

PLANT COMMUNITY SUMMARY

SYMBOL	COMMUNITY	AREA	RETENTION PRIORITY
F1	FOREST	4.82 Ac.±	HIGH
F2	FOREST	7.23 Ac.±	HIGH

AREA CHART

AREA	ACRES
TOTAL TRACT AREA	28.68
EXISTING FOREST	12.05
LAND WITHIN STREAM BUFFERS	2.56
LAND WITHIN FLOODPLAIN	0.35
FOREST WITHIN STREAM BUFFERS	2.56
FOREST WITHIN FLOODPLAIN	0.35
ROAD DEDICATION	0.5865

GENERAL NOTES:

1. THE SITE IS LOCATED ON LONG CORNER ROAD. THE SITE CONSISTS OF ONE PARCEL, PARCEL 34, WHICH IS 28.68 ACRES.
2. TOPOGRAPHIC AND BOUNDARY INFORMATION IS FROM A FIELD SURVEY PREPARED BY PATTON HARRIS RUST & ASSOCIATES, DATED SEPTEMBER 27, 2005.
3. THE SOILS ON SITE ARE DESCRIBED IN THE CHART ON THIS PLAN, AND ARE IN ACCORDANCE WITH THE SOIL SURVEY FOR HOWARD COUNTY, MARYLAND. STEEP SLOPES ARE PRESENT ON THE SITE AS SHOWN.
4. THE SITE IS ZONED RC-DEO (RURAL CONSERVATION WITH A DENSITY EXCHANGE OPTION OVERLAY).
5. THE SITE IS LOCATED IN THE PATAPSCO WATERSHED, SOUTH BRANCH PATAPSCO RIVER SUBWATERSHED (#2130908).
6. 100-YEAR FLOODPLAIN IS LOCATED ON SITE AS SHOWN. STREAMS AND WETLANDS ARE LOCATED ON SITE AS SHOWN.
7. THERE ARE TWO EXISTING FOREST STANDS LOCATED ON SITE, AS SHOWN THE PLAN. THEY ARE BOTH HIGH PRIORITY FOREST STANDS DUE TO THEIR LOCATION AS PART OF A LARGER FOREST. THE REMAINDER OF THE SITE IS COMPOSED OF OPEN GRASSY FIELD AREAS, NON-FORESTED TREE COVERED AREAS, AND A CORN FIELD.
8. THERE ARE THIRTY-NINE (39) SPECIMEN TREES (30"+) LOCATED ON SITE, AS SHOWN ON THE PLAN.
9. FIELD WORK FOR THIS INVENTORY WAS CONDUCTED ON SEPTEMBER 12, 2005 BY JONATHAN S. NORMAN OF PATTON HARRIS RUST & ASSOCIATES, PC UNDER THE SUPERVISION OF PETER J. STONE, PLA AND SCOTT R. WOLFORD PLA OF PATTON HARRIS RUST & ASSOCIATES, PC. SEE FOREST STAND DELINEATION REPORT FOR FIELD INVESTIGATION NARRATIVE.
10. THE SITE HAS A FOREST CONSERVATION THRESHOLD OF 25% AND AN AFFORESTATION THRESHOLD OF 20%.
11. NO CEMETERIES OR HISTORIC STRUCTURES ARE LOCATED ON-SITE. EXISTING STRUCTURES ARE PRESENT ON THE SITE AS SHOWN.
12. NO RARE, THREATENED, OR ENDANGERED PLANTS OR ANIMALS OR CRITICAL HABITATS WERE OBSERVED IN THE FIELD.
13. THIS FOREST STAND DELINEATION (FSD) HAS BEEN PREPARED IN ACCORDANCE WITH HOWARD COUNTY REGULATIONS.
14. THIS SITE CONTAINS SOILS WITH POSSIBLE HYDRIC INCLUSIONS, GLENVILLE SILT LOAM (GnB2), CODORUS SILT LOAM (Co), AND COMUS SILT LOAM (CuB).

