

TCP3 Sheet Number	Gross Tract Area	100 Year Floodplain (FP)	Existing TCP Area in Project Area	Project Area-LOD (PA)	Ex. Woodlands in PA	Existing Woodland in PA within FP	Woodland Cleared in PA	Woodland Cleared in PA within FP	Woodland Cleared Off-Site	Woodland Preservation Area	Woodland Reforestation Area (WRA) in PA	Woodland Retained/ Not Credited	Woodland Retained/ Assumed Cleared
TCP-03	67.48	6.99	0.17	2.30	0.11	0.11	0.11	0.11	N/A	N/A	0.15	N/A	N/A

\*Acres rounded to the nearest 1/100th of an acre unless otherwise indicate

NOTE: PROJECT AREA NOT WITHIN CHESAPEAKE CRITICAL AREA BOUNDARY (CBA)  
PROJECT AREA IS ENTIRELY WITHIN THE PRIORITY FUNDING AREA (PFA).

TCP-0

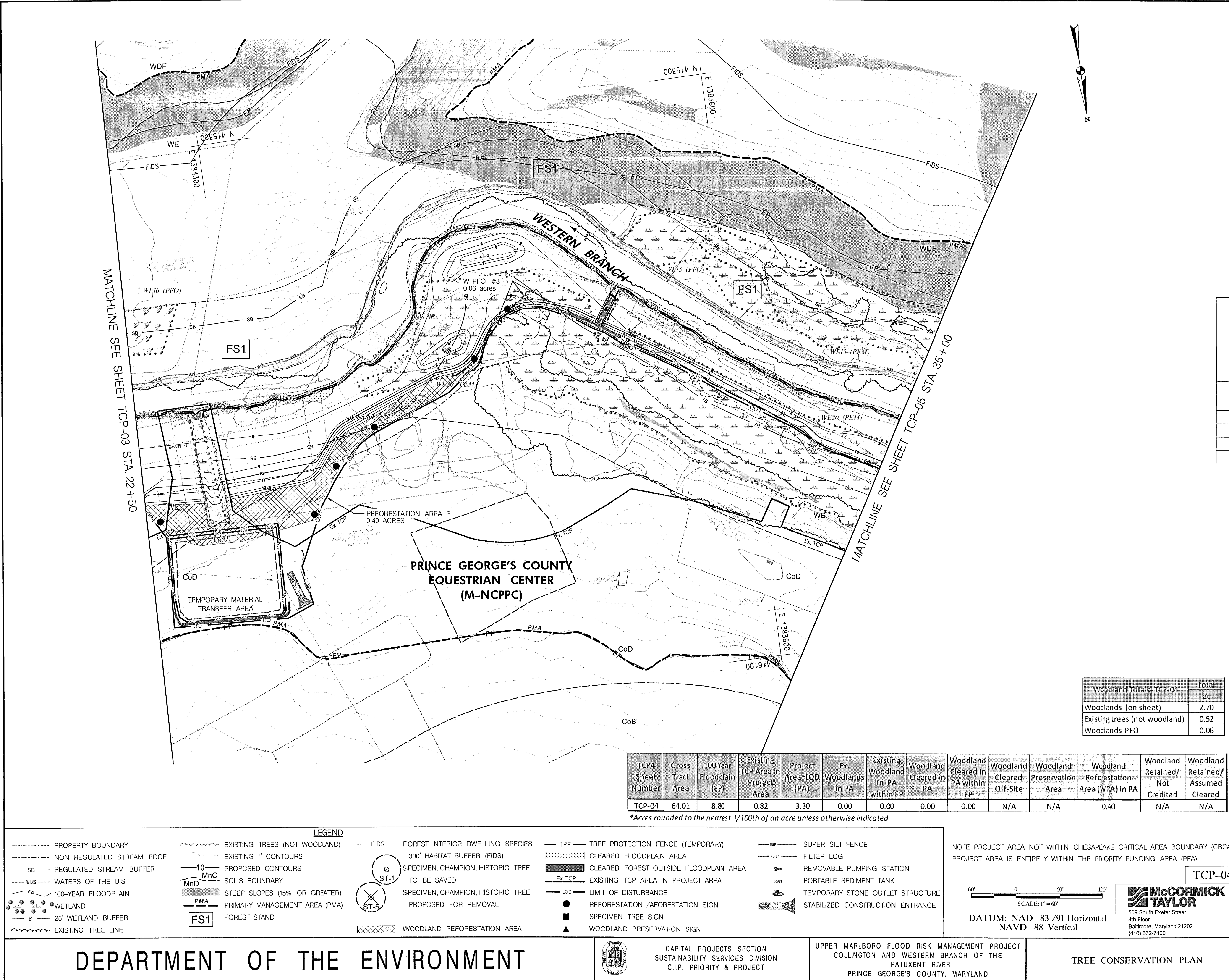
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SCALE: 1" = 60'

