

VICINITY MAP
SCALE: 1" = 2000'

WOODLAND CONSERVATION WORKSHEET
FOR GOVERNMENTAL AND LINEAR PROJECTS
IN PRINCE GEORGE'S COUNTY, MARYLAND

SITE INFORMATION

PROPERTY DESCRIPTION OR NAME	REPLACEMENT OF BRIDGE NO. P-1505 TEMPLE HILL ROAD OVER PEA HILL BRANCH		
PROJECT LOCATION	TEMPLE HILL ROAD		
TCP2 NUMBER	TCP2-012-2015	REV. NO.	-01
NRI NUMBER	NRI-009-12	REV. NO.	-01
ZONE	D-S; R-80; R-R		
GROSS TRACT	4.28 AC		
PROJECT AREA/LIMITS	4.28 AC		

DETERMINING REQUIREMENTS

EXISTING WOODLAND IN PROJECT LIMITS = WCT	2.04 AC
WOODLAND CLEARED IN PROJECT LIMITS	2.04 AC
TOTAL AREA OF WOODLAND CLEARED (SUBJECT TO 1:1 REPLACEMENT)	2.04 AC
OFF-SITE WOODLAND CONSERVATION PROVIDED (AFFORESTATION)	0.00 AC
OFF-SITE WOODLAND CONSERVATION PROVIDED (PRESERVATION)	0.00 AC
WOODLAND CONSERVATION REQUIREMENT	2.04 AC

MEETING THE REQUIREMENTS

WOODLAND PRESERVED	0.00 AC
AFFORESTATION/REFORESTATION	0.00 AC
NATURAL REGENERATION	0.00 AC
LANDSCAPE CREDIT	0.00 AC
SPECIMEN/HISTORIC TREE CREDIT (CRZ AREA*2.0)	0.00 AC
FOREST ENHANCEMENT CREDIT (AREA*25)	0.00 AC
STREET TREE CREDIT (EXISTING OR 10-YEAR CANOPY COVERAGE)	0.00 AC
PRIOR CREDIT FOR OFF-SITE WOODLAND CONSERVATION	0.00 AC
CURRENT CREDIT FOR OFF-SITE WOODLAND CONSERVATION (AFFORESTATION)	2.04 AC
CURRENT CREDIT FOR OFF-SITE WOODLAND CONSERVATION (PRESERVATION)	0.00 AC
AREA APPROVED FOR FEE-IN-LIEU/PFA	0.00 AC
AREA APPROVED FOR FEE-IN-LIEU/NON-PFA	0.00 AC
WOODLAND CONSERVATION PROVIDED	2.04 AC

WOODLAND CONSERVATION SUMMARY TABLE				
SHEET	GROSS TRACT AREA	PROJECT AREA/ LIMITS	EXISTING WOODLANDS IN PROJECT LIMITS	WOODLAND CLEARED IN PROJECT LIMITS
2	2.98 AC	2.98 AC	1.37 AC	1.37 AC
3	1.30 AC	1.30 AC	0.67 AC	0.67 AC
TOTALS	4.28 AC	4.28 AC	2.04 AC	2.04 AC

TYPE 2 TREE CONSERVATION PLAN - GENERAL NOTES

1. THIS PLAN IS SUBMITTED TO FULFILL THE WOODLAND CONSERVATION REQUIREMENTS FOR PROJECT NO. 661011. IF PROJECT NO. 661011 EXPIRES, THEN THIS TCP2 ALSO EXPIRES AND IS NO LONGER VALID.
2. CUTTING OR CLEARING OF WOODLAND NOT IN CONFORMANCE WITH THIS PLAN OR WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE PLANNING DIRECTOR OF DESIGNEE SHALL BE SUBJECT TO A \$9.00 PER SQUARE FOOT MITIGATION FEE.
3. A PRE-CONSTRUCTION MEETING IS REQUIRED PRIOR TO THE ISSUANCE OF GRADING PERMITS. THE DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION AND/OR THE DEPARTMENT OF PERMITTING INSPECTIONS & ENFORCEMENT, AS APPROPRIATE, SHALL BE CONTACTED PRIOR TO THE START OF ANY WORK ON THE SITE TO CONDUCT A PRE-CONSTRUCTION MEETING WHERE IMPLEMENTATION OF WOODLAND CONSERVATION MEASURES SHOWN ON THIS PLAN WILL BE DISCUSSED IN DETAIL.
4. THE OWNERS OF THE PROPERTY SUBJECT TO THIS TREE CONSERVATION PLAN ARE SOLELY RESPONSIBLE FOR CONFORMANCE TO THE REQUIREMENTS CONTAINED HEREIN.
5. THE PROPERTY IS WITHIN THE DEVELOPING TIER AND IS ZONED R-O-S, R-R, AND R-80.
6. THE SITE IS NOT ADJACENT TO A ROADWAY DESIGNATED AS SCENIC, HISTORIC, A PARKWAY OR A SCENIC BYWAY.
7. THE SITE IS NOT ADJACENT TO A ROADWAY CLASSIFIED AS ARTERIAL OR GREATER.
8. THIS PLAN IS NOT GRANDFATHERED UNDER CB-27-2010, SECTION 25-119(G).
9. A LETTER DATED MARCH 29TH, 2012 WAS SENT TO THE MARYLAND DEPARTMENT OF NATURAL RESOURCES WILDLIFE HERITAGE PROGRAM IN ORDER TO DETERMINE IF THE SITE CONTAINS RARE, THREATENED OR ENDANGERED SPECIES. IT IS ASSUMED THAT NONE EXIST WITHIN THE PROJECT AREA. COORDINATION CONTINUES.
10. THIS SITE CONTAINS FOREST INTERIOR DWELLING SPECIES HABITAT.
11. THE SUBJECT PROPERTY IS NOT LOCATED WITHIN A REGISTERED HISTORIC DISTRICT.
12. ALL SILT FENCES, DIVERSION FENCES AND EARTH DIKES SHALL BE INSTALLED AS STATED ON SHEET 4.
13. THIS PROJECT FALLS WITHIN THE PISCATAWAY CREEK TIER II HIGH QUALITY WATERSHED.
14. PLEASE REFERENCE THE APPROVED EROSION AND SEDIMENT CONTROL PLANS FOR ALL SILT FENCE, DIVERSION FENCE, AND EARTH DIKE PLACEMENT.
15. PRIOR TO THE ISSUANCE OF THE FIRST PERMIT FOR THE DEVELOPMENT SHOWN ON THIS TCP2, ALL OFF-SITE WOODLAND CONSERVATION REQUIRED BY THIS PLAN SHALL BE IDENTIFIED ON AN APPROVED TCP2 PLAN AND RECORDED AS AN OFF-SITE EASEMENT IN THE LAND RECORDS OF PRINCE GEORGE'S COUNTY. PROOF OF RECORDATION OF THE OFF-SITE CONSERVATION SHALL BE PROVIDED TO THE M-NCPPC PLANNING DEPARTMENT PRIOR TO ISSUANCE OF ANY PERMIT FOR THE ASSOCIATED PLAN.