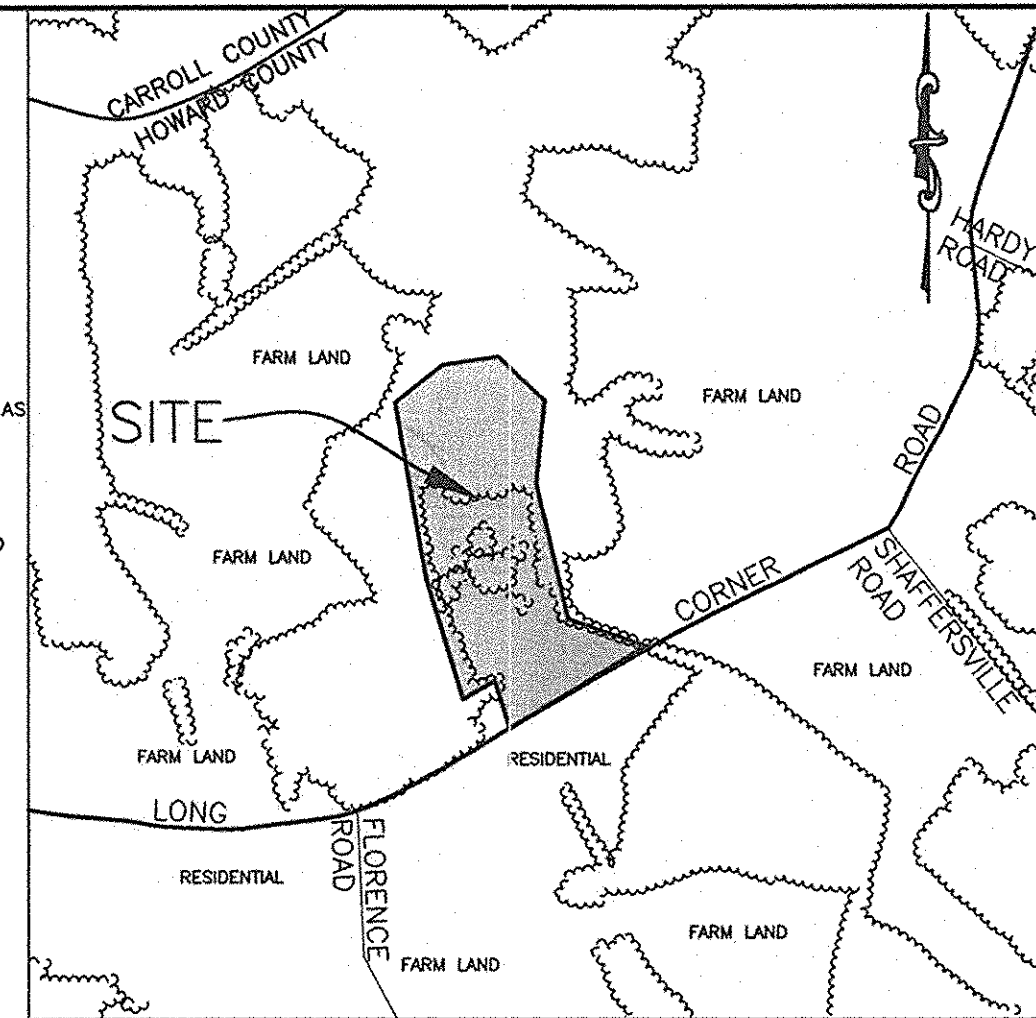
SOILS CHART

MAP SYMBOL	NAME	STRUCTURAL LIMITATIONS DWELLINGS	EROSION HAZARD	K FACTOR	HYDRIC (%)	SLOPE
Co	Codorus silt loam	SEVERE	N/A	N/A	NO*	N/A
CuB	Comus silt loam	SLIGHT	MODERATE	N/A	NO*	3-8%
GIB2	Glenelg loam	SLIGHT	MODERATE	N/A	NO	3-8%
GIC2	Glenelg loam	MODERATE	MODERATE	MODERATE (32)	NO	8-15%
GIC3	Glenelg loam	MODERATE	SEVERE	MODERATE (32)	NO	8-15%
GnB2	Glenville silt loam	MODERATE	MODERATE	N/A	NO*	3-8%
MnD	Manor very stony loam	MODERATE	MODERATE	MODERATE (32)	NO	3-25%
MFC2	Mt. Airy channery loam	MODERATE	MODERATE	N/A	NO	8-15%
MD2	Mt. Airy channery loam	MODERATE	MODERATE	N/A	NO	15-25%

* SOIL MAY CONTAIN HYDRIC INCLUSIONS
SOURCE: SOIL INFORMATION TAKEN FROM HOWARD COUNTY, MARYLAND SOIL SURVEY MAP #1.

SPECIMEN TREE CHART

KEY	SPECIES	SIZE	CONDITION
1	APPLE (Pyrus malus) MULTI-STEM	36"	GOOD
2	TULIP POPLAR (Liriodendron tulipifera)	30"	GOOD
3	WHITE OAK (Quercus alba)	42"	GOOD
4	NORWAY MAPLE (Acer platanoides) MULTI-STEM	72"	GOOD
5	SUGAR MAPLE (Acer saccharum) MULTI-STEM	48"	GOOD
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35	RED MAPLE (Acer rubrum)	36"	POOR
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38	NORWAY MAPLE (Acer platanoides)-4 TRUNKS	48"	GOOD
39	NORWAY MAPLE (Acer platanoides)-MULTI-STEM	48"	GOOD



VICINITY MAP
SCALE: 1" = 100'

LEGEND

PROPERTY LINE		SLOPES: 15-25%	
EXISTING TREELINE		SLOPES: >25%	
EXISTING SOILS		PLANT COMMUNITY	
WETLANDS AND 25' BUFFER		HEDGE ROW	
EX. STREAM AND BUFFER		OPEN FIELD	
EXISTING CONTOURS		CROPS	
EXISTING BUILDING		STAND DIVISION LINE	
TREE >30" DIAMETER		EX. 100-YEAR FLOODPLAIN	

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

Paul Chandon, acting
CHIEF, DEVELOPMENT ENGINEERING DIVISION 3/17 DATE

Candice Korman
CHIEF, DIVISION OF LAND DEVELOPMENT 3/2/07 DATE

DATE	NO.	REVISION

OWNER
NORTHERN LLLP.
P.O. BOX 228
CLARKSVILLE, MD 21029
410-531-5539

DEVELOPER
HIGHLAND DEVELOPMENT CORPORATION
ATTN: RICHARD DEMMITT
P.O. BOX 228
CLARKSVILLE, MD 21029
410-531-5539

PROJECT
SOBUS PROPERTY

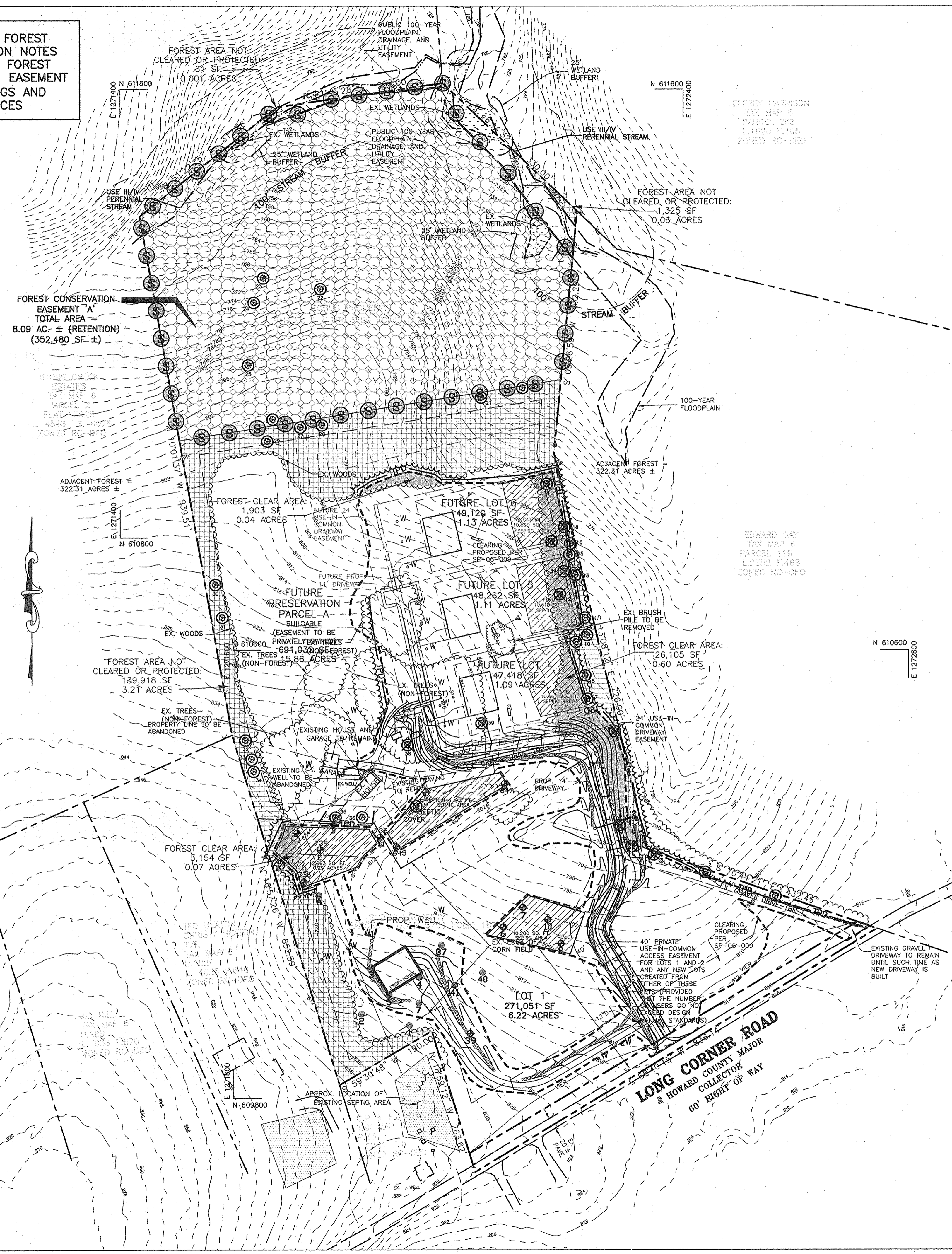
AREA TAX MAP 6, GRID 5, PARCEL 34, ZONING RC-DEO
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE **FOREST STAND DELINEATION PLAN, NOTES AND TABULATIONS**

