

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	TYPE
ShC2	DELTAVILLE SILT LOAM, 5 TO 10 PERCENT SLOPES, MODERATELY ERODED	C
CID2	CHILLUM GRAVELLY LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY ERODED	C
luB	LUKA LOAM, LOCAL ALLUVIUM, 1 TO 5 PERCENT SLOPES	C

NOTE: HOWARD SOIL SURVEY, MAP NUMBER 26

FOREST CONSERVATION WORKSHEET

NET TRACT AREA:
 A. TOTAL TRACT AREA = 1.85 AC
 B. AREA WITHIN 100 YEAR FLOODPLAIN = 0.00 AC
 C. AREA TO REMAIN IN AGRICULTURAL PRODUCTION = 0.00 AC
 D. NET TRACT AREA = 1.85 AC

LAND USE CATEGORY (FROM TABLE 3.2.1, PAGE 40, MANUAL)
 INPUT THE NUMBER "1" UNDER THE APPROPRIATE LAND USE ZONING, AND LIMIT TO ONLY ONE ENTRY.
 ARA MDR IDA HDR MPD CIA
 0 0 0 0 0 0

EXISTING FOREST COVER:
 G. EXISTING FOREST COVER (EXCLUDING FLOODPLAIN) = 0.00 AC
 H. AREA OF FOREST ABOVE AFFORESTATION THRESHOLD = 0.00 AC
 I. AREA OF FOREST ABOVE CONSERVATION THRESHOLD = 0.00 AC

BREAK EVEN POINT: $(0.2 \times 1.86) \div (0.2 \times 0) = 0.37$
 J. FOREST RETENTION ABOVE THRESHOLD WITH NO MITIGATION = 0.00 AC
 K. CLEARING PERMITTED WITHOUT MITIGATION = 0.00 AC

PROPOSED FOREST CLEARING:
 L. TOTAL AREA OF FOREST TO BE CLEARED = 0.00 AC
 M. TOTAL AREA OF FOREST TO BE RETAINED = 0.00 AC

PLANTING REQUIREMENTS:
 N. AFFORESTATION FOR CLEARING ABOVE CONSERVATION THRESHOLD = 0.00 AC
 O. CREDIT FOR RETENTION ABOVE CONSERVATION THRESHOLD = 0.00 AC
 P. CREDIT FOR RETENTION ABOVE AFFORESTATION THRESHOLD = 0.00 AC
 R. TOTAL AFFORESTATION REQUIRED = 0.28 AC
 S. TOTAL AFFORESTATION PROVIDED = 0.28 AC
 T. TOTAL AFFORESTATION AND AFFORESTATION REQUIRED = 0.28 AC

FC OBLIGATION TO BE FULFILLED BY ON-SITE AFFORESTATION IN THE AMOUNT OF 0.28 AC.

NOTES

- SEE "LANDSCAPE SPECIFICATION GUIDELINES FOR BALTIMORE WASHINGTON METROPOLITAN AREAS" FOR ALL MATERIAL, PRODUCT, AND PROCEDURE SPECIFICATIONS.
 - SEE "LANDSCAPE GUIDELINES" FOR SUPPORTING TREES LARGER THAN 2-1/2" CALIPER.
 - PLACE UPRIGHT STAKES PARALLEL TO WALKS & BUILDINGS.
 - KEEP MULCH 1" FROM TRUNK.
- LEADER MUST REMAIN INTACT
 PRUNE APPROXIMATELY 50% OF CROWN - SEE "LANDSCAPE GUIDELINES". DO NOT PRUNE EVERGREEN TREES.
- 3 STRANDS OF GALVANIZED WIRE TWISTED FOR SUPPORT
 UPRIGHT STAKES - SET IN GROUND TO FIRM BEARING
 RUBBER HOSE
 CUT BURLAP & ROPE FROM TOP OF BALL
 3" DEPTH MULCH
 2" LATHY SAUCER
 FINISH GRADE
 1/8" DEPTH OF BALL
 PLANTING MIX - SEE PLANTING NOTES
 LOOSENEED SUBSOIL