**DATUM: NAD 83 /91 Horizontal  
NAVD 88 Vertical**

**McCORMICK  
TAYLOR**  
509 South Exeter Street  
4th Floor  
Baltimore, Maryland 21202  
(410) 662-7400



PLOTTED: Tuesday, November 10, 2015, 4:04:43 PM  
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TCP Prepared By:

*Emily Brooks Dolbin*

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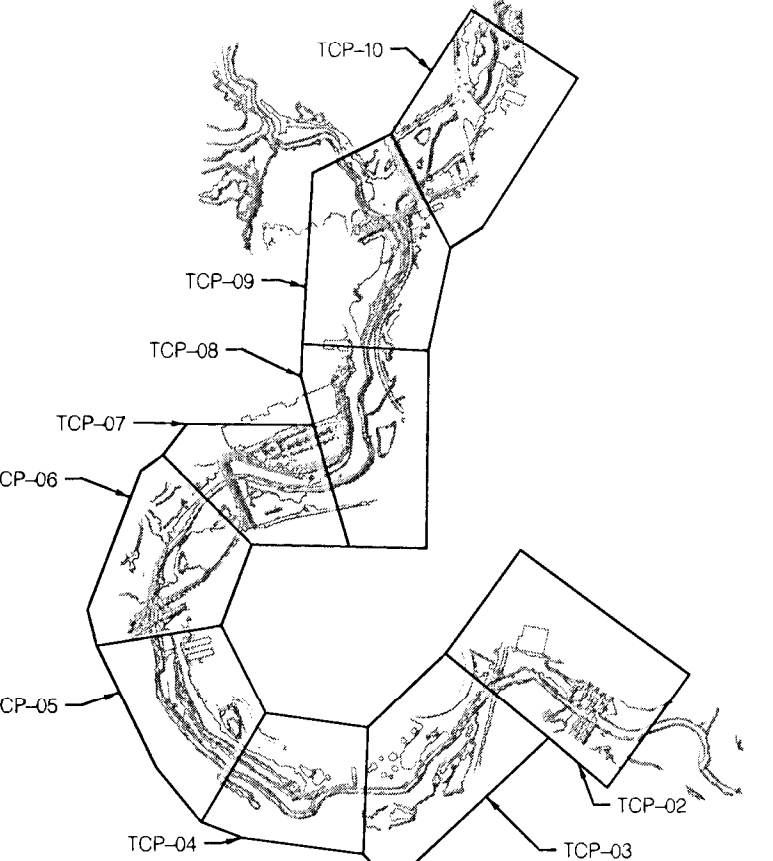
DATE: NOVEMBER 10, 2015

M-NCPPC  
Prince George's County Planning Department  
Environmental Planning Section  
APPROVAL  
TREE CONSERVATION PLAN  
TCP2-018-2015

Approved by Date

*E. Shuler* 11/20/15

01		
02		
03		
04		



DATE	REVISIONS

DEPARTMENT  
OF  
THE ENVIRONMENT  
STORMWATER MANAGEMENT DIVISION  
PRINCE GEORGE'S COUNTY, MARYLAND

ASSOCIATE DIRECTOR DATE  
SCALE: 1" = 60' DWG. 04 OF 11

APPROVED SECTION HEAD DATE

DESIGNED: NMD  
DRAWN: CLY  
CHECKED BY: EBD

PROJECT MANAGER CONTRACT NO.