Patton Harris Rust & Associates, pc
Engineers, Surveyors, Planners, Landscape Architects.
8818 Centre Park Drive
Columbia, MD 21045
T 410.997.8900
F 410.997.9282

DATE 1.10.07
DESIGNED BY: JSN
DRAWN BY: JSN
PROJECT NO: 13953-1-0
DATE: JANUARY 12, 2007
SCALE: 1" = 100'
DRAWING NO. 1 OF 3

SEE FINAL FOREST CONSERVATION NOTES SHEET FOR FOREST CONSERVATION EASEMENT 'A' BEARINGS AND DISTANCES

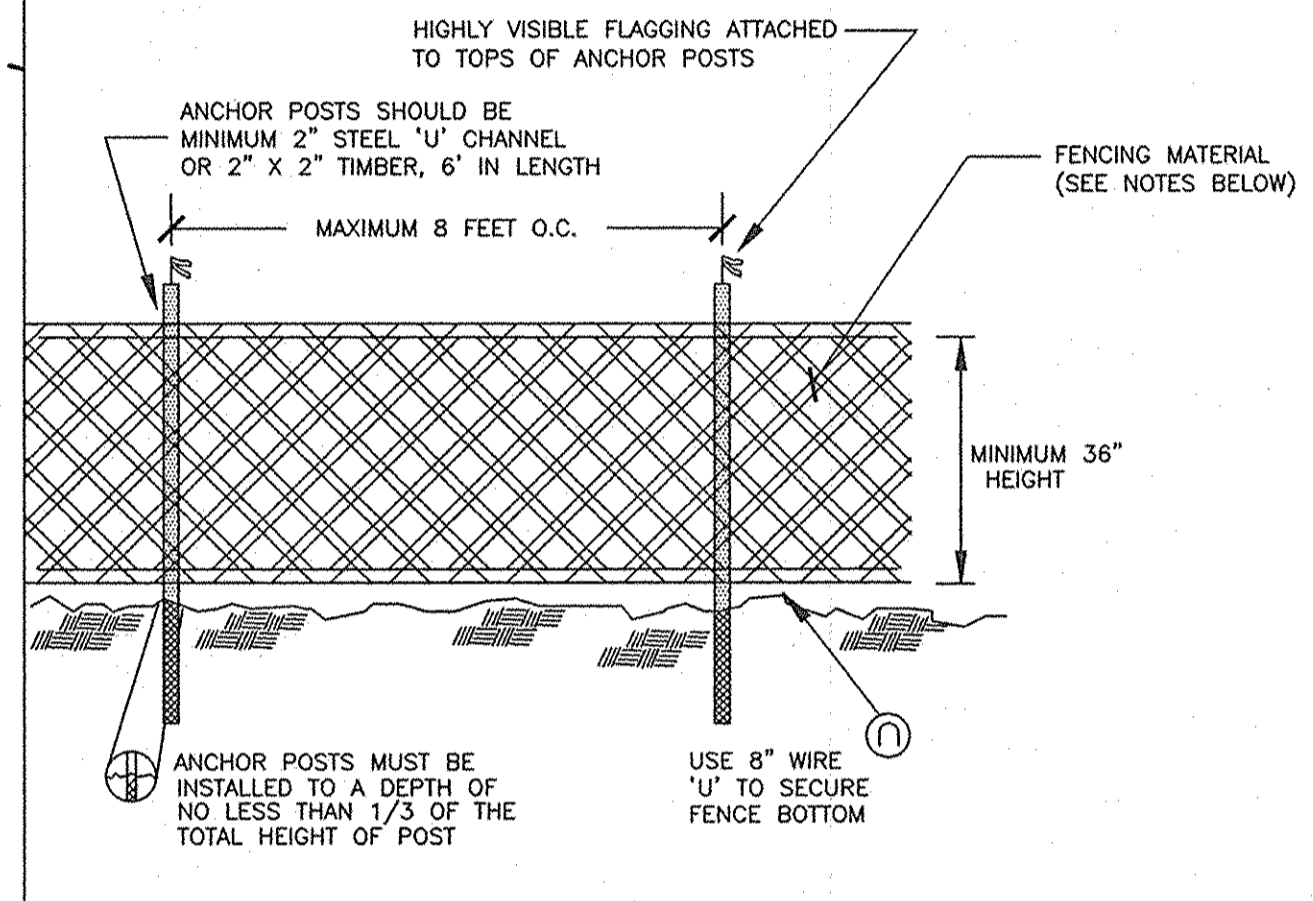


GENERAL NOTES:

- THE MAJORITY OF THE PLAN HAS BEEN PREPARED USING PHR+A FIELD RUN TOPOGRAPHY. SPECIMEN TREE LOCATIONS WERE FIELD APPROXIMATED.
- NO CRITICAL HABITATS OF RARE, THREATENED OR ENDANGERED SPECIES WERE OBSERVED.
- NO TREES, SHRUBS, OR PLANTS IDENTIFIED AS RARE, THREATENED OR ENDANGERED SPECIES WERE OBSERVED.
- THERE ARE NO KNOWN CEMETERIES OR BURIAL PLOTS LOCATED ON THE SITE, ACCORDING TO THE HOWARD COUNTY CEMETERIES INVENTORY.
- THERE ARE FIVE EXISTING STRUCTURES ON THE SITE AS SHOWN. THE HOUSE AND GARAGE WILL REMAIN, THE THREE SHEDS WILL BE REMOVED. STRUCTURES ARE PROPOSED AS SHOWN.
- THIS SITE CONTAINS SOILS WITH POSSIBLE HYDRIC INCLUSIONS, GLENVILLE SILT LOAM (Gnb2), COODRUS SILT LOAM (Co) AND COMUS SILT LOAM (CuB).
- THE FSD, DATED OCTOBER 18, 2005 AND REVISED ON APRIL 6, 2006, HAS BEEN PREPARED BY PATTON HARRIS RUST & ASSOCIATES IN CONJUNCTION WITH THESE PLANS.
- THE HOWARD COUNTY FOREST CONSERVATION MANUAL SUPERCEDES ANY DISCREPANCIES BETWEEN THE MANUAL AND THESE PLANS.
- THIS PROJECT COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION.
- THE FOREST CONSERVATION OBLIGATION FOR THIS PLAN HAS BEEN SATISFIED BY THE CREATION OF A 8.09 ACRE (352,480 SF) ONSITE RETENTION EASEMENT. FOREST CONSERVATION SURETY IN THE AMOUNT OF \$70,480.00 WILL BE POSTED.
- THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE. NO CLEARING, GRADING, OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT, HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED.
- BEARINGS AND DISTANCES FOR THE EXISTING FOREST CONSERVATION EASEMENTS ARE PROVIDED ON A SUBDIVISION PLAT AS PLAT NO. _____ RECORDED ON _____

Howard County Forest Conservation Worksheet

Project Name:	Sobus Property
County File #:	
Date:	October 18, 2005
Net Tract Area	Acres
A. Total Tract Area	A = 28.58
B. 100 Year Floodplain	B = 0.35
C. Net Tract Area - Net Tract Area = (A-B-C)	C = 28.33
Land Use Category:	
D. Afforestation Threshold (Net Tract Area X .20%)	D = 5.67
E. Conservation Threshold (Net Tract Area X .25%)	E = 7.08
Existing Forest Cover	
F. Existing Forest Cover within the Net Tract Area	F = 12.50
G. Area of Forest Above Conservation Threshold	G = 4.97
Break Even Point	
H. Break Even (Amount of forest that must be retained so that no mitigation is required)	H = 8.08
I. Forest Clearing Permitted Without Mitigation	
I = Existing Forest Cover (F) - Conservation Threshold (E); If equal to zero, then I = 0	I = 3.97
Proposed Forest Clearing	
J. Total Area of Forest to be Cleared	J = 3.90
K. Total Area of Forest to be Retained	K = 8.09
L. Forest Clearing Permitted Without Mitigation	
L = Existing Forest Cover (F) - forest to be cleared (J)	L = 0.00
Planting Requirements	
M. If the Total Area of Forest to be Cleared (J) is at or above the Break Even Point (H), no planting is required and no further calculations are necessary (L=0, M=0, N=0, P=0); If not, calculate the planting requirement below:	M = 0.00
N. Reafforestation 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 N = 0	N = 1.01
(2) If the area of forest to be retained (K) is less than or equal to the Conservation Threshold (E), then N = 2.0 X (the Conservation Threshold (E) - the forest to be retained (K))	
O. Total Reafforestation Required P = L + M - N	P = 0.00
Q. Total Afforestation Required	Q = 0.00
(1) If Existing Forest Cover (F) is less than the Afforestation Threshold (D) then Q = the Afforestation Threshold (D) - the Existing Forest Cover (F)	
R. Total Planting Requirement R = P + Q	R = 0.00



- NOTES:**
- SUPER SILT FENCE FOR TREE PROTECTION DEVICE, ONLY.
 - BOUNDARIES OF PROTECTION AREA WILL BE ESTABLISHED PRIOR TO GRADING AND SEDIMENT CONTROL.
 - AVOID DAMAGE TO CRITICAL ROOT ZONE. DO NOT DAMAGE OR SEVER LARGE ROOTS WHEN INSTALLING POSTS.
 - FENCING SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.

