LEGEND

- PROPERTY LINE
- EXISTING TREELINE
- PROPOSED TREELINE
- PROPOSED LOT LINE
- 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)
- AFFORESTATION SIGNAGE
- AFFORESTATION AREA
- SPECIMEN TREES TO BE REMOVED
- SPECIMEN TREES TO REMAIN
- SLOPES 15-25%
- SLOPES > 25%
- FOREST CLEARING
- AREA OF FOREST NOT CLEARED OR PROTECTED (COUNTED AS CLEARED ON WORKSHEET) AND AREA OF EXISTING VEGETATION (NON-FOREST) NOT CLEARED OR PROTECTED

APPROVED : DEPARTMENT OF PLANNING AND ZONING

CHIEF, DIVISION OF LAND DEVELOPMENT — DATE 9/26/08

CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE 9/26/08

DATE	NO.	REVISION

OWNER
TROTTER POINT LLC
ATTN: BRIAN BOY
11807 WOLLINGFORD CT
CLARKSVILLE, MD 21029
T: 410.792.2565

DEVELOPER
TROTTER POINT LLC
ATTN: BRIAN BOY
9695 NORFOLK AVENUE
LAUREL, MD 20723
T: 410.792.2565

PROJECT
TROTTER POINT
A RESUBDIVISION OF FOREST HILLS LOT 15, PLAT BOOK 5, P. 4

AREA
TAX MAP 35 GRID 2 PARCEL 8 ZONED R-20
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE
FINAL FOREST CONSERVATION PLAN

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

SEAL — STATE OF MARYLAND — 3068 — PETER J. STONE — REGISTERED PROFESSIONAL ENGINEER

BY: 9-23-08

PETER J. STONE #3068

DESIGNED BY :	ALC
DRAWN BY:	ALC
PROJECT NO :	12888-1-1\C400FDP09.DWG
DATE :	SEPTEMBER 24, 2008
SCALE :	1"=40'
DRAWING NO.	1 OF 2

F-08-162

GENERAL NOTES:

1. THE SITE IS LOCATED ALONG TROTTER ROAD IN CLARKSVILLE, MD 21029 (TAX MAP 35, PARCEL 8). THE SITE AREA IS 2.50 ACRES.
2. TOPOGRAPHIC AND BOUNDARY INFORMATION IS FROM A FIELD SURVEY PREPARED BY PATTON HARRIS RUST & ASSOCIATES DATED JANUARY 2007.
3. THE SITE IS ZONED R-20 (RESIDENTIAL). PARCEL 8 CONTAINS THE REMAINS OF A DEMOLISHED HOUSE AND TWO REMAINING SHEDS.
4. NO RARE, THREATENED, OR ENDANGERED PLANTS OR ANIMALS OR CRITICAL HABITATS WERE OBSERVED IN THE FIELD.
5. NO TREES, SHRUBS, OR PLANTS IDENTIFIED AS RARE, THREATENED OR ENDANGERED SPECIES WERE OBSERVED.
6. THERE ARE NO KNOWN CEMETERIES OR BURIAL PLOTS LOCATED ON THE SITE, ACCORDING TO THE HOWARD COUNTY CEMETERIES INVENTORY.
7. THERE ARE NO EXISTING BUILDINGS ON THE SITE. STRUCTURES ARE PROPOSED AS SHOWN.
8. THIS SITE IS LOCATED IN THE MIDDLE PATUXENT RIVER WATERSHED (#2131108).
9. THERE IS AN INTERMITTENT STREAM LOCATED ON THIS SITE ALONG TROTTER ROAD. NO WETLANDS OR FLOODPLAIN EXIST ON THIS PROPERTY.
10. THIS SITE DOES NOT CONTAIN HYDRIC SOILS. THE SOILS ON SITE ARE GLADSTONE LOAM (3-8% SLOPES)-GbB, GLADSTONE LOAM (8-15% SLOPES)-GbC, GLENVILLE SILT LOAM (3-8% SLOPES)-GmB, AND MANOR LOAM (15-25% SLOPES)-MaD ACCORDING TO THE USDA NATURAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY.
11. THE FSD, DATED JUNE 17, 2008, HAS BEEN PREPARED BY PATTON HARRIS RUST & ASSOCIATES IN CONJUNCTION WITH THESE PLANS. FIELD WORK FOR THIS INVENTORY WAS CONDUCTED ON JULY 20, 2006 & FEBRUARY 23, 2007 BY JONATHAN NORMAN, PLANNER OF PATTON HARRIS RUST AND ASSOCIATES UNDER THE SUPERVISION OF PETER J. STONE, RLA AND SCOTT R. WOLFORD RLA OF PATTON HARRIS RUST AND ASSOCIATES.
12. THERE IS ONE EXISTING FOREST STAND LOCATED ON SITE, AS SHOWN ON THE PLAN. FOREST STAND 1 IS A MEDIUM PRIORITY FOREST STAND DUE TO MINIMAL PROTECTED ENVIRONMENTAL SYSTEMS.
13. THERE ARE 7 SPECIMEN TREES LOCATED ON SITE, AS SHOWN ON THE PLAN.
14. THE HOWARD COUNTY FOREST CONSERVATION MANUAL SUPERCEDES ANY DISCREPANCIES BETWEEN THE MANUAL AND THESE PLANS.
15. THIS PROJECT COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION.
16. THE FOREST CONSERVATION OBLIGATION FOR THIS PLAN HAS BEEN SATISFIED BY THE CREATION OF A 0.42 ACRE (18,295.20 SF) ONSITE AFFORESTATION EASEMENT. FOREST CONSERVATION SURETY IN THE AMOUNT OF $9,147.60 (18,295.2 SF x $0.50/SF) WILL BE POSTED. THE REMAINING REQUIREMENT OF 0.30 ACRES WILL MET BY PAYMENT OF A FEE-IN-LIEU OF $9,801.00 (0.30 ACRES X 43,560 SF X $0.75/SF). THE PROPOSED AFFORESTATION AREA WILL BE PLANTED WITH MATURE TREES (1"-2" CALIPER).
17. BEARINGS AND DISTANCES FOR THE EXISTING FOREST CONSERVATION EASEMENTS TO BE ESTABLISHED UPON RECORDATION OF ASSOCIATED SUBDIVISION PLAT F-08-162.