SPECIMEN TREES						
TREE #	SPECIES	DBH	CONDITION	DISPOSITION	PRESERVATION COMMENTS	
1	RED MAPLE (ACER RUBRUM)	35.8"	FAIR	SAVE	BROKEN BRANCH NOT WITHIN RIGHT-OF-WAY	
2	AMERICAN BEECH (FAGUS GRANDIFOLIA)	33.6"	GOOD	N/A	REMOVE	
3	TULIP POPLAR (LIRIODENDRON TULIPIFERA)	32.6"	EXCELLENT	N/A	REMOVE	
4	WHITE OAK (QUERCUS ALBA)	33.5"	GOOD	N/A	REMOVE	
5	RED MAPLE (ACER RUBRUM)	32.5"	FAIR	N/A	SAVE	
6	SYCAMORE (PLATANUS OCCIDENTALIS)	30.4"	FAIR	N/A	REMOVE	
7	RED MAPLE (ACER RUBRUM)	30.3"	GOOD	N/A	SAVE	
8	TULIP POPLAR (LIRIODENDRON TULIPIFERA)	31.2"	GOOD	N/A	SAVE	

*NOTE: ALL SPECIMEN TREES WERE SURVEY LOCATED.

NOTE: THIS PLAN IS APPROVED IN ACCORDANCE WITH THE FOLLOWING VARIANCE(S) FROM THE STRICT REQUIREMENTS OF SUBTITLE 25 APPROVED BY THE PLANNING DIRECTOR ON 9/4/2015:
A. THE REMOVAL OF FOUR (4) SPECIMEN TREES (SECTION 25-122-(B)(1)(G))
33.6" AMERICAN BEECH (FAGUS GRANDIFOLIA)
32.6" TULIP POPLAR (LIRIODENDRON TULIPIFERA)
33.5" WHITE OAK (QUERCUS ALBA)
30.4" SYCAMORE (PLATANUS OCCIDENTALIS)

QUALIFIED PROFESSIONAL CERTIFICATION

THIS COMPLIES WITH THE CURRENT REQUIREMENTS OF PRINCE GEORGE'S COUNTY CODE AND THE ENVIRONMENTAL TECHNICAL MANUAL

SIGNED: Marla Duley DATE: 9/4/2015

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410.494.9093
QUALIFIED PROFESSIONAL TO PREPARE A FOREST STAND DELINEATION OR A FOREST CONSERVATION PLAN UNDER REQUIREMENTS OF COMAR 8.19.06.01

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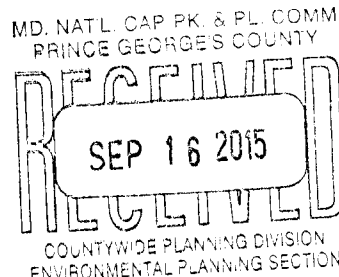
APPLICANT

DARRELL B. MOBLEY, DIRECTOR
PRINCE GEORGE'S COUNTY
DEPARTMENT OF PUBLIC
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LEGEND