DEPARTMENT OF THE ENVIRONMENT



CAPITAL PROJECTS SECTION  
SUSTAINABILITY SERVICES DIVISION  
C.I.P. PRIORITY & PROJECT

UPPER MARLBORO FLOOD RISK MANAGEMENT PROJECT  
COLLINGTON AND WESTERN BRANCH OF THE  
PATUXENT RIVER  
PRINCE GEORGE'S COUNTY, MARYLAND

TREE CONSERVATION PLAN















TCP# Sheet Number	Gross Tract Area	100 Year Floodplain (FP)	Existing TCP Area in Project Area	Project Area=LOD (PA)	Ex. Woodlands in PA	Existing Woodland in PA within FP	Woodland Cleared in PA	Woodland Cleared in PA within FP	Woodland Cleared Off-Site	Woodland Preservation Area	Woodland Reforestation Area (WRA) in PA	Woodland Retained/ Not Credited	Woodland Retained/ Assumed Cleared
TCP-08	16.62	8.74	N/A	3.94	3.33	3.02	3.33	3.02	N/A	N/A	0.01	N/A	N/A

\*Acres rounded to the nearest 1/100th of an acre unless otherwise indicated

Woodland Totals- TCP-08	Total ac
Woodlands (on sheet)	8.23
Existing trees (not woodland)	0.001
Woodlands-PFO	0.63



TCP Prepared By:

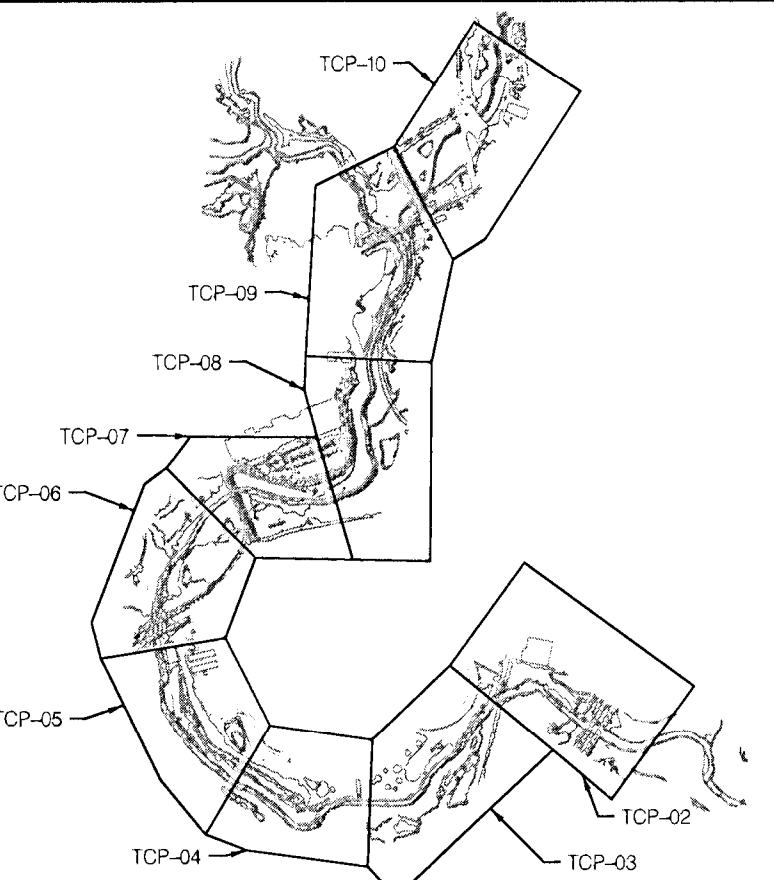
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DATE: NOVEMBER 10, 2015

M-NCPPC  
Prince George's County Planning Department  
Environmental Planning Section  
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TCP2-018-2015

Approved by	Date
<i>R. K. Koular</i>	11/20/15
01	
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DATE	REVISIONS

DEPARTMENT  
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THE ENVIRONMENT  
STORMWATER MANAGEMENT DIVISION  
PRINCE GEORGE'S COUNTY, MARYLAND

ASSOCIATE DIRECTOR	DATE
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APPROVED	SECTION HEAD
DESIGNED: NMD	DATE
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CHECKED BY: EBD	C.I.P.
PROJECT MANAGER	CONTRACT NO.

