

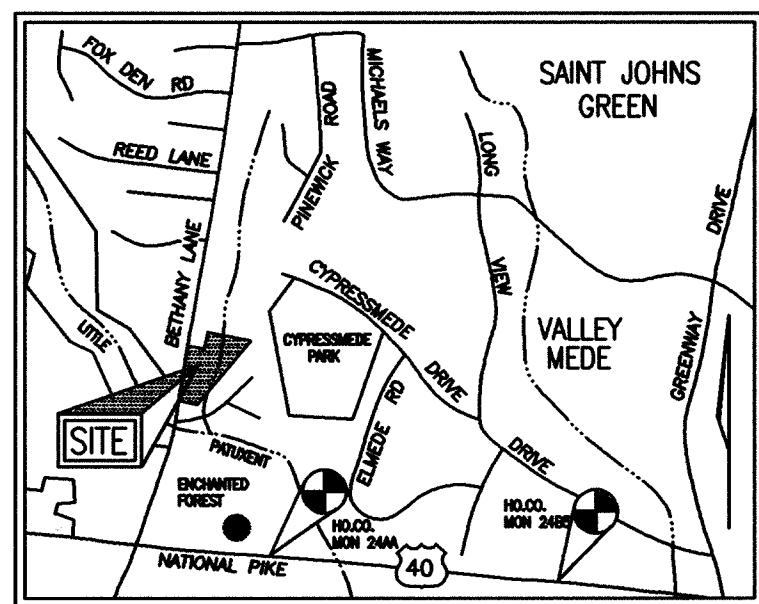
SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	TYPE
Co	CORDERUS SILT LOAM	C
GnB2	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	C
GB2	GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B
GIC2	GLENELG LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	B
MIC2	MANOR LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B
MIC3	MANOR LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	B

NOTE: HOWARD SOIL SURVEY, MAP NUMBER 15

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Cindy Hamstra 7/25/10
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

Walter D. Williams 7/26/10
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE



VICINITY MAP
 SCALE: 1" = 2000'

NET TRACT AREA:	AREA
A. Total tract area	8.01 Ac.±
B. Area within 100 year floodplain	0.83 Ac.±
C. Area to remain in agricultural production	0.37 Ac.±
D. Net tract area	6.81 Ac.±

LAND USE CATEGORY: (From Table 3.2.1., Page 40, Manual)
 Input the number "1" under the appropriate land use zoning, and limit to only one entry.

ARA	MDR	IDA	HDR	MPD	CIA
0	0	0	0	0	0

E. Afforestation Threshold 15% x D = 1.02 Ac.±
 F. Conservation Threshold 20% x D = 1.36 Ac.±

EXISTING FOREST COVER:

G. Existing forest cover (excluding floodplain)	5.76 Ac.±
H. Area of forest above afforestation threshold	4.76 Ac.±
I. Area of forest above conservation threshold	4.48 Ac.±

BREAK EVEN POINT:

J. Forest retention above threshold with no mitigation	2.26 Ac.±
K. Clearing permitted without mitigation	3.53 Ac.±

PROPOSED FOREST CLEARING:

L. Total area of forest to be cleared	3.25 Ac.±
M. Total area of forest to be retained	2.53 Ac.±

PLANTING REQUIREMENTS

N. Reforestation for clearing below conservation threshold	0.81 Ac.±
O. Reforestation for clearing above conservation threshold	0.00 Ac.±
P. Credit for retention above conservation threshold	1.17 Ac.±
Q. Total reforestation required	0.00 Ac.±
R. Total afforestation required	0.00 Ac.±
S. Total reforestation and afforestation required	0.00 Ac.±

FOREST STAND AREA TABULATION

FS1	4.29 Ac.±
FS2	0.80 Ac.±
FS3	0.96 Ac.±
FS4	0.85 Ac.±
OA1	0.71 Ac.±

SPECIMEN TREE LIST

SPECIES	DIAMETER
1 Quercus rubra (Red Oak)	32"
2 Quercus alba (White Oak)	54"
3 Juglans nigra (Black Walnut)	30"
4 Liriodendron tulipifera (Yellow Poplar)	48"

