

From the Environmental Planning Section, Planning Department,
M-NCPPC
Revised: 4/23/2003

The developer and/or builder is responsible for the complete preservation of all forested areas shown on the approved plan to remain undisturbed. Only trees or parts thereof designated by the Department of Environmental Resources as dead, dying, or hazardous may be removed.

1. A tree is considered hazardous if a condition is present which leads a Licensed Arborist or a Licensed Tree Expert to believe that the tree or a portion of the tree has a potential to fall and strike a structure, parking area, or other high use area and result in personal injury or property damage.

2. If a hazardous condition may be alleviated by corrective pruning, the Licensed Arborist or a Licensed Tree Expert may proceed without further authorization. The pruning must be done in accordance with the latest edition of the ANSI A-300 Pruning Standards ("Tree, Shrub, and Other Woody Plant Maintenance - Standard Practices").

3. Corrective measures requiring the removal of the hazardous tree or portions thereof shall require authorization by the building or grading inspector if there is a valid grading or building permit for the subject lots or parcels on which the trees are located. Only after approval of the appropriate inspector may the tree be cut by chainsaw to near the existing ground level. The stump may not be removed or covered with soil, mulch or other materials that would inhibit sprouting.

4. Debris from the tree removal or pruning that occurs within 35 feet of the woodland edge may be removed and properly disposed of by recycling, chipping or other acceptable methods. All debris that is more than 35 feet from the woodland edge shall be cut up to allow contact with the ground, thus encouraging decomposition. The smaller materials shall be placed into brush piles that will serve as wildlife habitat.

Removal of Hazardous Trees, Hazardous Limbs, Noxious Plants, Invasive Plants or Non-Native Plants in Woodland Conservation Areas Owned by Individual Homeowners

1. If the developer or builder no longer has an interest in the property the home owner shall obtain a written statement from the Licensed Arborist or Licensed Tree Expert identifying the hazardous condition and the proposed corrective measures prior to having the work conducted. The tree may then be removed by the arborist or tree expert. The stump shall be cut as close to the ground as possible and left in place. The removal or grinding of the stumps in the woodland conservation area is not permitted.

2. The removal of noxious, invasive, and non plant species from the woodland conservation areas may be done with the use of hand-held equipment only such as pruners or a chain saw. These plants may be cut near the ground and the material less than two inches diameter may be removed from the area and disposed of appropriately. All material from these noxious, invasive, and non-native plants greater than two (2) inches diameter shall be cut to allow contact with the ground, thus encouraging decomposition.

3. The use of broadcast spraying of herbicides is not permitted. However, the use of herbicides to discourage re-sprouting of invasive, noxious, or non-native plants is permitted if done as an application of the chemical directly to the cut stump immediately following cutting of plant tops. The use of any herbicide shall be done in accordance with the label instructions.

Note: The use of chain saws is extremely dangerous and should not be conducted with poorly maintained equipment, without safety equipment, or by individuals not trained in the use of this equipment for the pruning and/or cutting of trees.

1. Cutting or clearing of woodland not in conformance with this plan or without the expressed written consent of the Planning Director or designee shall be subject to a \$1.50 per square foot mitigation fee.

2. The County Inspector shall be contacted prior to the start of any work on the site to address implementation of woodland conservation measures shown on this plan.

3. Property owners shall be notified by the Developer or Contractor of any Woodland Conservation Areas (Tree Save Areas, Reforestation Areas, Afforestation Areas, or Selective Clearing Areas) located on their lot or parcel of land and the associated fines for unauthorized disturbances to these areas. Upon the sale of the property the owner / developer or owners representative shall notify the purchaser of the property of any Woodland Conservation Areas.

4. All appropriate bonds shall be posted with the Building Official prior to the issuance of any permits. These bonds will be retained as surety by the Building Official until all required activities have been satisfied.

5. All required off-site mitigation shall be identified on an approved TCPII for the off-site location and shall be recorded as an off-site easement in the land records of Prince George's County prior to issuance of any permits for the subject property.