- PROJECT STUDY AREA
- LIMITS OF DISTURBANCE
- ~~~~~ FOREST BOUNDARY

100' 0 100' 200'
SCALE: 1" = 100'



M-NCPPC PRINCE GEORGE'S PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION	
TREE CONSERVATION PLAN TCP2-012-2015	
STAFF SIGNATURE	DATE
00 <u>KL...</u>	9/2/2015
01 REVISION	
02 REVISION	
03 REVISION	

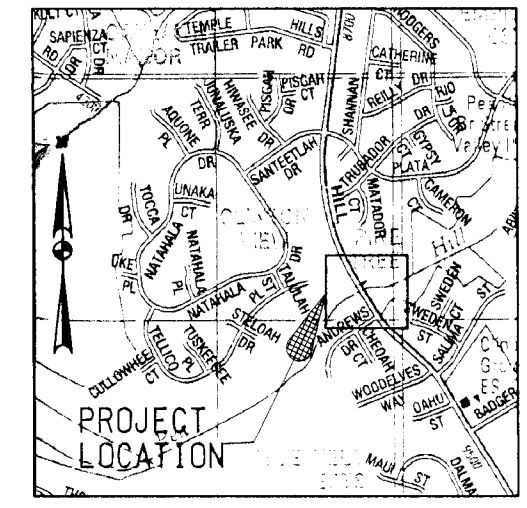
Sheet 1 Of 4

Date : AUG 2015

DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION
PRINCE GEORGE'S COUNTY, MARYLAND

TEMPLE HILL ROAD OVER PEA HILL BRANCH
TYPE 2 TREE CONSERVATION PLAN

LIMIT OF WORK
CONTR. NO. S04-018
TEMPLE HILL ROAD
STA. 10+00



VICINITY MAP
SCALE: 1" = 2000'

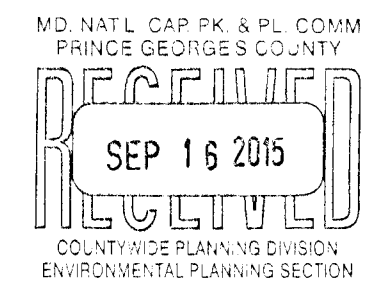
- LEGEND**
- PROJECT STUDY AREA
 - LIMITS OF DISTURBANCE
 - BASLINE OF CONSTRUCTION
 - PROPERTY BOUNDARY
 - REGULATED STREAM (TOP OF BANK) (PERENNIAL, INTERMITTENT)
 - DEVELOPING TIER STREAM BUFFER
 - 100-YR FLOODPLAIN
 - WETLAND
 - 25' STATE NON-TIDAL WETLAND BUFFER
 - TREE CONSERVATION PLAN
 - PRIMARY MANAGEMENT AREA (PMA)
 - FOREST BOUNDARY
 - SOILS BOUNDARY
 - CONFIER TREE