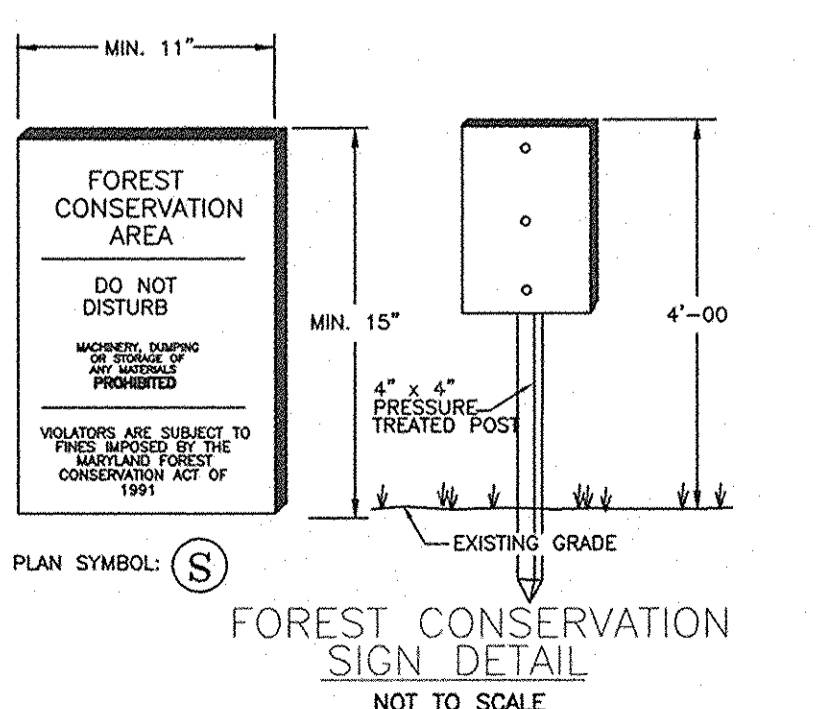
TREE PROTECTION FENCING

NOT TO SCALE

PROPERTY LINE	
EXISTING TREELINE	
PROPOSED TREELINE	
PROPOSED LOT LINE	
WETLANDS AND 25' BUFFER	
EX. STREAM AND BUFFER	
EX. 100-YEAR FLOODPLAIN	
EXISTING CONTOURS	
PROPOSED CONTOURS	
EXISTING BUILDING	
PROPOSED BUILDING	
LIMIT OF DISTURBANCE	
TREE PROTECTION DEVICE (TPD) (SUPER SILT FENCE)	
FOREST RETENTION SIGNAGE	
FOREST CONSERVATION AREA	
SPECIMEN TREES	
TREE CLEAR AREA	
AREA OF FOREST NOT CLEARED OR PROTECTED (COUNTED AS CLEARED ON WORKSHEET)	

STREAM BUFFER CONSERVATION CHART

ACREAGE OF STREAM BUFFER CONSERVED	2.56 AC ±
WIDTH OF STREAM BUFFER CONSERVED	100'
LENGTH OF STREAM BUFFER CONSERVED	693'±



- NOTES:**
- SIGNAGE SHALL BE LOCATED ON FOREST CONSERVATION / REAFFORESTATION AFFORESTATION EASEMENT BORDER.
 - SEE PLAN FOR SPACING.

FOREST CONSERVATION EASEMENT	AREA (IN ACRES)
A	8.09 AC ±
TOTAL	8.09 AC ±

FOREST CLEARING JUSTIFICATION:

IN ORDER TO DEVELOP THE SITE AS SHOWN WITH REQUIRED SEWAGE DISPOSAL AREAS, REQUIRED SWM SWALES AND RAINGARDENS, REQUIRED ROADS, AND HOUSES, 0.72 ACRES OF FOREST MUST BE CLEARED. ADDITIONALLY, THERE ARE 3.24 ACRES OF FOREST WHICH ARE NOT CLEARED OR PROTECTED WITH THIS PLAN.

APPROVED BY: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

[Signature]
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE 3/1/07
[Signature]
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE 3/6/07

DATE	NO.	REVISION

OWNER

NORTHERN LLLP.
 P.O. BOX 228
 CLARKSVILLE, MD 21029
 410-531-5539

DEVELOPER

HIGHLAND DEVELOPMENT CORPORATION
 ATTN: RICHARD DEMMITT
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PROJECT

SOBUS PROPERTY

AREA TAX MAP 6, GRID 5, PARCEL 34, ZONING RC-DEO
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE

FINAL FOREST CONSERVATION PLAN, NOTES AND DETAILS

Patton Harris Rust & Associates, pc
 Engineers, Surveyors, Planners, Landscape Architects.
 8818 Centre Park Drive
 Columbia, MD 21045
 T 410.997.8900
 F 410.997.9282

DATE 01/10/07

DESIGNED BY: ALC
 DRAWN BY: ALC
 PROJECT NO: 13953-1-0
 DATE: JANUARY 12, 2007
 SCALE: 1" = 100'
 DRAWING NO. 2 OF 3

PETER J. STONE #3068

SPECIMEN TREE CHART				
KEY	SPECIES	SIZE	CONDITION	REMAIN OR REMOVE
1	APPLE (Pyrus malus) MULTI-STEM	36"	GOOD	REMAIN
2	TULIP POPLAR (Liriodendron tulipifera)	30"	GOOD	REMAIN
3	WHITE OAK (Quercus alba)	42"	GOOD	REMOVE*
4	NORWAY MAPLE (Acer platanoides) MULTI-STEM	72"	GOOD	REMOVE**
5	SUGAR MAPLE (Acer saccharum) MULTI-STEM	48"	GOOD	REMOVE
6	WHITE OAK (Quercus alba)	36"	GOOD	REMOVE
7	WHITE OAK (Quercus alba)	48"	POOR	REMAIN
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* AT FINAL PLAN STAGE, FURTHER ANALYSIS WILL BE CONDUCTED TO DETERMINE IF TREES CAN BE SAVED.
 ** AT FINAL PLAN STAGE, FURTHER ANALYSIS WILL BE CONDUCTED TO DETERMINE IF TREES CAN BE SAVED. HOWEVER, THIS SPECIES IS NOT A DESIRABLE SPECIES AND IT MAY BE MORE BENEFICIAL TO REMOVE TREES.