6. The location of all Tree Protective Devices (TPDs) shown on this Plan shall be flagged or staked in the field prior to the pre-construction meeting with the Sediment and Erosion Control Inspector from DER. Upon approval of the flagged or staked TPD locations by the inspector, installation of the TPDs may begin. TPD installation shall be completed prior to installation of initial Sediment Controls. No cutting or clearing of trees may begin before final approval of TPD installation.

7. Woodland Conservation - Tree Save Areas and/or Reforestation Areas shall be posted as shown at the same time as Tree Protective Device installation and/or start of reforestation activities. These signs shall remain in place.

1. The topography shown on this plan is from GIS data obtained from M-NCPPC and supplemented with a topographic survey performed by Landmark Engineering, Inc., on February, 2008. If the topographic source changes in the future, a revised NRI may be required if the delineations of regulated areas change significantly.

2. The on-site wetland information on this plan is from a study prepared by environmental consultant Marion Bundens in a study dated May 2008, included in the NRI report. Offsite wetlands are from GIS data obtained from M-NCPPC.

3. The floodplain information on this plan is from previously approved Preliminary Plan No. 4-98052 prepared by Oyster, Imus and Petzold Engineers.

4. The source of the property boundaries on this plan is from Plat No. 27, Plat Book VJ-188, Parcel C, First Baptist Church of Highland Park recorded November 9, 1999.

5. No Rare, Threatened or Endangered species were observed during the January through May, 2008 field investigations. An inquiry to the Maryland Department of Natural Resources Wildlife and Heritage Division

Maryland Department of Natural Resources Wildlife and Heritage Division was made on June 9, 2008 requesting information on recorded occurrences of or potential for RTE or Forest Interior Dwelling Species Habitat (FIDS) species for the property and immediate vicinity. The response to this inquiry will be forwarded to M-NCPPC upon receipt.

6. There are 21 specimen trees located primarily in the northeastern section of the property in Forest Stand 1, one specimen tree located just outside the southern property boundary, and one tree located to the west of the church building. T47-T49 were field estimated.

7. An approved NRI is valid for five years from the date of signature by staff, or until information used to prepare the NRI changes. NRIs will be required to be revised and re-approved if the base information changes significantly.

Historical Features: No historic features exist on or in the immediate vicinity of the subject property according to the Illustrated Inventory of Historic Sites, PG MNCPPC and PG Atlas, 2008.

Scenic/Historic Road: There are no scenic or historic roads on or adjacent to the subject property according to the Designated Scenic and Historic Road list of Prince George's County, MD dated July 28, 2004.

Wetlands and U.S. Waters: This property is located within the Beaverdam Creek Watershed, a state-designated Use I stream. One perennial tributary of Beaverdam Creek is located offsite to the south of the property and intersects the extreme southwestern property corner as shown. The stream flows from the south to the north. To the south of the property are two intermittent streams. A spring, intermittent stream and fringe wetlands were identified at the far northeastern section of the property as shown. No other wetlands or streams were found on site during the January and May, 2008 field investigations. The water quality monitoring plan required by the NRRI Plan should be considered preliminary until the U.S. Army Corps of Engineers (USACE) makes a jurisdictional determination.

FIRST BAPTIST CHURCH OF HIGHLAND PARK
6801 SHERIFF ROAD
LANDOVER, MD 20785

DATE	REV. NO.	REVISIONS

1. **Reforestation and afforestation areas** shall be planted prior to the occupancy of the nearest building or residence. If planting cannot occur due to planting conditions, the developer or property owner shall install the fencing and signage in accordance with the approved Type II Reforestation Plan. The planting shall then be completed within the next planting season. If planting is delayed beyond the transfer of the property title, to the homeowner, the developer shall obtain a signed statement from the purchaser indicating that they understand that the reforestation area is located on their property and that reforestation will be completed within the next planting season. The statement shall be presented to the Grading Inspector and the Environmental Planning Section.

2. Reforestation areas shall not to be mowed, however, the management of competing vegetation around individual trees is acceptable.

