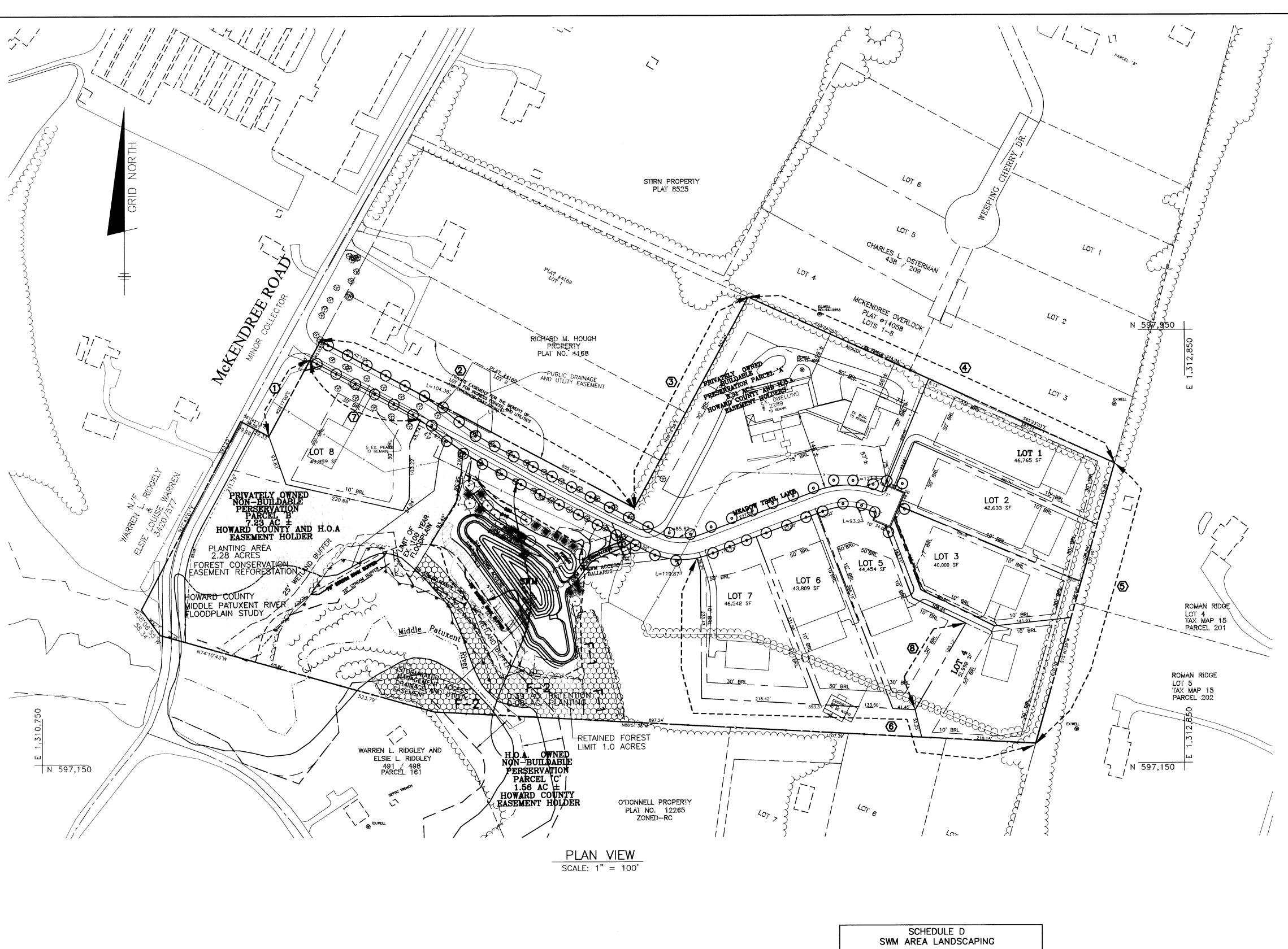
HOWARD COUNTY HEALTH OFFICER 💫

SP-06-006

AS SHOWN







SC PERIMETER	CHEDULI LANDS	E A SCAPE	EDGE					
CATEGORY	ADJACENT TO ROADWAYS		AD PERIME	JACENT TER PROF	TO PERTIES		LOT ADJACENT TO ROADWAYS	LOT TO LOT BUFFER
LANDSCAPE BUFFER TYPE	1	2	(3) A	(4) A	(5) A	6 A	₹ 8	(8) B
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	135	655	442	741	537	915	135	185
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	NO	NO	NO	NO	241	NO
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	NO	NO	NO	NO	YES 5 PEARS	NO