 - TREE REMOVALS
 - SPECIMEN, CHMPION, HISTORIC TREE WITH CRITICAL ROOT ZONE (1"DBH = 1.5' CRZ)
 - STEEP SLOPES (15% OR GREATER)
 - PROPOSED GRADING
 - ROOT PRUNING
 - SUPER SILT FENCE
 - DIVERSION FENCE
 - EARTH DIKE
 - SPECIMEN TREE SIGN/ TREE PROTECTION FENCE
- * WETLAND FLAGGING POINTS BASED ON A FIELD RUN SURVEY.

- NOTES:**
- 435 L.F. OF ROOT PRUNING FROM STA. 10+00 RT TO STA.12+55 RT.
 - 282 L.F. OF ROOT PRUNING FROM STA. 12+56 RT TO STA.14+46 RT
 - 440 L.F. OF ROOT PRUNING FROM STA. 14+75 RT TO STA.18+00 RT
 - 272 L.F. OF ROOT PRUNING FROM STA. 15+23 LT TO STA.18+00 LT
 - 435 L.F. OF WOODLAND PRESERVATION SIGNAGE (8 SIGNS) FROM STA. 10+00 RT TO STA.12+55 RT.
 - 282 L.F. OF WOODLAND PRESERVATION SIGNAGE (6 SIGNS) FROM STA. 12+56 RT TO STA.14+46 RT
 - 440 L.F. OF WOODLAND CONSERVATION SIGNAGE (9 SIGNS) FROM STA. 14+75 RT TO STA.18+00 RT
 - 272 L.F. OF WOODLAND PRESERVATION SIGNAGE (5 SIGNS) FROM STA. 15+23 LT TO STA.18+00 LT

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QUALIFIED PROFESSIONAL CERTIFICATION