Protection of Reforestation and Afforestation Areas by Individual Homeowners

1. Reforestation fencing and signage shall remain in place in accordance with the approved Type II Tree Conservation Plan or until the trees have grown sufficiently to have crown closure.

2. Reforestation areas shall not to be mowed, however, the management of competing vegetation around individual trees is acceptable.

Woodland Areas NOT Counted as Part of the Woodland Conservation Requirements

1. A revised Tree Conservation Plan is required prior to clearing any woodland area which is not specifically identified to be cleared on the most recently approved Type II Tree Conservation (TCP) on file in the office of the M-NCPPC, Environmental Planning Section located on the grounds of the County Administration Building at 14741 Governor Ogden Bowie Drive, Upper Marlboro, Maryland 20772, phone 301-952-3650. Additional mitigation will be required for the clearing of all woodlands beyond that reflected on the approved plans. Although clearing may be allowed, it may be subject to additional review by the County. Any TCP revision must be reflected on TCP revisions approved by the M-NCPPC Environmental Planning Section.

2. Homeowners or property owners may remove trees less than two (2) inches diameter, shrubs, and vines in woodland areas which are saved but not part of the Woodland Conservation requirements after all permits have been released for the subject property. This area may not be tilled or have other ground disturbances which would result in damage to the tree roots. Raking the leaves and overseeding with native grasses, native flowers or native ground covers is acceptable. Seeding with invasive grasses including any variety of Kentucky 31 fescue is not acceptable.