NUMBER OF PLANTS REQUIRED SHADE TREES EVERGREEN TREES OTHER TREES (2:1 SUBSTITUTE) SHRUBS	_ 	11 - -	8 - -	12 - -	9 –	15 - -	0 6 -	4 5
NUMBER OF PLANTS PROVIDED		44		40		4.5		_

SHADE TREES

BELOW IF NEEDED)

* EXISTING VEGETATION TO REMAIN

EVERGREEN TREES

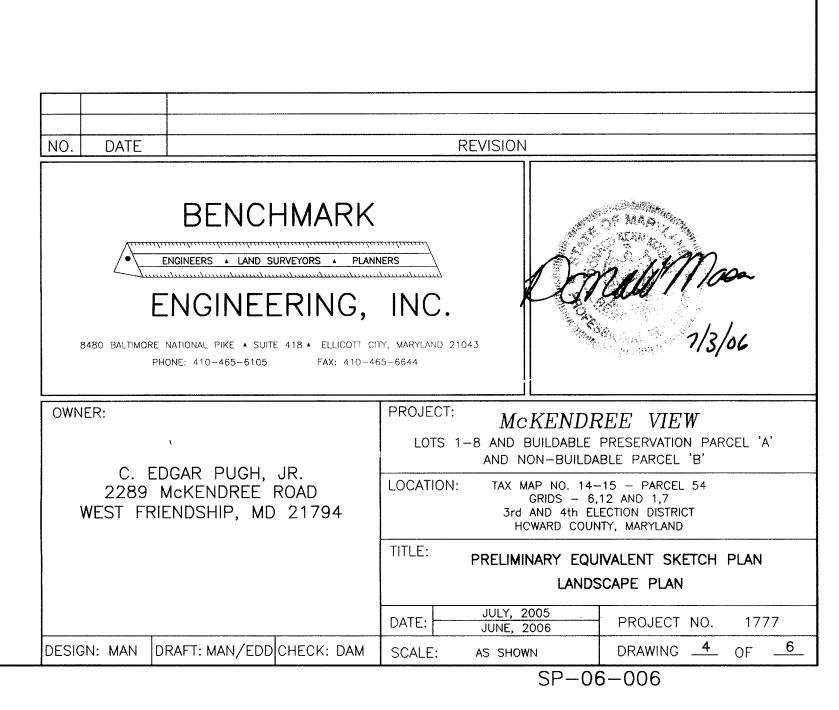
(DESCRIBE PLANT SUBSTITUTION CREDITS

OTHER TREES (2:1 SUBSTITUTE) SHRUBS (10:1 SUBSTITUTE)

THIS PLAN IS	IN COMPLIANCE	WITH SECTION	16.124 OF
THE HOWARD	COUNTY CODE	AND THE LANDS	SCAPE MANUAL.