TREE PLANTING AND STAKING

DECIDUOUS TREES UP TO 3" CALIPER NOT TO SCALE

QUAN.	BOTANICAL NAME	SIZE
20	Acer rubrum Red Maple	1" Cal.
9	Liquidambar styraciflua American Sweet Gum	1" Cal.
9	Platanus occidentalis Sycamore	1" Cal.
9	Prunus serotina Black Cherry	1" Cal.
9	Quercus palustris Pin Oak	1" Cal.
TOTAL AFFORESTATION PROVIDED=12200 SF OR 0.28 AC		

AFFORESTATION NOTES

- AT COMPLETION OF HOUSE CONSTRUCTION, ANY DISTURBED AREAS WITHIN THE CONSERVATION EASEMENT WILL BE VEGETATIVELY STABILIZED WITH ANNUAL RYE AND BIRD'S FOOT TREFLOIL.
- ANY EXISTING TALL GRASSES WITHIN THE CONSERVATION EASEMENT SHALL BE MOWED TO A HEIGHT OF 3 INCHES.
- RANDOMLY SPACE SEEDLINGS/WHIPS SO THAT NO MORE THAN 5 OF ANY PARTICULAR SPECIES ARE PLANTED IN SUCCESSION.
- ALL PROPOSED PLANT MATERIAL TO BE NATIVE PLANT SPECIES. NO ORNAMENTAL CULTIVARS TO BE USED. USE LOCAL GENETIC STOCK UP TO A 100-MILE RADIUS.
- AFFORESTATION MANAGEMENT RECORDS SHOULD BE KEPT FOR HOWARD COUNTY REVIEW.
- YEAR 1: INSPECT TREES FOR HEALTH AND VIGOR AT: A. BEGINNING OF GROWING SEASON, B. MIDSUMMER AND C. FALL. ADJUST WATERING, PEST CONTROL, WEEDING AND FEEDING AS NEEDED. AFTER ONE YEAR, REPLACE ANY WHIP-SIZED PLANTS THAT DID NOT SURVIVE DURING THE NEXT PLANTING SEASON.
- YEAR 2: INSPECT TREES FOR HEALTH AND VIGOR IN APRIL AND OCTOBER. ADJUST WATERING, PEST CONTROL, WEEDING AND FEEDING AS NEEDED. REPLACE ANY WHIP-SIZED PLANTS THAT DID NOT SURVIVE YEAR 2 DURING THE NEXT PLANTING SEASON.
- CONTRACTOR TO FOLLOW ALL STATE AND COUNTY GUIDELINES FOR AFFORESTATION.
- IN ORDER TO INSURE SURVIVABILITY, THE PERSON RESPONSIBLE FOR INSTALLATION SHALL INSPECT AND AMEND THE SOILS PRIOR TO PLANTING. PROVIDE WATER DURING DROUGHT PERIODS, AND REMOVE ANY PESTS OR WEEDS DURING THE 2-YEAR MAINTENANCE PERIOD.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 [Signature] 9/16/06
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature] 9/16/06
 CHIEF, DIVISION OF LAND DEVELOPMENT

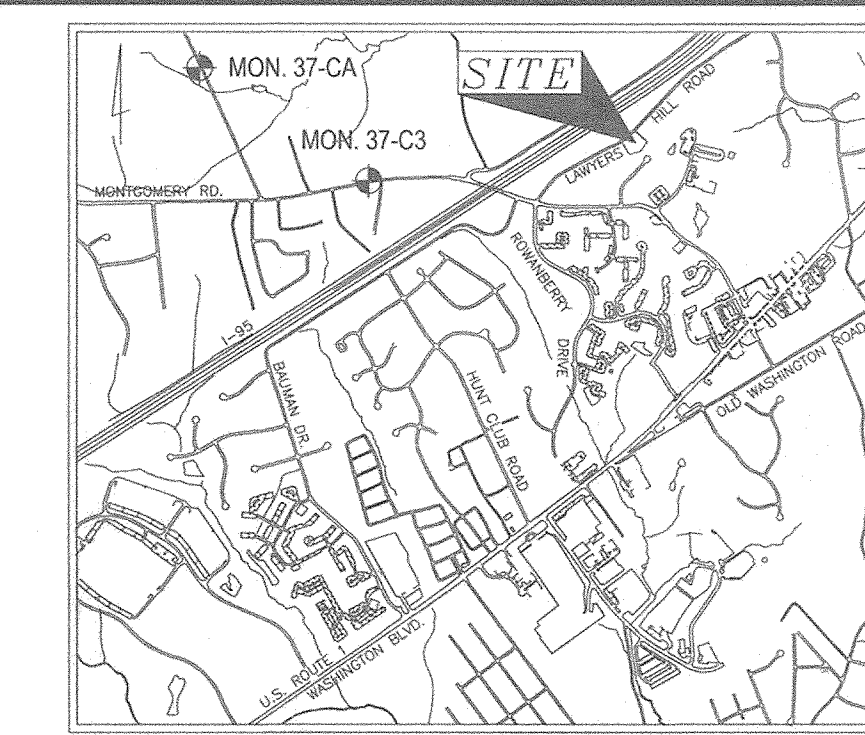
LAWYERS HILL ROAD
 MINOR COLLECTOR
 60' RIGHT-OF-WAY