THIS COMPLIES WITH THE CURRENT REQUIREMENTS OF PRINCE GEORGE'S COUNTY CODE AND THE ENVIRONMENTAL TECHNICAL MANUAL
SIGNED: *Marla Duley* DATE: *9/4/15*
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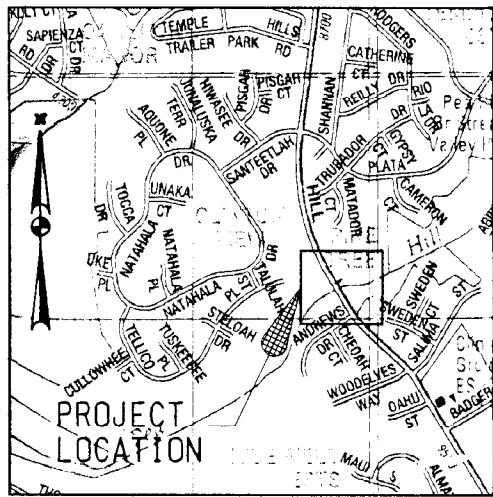


40' 0 40' 80'
SCALE: 1" = 40'

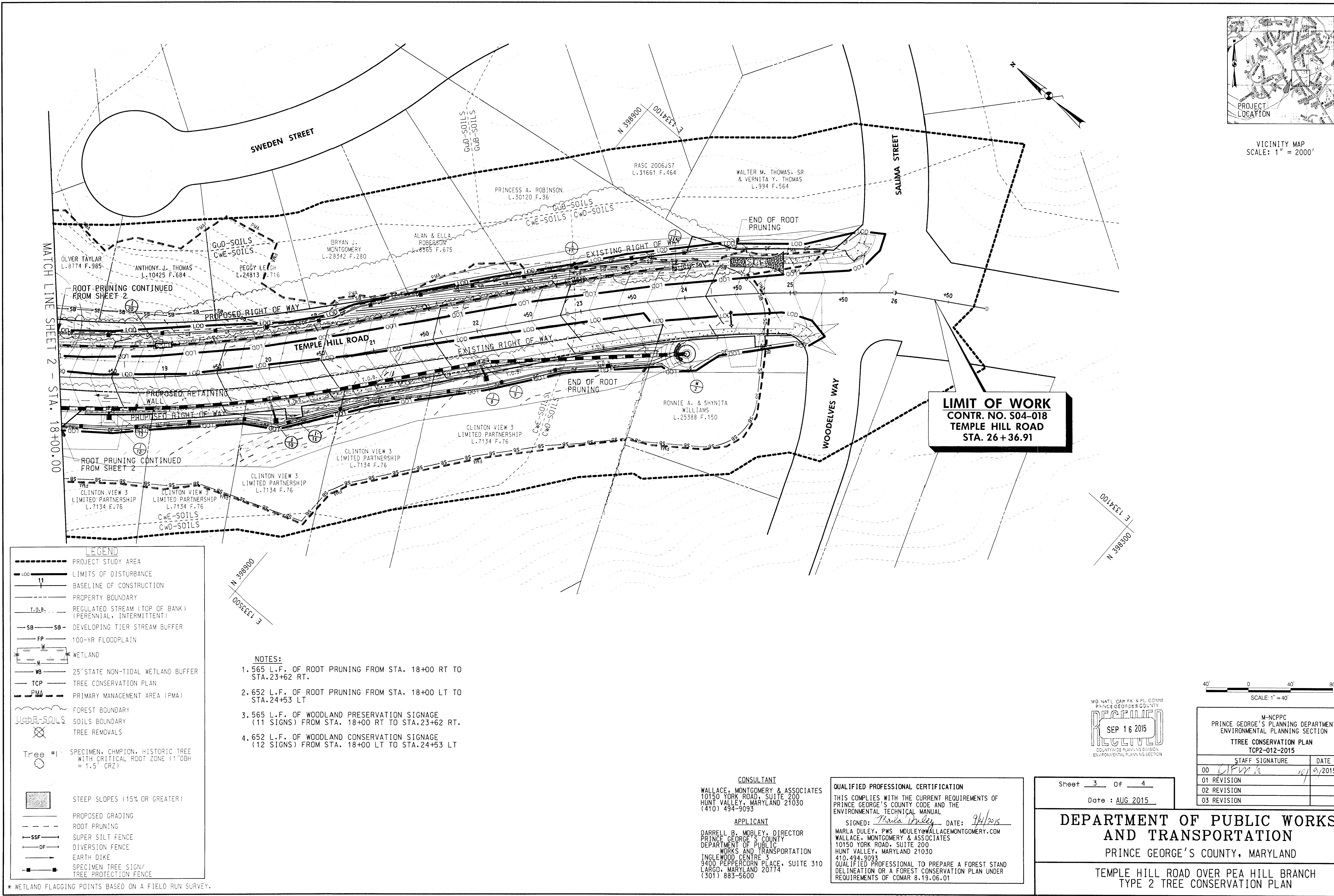
M-NCPPC PRINCE GEORGE'S PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION	
TREE CONSERVATION PLAN TCP2-012-2015	
STAFF SIGNATURE	DATE
00 <i>Marla Duley</i>	9/4/2015
01 REVISION	
02 REVISION	
03 REVISION	

Sheet 2 Of 4
Date : AUG 2015

**DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION**
PRINCE GEORGE'S COUNTY, MARYLAND
**TEMPLE HILL ROAD OVER PEA HILL BRANCH
TYPE 2 TREE CONSERVATION PLAN**



VICINITY MAP
SCALE: 1" = 2000'



LEGEND

- PROJECT STUDY AREA
- LIMITS OF DISTURBANCE
- BASELINE OF CONSTRUCTION
- PROPERTY BOUNDARY
- REGULATED STREAM (TOP OF BANK) (PERENNIAL, INTERMITTENT)
- DEVELOPING TIER STREAM BUFFER
- 100-YR FLOODPLAIN
- WETLAND
- 25' STATE NON-TIDAL WETLAND BUFFER
- TREE CONSERVATION PLAN
- PRIMARY MANAGEMENT AREA (PMA)