SCHEDULE D SWM AREA LANDSCAPING	;
	FACILITY 1
LINEAR FEET OF PERIMETER	1,026'
LINEAR FEET OF EXISTING WOODS LINE	502'
BUFFER TYPE	"B"
CREDIT FOR EXISTING VEGETATION (NO, YES AND %)	YES, 49% 524'
CREDIT FOR OTHER LANDSCAPING (NO, YES AND %) NUMBER OF TREES REQUIRED	NO
SHADE TREES (1:50) EVERGREEN TREES (1:40)	10 13
NUMBER OF TREES PROVIDED SHADE TREES EVERGREEN TREES	10 13

STREET TREE SCHEDULE					
ROAD NAME	PERIMETER	TREES REQ.			
ROAD A	2521'	63			



LEGEND

LANDSCAPE PERIMETER DESIGNATION

O O STREET TREES

2406' CREDIT LANDSCAPE CREDIT PERIMETER

LIMIT OF 100-YR FLOODPLAIN

NATURAL AREA CONSERVATION CREDIT EASEMENT

FOREST CONSERVATION EASEMENT

FOREST CONSERVATION EASEMENT

PLANNING DIRECTOR

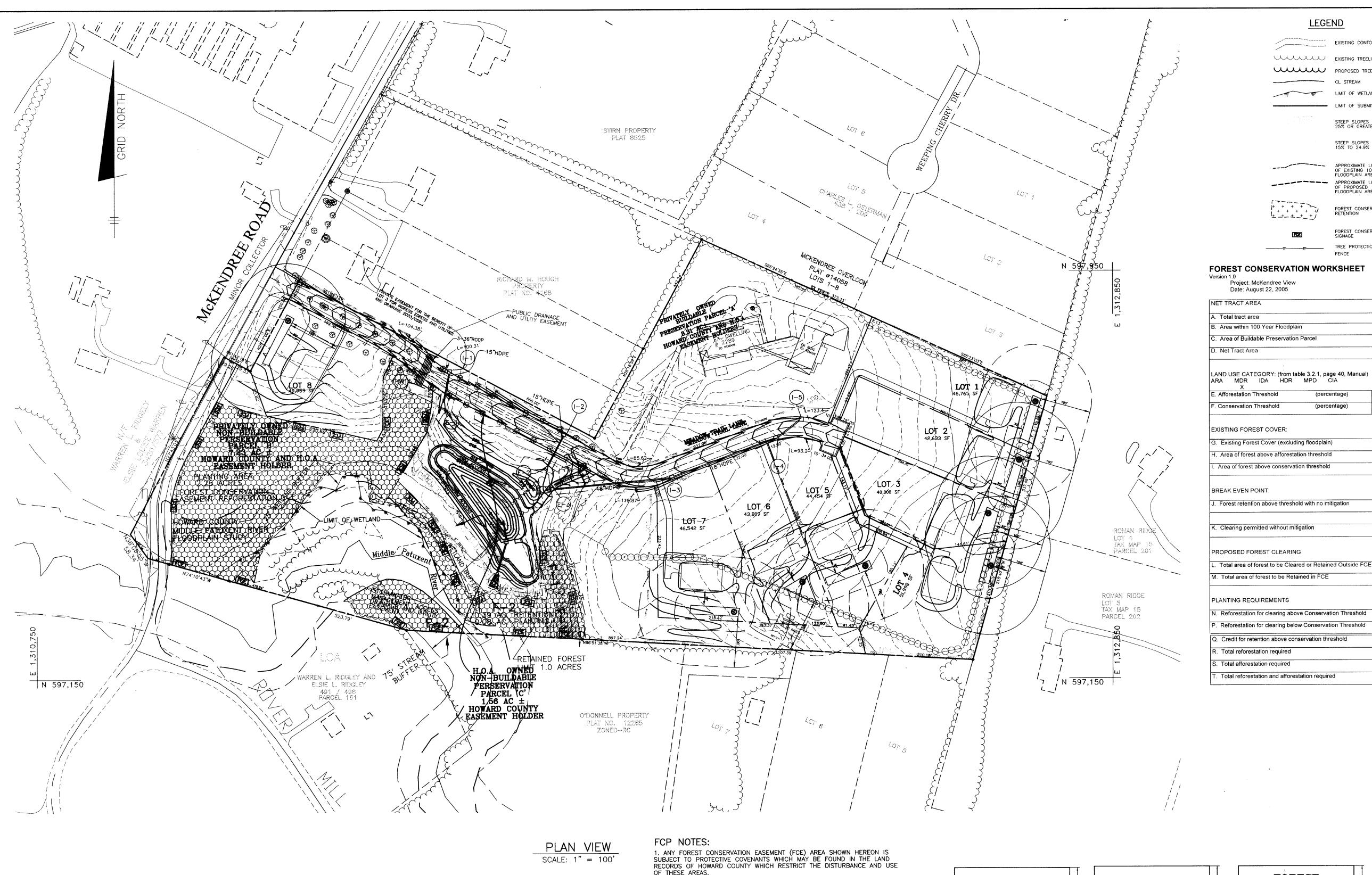
APPROVED: FOR PRIVATE WATER AND SEWER SYSTEMS

TENTATIVELY APPROVED

DEPARTMENT OF PLANNING AND ZONING

HOWARD COUNTY

HOWARD COUNTY HEALTH DEPARTMENT



McKENDREE VIEW SITE DATA GROSS AREA: EX. LOTS/UNFORESTED PRESERVATION PARCEL/FLOODPLAIN: NET TRACT AREA (NTA): EXISTING FOREST ON NTA: REFORESTATION THRESHOLD: FOREST TO BE CLEARED: FOREST TO BE RETAINED (NTA): REFORESTATION REQUIRED: REFORESTATION PROPOSED: **Forest Stand Data**

Acreage Prunus serotina, Quercus palustris, Quercus velutina, Acer rubrum, Rosa Acer rubrum, Fraxinus pennsylvanica Salix nigra, Nyssa sylvatica, wetlands/ buffers

See accompanying report for complete stand descriptions

FSD NOTES:

2.64

15.88

4.0

2.1

2.3

Break-Even Poin

- No rare, threatened or endangered species were observed on the property.