HORACIO A. TABLADA & MARY L. TABLADA
 TAX MAP 38 PARCEL 17
 L.950/F.514
 ZONED: R-ED

LOT 8 MONTGOMERY MANOR
 PLAT BK 9 FOLIO 63
 ZONED: R-ED

SCHEDULE A PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO PERIMETER PROPERTIES				
	ADJACENT TO ROADS	"A"	"B"	"C"	"D"
PERIMETER	NA	"A"	"B"	"C"	"D"
LANDSCAPE TYPE	NONE REQUIRED	TYPE 'A'	TYPE 'A'	TYPE 'A'	TYPE 'A'
LINEAR FEET OF PERIMETER	NA	230	186	225	257
NUMBER OF PLANTS REQUIRED	NA	4	3	4	4
SHADE TREES	NA	2	0	0	0
EVERGREEN TREES (2:1 SUBSTITUTION)	NA	0	4	0	0
CREDIT FOR EXISTING VEGETATION	NA	102'	0	0	0
20' LANDSCAPE EDGE SHADE TREES	NA	0	6	0	0
NUMBER OF PLANTS PROVIDED	NA	0	0	0	0
SHADE TREES	NA	0	0	0	0



LEGEND

- SS EXISTING WATER MAIN
- W EXISTING SEWER MAIN
- SOILS DIVISION LINE
- BeC2 SOIL TYPE (SEE TABLE THIS SHEET)
- PROPOSED CONTOUR
- EXISTING CONTOUR
- PROPERTY EVIDENCE
- PROPERTY LINE
- LIMIT OF DISTURBANCE
- TREE PROTECTION FENCE
- EXISTING TREELINE
- EX. TREE
- EX. TREE TO BE REMOVED
- EX. TREE FOR LANDSCAPE CREDIT
- VARIABLE WIDTH PUBLIC DRAINAGE & UTILITY EASEMENT
- 24' PRIVATE USE-IN-COMMON ACCESS & UTILITY EASEMENT TO BENEFIT LOTS 2 & 3
- PUBLIC STORMWATER MANAGEMENT & UTILITY EASEMENT
- FOREST CONSERVATION EASEMENT (AFFORESTATION AREA)
- NON-TIDAL WETLANDS
- 10' PRIVATE NOISE WALL MAINTENANCE EASEMENT

NOTES

- THE PROPERTY OUTLINE IS BASED ON A FIELD RUN BOUNDARY SURVEY PERFORMED BY FREDERICK WARD ASSOCIATES, INC. IN APRIL 2003.
- THE EXISTING FEATURES AND CONTOURS SHOWN HEREON ARE BASED ON FIELD RUN TOPOGRAPHY PERFORMED BY FREDERICK WARD ASSOCIATES, INC. IN APRIL 2003.
- THE FOREST CONSERVATION OBLIGATION FOR THIS MINOR SUBDIVISION HAS BEEN ADDRESSED THROUGH ON-SITE AFFORESTATION IN THE AMOUNT OF 0.28 AC. AFFORESTATION SURETY IN THE AMOUNT OF \$6,008.40 WAS PAID AS PART OF THE DPW, DEVELOPERS AGREEMENT FOR THIS PROJECT.
- THE FOREST CONSERVATION EASEMENT SHOWN HEREON HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT. 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.
- A SITE DEVELOPMENT PLAN IS REQUIRED FOR THE DEVELOPMENT OF LOTS 2 AND 3 PRIOR TO ISSUANCE OF ANY GRADING OR BUILDING PERMITS IN ACCORDANCE WITH SECTION 16.155(a)(2)(ii) OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- IN ACCORDANCE WITH SECTION 16.124(G) OF THE COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, THIS SUBDIVISION FULFILLS ITS LANDSCAPING REQUIREMENTS THROUGH RETENTION OF EXISTING TREES AND SHRUBS ALONG THE PROPERTY BOUNDARIES.
- THE OWNER, TENANT, AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION, AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS.