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- TREE REMOVALS
- SPECIMEN, CHMPION, HISTORIC TREE WITH CRITICAL ROOT ZONE (1" DBH = 1.5' CRZ)
- STEEP SLOPES (15% OR GREATER)
- PROPOSED GRADING
- ROOT PRUNING
- SUPER SILT FENCE
- DIVERSION FENCE
- EARTH DIKE
- SPECIMEN TREE SIGN/ TREE PROTECTION FENCE

- NOTES:**
- 565 L.F. OF ROOT PRUNING FROM STA. 18+00 RT TO STA.23+62 RT.
 - 652 L.F. OF ROOT PRUNING FROM STA. 18+00 LT TO STA.24+53 LT
 - 565 L.F. OF WOODLAND PRESERVATION SIGNAGE (11 SIGNS) FROM STA. 18+00 RT TO STA.23+62 RT.
 - 652 L.F. OF WOODLAND CONSERVATION SIGNAGE (12 SIGNS) FROM STA. 18+00 LT TO STA.24+53 LT

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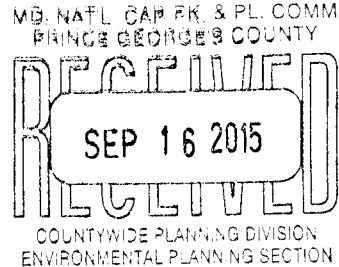
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Sheet 3 Of 4
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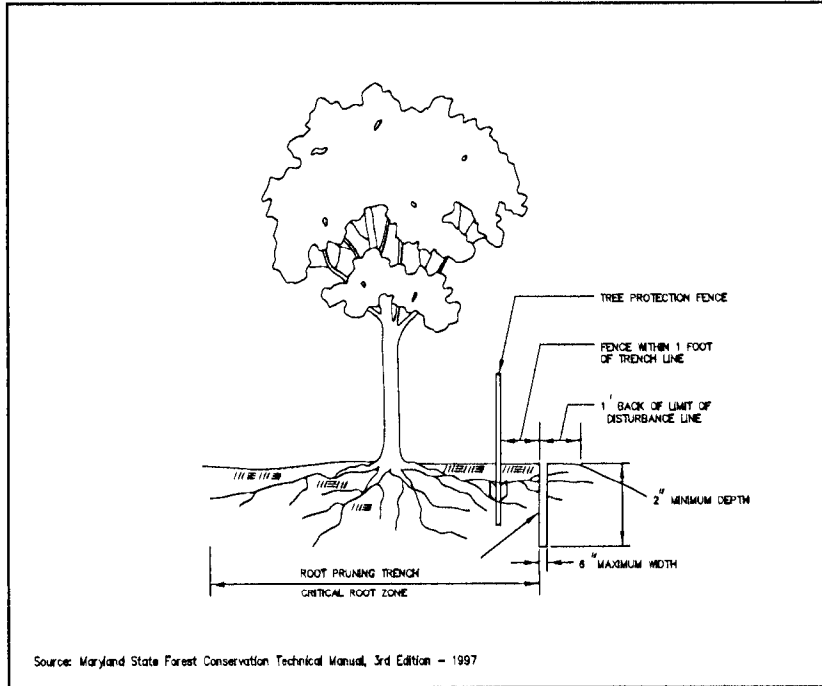
**DEPARTMENT OF PUBLIC WORKS
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PRINCE GEORGE'S COUNTY, MARYLAND

TEMPLE HILL ROAD OVER PEA HILL BRANCH
TYPE 2 TREE CONSERVATION PLAN

