

LEGEND

- RETENTION AREA (Hatched pattern)
- SOILS LINE (Dashed line)
- SOILS SYMBOL (EK B2)
- SPECIMEN TREES (Circle with '5')
- FOREST (Letter 'F')
- AGRICULTURE (Letter 'AG')
- RETENTION AREA (Dashed line with '15')

- FOREST CONSERVATION NOTES:**
- The number of trees in the existing woods exceeds the 100 stem per acre threshold as defined in the Forest Conservation Manual.
 - There is no 100 year floodplain on-site per FEMA Map, Community Panel No. 240044 0009B.
 - A preconstruction meeting is to be arranged as follows: After the boundaries of the limits of disturbance have been staked and flagged and the forest protection devices have been installed, and before any disturbance has taken place on site, a pre-construction meeting at the construction site shall take place. The developer, contractor or project manager, and appropriate local inspectors should attend. The purpose of this meeting will be to:
 - Identify the locations of the forest retention areas, specimen trees, limits of construction, employee parking areas, and equipment staging areas on site plans.
 - Inspect all flagged boundaries, protection devices, and Sediment and Erosion control devices on site.
 - Make all necessary adjustments.
 - Assign responsibilities as appropriate and discuss penalties.
 - This plan is for site afforestation, reforestation, tree protection and conservation measures only.
 - All contractors performing work on this site shall notify "Miss Utility" 48 hours prior to any construction or grading by calling 1-800-257-7777 for the location of all utilities.
 - The contractors performing work on the site are responsible for protecting existing native and non-invasive plantings during construction.
 - Stabilize all disturbed areas as directed by inspectors.
 - For tree pruning and care methods please refer to the National Arborist Standards, latest edition.
 - Proposed Forest Removal: 0.045 Ac.
 - Proposed Forest to Remain as Retention Credit: 4.515 Ac.
 - Driveway and house to be adjusted to avoid specimen removal locations.
 - Forest clearing permitted without mitigation = 0.00 Ac.
- GENERAL NOTES:**
- The subject property has one stand of mature hardwood forest along its eastern border with isolated specimen hardwoods in excess of 30" dbh.
 - No wetlands were observed within the stand or on site.
 - The balance of the site is currently in cultivation for corn.
 - Topography is from the 2004 Howard County LiDAR Contours.
 - This plan complies with the requirements of Section 16.1200 of the Howard County Code for Forest Conservation by a Fee-in-Lieu payment of \$2,941.00 for the 0.90 acres of reforestation obligation. Forest Conservation requirements per Section 16.1202 of the Howard County Code and Forest Conservation Act for this Subdivision have been fulfilled through the forest retention credit of 4.51 acres of existing forest located on lot 1 in accordance with the adopted DPZ Policy date May 11, 1999, for residential lots greater than 60,000 sq.ft.

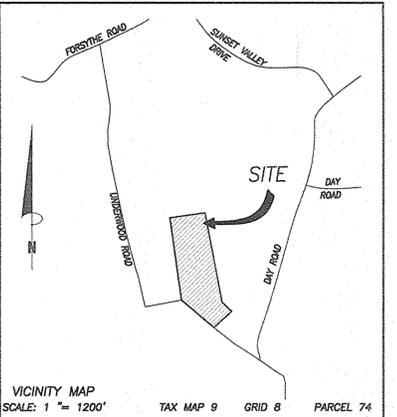


EXHIBIT 3-2
FOREST STAND ANALYSIS TABLE
Applicant: Malcolm W. & Daisy W. Ewell Project Name: GOOD NEIGHBORHOOD

KEY	A. TYPE OF COMMUNITY	B. AREA* (1/10 Acre)	C. SOIL INFORMATION**			D. EXISTING VEGETATION (Dominant Species and Approx. %)	E. STAND CHARACTERISTICS			F. FOREST AREA IN ENVIRONMENT (Acres)	G. HABITAT VALUE
			1. Soil Types	2. Typical forest cover for soil type	3. Woodland Suitability Index		1. Size (Diam)	2. Age	3. General Conditions		
F1	FOREST	4.56 AC±	ChB2 GnA Ba EkB2	Mixed Oak, Maple, Poplar, Black gum Poplar, Oak Maple, Bk. Gum, Oak Mixed Oaks	30 12 1 30	Various Hardwoods	2-5.0	>100 Yrs	GOOD	0 AC±	GOOD

*AREA MEASURED TO THE NEAREST 1/10 ACRE
** SOURCE: HOWARD COUNTY SOIL SURVEY, USDA

SOIL TYPE	SYMBOL	LAND CAPABILITY	RESTRICTED?	Kw	SLOPE %	HYDRIC?	HYDROLOGIC SOIL GROUP
Chester Silt Loam	ChA	I-4	NO	≥.35	0-3%	NO	B
Chester Silt Loam	ChB2	II E-4	NO	≥.35	3-8%	NO	B
Eliok Silt Loam	EkB2	II E-4	NO	≥.35	3-8%	NO	B
Baile Silt Loam	Ba	VW-1	NO	≥.35	0-3%	NO	B
Glenville Silt Loam	GnA	III W-8	NO	≥.35	0-3%	NO	B

Forest Conservation Worksheet 2.1

Note: Use 0 for all negative numbers that result from the calculations.