SEQUENCE OF OPERATIONS

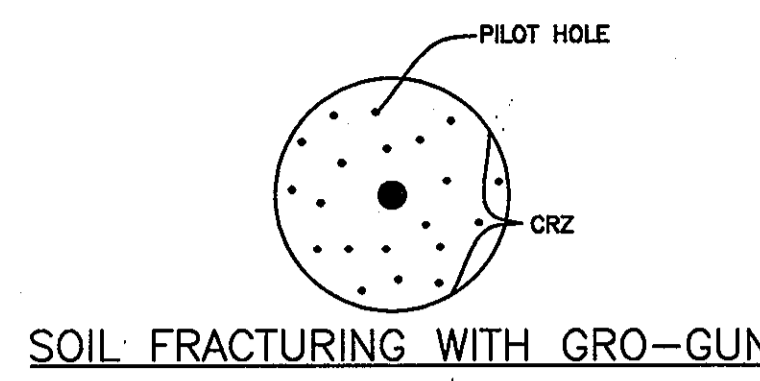
- PRE-CONSTRUCTION SITE PREPARATION
- FIELD STAKE LIMITS OF DISTURBANCE (L.O.D.) AT 25' INTERVALS.
 - REVIEW L.O.D. IN FIELD AND ADJUST IF PRACTICAL.
 - INSTALL TREE PROTECTION FENCE AT THE L.O.D. AND IMPLEMENT TREE PROTECTION METHODS AS SHOWN.
 - CLEAR AND GRUB AS NECESSARY TO FACILITATE ROOT PRUNING TO A DEPTH OF 2-3 FEET WITHIN THE LIMITS OF THE PROPOSED FOREST RETENTION AREA AND AROUND SPECIMEN TREES TO BE SAVED. CLEAR REMAINING TREES IN A WAY THAT "SAVE TREES" ARE NOT DISTURBED. GRIND STUMPS 12" IN DIAMETER AND LARGER THAT ARE WITHIN 25' OF THE L.O.D.
 - DO NOT ATTEMPT TO SAVE TREES WITHIN 25' FROM THE L.O.D. UNLESS, IN THE OPINION OF THE CONSULTING ARBORIST, THEY HAVE A 75% CHANCE OR BETTER OF SURVIVAL.
 - PRUNE AND FERTILIZE DESIRABLE "EDGE TREES" AS PER CONSULTING ARBORIST'S RECOMMENDATIONS AND DETAILS PROVIDED ON THIS SHEET.
 - THERE SHALL BE NO STAGING, STORAGE, OR STOCKPILING OF MATERIALS WITHIN THE NONTIDAL WETLANDS OR 25' NONTIDAL WETLANDS BUFFER, OR OUTSIDE OF THE L.O.D.
 - REMOVE OR TREAT WITH AN ACCEPTABLE METHOD, NOXIOUS PLANT MATERIAL SUCH AS MULTIFLORA ROSE, TEARTHUMB, AND JOHNSON GRASS BEFORE INSTALLING REFORESTATION PLANTS.
 - INSTALL TREE PROTECTION SIGNAGE.
 - STABILIZE ANY DISTURBED AREAS USING THE SPECIFIED STABILIZATION MIXTURE WHICH ALLOWS FOR NATURAL REVEGETATION OF FOREST COMMUNITIES.

FOREST CONSERVATION SEQUENCE OF OPERATIONS

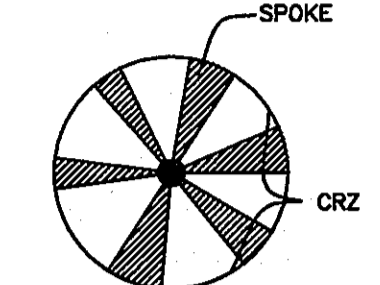
- Prior to beginning any grading operations on this site or on a respective lot, there may be a preconstruction meeting held at the site which is to include the Contractor and representatives from Patton Harris Rust & Associates, Inc. (PHR+A). The Howard County Department of Planning and Zoning (DPZ) and the owner will be notified by the Contractor as to the time and place of the field meeting, should they wish to send a representative. The purpose of this meeting will be to review the approved FCP and to field verify the correct Limits of Disturbance (LOD).
- The Limits of Disturbance (LOD) pertinent to the preservation of wooded areas shall be staked in the field with final adjustments being made as necessary to insure adequate protection of the Critical Root Zone of trees designated for retention. Stakes to be used shall be those specified for the "TREE PROTECTION DEVICE" to which approved protective material will be attached. Alternate means of defining the LOD may be used if approved by the DPZ.
- All forest retention areas shall be protected by highly visible, well anchored temporary protection devices (see detail), which shall be securely in place prior to any clearing or grading operations.
- Grading operations or other construction operations which could dislodge or otherwise damage the protective devices shall be avoided along the edges of the LOD lines if possible. Any protective devices which are damaged during site construction operations shall be properly repaired immediately by the Contractor.
- After site grading, utility access road, and driveway construction have been completed, all trees adjacent to the LOD line shall be inspected for indications of crown die-back (summer indicator), damage within respective critical root zones or any dead wood or other conditions which might be hazardous to pedestrians, buildings, utility lines vehicular access ways or parked vehicles.
- Should there be evidence of any damage to tree trunks, branches or the critical root zone of trees within the protected areas, or to isolated specimen trees to be preserved, the damage shall be examined within a period of two (2) days from the date of observance by a licensed tree care professional. Exposed roots should be covered immediately to a depth of 6 - 8 inches with soil, preferably mixed with 50% peat moss or leaf mold.
- Remove damaged, dead or dying trees or limbs only if the trees or limbs pose an immediate safety hazard to buildings, utility lines, vehicles, or access and egress drives or pedestrian areas. Trees designated for pruning or removal shall be pruned or removed using equipment and methods which will not damage or destroy adjacent large trees or understory trees or shrubs designated for retention.
- All temporary forest protection devices will be carefully removed after all general construction, necessary tree surgery, removal of debris, etc. regrading and reseeding of sediment and erosion control disturbance have been completed and acceptance and approval of the work and site conditions have been given by the DPZ.