C. WEHLAND PROPERTY

LOTS 1-3 AND OPEN SPACE LOT 4

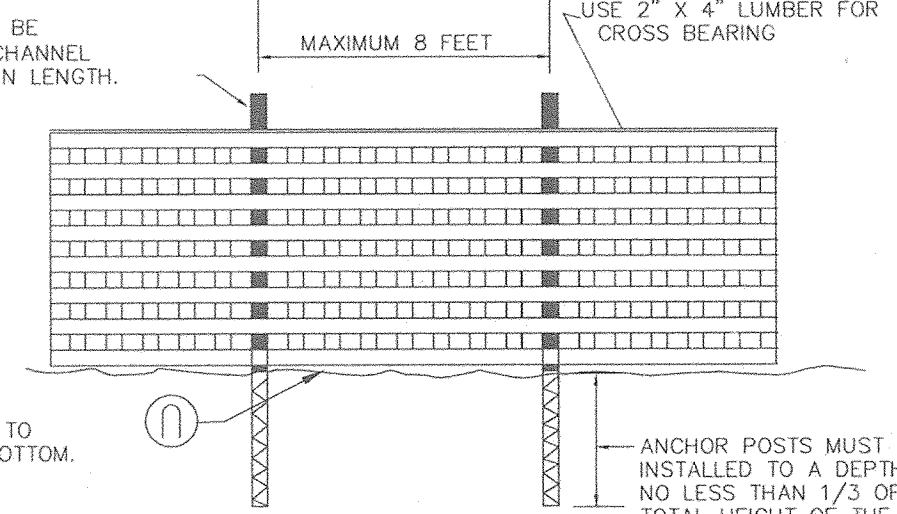
SUPPLEMENTAL INFORMATION, LANDSCAPE AND FOREST CONSERVATION PLAN

TAX MAP #38 GRID: 2 1st ELECTION DISTRICT
 PARCEL: 288 DEED REF.: L.385/F.232 HOWARD COUNTY, MARYLAND

FREDERICK WARD ASSOCIATES, INC.
 ENGINEERS ARCHITECTS SURVEYORS
 7125 Riverwood Drive, Suite C, Columbia, Maryland 21046-2354
 Phone: 410-290-9550 Fax: 410-720-6226
 Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

DESIGN BY: E.B.B.
 DRAWN BY: E.B.B.
 CHECKED BY: R.H.V./A.C.S.
 DATE: MAR. 2004
 SCALE: 1"=30'
 W.O. NO.: 2034006

1 SHEET 1 OF

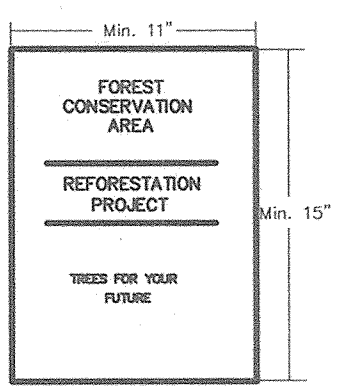


NOTES:
 1. Forest protection device only.
 2. Retention area will be set as part of the review process.
 3. Boundaries of retention area should be staked and flagged.
 4. Roof damage should be avoided.
 5. Protection signage should be used.
 6. Device should be maintained throughout construction.

