

TREE NUMBER	BOTANICAL NAME	COMMON NAME (SIZE @ D.B.H.)	TREE CONDITION	COMMENTS	STATUS	STRESS REDUCTION MEASURES
ST-1	Pinus strobus	White Pine 29.0'	Moderate	Leader missing, broken branches, sap rot, decay in canopy	To Be Retained	
ST-2	Ulmus pumila	Siberian Elm 35.4'	Poor	Vertical crack in trunk, decay in canopy	To Be Retained	
ST-3	Acer rubrum	Red Maple 30.6'	Moderate	Wound on leader w/ decay and borer damage, decay in canopy	To Be Retained	
ST-4	Acer rubrum	Red Maple 28.0'	Moderate-Poor	Large wound in trunk w/ borer damage and sap rot, reactionary wood growth, snag, dead branches w/ decay in canopy	To Be Retained	
ST-5	Acer rubrum	Red Maple 38.6'	Good	Decay at top of trunk, wounds on root collar, reactionary growth at base	To Be Retained	
ST-6	Acer rubrum	Red Maple 35.3'	Moderate-Poor	Decay at large branch union, wound on root collar, galls on trunk, borer damage, sap rot, dead limbs w/ decay in canopy	To Be Retained	
ST-7	Acer rubrum	Red Maple 28.0'	Good	Tree has been removed		
ST-8	Acer saccharinum	Silver Maple 40.7'	Good	Wounds on trunk have compartmentalized, borer damage, vertical crack, dead branches w/ feedback in canopy	To Be Retained	
ST-9	Juglans nigra	Black Walnut 33.5'	Poor-Dead	Horizontal rot in trunk, cavity in trunk, snag, circling roots	To Be Retained	
ST-10	Acer saccharinum	Silver Maple 55.6'	Poor	Decay at large branch union, borer damage, area and light in canopy, broken leader w/ conks, broken branches w/ decay in canopy	To Be Retained	
ST-11	Quercus phellos	Willow Oak 34.6'	Good	Drinking roots, poison by on trunk	To Be Retained	
ST-12	Acer saccharinum	Silver Maple 43.2'	Moderate-Poor	Watersprouts, broken limbs w/ rot and borer damage	To Be Retained	
ST-13	Acer saccharinum	Silver Maple 42.0'	Moderate	Dead limbs w/ decay in canopy, wounds on root collar	To Be Retained	
ST-14	Pinus strobus	White Pine 28.9'	Moderate	Willow Oak growing in root collar, broken branches	To Be Retained	
ST-15	Platanus occidentalis	Sycamore 47.0'	Good	Tree has been removed		
ST-16	Acer saccharinum	Silver Maple 24.3/28.0'	Moderate	Watersprouts, circling roots, poison by on trunk, cavity in leader w/ decay	To Be Retained	
ST-17	Acer saccharinum	Silver Maple 53.8'	Moderate	Multi-stem, poison by on trunk, broken limbs w/ decay in canopy	To Be Retained	
ST-18	Pinus strobus	White Pine 29.7'	Good-Moderate	Broken limbs	To Be Retained	
ST-19	Pinus strobus	White Pine 38.4'	Moderate	Broken limbs, poison by on trunk	To Be Retained	
ST-20	Pinus strobus	White Pine 30.6'	Good-Moderate	Broken limbs	To Be Retained	
ST-21	Acer saccharinum	Silver Maple 29.1'	Moderate	Circling roots, broken limbs, wounds on root collar, cavity w/ decay in leader	To Be Retained	
ST-22	Acer saccharinum	Silver Maple 34.2'	Moderate	Dead limbs w/ decay in canopy, circling roots	To Be Retained	
ST-23	Pinus strobus	White Pine 26.8'	Good	Chimney embedded in root collar, free oak on root collar	To Be Retained	
ST-24	Acer saccharinum	Silver Maple 39.8'	Moderate	Circling roots, wounds on root collar, dead limbs w/ decay in canopy	To Be Retained	
ST-25	Quercus coccoloba	Scarlet Oak 32.3'	Poor	Large wounds on trunk, leader missing, decay in trunk, camera mounted on tree, sap rot, dead limbs w/ decay in canopy	To Be Removed	