PLANT COMMUNITY SUMMARY			
SYMBOL	COMMUNITY	AREA	PRIORITY RETENTION
F1	FOREST	0.34 Ac.±	MEDIUM

FOREST CONSERVATION EASEMENT	AREA RETENTION (IN ACRES)	AREA AFFORESTATION (IN ACRES)
A	0	0.42 AC ±
TOTAL	0	0.42 AC ±

STREAM BUFFER CONSERVATION CHART	
ACREAGE OF STREAM BUFFER CONSERVED	0.15 AC ±
WIDTH OF STREAM BUFFER CONSERVED	50'
LENGTH OF STREAM BUFFER CONSERVED	137'±

SPECIMEN TREE CHART

KEY	SPECIES	SIZE	CONDITION	REMAIN/REMOVE
1	BLACK LOCUST (Robinia pseudoacacia)	48"	GOOD	REMAIN
2	BLACK LOCUST (Robinia pseudoacacia)	48"	GOOD	REMAIN
3	SILVER MAPLE (Acer saccharinum)	32"	GOOD	REMOVE
4	TULIP POPLAR (Liriodendron tulipifera)	30"	GOOD	REMOVE
5	TULIP POPLAR (Liriodendron tulipifera)	44"	GOOD	REMOVE
6	SLIPPERY ELM (Ulmus rubra)	40"	GOOD	REMAIN
7	SILVER MAPLE (Acer saccharinum)	51"	GOOD	REMOVE

SOILS CHART

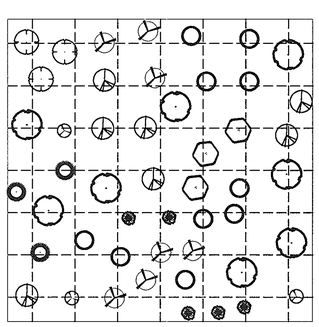
MAP SYMBOL	NAME	STRUCTURAL LIMITATIONS Dwellings w/ Basements	EROSION HAZARD	HYDRIC (Yes/No)	SLOPE (%)	k FACTOR
GbB	Gladstone loam	Not limited	–	No	3–8	–
GbC	Gladstone loam	Somewhat limited: slope	Moderate	No	8–15	–
GmB	Glenville silt loam	Very limited: Depth to saturated zone	Moderate	No	3–8	0.22
MaD	Manor loam	Very limited: flooding, Depth to saturated zone	Moderate	No	15–25	0.43