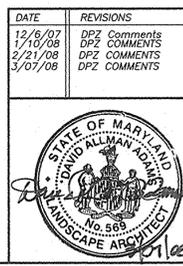
Net Tract Area	A = 19.420
Deductions (Critical Area, area restricted by local ordinance or program)	B = 0.000
Net Tract Area = Total Tract (A) - Deductions (B)	C = 19.420
Land Use Category:	AGRICULTURE
Afforestation Threshold (Net Tract Area [C] 20 %)	D = 3.884
Conservation Threshold (Net Tract Area [C] 50 %)	E = 9.710
Existing Forest Cover	F = 4.560
Area of Forest Above Conservation Threshold If the Existing Forest Cover (F) is greater than the Conservation Threshold (E), then G = F - E. Otherwise G = 0.	G = 0.000
Breakeven Point	H = 4.560
Forest Clearing Permitted Without Mitigation If Existing Forest Cover (F) - Breakeven Point (H) I = Existing Forest Cover (F) - Breakeven Point (H)	I = 0.000
Proposed Forest Clearing	J = 0.045
Total Area of Forest to be Retained K = Existing Forest Cover (F) - Forest to be Cleared (J)	K = 4.515
Planting Requirements If the Total Area of Forest to be Cleared (J) is at or above the Breakeven Point (H), no planting is required and no further calculations are necessary (L=0, M=0, N=0, P=0). Otherwise, calculate the planting requirement(s) as follows: L. Reforestation for Clearing Above the Conservation Threshold (1) If the Total Area of Forest to be Retained (K) is greater than the Conservation Threshold (E), then L = the Area of Forest to be Cleared (J) * 0.25; (2) If the Forest to be Retained (K) is less than or equal to the Conservation Threshold (E), then L = Area of Forest Above Conservation Threshold (G) * 0.25 M. Reforestation for Clearing Below the Conservation Threshold (1) If Existing Forest Cover (F) is greater than the Conservation Threshold (E) and the Forest to be Retained (K) is less than or equal to the Conservation Threshold (E), then M = 2.0 * (Conservation Threshold [E] - Forest to be Retained [K]) (2) If Existing Forest Cover (F) is less than or equal to the Conservation Threshold (E), then M = 2.0 * Forest to be Cleared (J) N. Credit for Retention Above the Conservation Threshold If the Area of Forest to be Retained (K) is greater than the Conservation Threshold (E), then N = K - E P. Total Reforestation Required P = L + M - N Q. Total Afforestation Required If Existing Forest Cover (F) is less than the Afforestation Threshold (D), then Q = Afforestation threshold (D) - Existing Forest Cover (F) R. Total Planting Requirement R = P + Q	L = 0.000 M = 0.090 N = 0.000 P = 0.090 Q = 0.000 R = 0.090

SPECIMEN TREES				
KEY	COMMON NAME	SCIENTIFIC NAME	CONDITION	D.B.H.
1	PIN OAK	QUERCUS PALUSTRIS	GOOD	36"
2	PIN OAK	QUERCUS PALUSTRIS	GOOD	32"
3	RED MAPLE	ACER RUBRAM	POOR	36"
4	RED MAPLE	ACER RUBRAM	GOOD	48"
5	TULIP POPLAR	LIRIODENDRON TULIFIFERA	GOOD	32"
6	WHITE OAK	QUERCUS ALBA	GOOD	36"
7	TULIP POPLAR	LIRIODENDRON TULIFIFERA	GOOD (Broken crown)	48"
8	BLACK GUM	NYSSA SYLVATICA	SPLIT	32"
9	TULIP POPLAR	LIRIODENDRON TULIFIFERA	GOOD	32"
10	TULIP POPLAR	LIRIODENDRON TULIFIFERA	GOOD	32"
11	TULIP POPLAR	LIRIODENDRON TULIFIFERA	GOOD	32"
12	TULIP POPLAR	LIRIODENDRON TULIFIFERA	GOOD	34"
13	TULIP POPLAR	LIRIODENDRON TULIFIFERA	GOOD	36"
14	TULIP POPLAR	LIRIODENDRON TULIFIFERA	SPLIT	60"
15	PIN OAK	QUERCUS PALUSTRIS	GOOD	36"
16	BLACK GUM	NYSSA SYLVATICA	GOOD	34"
17	BLACK GUM	NYSSA SYLVATICA	GOOD	42"
18	BLACK GUM	NYSSA SYLVATICA	GOOD	42"
19	TULIP POPLAR	LIRIODENDRON TULIFIFERA	GOOD	34"
20	TWIN TULIP POPLAR	LIRIODENDRON TULIFIFERA	GOOD	48"
21	TULIP POPLAR	LIRIODENDRON TULIFIFERA	GOOD	36"
22	BLACK OAK	QUERCUS VELUTINA	GOOD	36"
23	BLACK OAK	QUERCUS VELUTINA	GOOD	36"
24	BLACK OAK	QUERCUS VELUTINA	GOOD	36"
25	BLACK GUM	NYSSA SYLVATICA	POOR	34"
26	BLACK GUM	NYSSA SYLVATICA	GOOD	32"
27	BLACK GUM	NYSSA SYLVATICA	GOOD	32"
28	BLACK GUM	NYSSA SYLVATICA	GOOD	36"
29	RED MAPLE	ACER RUBRAM	POOR	42"
30	SCATTERED JEWEL WEED	IMPATIENS CAPENSIS	No water, Soil light tan, sandy NO WETLANDS	N/A
31	RED MAPLE	ACER RUBRAM	POOR, TWISTED	32"

3/19/08
DATE

3/12/08
DATE

OWNERS:
MALCOLM W. EWELL
DAISY W. EWELL
1251 UNDERWOOD ROAD
STOKESVILLE, MD. 21784
410-442-1081



FOREST STAND DELINEATION
FOREST CONSERVATION PLAN
GOOD NEIGHBORHOOD
LIBER 6132 FOLIO 193
SITUATED ON UNDERWOOD ROAD
ELEGON DISTRICT No. 3
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' SEPTEMBER 19, 2007

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street, P.O. Box 328 Mount Airy, Maryland 21771
(301) 829-2880 (301) 851-5015 (410) 549-2751

F-08-058