ST-26	Quercus coccoloba	Scarlet Oak 32.0'	Good	Tree has been removed		
ST-27	Acer saccharinum	Silver Maple 33.5'	Good-Moderate	Wounds on root collar, w/ sprouts, snags	To Be Retained	
ST-28	Quercus alba	White Oak 46.2'	Moderate-Poor	Barked w/ in trunk, cavity w/ decay in trunk, conks growing from roots, large snag, large gall w/ borer damage, dead limbs w/ decay in canopy, oak rot on trunk w/ sap sprouts, signs of internal decay	To Be Retained	
ST-29	Quercus	Chestnut Oak 38.4'	Moderate	Co-located, large amount of reactionary wood growth at branch union, dead limbs w/ decay, broken limbs, galls, swollen root collar, possible hazard if left unattended	To Be Retained	Tree protection fence, tree protection sign, root pruning, reassess for hazard potential
ST-A	Acer rubrum	Red Maple 26.5'	Good	Evidence of pruning for utility lines, cavity w/ decay in upper trunk, snag, dead branches w/ decay in canopy	To Be Retained	
ST-B	Acer rubrum	Red Maple 26.0'	Moderate-Poor	Significant large wound on leader, compartmentalized wound, cavity w/ decay in trunk and decay in trunk, decay in root collar	To Be Retained	
ST-C	Q. alba	Chestnut Oak 28.0'	Moderate	Well located in critical root zone, multi-stemmed, covered in poison by, some dead limbs w/ decay and decay in canopy	To Be Retained	
ST-D	Pinus strobus	White Pine 25.4'	Good	Multi-stemmed, the sapling, circling roots, wounds on root collar, vertical crack at branch union, broken limbs w/ decay in canopy	To Be Retained	
ST-E	Acer saccharinum	Silver Maple 40.7'	Moderate	Wound in trunk, w/ wounds on leader, compartmentalized wound, wounds on root collar, dead limbs w/ decay in canopy	To Be Retained	
ST-F	Acer rubrum	Red Maple 25.1'	Moderate	Wound in trunk, w/ wounds on leader, compartmentalized wound, wounds on root collar, dead limbs w/ decay in canopy	To Be Retained	
ST-G	Acer rubrum	Red Maple 24.3'	Poor	Lights and wires in tree, circling roots, dead limbs w/ decay in canopy	To Be Retained	
ST-H	Acer rubrum	Red Maple 27.3'	Moderate	Circling roots, w/ wires and lights in canopy, cavity and rot in upper trunk	To Be Retained	
ST-I	Acer saccharinum	Silver Maple 24.1'	Good	Broken limbs in canopy	To Be Retained	
ST-J	Pinus strobus	White Pine 25.8'	Good-Moderate	Circling roots, broken branches, leader missing, dead limbs w/ decay in tree	In Right of Way	
ST-L	Platanus occidentalis	Sycamore 28.0'	Good	Poison by on trunk	In Right of Way	
ST-M	Acer saccharinum	Silver Maple 27.1'	Moderate-Poor	Decay in root collar, leader missing, borer damage and decay on trunk	To Be Retained	
ST-N	Juglans nigra	Black Walnut 26.0'	Poor	Gall on trunk, w/ watersprouts, multi-stemmed, decay at branch union, tree is a hazard and should be removed as soon as possible	To Be Retained	
ST-O	Pinus strobus	White Pine 24.0'	Good	Wounds on root collar	To Be Retained	
ST-P	Quercus palustris	Pin Oak 24.0'	Good	Wounds on root collar	To Be Retained	
ST-Q	Carya glabra	Hickory 25.2'	Good-Moderate	Vertical crack at branch union, sap rot, dead limbs w/ decay in canopy	To Be Retained	
ST-R	Acer saccharinum	Silver Maple 32.0'	Moderate	Multi-stemmed, cavity in trunk, dead limbs w/ feedback in canopy	To Be Retained	