----- PROPERTY BOUNDARY	----- EXISTING TREES (NOT WOODLAND)	----- FIDS	----- FOREST INTERIOR DWELLING SPECIES 300' HABITAT BUFFER (FIDS)	----- TPF	----- TREE PROTECTION FENCE (TEMPORARY)	----- SSF	----- SUPER SILT FENCE
----- NON REGULATED STREAM EDGE	----- EXISTING 1' CONTOURS	----- ST-1	----- SPECIMEN, CHAMPION, HISTORIC TREE TO BE SAVED	----- CLEARED FLOODPLAIN AREA	----- CLEARED FOREST OUTSIDE FLOODPLAIN AREA	----- FL-24	----- FILTER LOG
SB ----- REGULATED STREAM BUFFER	----- PROPOSED CONTOURS	----- ST-2	----- SPECIMEN, CHAMPION, HISTORIC TREE PROPOSED FOR REMOVAL	----- EX-TCP	----- EXISTING TCP AREA IN PROJECT AREA	----- IS-1	----- REMOVABLE PUMPING STATION
WUS ----- WATERS OF THE U.S.	----- SOILS BOUNDARY			----- LOD	----- LIMIT OF DISTURBANCE	----- IS-2	----- PORTABLE SEDIMENT TANK
FP ----- 100-YEAR FLOODPLAIN	----- STEEP SLOPES (15% OR GREATER)			----- R	----- REFORESTATION /AFORESTATION SIGN	----- IS-3	----- TEMPORARY STONE OUTLET STRUCTURE
WETLAND	----- PRIMARY MANAGEMENT AREA (PMA)			----- S	----- SPECIMEN TREE SIGN	----- SC-1	----- STABILIZED CONSTRUCTION ENTRANCE
B ----- 25' WETLAND BUFFER	----- FOREST STAND			----- WRA	----- WOODLAND REFORESTATION AREA		
----- EXISTING TREE LINE							

NOTE: PROJECT AREA NOT WITHIN CHESAPEAKE CRITICAL AREA BOUNDARY (CBCA).  
PROJECT AREA IS ENTIRELY WITHIN THE PRIORITY FUNDING AREA (PFA).

SCALE: 1"=60'