- 2. Surrounding land use is primarily low

System A

Wetland Data ACREAGE **VEGETATION** PEM1A/PFO1A/ Acer rubrum, Fraxinus pennsylvanica, Salix nigra, Impatiens capensis, Symplocarpus foetidus, Boehmeria cylindrica, Cinna

Pasture Lawn F1 F2

PLANTING SCHEDULE

FCE PLANTING AREA - 2.3 acres
Planting units Required: 1610 Planting units Provided: 1611

Qty	Species	Size	Spacing	Total FCA Units	
8	Acer rubrum - Red maple	1" cal.	15' o.c.		
6	Liriodendron tulipifera - Tulip poplar **	1" cal.	15' o.c.		
6	Platanus occidentalis - Sycamore	1" cal.	15' o.c.		
6	Quercus alba - White oak **	1" cal.	15' o.c.		
26		otal 1" caliper trees x 3.5 un	its/tree= FCA unit credit		91
150	Acer rubrum - Red maple	2-3' whip	11' o.c.		
40	Diospyros virginiana - Persimmon **	2-3' whip	11' o.c.		
150	Liriodendron tulipifera - Tulip poplar **	2-3' whip	11' o.c.		
85	Nyssa sylvatica - Black gum	2-3' whip	11' o.c.		
75	Platanus occidentalis - Sycamore	2-3' whip	11' o.c.		
100	Prunus serotina - Black cherry **	2-3' whip	11' o.c.		
60	Quercus alba - White oak	2-3' whip	11' o.c.		
35	Ulmus rubra - Slippery Elm	2-3' whip	11' o.c.		_
65	Viburnum prunifolium - Blackhaw **	2-3' whip	11' o.c.		
760		Total whip plantings x 2 unit	s /tree = FCA unit credit	15:	20
	<u> </u>	Tatal I Init Condit		16	44

PLANTING NOTES:

. PLANTING DENSITY BASED ON 700 PLANTING UNITS PER ACRE. 2" CALIPER TREES = 7 PLANTING UNITS, 1" CALIPER TREES = 3.5 PLANTING UNITS, WHIPS WITH SHELTER = 2 PLANTING UNITS.