40' 0 40' 80'
SCALE: 1" = 40'



M-NCPPC PRINCE GEORGE'S PLANNING DEPARTMENT ENVIRONMENTAL PLANNING SECTION TREE CONSERVATION PLAN TCP2-012-2015	
STAFF SIGNATURE	DATE
00 <i>DPW</i>	9/9/2015
01 REVISION	
02 REVISION	
03 REVISION	

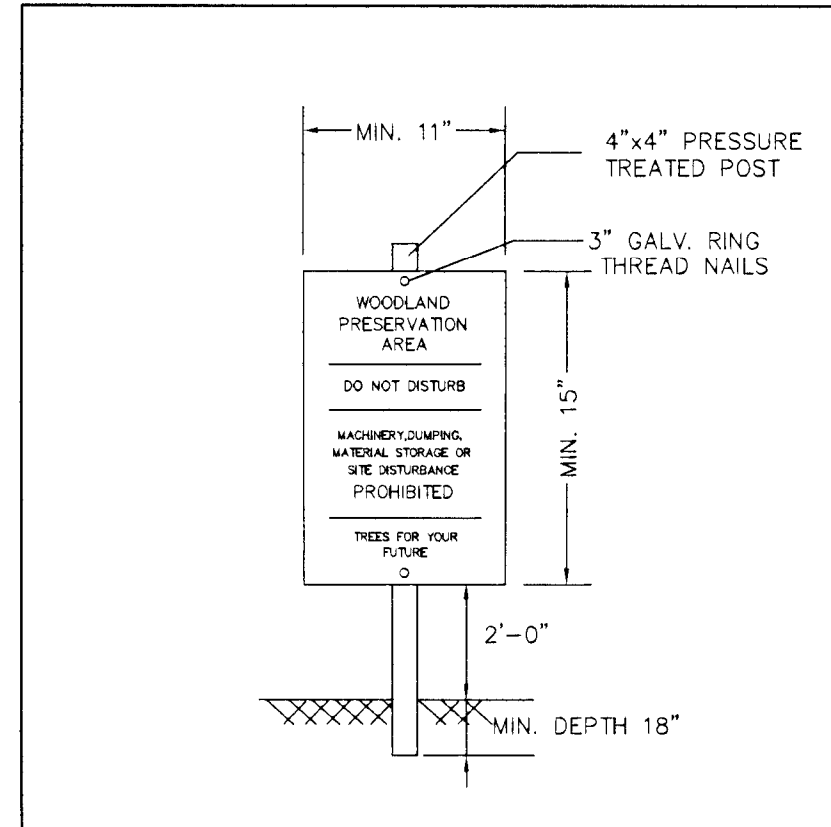


- NOTES:
1. RETENTION AREAS TO BE ESTABLISHED AS PART OF THE FOREST CONSERVATION PLAN REVIEW PROCESS.
 2. BOUNDARIES OF RETENTION AREAS SHOULD BE STAKED, FLAGGED AND/OR FENCED PRIOR TO TREESHING.
 3. EXACT LOCATION OF TRENCH SHOULD BE IDENTIFIED.
 4. TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH SOIL REMOVED OR OTHER HIGH ORGANIC SOIL.
 5. ROOTS SHOULD BE CLEANLY CUT USING VEGETARY KNIFE OR OTHER ACCEPTABLE EQUIPMENT.

ROOT PRUNING

August 2010

A-4, DET-10

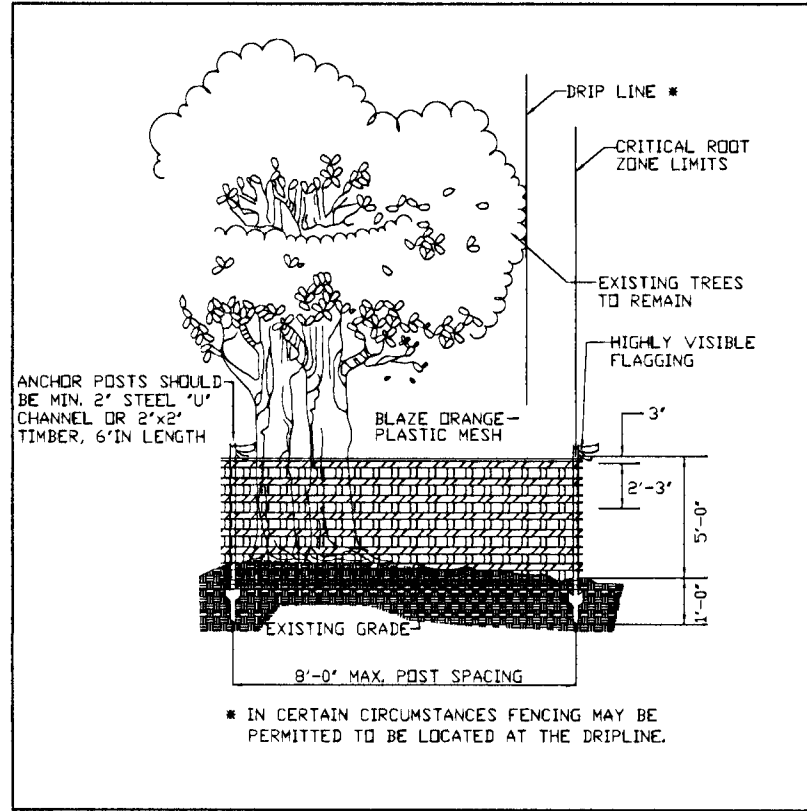


- NOTES:
1. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.
 2. SIGNS SHOULD BE PROPERLY MAINTAINED.
 3. AVOID INJURY TO ROOTS WHEN PLACING SIGNS FOR THE SIGNS.
 4. SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION PERSONNEL FROM ALL DIRECTIONS.
