Forest Stand Data

Key	Community Type	Acreage (NTA)	Dominant Vegetation	General Condition	Priority Areas
F-1	Mixed oak/Poplar	20 acres outside CA	Liquidambar styraciflua, Liriodendron tulipifera, Quercus alba, Quercus phellos, Fagus grandiflora, Nyssa sylvatica	Good - some invasive species colonization noted	Wetlands, Buffers All forest mapped as potential FIDS Habitat but most onsite forest is impacted by edge effect

See accompanying report for complete stand descriptions

NOTES:

1. The property includes approximately 48 acres of forested land that is within the Critical Area. This land is not subject to the Forest Conservation Act requirements and will be developed in accordance with the Critical Area regulations. All portions of the Critical Area are forest. Specimen trees were shown in the Critical Area for reference only. The Critical Area regulations do no specifically identify specimen trees as a unique resource. The Critical Area portion of the site is mapped as Resource Conservation Area (RCA). Forest clearing and lot coverage creation limits are included in the RCA regulations.

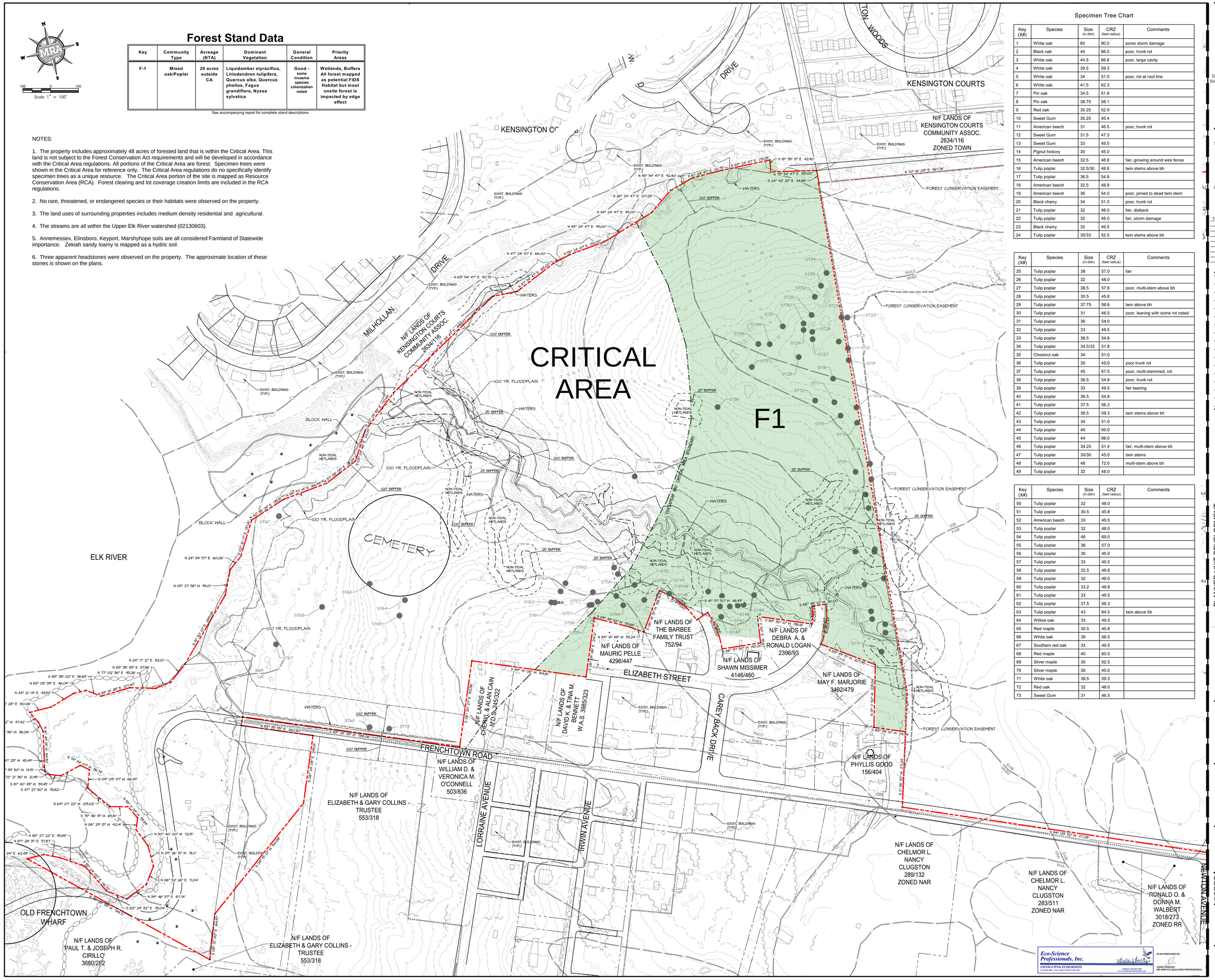
2. No rare, threatened, or endangered species or their habitats were observed on the property.

3. The land uses of surrounding properties includes medium density residential and agricultural.

4. The streams are all within the Upper Elk River watershed (02130603).

5. Annemessex, Elinsboro, Keyport, Marshyhope soils are all considered Farmland of Statewide importance. Zekiah sandy loamy is mapped as a hydric soil.

6. Three apparent headstones were observed on the property. The approximate location of these stones is shown on the plans.