FOREST CONSERVATION PROGRAM

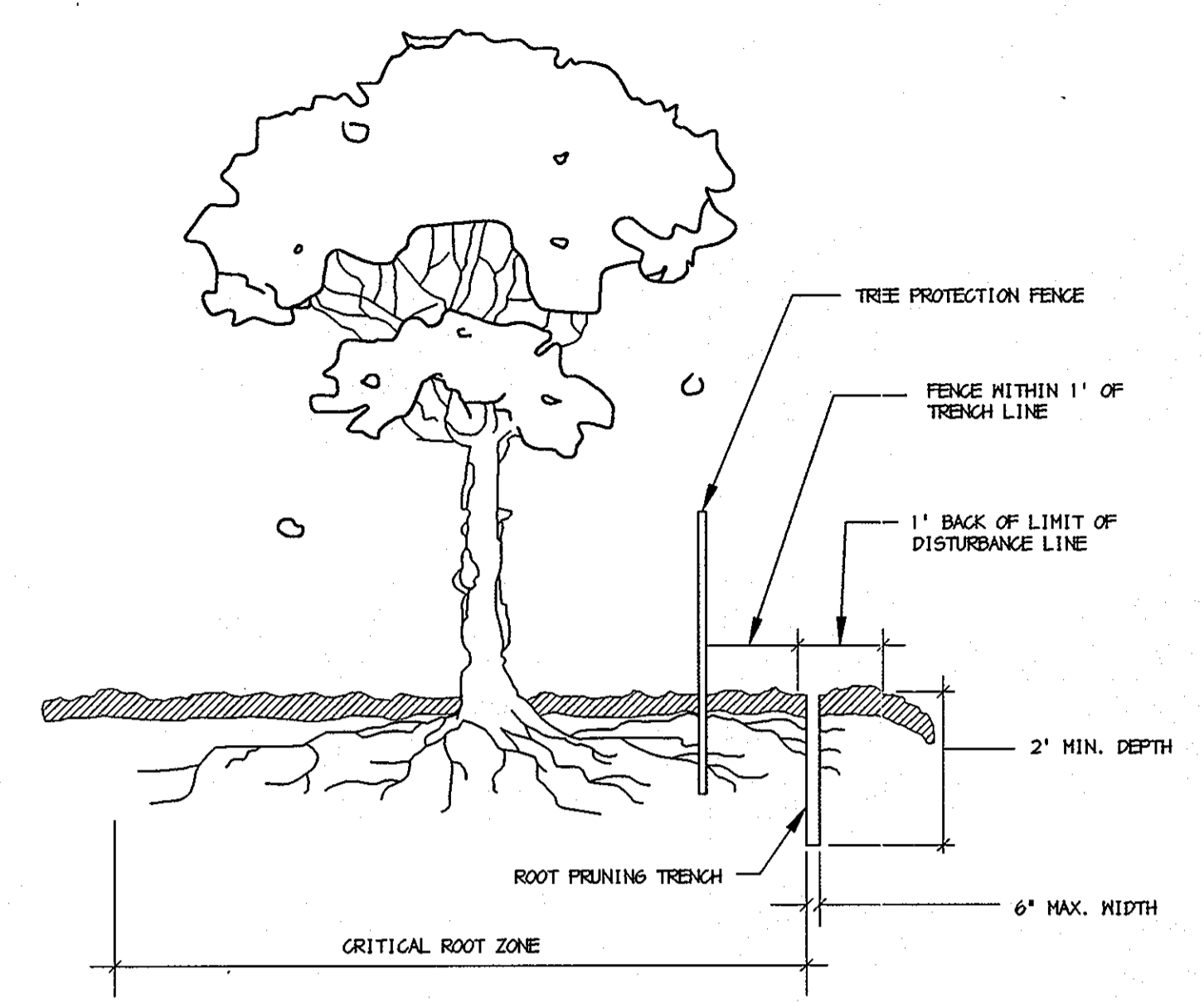
- OBJECTIVE:**
IT IS THE OBJECTIVE OF THE FOREST CONSERVATION PLAN OF THE SOBUS PROPERTY TO RETAIN ENVIRONMENTAL INTEGRITY BY PRESERVING EXISTING WOODED AREAS.
- PRESERVATION:**
FOREST PRESERVATION AREAS SHALL BE PERMANENTLY PROTECTED BY FOREST CONSERVATION EASEMENTS.
- GENERAL CONSTRUCTION NOTE:**
THERE WILL BE NO STAGING OR STORING OF EQUIPMENT WITHIN THE LIMIT OF DISTURBANCE.
- POST CONSTRUCTION MANAGEMENT PRACTICE:**
A TWO-YEAR POSTED CONSTRUCTION AND MANAGEMENT PROGRAM TO ENSURE FOREST HEALTH IS REQUIRED AND INCLUDES THE FOLLOWING:
 1-MAINTENANCE OF SIGNS, FENCES, AND TREE PROTECTION DEVICES TO
 2-PREVENT UNWARRANTED INTRUSION AND DAMAGE.
 3-CAREFUL REMOVAL OF ALL TEMPORARY STRUCTURES AFTER CONSTRUCTION.
 4-ROUTINE INSPECTIONS OF FOREST CONSERVATION EASEMENTS.



- NOTES**
- USING AIRSPADE, INSTALL PILOT HOLES 4-6" DEEP 8" ON CENTER THROUGHOUT CRITICAL ROOT ZONE (CRZ).
 - USING 185 CFM COMPRESSOR AND GRO-GUN, SEND BURST OF AIR TO PILOT HOLE.
 - APPLY LEAF COMPOST OF EQUAL 2" THICK.
 - SOIL DRENCH AREA WITHIN CRZ.

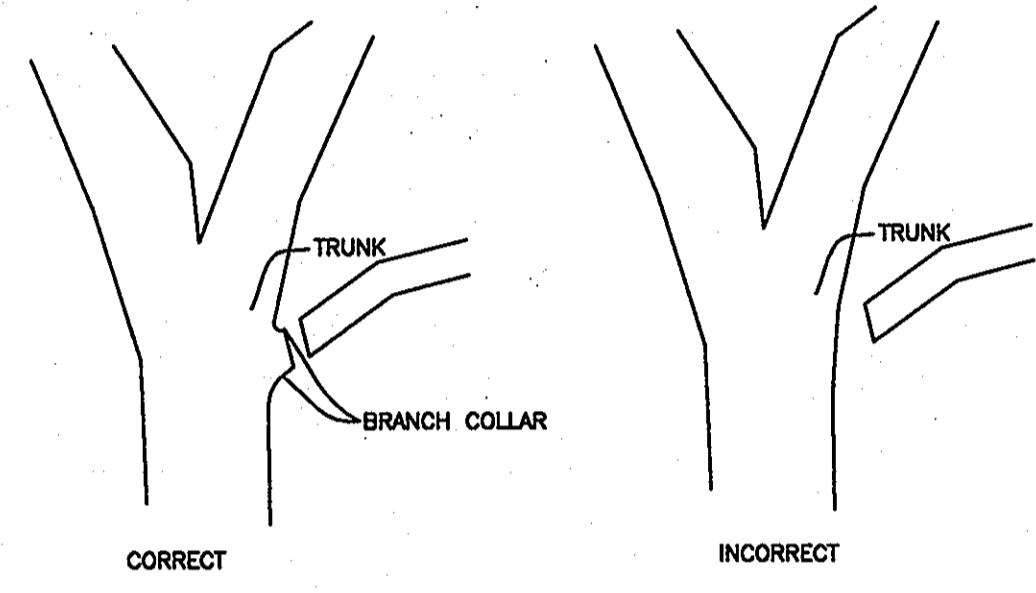
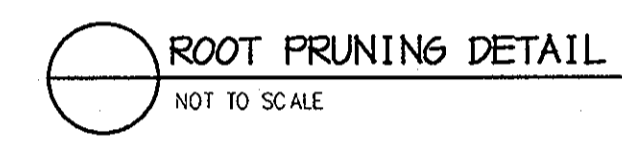


- NOTES**
- USING AIRSPADE, EXCAVATE SPOKES, REMOVE SPOILS AND BACKFILL WITH LEAF COMPOST OR EQUIVALENT.