NOTES

1. THE PROPERTY OUTLINE IS BASED ON A FIELD RUN BOUNDARY SURVEY PERFORMED BY VOGEL AND ASSOCIATES, INC. IN APRIL, 1999.
2. THE EXISTING FEATURES AND CONTOURS SHOWN HEREON ARE BASED ON FIELD RUN TOPOGRAPHY PERFORMED BY VOGEL AND ASSOCIATES IN APRIL, 1999.
3. FOREST CONSERVATION REQUIREMENTS PER SECTION 16.1002 OF THE HOWARD COUNTY CODE, FOREST CONSERVATION ACT. FOR THIS SUBDIVISION HAVE BEEN FULFILLED THROUGH THE FOREST DETENTION CREDIT OF 0.21 ACRES WITHIN OPEN SPACE LOT 5 AND 2.32 ACRES WITHIN LOT 4 FOR A TOTAL OF 2.53 ACRES.
4. RETENTION ON LOT 4 BASED ON DPZ POLICY OF MAY 11, 1999 ALLOWING RESIDENTIAL FOREST CREDIT RETENTION ON LOTS GREATER THAN 60,000 SQ. FT. NO Forest Conservation Easement will be recorded on Lot 4.

OWNER
 MICHAEL FRAU
 8212 DEVON DRIVE
 COLUMBIA, MD 21044

CHILDS PROPERTY
 LOTS 1 - 5
 FOREST STAND DELINEATION AND
 FOREST CONSERVATION PLAN

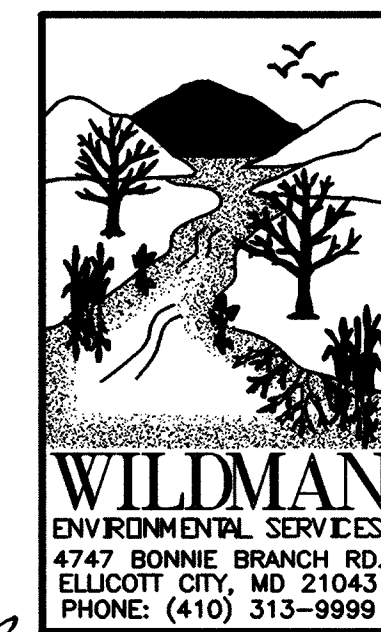
TAX MAP #17 REF.: 2ND ELECTION DISTRICT
 PARCEL 138 DEED REF.: L.387 / F.334 HOWARD COUNTY, MARYLAND

VOGEL & ASSOCIATES, INC.

ENGINEERS - SURVEYORS - PLANNERS

3691 PARK AVENUE, SUITE 101
 ELLICOTT CITY, MARYLAND 21043

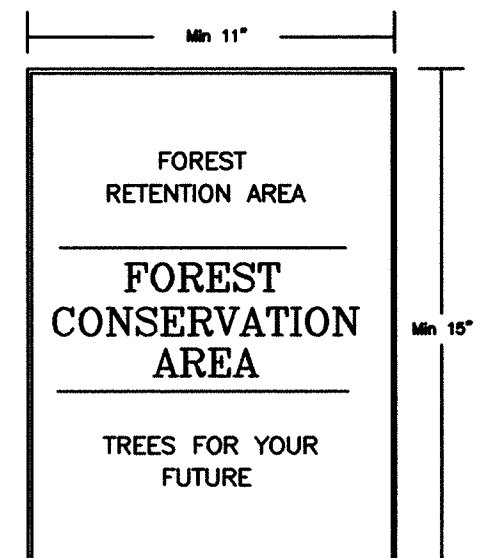
TELEPHONE: (410) 461-5828
 FAX: (410) 465-3968



DESIGN BY: _____
 DRAWN BY: _____
 CHECKED BY: R.H.V.
 DATE: JULY 10, 2000
 SCALE: 1" = 50'
 W.O. NO.: _____

LEGEND

	EXISTING WATER
	SOILS DIVISION LINE
	SOIL TYPE (SEE TABLE THIS SHEET)
	PROPOSED CONTOUR
	EXISTING CONTOUR
	EXISTING TREELINE
	PROPOSED TREE (RED MAPLE)
	PROPERTY EVIDENCE
	PROPERTY LINE
	EXISTING TREE
	FOREST STAND LINE
	AREA OF 25 PERCENT OR MORE SLOPES
	AREA OF 15 TO 24.9 PERCENT SLOPES
	100 YEAR FLOODPLAIN (0.8313 AC±)
	FOREST CONSERVATION EASEMENT



SIGNAGE DETAIL
 NOT TO SCALE

▲ INDICATES SIGNAGE PLACEMENT