SOURCE: USDA NATURAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY

Howard County Forest Conservation Worksheet

Project Name: TROTTER POINT
County File #:
Date: June 17, 2008

			Acres
Net Tract Area			
A.	*Total Tract Area*	A =	2.50
B.	*Other Deductions:*	B =	0.00
C.	*Net Tract Area* Net Tract Area = (A-B-C)	C =	2.50
Land Use Category:	RESIDENTIAL SUBURBAN		
D.	*Afforestation Threshold* (Net Tract Area X 15%)	D =	0.38
E.	*Conservation Threshold* (Net Tract Area X 20%)	E =	0.50
Existing Forest Cover			
F.	***Existing Forest Cover within the Net Tract Area***	F =	0.34
G.	*Area of Forest Above Conservation Threshold* If the Existing Forest Cover (F) is greater than Conservation Threshold (G), then G = Existing Forest Cover (F) - Conservation Threshold (E); Otherwise G = 0	G =	0.00
Break Even Point			
H.	*Break Even* (Amount of forest that must be retained so that no mitigation is required) (1) If the area of forest above the Conservation Threshold (G) is greater than zero, then H = (0.2 X the area of forest above Conservation Threshold (G)) + the Conservation Threshold (E) (2) If the area of forest above the Conservation Threshold (G) is equal to zero, then H = Existing Forest Cover (F)	H =	0.34
I.	*Forest Clearing Permitted Without Mitigation* I = Existing Forest Cover (F) - Break Even Point (H)	I =	0.00
Proposed Forest Clearing			
J.	***Total Area of Forest to be Cleared***	J =	0.34
K.	*Total Area of Forest to be Retained* K = Existing Forest Cover (F) - forest to be cleared (J)	K =	0.00
Planting Requirements			
If the Total Area of Forest to be Cleared (K) 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); If not, calculate the planting requirement below:			
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) X 0.25: or (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) X 0.25	L =	0.00
M.	*Reforestation for Clearing Below the Conservation Threshold* (1) if Existing Forest Cover (F) is greater than Conservation Threshold (E) and the forest to be retained (K) is less than or equal to the Conservation Threshold (E), then M = 2.0 X (the Conservation Threshold (E) - the forest to be retained (K)) (2) If Existing Forest (F) is less than or equal to the Conservation Threshold (E), then M = 2.0 X Forest to be cleared (J).	M =	0.68
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	N =	0.00
P.	*Total Reforestation Required* P = L + M - N	P =	0.68
Q.	*Total Afforestation Required* (1) If Existing Forest Cover (F) is less than the Afforestation Threshold (D) then Q = the Afforestation Threshold (D) - the Existing Forest Cover (F)	Q =	0.04
R.	*Total Planting Requirement* R = P + Q	R =	0.72



KEY

TREES

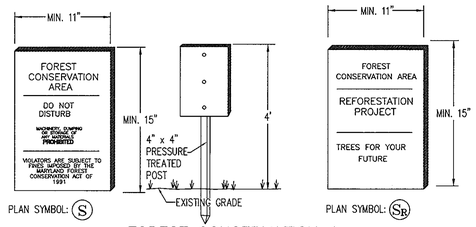
- TREE SPECIES 'A'
- TREE SPECIES 'B'
- TREE SPECIES 'C'
- TREE SPECIES 'D'
- TREE SPECIES 'E'
- TREE SPECIES 'F'
- TREE SPECIES 'G'
- TREE SPECIES 'H'
- TREE SPECIES 'I'

NOTES

1. RANDOMLY LOCATE GROUPS OF PLANT SPECIES, TAKING CARE NOT TO PLANT IN SUCCESSION MORE THAN 4 OF THE SAME SPECIES.
2. THIS DETAIL PROVIDES A HYPOTHETICAL GRAPHIC DEPICTION OF A PROPOSED LAYOUT FOR NINE DIFFERENT TREE SPECIES (A-I). IT IS NOT MEANT TO BE FOLLOWED EXACTLY. THE PURPOSE IS TO ACHIEVE THE APPEARANCE OF RANDOM SPACING. SEE PLANT LIST FOR ACTUAL NUMBER OF PLANT SPECIES.
3. SEE PLANT LIST FOR ON-CENTER SPACING REQUIREMENTS.
4. IN FOREST CONSERVATION AREA PLANTING BETWEEN 20'-45' FROM OVERHEAD POWER LINES, ONLY SERVICEBERRY, FRINGETREE, EASTERN RED CEDAR, AND HOLLY CAN BE PLANTED PER BGE REQUIREMENTS

RANDOM PLANTING LAYOUT DETAIL

NOT TO SCALE



FOREST CONSERVATION & REFORESTATION SIGN DETAIL

NOT TO SCALE

NOTES:
1. SIGNAGE SHALL BE LOCATED ON FOREST CONSERVATION / REFORESTATION / AFFORESTATION EASEMENT BORDER. SIGNAGE WILL BE IN PLACE FOR PERPETUITY.
2. SEE PLAN FOR SPACING.