- 2. ** THESE SPECIES SHOULD NOT BE PLANTED WITHIN THE WETLAND LIMITS.
- 1" CALIPER TREES SHOULD BE STAGGERED ALONG THE OUTER PERIMETER OF THE PLANTING AREA TO SERVE AS DEMARCATION OF THE BOUNDARY. THE TREES SHOULD BE NO CLOSER THAN 15
- 4. PLANTING SHALL BE MADE IN A CURVILINEAR FASHION ALONG CONTOUR. THE PLANTING SHOULD AVOID A GRID APPEARANCE BUT SHOULD BE SPACED TO FACILITATE MAINTENANCE
- MULTIFLORA ROSE/HEAVY BRUSH REMOVAL/CONTROL MAY BE REQUIRED PRIOR TO INSTALLATION OF PLANTING.
- 6. ALL WHIPS ARE REQUIRED TO BE INSTALLED WITH TREE SHELTERS PER HOWARD COUNTY FCA REQUIREMENTS.

. THE FOREST CONSERVATION EASEMENTS HAVE BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE, FOREST CONSERVATION ACT. NO CLEARING, GRADING, OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENTS; HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED

3. LIMITS OF DISTURBANCE SHALL BE RESTRICTED TO AREAS OUTSIDE THE LIMIT OF TEMPORARY FENCING OR THE FCE BOUNDARY, WHICHEVER IS GREATER. 4. THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION OR DISTURBANCE OF VEGETATION IN THE FOREST CONSERVATION EASEMENT, EXCEPT AS PERMITTED BY HOWARD COUNTY DPZ.

6. TEMPORARY FENCING SHALL BE USED TO PROTECT FOREST RESOURCES DURING CONSTRUCTION. THE FENCING SHALL BE PLACED ALONG ALL FCE BOUNDARIES WHICH OCCUR WITHIN 15 FEET OF THE PROPOSED LIMITS OF

7. PERMANENT SIGNAGE SHALL BE PLACED 50-100' APART ALONG THE BOUNDARIES OF ALL AREAS INCLUDED IN FOREST CONSERVATION EASEMENTS.

AND 0.2 ACRES OF ONSITE REFORESTATION

FLOODPLAIN NOTE:

PORTIONS OF THE SITE OCCURRING WITHIN THE 100-YEAR FLOODPLAIN OF FLOODPLAIN FOREST OCCURRING WITHIN THE LIMITS OF A FOREST CONSERVATION EASEMENT WILL BE PROTECTED BY THE EASEMENT RESTRICTIONS BUT HAVE NOT BEEN CREDITED TOWARD THE PROJECTS FCA OBLIGATIONS.

SPECIMEN TREE

DO NOT REMOVE MACHINERY, DUMPING

OR STORAGE OF any materials is PROHIBITED VIOLATORS ARE SUBJECT TO FINES AS IMPOSED BY THE HOWARD COUNTY FOREST CONSERVATION ACT

OF 1992

FOREST RETENTION AREA MACHINERY, DUMPING OR STORAGE OF

ANY MATERIALS IS **PROHIBITED** VIOLATORS ARE SUBJECT TO FINES AS IMPOSED BY THE HOWARD COUNTY

FOREST CONSERVATION ACT OF 1992

LEGEND

EXISTING TREELINE

PROPOSED TREELINE

LIMIT OF WETLANDS

STEEP SLOPES 15% TO 24.9%

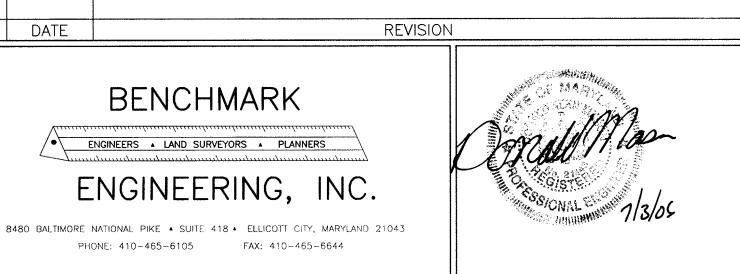
FOREST CONSERVATION

FOREST CONSERVATION SIGNAGE

TREE PROTECTION

OWNER:

NO. DATE



C. EDGAR PUGH, JR. 2289 McKENDREE ROAD WEST FRIENDSHIP, MD 21794

PROJECT: McKENDREE VIEW LOTS 1-8 AND BUILDABLE PRESERVATION PARCEL 'A' AND NON-BUILDABLE PARCEL 'B' AND 'C' LOCATION: TAX MAP NO. 14-15 - PARCEL 54 GRIDS - 6,12 AND 1,7

3rd AND 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND PRELIMINARY FOREST CONSERVATION PLAN

PROJECT NO. 1777 DRAWING $\frac{5}{0}$ OF $\frac{6}{1}$

CONSULTING P.O. Box 5006 Glen Arm, MD 21057 (410) 592-6752

Forest

Conservation Area

AFFORESTATION

PROJECT

Trees for Your

Future

Eco-Science

Professionals, Inc.

SP-06-006

MAP SYMBOL SOIL GROUP

* INDICATES HYDRIC SOILS

CgC2

ChB2

ChC2

EkC2

*GnB2

P:\1777 McKENDREE VIEW\dwg\4052s6.dwg, LAYOUT1

ChA

DESIGN: MAN DRAFT: MAN

SOILS LEGEND

CHESTER SILT LOAM, 0 TO 3 PERCENT SLOPES

GLENVILLE SILT LOAM, 0 TO 3 PERCENT SLOPES

MANOR VERY STONY LOAM, 25 TO 60 PERCENT SLOPES

MANOR LOAM, 25 TO 45 PERCENT SLOPES

BAILE SILT LOAM

HATBORO SILT LOAM

TENTATIVELY APPROVED

DEPARTMENT OF PLANNING AND ZONING

HOWARD COUNTY

TAKEN FROM SOILS SURVEY, ISSUED JULY 1968, MAP NO. 7

SOIL TYPE

CHESTER GRAVELLY SILT LOAM, 8 TO 15 PERCENT MODERATELY ERODED

CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED

ELIOAK SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED

ELIOAK SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED

GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED

GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED

CHESTER SILT LOAM, 3 TO 8 PERCENT, MODERATELY REODED

CHESTER GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES MODERATELY ERODED

7/6/06

APPROVED: FOR PRIVATE WATER AND SEWER SYSTEMS

HOWARD COUNTY HEALTH DEPARTMENT

5. NO STOCKPILES, PARKING AREAS, EQUIPMENT CLEANING AREAS, ETC. SHALL OCCUR WITHIN AREAS DESIGNATED AS FOREST CONSERVATION EASEMENTS.

8. THE FOREST CONSERVATION OBLIGATION FOR THIS PROJECT WILL BE MET THROUGH THE RETENTION OF 1.0 ACRE OF NET TRACT AREA FOREST, 2.1 ACRES OF ONSITE AFFORESTATION