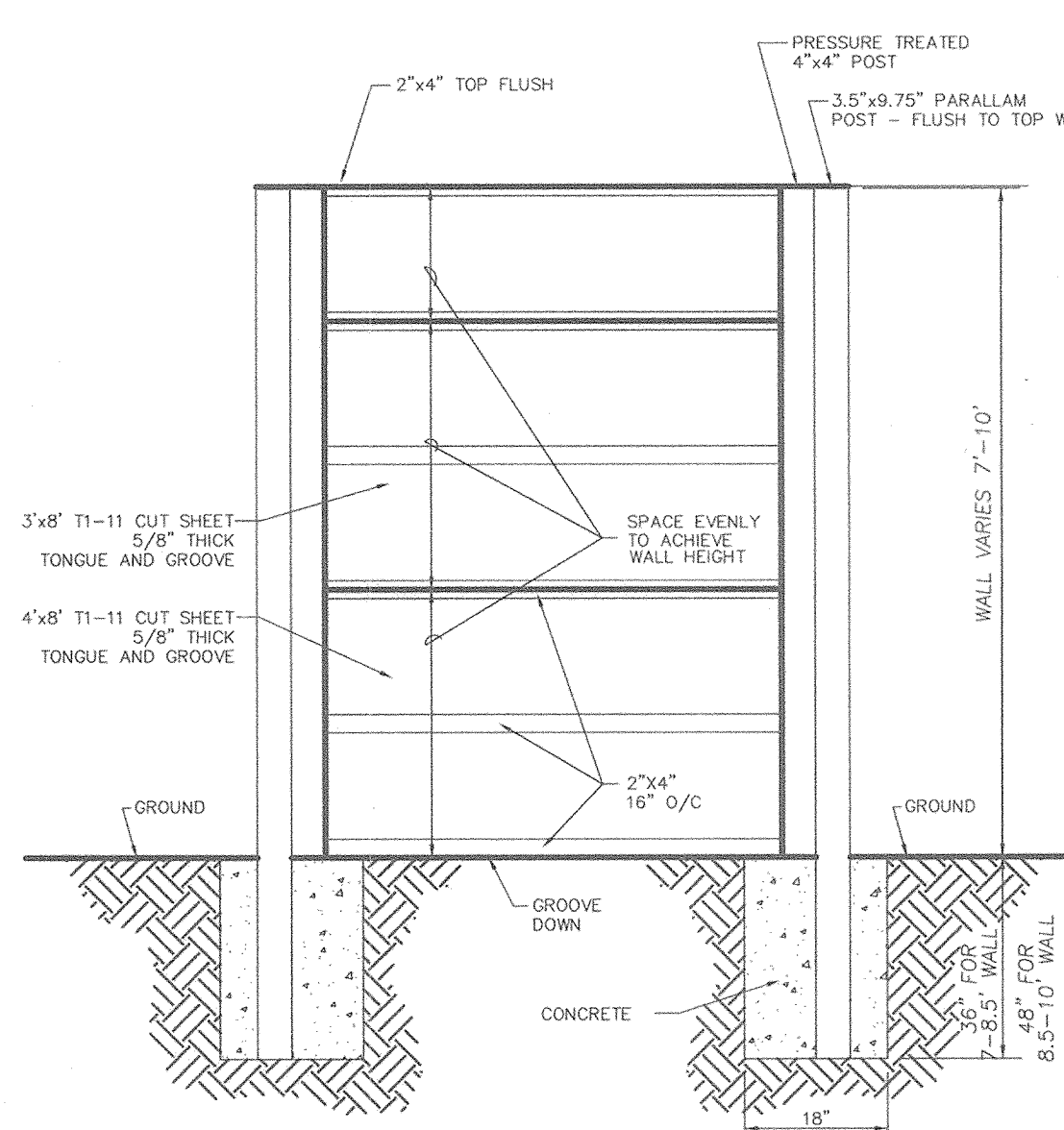
BLAZE ORANGE PLASTIC MESH
 TYPICAL TREE PROTECTION FENCE DETAIL
 NO SCALE

NOTE:
 1. Bottom of signs to be higher than top of tree protection fence.
 2. Signs to be placed approximately 100' apart. Conditions on site affecting visibility may warrant placing signs closer or farther apart.
 3. Attachment of signs to trees is prohibited.

INDICATES SIGNAGE PLACEMENT



FOREST CONSERVATION AREA SIGN



NOTE:
 ALL WOOD TO BE PRESURE TREATED WITH CCA PRESERVATIVE.

USE GALVANIZED LAG BOLTS TO ATTACH 4x4 TO PARALLAX POST AND FRAME.
 T1-11 PLYWOOD TO ATTACH PLYWOOD TO 2x4 FRAME.
 USE GALVANIZED NAILS TO ATTACH PLYWOOD TO 2x4 FRAME.

PARALLAX POST

NOISE WALL SECTION DETAIL
 N.T.S.

OWNERS/DEVELOPERS
 MICHAEL L. PFAU
 3675 PARK AVE., SUITE 301
 ELLICOTT CITY, MD 21043

CHUCK SCHWEDER
 DNR Qualified Forest Professional