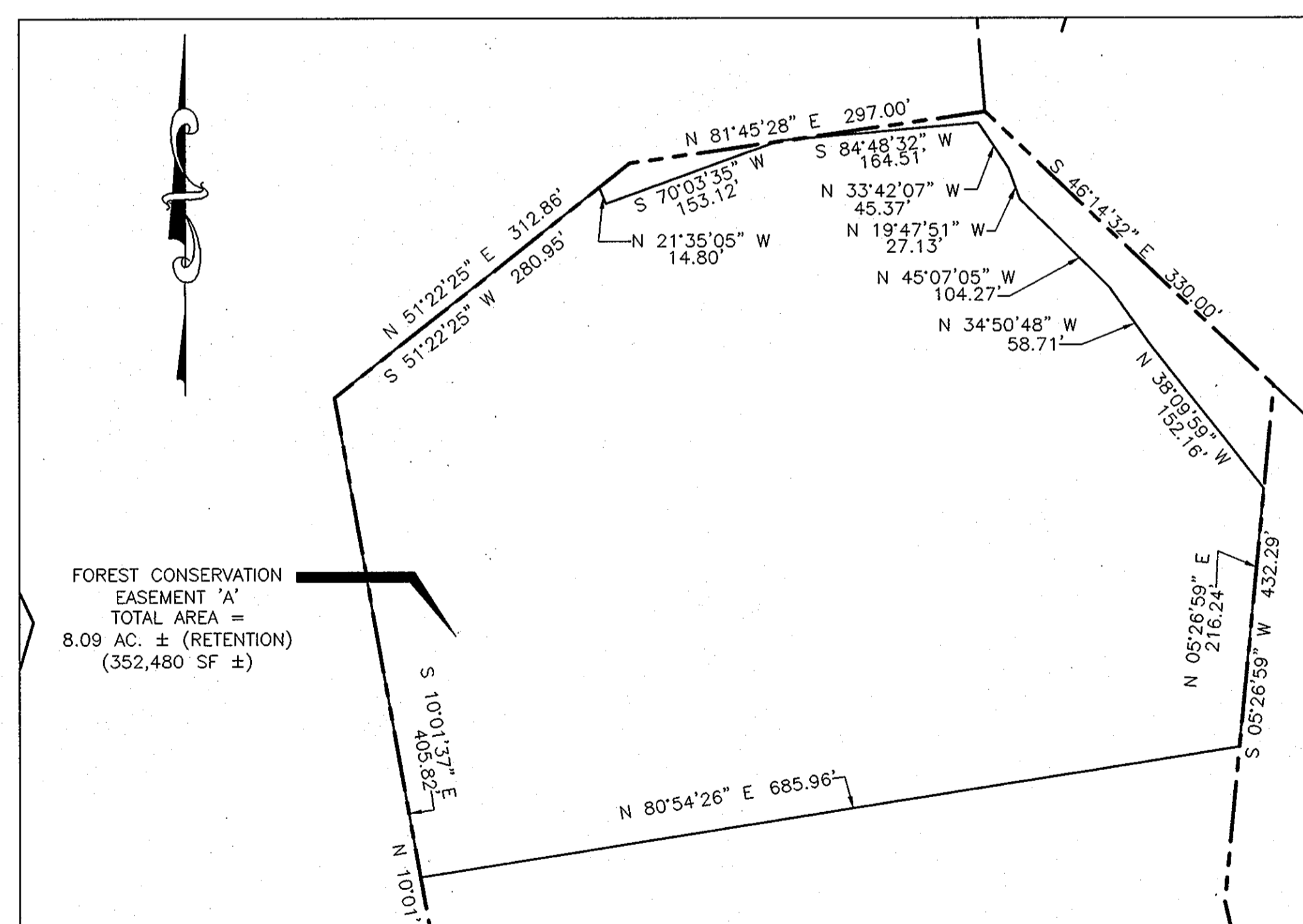
- NOTES:**
- RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS.
 - BOUNDARIES OF RETENTION AREAS SHOULD BE STAKED AND FLAGGED PRIOR TO TRENCHING.
 - EXACT LOCATION OF TRENCH SHOULD BE IDENTIFIED.
 - TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH SOIL REMOVED OR OTHER HIGH ORGANIC SOIL.
 - ROOTS SHOULD BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT.

SOURCE: City of Gaithersburg, Maryland. CITY TREE MANUAL
 Adapted from Maryland State FOREST CONSERVATION MANUAL



TREE PRUNING METHOD AT BRANCH COLLAR

- NOTES**
- ALL TREES REQUIRING PRUNING SHALL BE PRUNED AS SHOWN. BRANCHES SHALL NOT BE PRUNED BACK TO TRUNK. PRUNE ONLY BACK TO BRANCH COLLAR.



FOREST CONSERVATION EASEMENT 'A' BEARINGS AND DISTANCES

SCALE: 1" = 100'

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

Richard Demmitt 3/17
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

Carole Hamstra 3/2/07
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

DATE	NO.	REVISION

OWNER: NORTHERN LLLP.
 P.O. BOX 228
 CLARKSVILLE, MD 21029
 410-531-5539

DEVELOPER: HIGHLAND DEVELOPMENT CORPORATION
 ATTN: RICHARD DEMMITT
 P.O. BOX 228
 CLARKSVILLE, MD 21029
 410-531-5539

PROJECT: SOBUS PROPERTY

AREA TAX MAP 6, GRID 5, PARCEL 34, ZONING RC-DEO
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE: FINAL FOREST CONSERVATION NOTES

Patton Harris Rust & Associates, PC
 Engineers, Surveyors, Planners, Landscape Architects.
 8818 Centre Park Drive
 Columbia, MD 21045
 T 410.997.8900
 F 410.997.9282

PHR+A

DATE: 1.10.07

PETER J. STONE #3068

DESIGNED BY:	ALC
DRAWN BY:	ALC
PROJECT NO.:	13953-1-0
DATE:	JANUARY 12, 2007
SCALE:	NOT TO SCALE
DRAWING NO.:	3 OF 3