LEGEND:

- CANOPY COVERAGE: [Symbol]
- CRITICAL ROOT ZONE: [Symbol]
- EXISTING BUILDING: [Symbol]
- EXISTING CATEGORY I CONSERVATION EASEMENT: [Symbol]
- FOREST TO BE CLEARED: [Symbol]
- FOREST RETENTION AREA: [Symbol]
- LIMITS-OF-DISTURBANCE: [Symbol]
- MITIGATION TREE PLANTING: [Symbol]
- ON-SITE FOREST: [Symbol]
- PROPERTY LINE: [Symbol]
- PERMANENT TREE PROTECTION SIGN: [Symbol]
- ROOT PRUNING: [Symbol]
- SIGNIFICANT / SPECIMEN TREE TO BE REMOVED: [Symbol]
- SIGNIFICANT / SPECIMEN TREE TO BE RETAINED: [Symbol]
- SOILS SERIES DIVIDE: [Symbol]
- STREAM BUFFER: [Symbol]
- TREE PROTECTION FENCE: [Symbol]
- TREE PROTECTION SIGN: [Symbol]

FOREST CONSERVATION WORKSHEET
BARNESVILLE OAK FARMS - ZONE RDT

NET TRACT AREA: 840.13

LAND USE CATEGORY: (from Trees Technical Manual)

Input the number "1" under the appropriate land use, limit to only one entry.

Category	ARA	MOR	IDA	HDR	MPD	CIA
A. Total tract area	1.00	0.00	0.00	0.00	0.00	0.00
B. Land dedication for roads or utilities (not being constructed by this plan)						1.60
C. Land dedication for roads or utilities (not being constructed by this plan)						767.15
D. Area to remain in commercial agricultural production/use						0.00
E. Other deductions (specify)						71.38
F. Net Tract Area						71.38

G. Afforestation Threshold ... 0.20 x F = 14.28
H. Conservation Threshold ... 0.50 x F = 35.69

EXISTING FOREST COVER:

I. Existing forest cover ... 43.70
J. Area of forest above afforestation threshold ... 29.42
K. Area of forest above conservation threshold ... 8.01

BREAK EVEN POINT:

L. Forest retention above threshold with no mitigation ... 37.29
M. Clearing permitted without mitigation ... 6.41

PROPOSED FOREST CLEARING:

N. Total area of forest to be cleared ... 35.90
O. Total area of forest to be retained ... 7.60

PLANTING REQUIREMENTS:

P. Reforestation for clearing above conservation threshold ... 2.00
Q. Reforestation for clearing below conservation threshold ... 55.78
R. Credit for retention above conservation threshold ... 0.00
S. Total reforestation required ... 57.78
T. Total afforestation required ... 0.00
U. Credit for landscaping (may not exceed 1% of "S") ... 0.00
V. Total reforestation and afforestation required ... 57.78

*Area of agricultural use is the area of the two farm remainders (780.4 acres) minus 0.07 acre for storm drain easement shown on farm remainder (17300 Whites Store Road) near Lot 13 minus 13.18 acres added to LOD on farm remainder (17300 Whites Store Road) by this amendment

780.04
-0.07
-13.18
767.15

DEVELOPER'S CERTIFICATE - GREENTREE FARM

The undersigned agrees to execute all the features of the Approved Final Forest Conservation Plan No. 1209021C including, but not limited to, forest planning, forest planting, maintenance and all other obligations agreements.