FOREST CONSERVATION PROGRAM

I. OBJECTIVE:
IT IS THE OBJECTIVE OF THE FOREST CONSERVATION PLAN OF THE TROTTER POINT PROPERTY TO RETAIN ENVIRONMENTAL INTEGRITY BY PRESERVING EXISTING WOODED AREAS & REFORESTING AREAS ON SITE. REFORESTED AREAS WILL BE PLANTED WITH MATURE TREES (1"-2" CALIPER).

II. PRESERVATION:
FOREST PRESERVATION AREAS SHALL BE PERMANENTLY PROTECTED BY FOREST CONSERVATION EASEMENTS.

III. GENERAL CONSTRUCTION NOTE:
THERE WILL BE NO STAGING OR STORING OF EQUIPMENT OUTSIDE THE LIMIT OF DISTURBANCE.

IV. 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 PREVENT UNWARRANTED INTRUSION AND DAMAGE.
2-CAREFUL REMOVAL OF ALL TEMPORARY STRUCTURES AFTER CONSTRUCTION.
3-ROUTINE INSPECTIONS OF FOREST CONSERVATION EASEMENTS.
4-ROUTINE INSPECTIONS AND MAINTENANCE OF REFORESTATION AREAS.

FOREST CLEARING JUSTIFICATION:

IN ORDER TO DEVELOP THE SITE AS SHOWN WITH REQUIRED DRIVEWAYS, AND HOUSES, 0.34 ACRES OF FOREST MUST BE CLEARED. OF THE 0.34 ACRES OF FOREST, THERE ARE 0.11 ACRES WHICH ARE NOT CLEARED OR PROTECTED WITH THIS PLAN.

SEQUENCE OF OPERATIONS

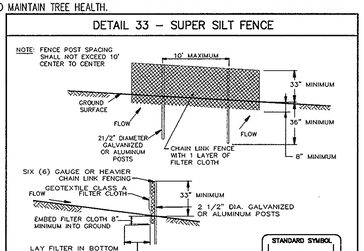
PRE-CONSTRUCTION
SITE PREPARATION

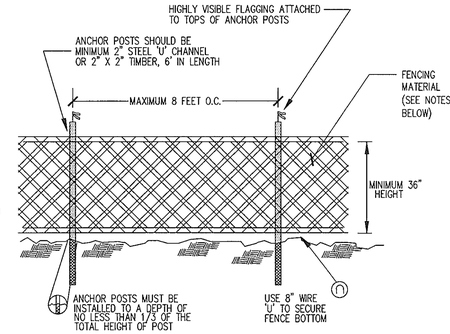
1. FIELD STAKE LIMITS OF DISTURBANCE (L.O.D.) AT 25' INTERVALS.
2. REVIEW L.O.D. IN FIELD AND ADJUST IF PRACTICAL.
3. INSTALL TREE PROTECTION FENCE AT THE L.O.D. AND IMPLEMENT TREE PROTECTION METHODS AS SHOWN. THE AREA BELOW THE DRIPLINE OF EXISTING TREES TO REMAIN/BE SAVED SHOULD REMAIN UNDISTURBED FROM CUTTING AND FILLING DURING THE DEVELOPMENT PROCESS. NO IMPERVIOUS MATERIAL SHOULD BE PLACED UNDER THE DRIPLINE OF TREES TO REMAIN. TREE PROTECTION FENCE IS REQUIRED TO BE INSTALLED AROUND THE TREES AT THE LIMIT OF DISTURBANCE. TREE PROTECTION FENCE IS ALSO REQUIRED AROUND EACH SPECIMEN TREE TO REMAIN. SEE PLAN FOR TREE PROTECTION FENCE LOCATIONS.
4. 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.
5. PRUNE AND FERTILIZE DESIRABLE 'EDGE TREES' AS PER CONSULTING ARBORIST'S RECOMMENDATIONS AND DETAILS PROVIDED ON THIS SHEET.
6. THERE SHALL BE NO STAGING, STORAGE, OR STOCKPILING OF MATERIALS OUTSIDE OF THE L.O.D., OR WITHIN THE DRIPLINE OF SPECIMEN TREES TO BE SAVED.
7. REMOVE OR TREAT WITH AN ACCEPTABLE METHOD, NOXIOUS PLANT MATERIAL SUCH AS MULTIFLORA ROSE, TEARTHUMB, AND JOHNSON GRASS BEFORE INSTALLING REFORESTATION PLANTS.
8. INSTALL TREE PROTECTION SIGNAGE. TREE PROTECTION SIGNAGE WILL BE IN PLACE FOR PERPETUITY.
9. STABILIZE ANY DISTURBED AREAS USING THE SPECIFIED STABILIZATION MIXTURE WHICH ALLOWS FOR NATURAL REVEGETATION OF FOREST COMMUNITIES.