DATUM: NAD 83 /91 Horizontal  
NAVD 88 Vertical



DEPARTMENT OF THE ENVIRONMENT



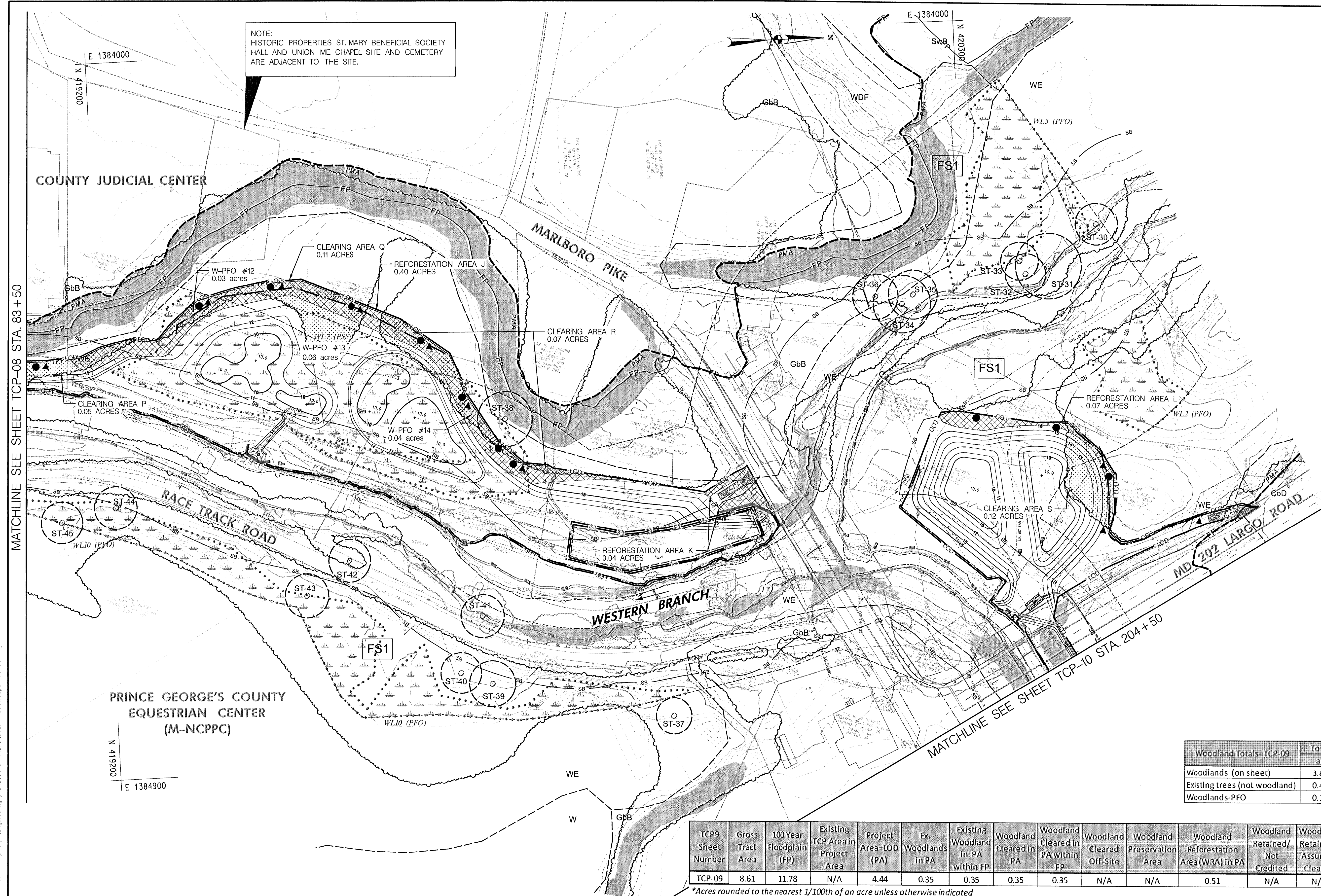
CAPITAL PROJECTS SECTION  
SUSTAINABILITY SERVICES DIVISION  
C.I.P. PRIORITY & PROJECT

UPPER MARLBORO FLOOD RISK MANAGEMENT PROJECT  
COLLINGTON AND WESTERN BRANCH OF THE  
PATUXENT RIVER  
PRINCE GEORGE'S COUNTY, MARYLAND

TREE CONSERVATION PLAN



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--- PROPERTY BOUNDARY	--- EXISTING TREES (NOT WOODLAND)	--- FIDS --- FOREST INTERIOR DWELLING SPECIES 300' HABITAT BUFFER (FIDS)	--- TPF --- TREE PROTECTION FENCE (TEMPORARY)	--- SSF --- SUPER SILT FENCE
--- NON REGULATED STREAM EDGE	--- EXISTING 1' CONTOURS	--- SPECIMEN, CHAMPION, HISTORIC TREE TO BE SAVED	--- EX-TCP --- EXISTING TCP AREA IN PROJECT AREA	--- FL-24 --- FILTER LOG
--- SB --- REGULATED STREAM BUFFER	--- 10' --- PROPOSED CONTOURS	--- SPECIMEN, CHAMPION, HISTORIC TREE PROPOSED FOR REMOVAL	--- LOD --- LIMIT OF DISTURBANCE	--- RPS --- REMOVABLE PUMPING STATION
--- WUS --- WATERS OF THE U.S.	--- MnD --- SOILS BOUNDARY	--- FS1 --- FOREST STAND	--- R --- REFORESTATION /AFORESTATION SIGN	--- P --- PORTABLE SEDIMENT TANK
--- FR --- 100-YEAR FLOODPLAIN	--- PMA --- PRIMARY MANAGEMENT AREA (PMA)	--- W --- WETLAND	--- S --- SPECIMEN TREE SIGN	--- TS --- TEMPORARY STONE OUTLET STRUCTURE
--- B --- 25' WETLAND BUFFER	--- FS1 --- FOREST STAND	--- W --- WETLAND	--- W --- WOODLAND PRESERVATION SIGN	--- SCE --- STABILIZED CONSTRUCTION ENTRANCE
--- --- EXISTING TREE LINE		--- --- WOODLAND REFORESTATION AREA		

NOTE: PROJECT AREA NOT WITHIN CHESAPEAKE CRITICAL AREA BOUNDARY (CBCA).  
PROJECT AREA IS ENTIRELY WITHIN THE PRIORITY FUNDING AREA (PFA).