Specimen Tree Chart

Key (X#)	Species	Size (in.dbh)	CRZ (feet radius)	Comments
1	White oak	60	90.0	some storm damage
2	Black oak	44	66.0	poor, trunk rot
3	White oak	44.5	66.8	poor, large cavity
4	White oak	39.5	59.3	
5	White oak	34	51.0	poor, rot at root line
6	White oak	41.5	62.3	
7	Pin oak	34.5	51.8	
8	Pin oak	38.75	58.1	
9	Red oak	35.25	52.9	
10	Sweet Gum	30.25	45.4	
11	American beech	31	46.5	poor, trunk rot
12	Sweet Gum	31.5	47.3	
13	Sweet Gum	33	49.5	
14	Pignut hickory	30	45.0	
15	American beech	32.5	48.8	fair, growing around wire fence
16	Tulip poplar	32.5/30	48.8	twin stems above bh
17	Tulip poplar	36.5	54.8	
18	American beech	32.5	48.8	
19	American beech	36	54.0	poor, joined to dead twin stem
20	Black cherry	34	51.0	poor, trunk rot
21	Tulip poplar	32	48.0	fair, dieback
22	Tulip poplar	32	48.0	fair, storm damage
23	Black cherry	33	49.5	
24	Tulip poplar	35/33	52.5	twin stems above bh

Key (X#)	Species	Size (in.dbh)	CRZ (feet radius)	Comments
25	Tulip poplar	38	57.0	fair
26	Tulip poplar	32	48.0	
27	Tulip poplar	38.5	57.8	poor, multi-stem above bh
28	Tulip poplar	30.5	45.8	
29	Tulip poplar	37.75	56.6	twin above bh
30	Tulip poplar	31	46.5	poor, leaning with some rot noted
31	Tulip poplar	36	54.0	
32	Tulip poplar	33	49.5	
33	Tulip poplar	36.5	54.8	
34	Tulip poplar	34.5/32	51.8	
35	Chestnut oak	34	51.0	
36	Tulip poplar	30	45.0	poor trunk rot
37	Tulip poplar	45	67.5	poor, multi-stemmed, rot
38	Tulip poplar	36.5	54.8	poor, trunk rot
39	Tulip poplar	33	49.5	fair leaning
40	Tulip poplar	36.5	54.8	
41	Tulip poplar	37.5	56.3	
42	Tulip poplar	39.5	59.3	twin stems above bh
43	Tulip poplar	34	51.0	
44	Tulip poplar	40	60.0	
45	Tulip poplar	44	66.0	
46	Tulip poplar	34.25	51.4	fair, multi-stem above bh
47	Tulip poplar	30/30	45.0	twin stems
48	Tulip poplar	48	72.0	multi-stem above bh
49	Tulip poplar	32	48.0	

Key (X#)	Species	Size (in.dbh)	CRZ (feet radius)	Comments
50	Tulip poplar	32	48.0	
51	Tulip poplar	30.5	45.8	
52	American beech	33	49.5	
53	Tulip poplar	32	48.0	
54	Tulip poplar	46	69.0	
55	Tulip poplar	38	57.0	
56	Tulip poplar	30	45.0	
57	Tulip poplar	33	49.5	
58	Tulip poplar	32.5	48.8	
59	Tulip poplar	32	48.0	
60	Tulip poplar	33.2	49.8	
61	Tulip poplar	33	49.5	
62	Tulip poplar	37.5	56.3	
63	Tulip poplar	43	64.5	twin above bh
64	Willow oak	33	49.5	
65	Red maple	30.5	45.8	
66	White oak	39	58.5	
67	Southern red oak	33	49.5	
68	Red maple	40	60.0	
69	Silver maple	35	52.5	
70	Silver maple	30	45.0	
71	White oak	39.5	59.3	
72	Red oak	32	48.0	
73	Sweet Gum	31	46.5	

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APPLICATION/DEVELOPER
SOUTHFIELDS OF ELKTON CAPITAL DEVELOPMENT
C/O STONEWALL CAPITAL
1206 SPARKS ROAD
SPARKS, MARYLAND 21152
ATTN: MR. RAY JACKSON

OWNERS
SOUTHSIDE LLC &
GRAY'S HILL DEVELOPMENT CO INC.
755 WEST PULASKI HIGHWAY
ELKTON, MARYLAND 21921

PROPERTY INFORMATION

TAX MAP	PARCEL	ACREAGE	ZONING
316	169	54.95±	R-3
319	2450	101.63±	R-3
320	2369	59.67±	R-3/C-2
320	2371	244.07±	R-3
320	2390	46.57±	R-3/C-2
323	79	68.13±	R-2/R-3
323	91	10.33±	RP
323	454	2.87±	RP
324	2394	39.01±	R-3

Rev Date	Description

PLANNED UNIT DEVELOPMENT
SOUTHFIELDS OF ELKTON
CECIL COUNTY, MARYLAND
3RD ELECTION DISTRICT

PROFESSIONAL CERTIFICATION
"I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 36672, EXPIRATION DATE: 06/25/2021."

Project No.:	20528
Date:	DEC. 10, 2019
Drawn By:	AGD
Checked By:	AGD
Scale:	1" = 100'

FOREST STAND DELINEATION PLAN

FSD -1

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PLAN PREPARED BY:
JOHN CANOLES
MD DNR PCA QUALIFIED PROFESSIONAL

G:\20528\PLANNING\FSD\20528-FSD-10-CRITICAL.dwg, 12/9/2019 4:03:38 PM, MRAHA, 1:1, Copyright 2019 Morris & Ritchie Associates, Inc.