FOREST CONSERVATION SEQUENCE OF OPERATIONS

1. 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).
2. 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.
3. 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.
4. THE AREA BELOW THE DRIPLINE OF EXISTING TREES TO REMAIN/BE SAVED SHOULD REMAIN UNDISTURBED FROM CUTTING AND FILLING DURING THE DEVELOPMENT PROCESS. NO IMPERVIOUS MATERIAL SHOULD BE PLACED UNDER THE DRIPLINE OF TREES TO REMAIN. TREE PROTECTION FENCE IS REQUIRED TO BE INSTALLED AROUND THE TREES AT THE LIMIT OF DISTURBANCE. TREE PROTECTION FENCE IS ALSO REQUIRED AROUND EACH SPECIMEN TREE TO REMAIN. SEE PLAN FOR TREE PROTECTION FENCE LOCATIONS.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. ALL SPECIMEN TREES AND TREES TO REMAIN SHALL BE MONITORED AND WATERED AS NEEDED DURING CONSTRUCTION TO MAINTAIN TREE HEALTH.

DETAIL 33 - SUPER SILT FENCE





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

TREE PROTECTION FENCING

NOT TO SCALE

AFFORESTATION PLANTING LISTS - EASEMENT A

QUANTITIES	SCIENTIFIC/ COMMON NAME	SIZE	ROOT	REMARKS
11	LIRIODENDRON TULIPIFERA / TULIP TREE	1" CAL.*	B & B	FULL CROWN 15' ± SPACING; SEE RANDOM PLANTING DETAIL
11	LIQUIDAMBAR STYRACIFLUA / SWEET GUM			
11	QUERCUS PALUSTRIS / PIN OAK			
11	FAGUS GRANDIFOLIA / AMERICAN BEECH			
12	NYSSA SYLVATICA/ BLACK GUM			
7	AMELANCHER CANADENSIS / SERVICEBERRY			
7	CHIONANTHUS VIRGINICUS / WHITE FRINGETREE			
7	ILEX OPACA / AMERICAN HOLLY	3-4' HT.		
7	JUNIPERUS VIRGINIANA / EASTERN RED CEDAR	3-4' HT.		
TOTAL AREA: 0.42 ACRES				
TREES REQUIRED: 84				
TREES PROVIDED: 84				

*NOTE: CALCULATIONS FOR 1" CAL. PLANTS IS BASED ON 200 PLANTS PER ACRE.

APPROVED : DEPARTMENT OF PLANNING AND ZONING

CHIEF, DIVISION OF LAND DEVELOPMENT — DATE 9/26/08

CHIEF, DEVELOPMENT ENGINEERING DIVISION — DATE 9/26/08

DATE	NO.	REVISION

OWNER
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ATTN: BRIAN BOY
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PROJECT
TROTTER POINT
A RESUBDIVISION OF FOREST HILLS LOT 15, PLAT BOOK 5, P. 4

AREA
TAX MAP 35 GRID 2 PARCEL 8 ZONED R-20
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE
FINAL FOREST CONSERVATION NOTES AND TABULATIONS

Patton Harris Rust & Associates, pc
Engineers. Surveyors. Planners. Landscape Architects.
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T 410.997.8900
F 410.997.9282

SEAL — STATE OF MARYLAND — 3068 — PETER J. STONE

BY: 9.23.08

PETER J. STONE #3068

DESIGNED BY :	ALC
DRAWN BY:	ALC
PROJECT NO :	12888-1-1\C400FDP10.DWG
DATE :	SEPTEMBER 24, 2008
SCALE :	AS SHOWN
DRAWING NO.	2 OF 2

F-08-162