DETAIL 22 - SILT FENCE

PERPECTIVE VIEW

10" MAXIMUM CENTER TO CENTER

36" MINIMUM LENGTH FENCE POST, DRIVEN A MINIMUM OF 16" INTO GROUND

16" MINIMUM HEIGHT OF GEOTEXTILE CLASS F

8" MINIMUM DEPTH IN GROUND

FLOW

TOP VIEW

POSTS

SECTION A

SECTION B

STAPLE

CROSS SECTION

36" MINIMUM FENCE POST LENGTH

FILTER CLOTH

FLOW

FENCE POST SECTION MINIMUM 20" ABOVE GROUND

UNDISTURBED GROUND

FENCE POST DRIVEN A MINIMUM OF 16" INTO THE GROUND

EMBED GEOTEXTILE CLASS F A MINIMUM OF 8" VERTICALLY INTO THE GROUND

JOINING TWO ADJACENT SILT FENCE SECTIONS

STAPLE

STANDARD SYMBOL

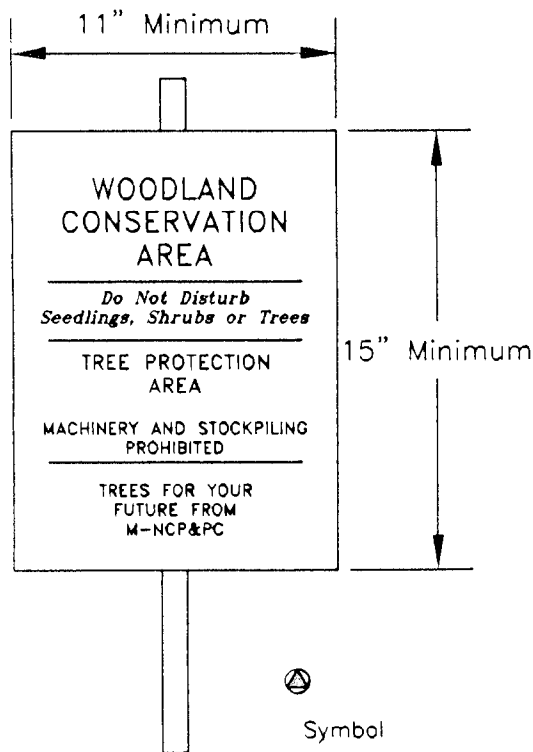
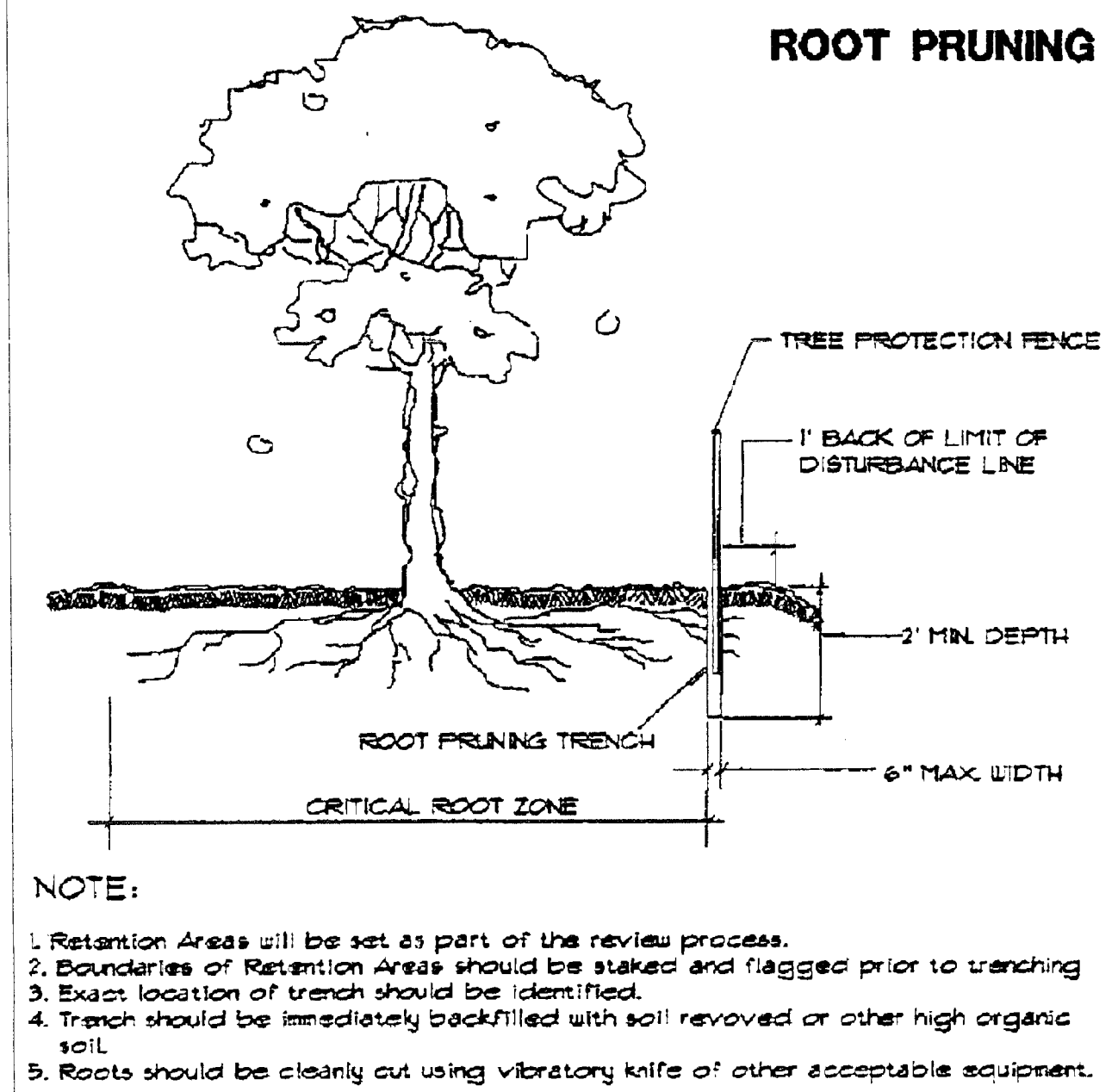
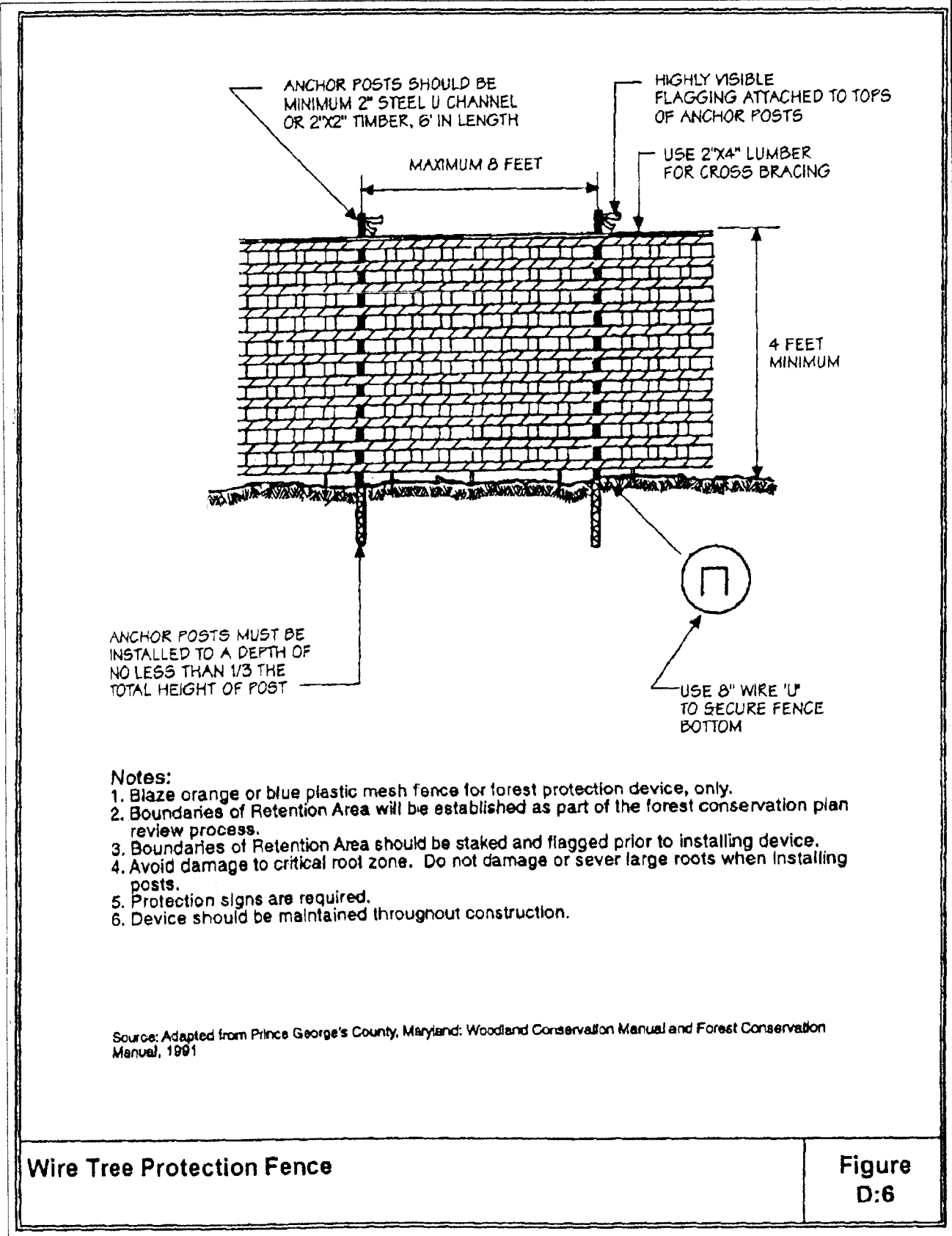
SF