2500 Farm Holdings, LLC

Developer's Name: [Blank]
Contact Person or Owner: Matthew Dorman
Address: 17300 Whites Store Road, Boyds, MD 20841
Phone # and Email: (410)596-3296; mrdormanorg@gmail.com
Signature: [Signature]

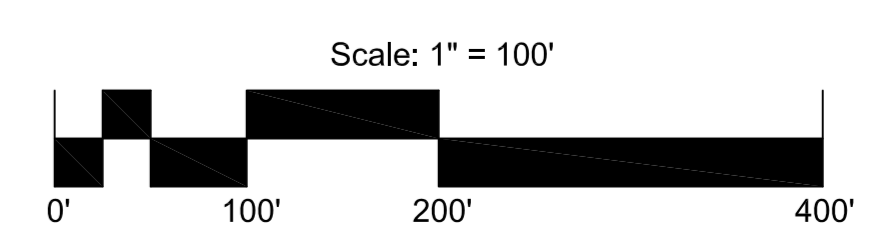
- LIST OF AMENDMENT ITEMS**
- The addition of two new barns and associated improvements was added to the Farm Remainder which has an address of 17300 White Store Road.
 - The plan was revised to show that the main house and guest house on the Farm Remainder at 17300 White Store Road are to be demolished and new homes are to be built to replace them.
 - New limit-of-disturbance (LOD) areas were added to the plan on the Farm Remainder at 17300 White Store Road for the new barns, demolition and replacement homes, and associated site improvements including septic fields.
 - The FCP worksheet was revised to include the new LOD areas shown on 17300 Whites Store Road in the net tract area. These areas were previously included in the area excluded from the net tract for agricultural uses.
 - The notes below the FCP worksheet were updated to show how the additional reforestation requirement is to be met.
 - The plan and tree chart were revised to propose the removal of ST-25 which falls within the LOD area added to the plan.

PROFESSIONAL CERTIFICATE:
I hereby certify that these documents were prepared or approved by me and that I am a registered Landscape Architect under the laws of the State of Maryland, Registration No. 2891, Expiration date 12-21-2022.

[Signature] Date: 04/21/2021



ACREAGE OF TRACT	ACREAGE OF TRACT REMAINING IN AGRICULTURE USE	ACREAGE OF ROAD AND UTILITY R.O.W. NOT TO BE IMPROVED	ACREAGE OF EXISTING FOREST	ACREAGE OF TOTAL FOREST RETENTION	LAND USE CATEGORY	CONSERVATION THRESHOLD	AFFORESTATION THRESHOLD	FOREST WITHIN WETLANDS TO BE RETAINED	FOREST WITHIN WETLANDS TO BE CLEARED	FOREST WITHIN WETLANDS TO BE PLANTED	FOREST WITHIN 100-YEAR FLOODPLAIN TO BE RETAINED	FOREST WITHIN 100-YEAR FLOODPLAIN TO BE CLEARED	FOREST WITHIN 100-YEAR FLOODPLAIN TO BE PLANTED	FOREST WITHIN STREAM BUFFER TO BE RETAINED	FOREST WITHIN STREAM BUFFER TO BE CLEARED	FOREST WITHIN STREAM BUFFER TO BE PLANTED	FOREST WITHIN PRIORITY AREAS TO BE RETAINED	FOREST WITHIN PRIORITY AREAS TO BE CLEARED	FOREST WITHIN PRIORITY AREAS TO BE PLANTED	STREAM BUFFER- LINEAR FEET	STREAM BUFFER- AVERAGE WIDTH
840.13 AC	767.15 AC	1.60 AC	43.70 AC	7.80 AC	AGRICULTURAL AND RESOURCES AREA	50% = 35.69 AC	20% = 14.28 AC	0.00 AC	0.0 AC	0.00 AC	0.00 AC	0.00 AC	0.00 AC	0.00 AC	0.00 AC	0.00 AC	0.00 AC	0.00 AC	0.00 AC	0'	0'



Revisions

date: 04/21/2021
scale: 1" = 100'

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FINAL FOREST CONSERVATION PLAN
GREENTREE FARM
(WSSC Grid Sheet 228NWT17; Tax Map DU 13)
Montgomery County, Maryland