 5. SIGNS SHOULD BE INSTALLED AT SAME TIME AS TREE PROTECTION DEVICE.
 6. LOCATE SIGNS APPROXIMATELY EVERY 50 FEET ALONG FENCING.
 7. SIGNS SHOULD BE IN PLACE IMMEDIATELY FOLLOWING STAKE OUT OF L.O.D., AND REMAIN IN PLACE IN PERPETUITY.

WOODLAND PRESERVATION AREA SIGN

August 2010

A-4, DET-1

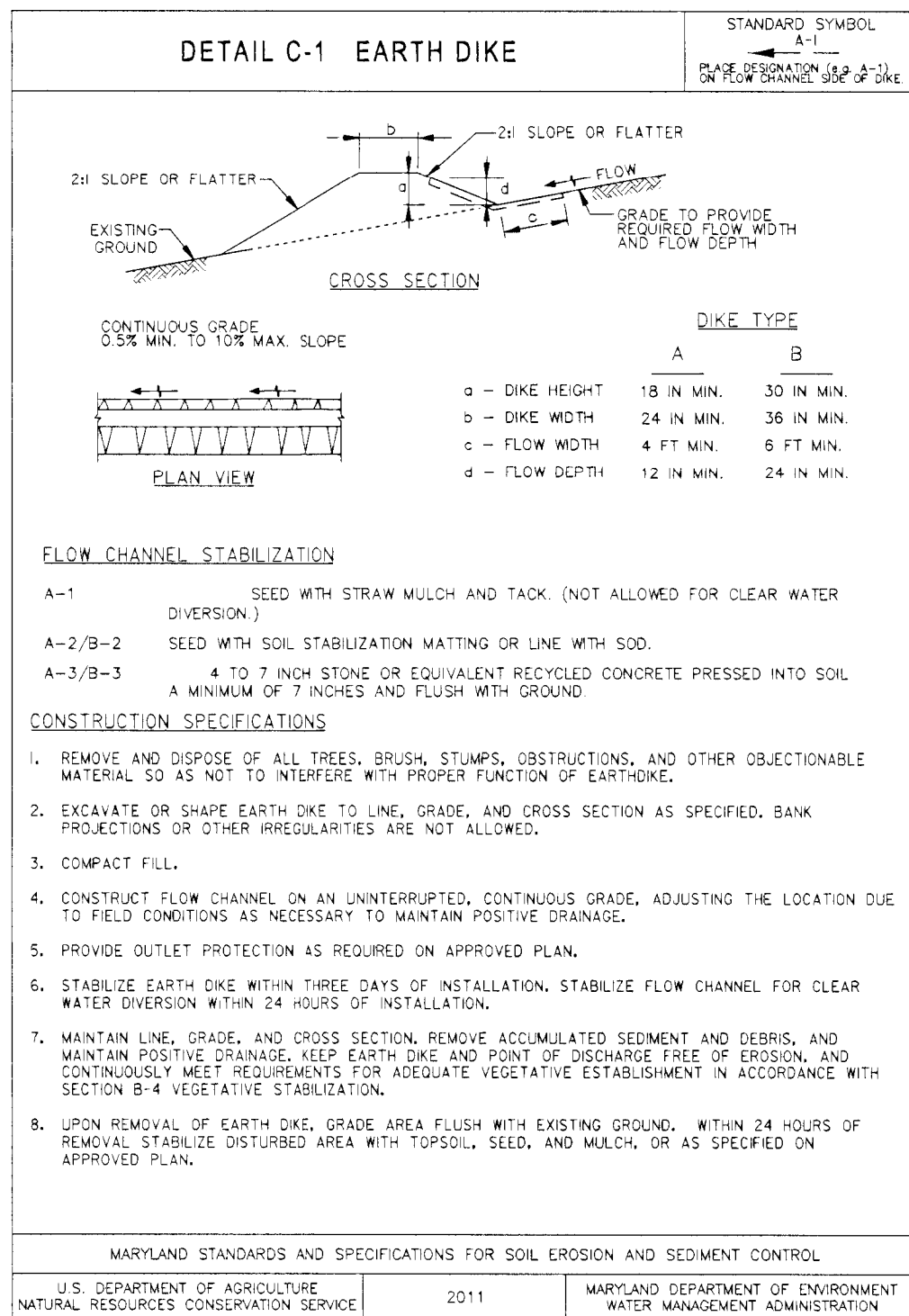
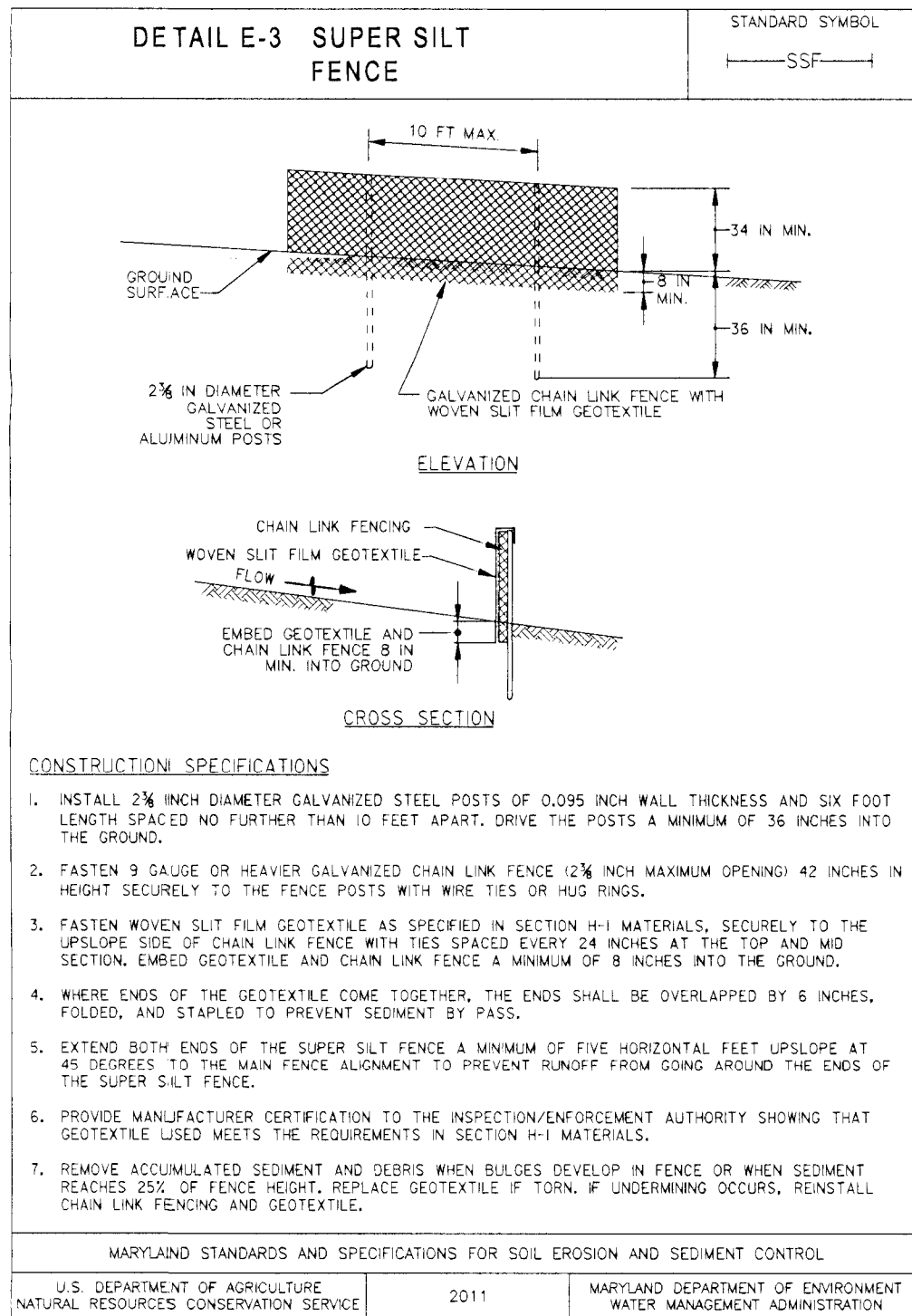
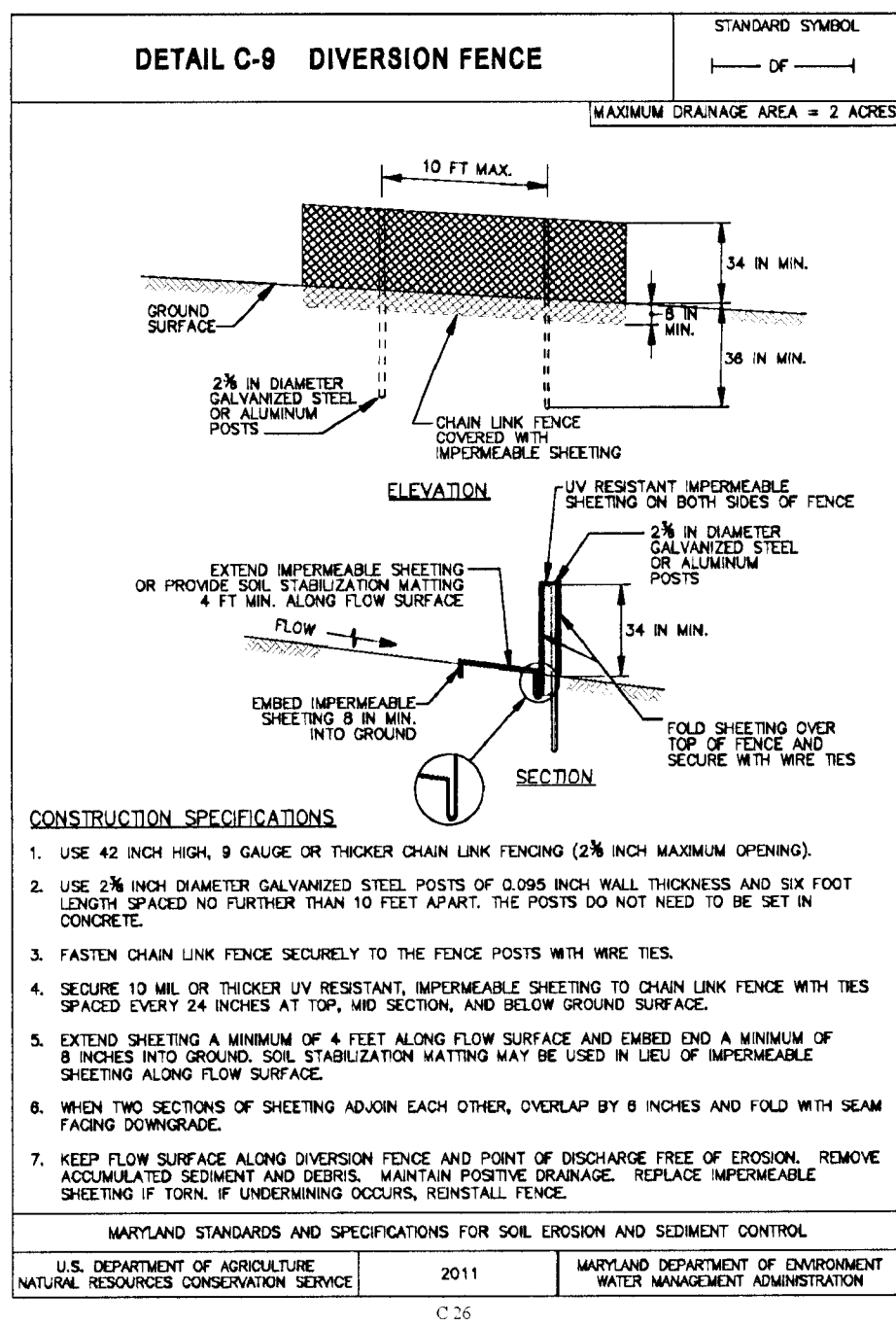


- NOTES: (MUST BE INCLUDED WITH DETAIL)
1. FOREST PROTECTION DEVICE ONLY.
 2. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
 3. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICES.
 4. AVOID ROOT DAMAGE WHEN PLACING ANCHOR POSTS.
 5. DEVICES SHOULD BE PROPERLY MAINTAINED DURING CONSTRUCTION.
 6. PROTECTIVE SIGNAGE IS ALSO REQUIRED.

TEMPORARY FENCE PROTECTION DETAIL FOR WOODLAND PRESERVATION AREAS

August 2010

A-4, DET-5



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Sheet 4 Of 4

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PRINCE GEORGE'S COUNTY, MARYLAND

TEMPLE HILL ROAD OVER PEA HILL BRANCH
TYPE 2 TREE CONSERVATION PLAN