Construction Specifications

1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts shall be standard T or U section weighting not less than 1.00 pounds per linear foot.
2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal/ft ² /minute (max.)	Test: MSMT 392
Filtrating Efficiency	75% (min.)	Test: MSMT 382
3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
4. Silt Fence shall be inspected after each rainfall event and maintained when erodes occur or when sediment accumulation reaches 50% of the fabric height.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE (- 15 -)	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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NOTES:

1. Attachment of sign to trees is prohibited
2. Signs should be properly maintained.
3. Avoid injury to roots when placing post for the signs.
4. Signs should be posted to be visible to all construction personnel for all directions.
5. Signs to be spaced a minimum of 50' apart.
6. Signs to remain in place.

FOREST CONSERVATION AREA SIGN

NOT TO SCALE

First Baptist Church of Highland Park Property Specimen Tree List, May 2008						Treatment/Recommendations
Tree Number	Latin Name	Common Name	DBH	Condition	Comments	
T19	Quercus rubra	Red Oak	30"	Fair	located just outside southern property boundary	Remove: tree in prearranged driveway
T35	Quercus rubra	White Oak	30"	Fair	located in the northwestern section of property	Save: Tree adjacent to driveway, specific treatment to be determined as above
T31	Quercus rubra	Red Oak	33"	Fair	winem	Save: Tree adjacent to paved driveway, specific treatment to be determined as above
T32	Liriodendron tulipifera	Tulip tree	32"	Good		Save: No CR/2 impact proposed
T33	Liriodendron tulipifera	Tulip tree	32"	Good		Save: No CR/2 impact proposed
T34	Liriodendron tulipifera	Tulip tree	30"	Good		Save: No CR/2 impact proposed
T36	Liriodendron tulipifera	Tulip tree	36"	Good		Save: No CR/2 impact proposed
T38	Liriodendron tulipifera	Tulip tree	Est. 35"	Poor	Not tagged. Overgrown with vines	Save: No CR/2 impact proposed
T39	Quercus rubra	Red Oak	32"	Good	Person	Save: No CR/2 impact proposed
T40	Quercus rubra	White Oak	31"	Fair		Save: No CR/2 impact proposed
T41	Quercus rubra	Red Oak	31"	Fair		Save: No CR/2 impact proposed
T42	Liriodendron tulipifera	Tulip tree	33"	Good	Mutism	Save: No CR/2 impact proposed
T43	Liriodendron tulipifera	Tulip tree	33"	Good		Save: No CR/2 impact proposed
T44	Liriodendron tulipifera	Tulip tree	32"	Good		Remove: tree within the proposed: O.D
T45	Quercus rubra	Red Oak	32"	Good		Save: Tree just outside of O.D. treatment to be recommended as a soil
T46	Liriodendron tulipifera	Tulip tree	30"	Good		Remove: tree within the proposed: O.D
T47	Liriodendron tulipifera	Tulip tree	30"	Good		Remove: tree within the proposed: O.D
T48	Quercus rubra	Red Oak	40"	Good		Remove: tree within the proposed: O.D
T49	Quercus rubra	Red Oak	40"	Good	agaged on north side of trunk	Remove: tree within the proposed: O.D
T50	Quercus rubra	Red Oak	Est. 30"	Fair	Access road immediately adjacent to tree. Not tagged.	Save: No CR/2 impact proposed. Note that tree is located in an easement
T51	Quercus rubra	Red Oak	Est. 30"	Fair	Access road immediately adjacent to tree. Not tagged.	Save: No CR/2 impact proposed. Note that tree is located in an easement
T52	Quercus rubra	White Oak	Est. 30"	Fair	Access road immediately adjacent to tree. Not tagged.	Remove: area proposed to be paved for parking and driveway
T53	Quercus phellos	White Oak	31"	Good	located West of Church buildings. Not Tagged	

Notes: Driveways listed: Trees were tagged at the tree feet above the curb on the south side of the link.
This series of specimen trees was assigned numbers 1-29 through 146.

LANDMARK ENGINEERING, INC.
 6110 EXECUTIVE BLVD, SUITE 110 PHONE: (301) 230-5881
 ROCKVILLE, MARYLAND 20852 FAX: (301) 230-5884
 ULTIMATE ENGINEERS PLANNERS SURVEYORS

PROJECT NO.: 0636
SCALE: AS SHOWN
DATE: Sept. 19, 2011
SHEET 2 OF 2

T-2