ARE NOT INCLUDED AS PART OF THE NET TRACT AREA OF THE SITE. AREAS

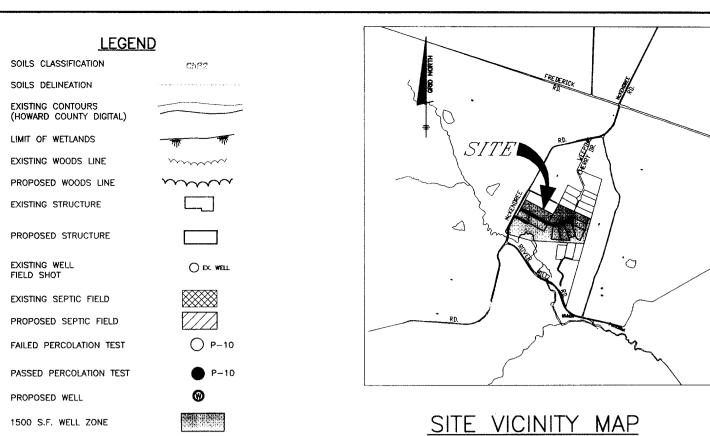
USACOE Wetland Delineator Certification # WDCP93MD0610044B2 John P. Canoles

MD DNR Qualified Professional

CHECK: DAM



P:\1777 McKENDREE VIEW\dwg\1011.dwg, PERC CERT



GENERAL NOTES

- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- 2.) THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 S.F. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE FASEMENT. RECORDATION OF A MODIFIED SEWERAGE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE REQUIRED.
- 3.) TOPOGRAPHY SHOWN HEREON IS BASED ON G.I.S. DIGITAL PURCHASED FROM HOWARD COUNTY.
- 4.) THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
- 5.) WELLS SHALL BE DRILLED PRIOR TO RECORD PLAT SUBMITTAL FOR SIGNATURE. IT IS THE DEVELOPERS RESPONSIBILITY TO DRILL THE WELLS. IT WILL NOT BE CONSIDERED TO BE GOVERNMENTAL DELAY IF THE WELLS ARE NOT COMPLETED PRIOR TO THE SUBMISSION'S MILESTONE DATE.

TENTATIVELY APPROVED DEPT. OF PLANNING AND ZONING OF HOWARD COUNTY

SCALE: 1" = 2000'

PLANNING DIRECTORM DATE

MAP SYMBOL	SOIL GROUP	SOIL TYPE	
Ba	D	BAILE SILT LOAM	
CgB2	В	CHESTER GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES MODERATELY ERODE	
CgC2	В	CHESTER GRAVELLY SILT LOAM, 8 TO 15 PERCENT MODERATELY ERODED	
ChA	В	CHESTER SILT LOAM, 0 TO 3 PERCENT SLOPES	
ChB2	В	CHESTER SILT LOAM, 3 TO 8 PERCENT, MODERATELY REODED	
ChC2	В	CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	
EkB2	В	ELIOAK SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	
EkC2	С	ELIOAK SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	
GIC2	В	GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	
*GnA	С	GLENVILLE SILT LOAM, O TO 3 PERCENT SLOPES	
*GnB2	С	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	
На	D	HATBORO SILT LOAM	
MIE	В	MANOR LOAM, 25 TO 45 PERCENT SLOPES	
MnF	В	MANOR VERY STONY LOAM, 25 TO 60 PERCENT SLOPES	

TAKEN FROM SOILS SURVEY, ISSUED JULY 1968, MAP NO. 7

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF. DONALD MASON P.E. NO. 21443

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM HOWARD COUNTY HEALTH DEPARTMENT

A HOWARD COUNTY HEALTH OFFICER KN

7/4/06

NO. DATE REVISION BENCHMARK

ENGINEERS A LAND SURVEYORS A PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE A SUITE 418 A ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 FAX: 410-465-6644

C. EDGAR PUGH, JR. 2289 McKENDREE ROAD WEST FRIENDSHIP, MD 21794 PROJECT: McKENDREE VIEW LOTS 1-8 AND BUILDABLE PRESERVATION PARCEL 'A' AND NON-BUILDABLE PARCEL 'B' AND 'C'

LOCATION: TAX MAP NO. 41-42 - PARCEL 54 GRIDS — 1, 6, 7 AND 12
4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

PERCOLATION CERTIFICATION PLAN

PROJECT NO. 1777 DRAWING 6 OF 6 Draft: Design: DAM SCALE: AS SHOWN