SCALE: 1" = 60'

DATUM: NAD 83 /91 Horizontal  
NAVD 88 Vertical

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TCP Prepared By:

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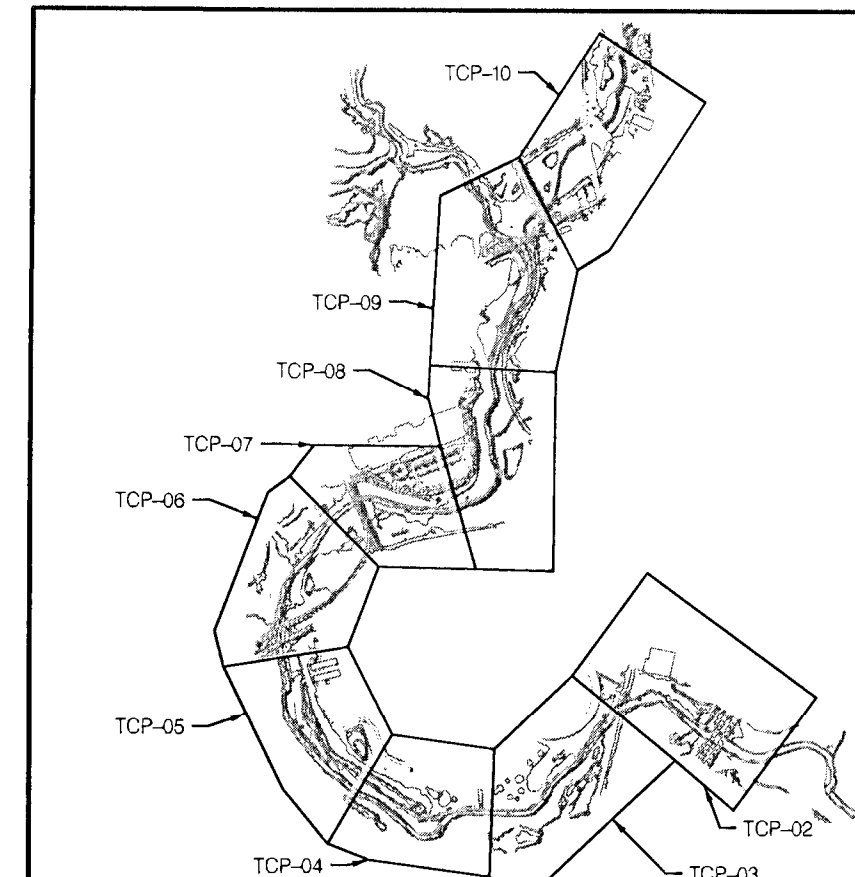
DATE: NOVEMBER 10, 2015

M-NCPPC  
Prince George's County Planning Department  
Environmental Planning Section

APPROVAL  
TREE CONSERVATION PLAN  
TCP2-018-2015

Approved by \_\_\_\_\_ Date \_\_\_\_\_

01		11/20/15
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KEY MAP  
SCALE 1"=1,500'

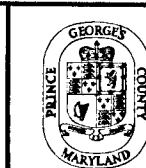
DATE \_\_\_\_\_ REVISIONS \_\_\_\_\_


DEPARTMENT  
OF  
THE ENVIRONMENT  
STORMWATER MANAGEMENT DIVISION  
PRINCE GEORGE'S COUNTY, MARYLAND

ASSOCIATE DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_  
SCALE: 1"=60' DWG. 09 OF 11

APPROVED _____	SECTION HEAD _____	DATE _____
DESIGNED: NMD		
DRAWN: CLY		
CHECKED BY: EBD		
		C.I.P. _____
PROJECT MANAGER _____		CONTRACT NO. _____

DEPARTMENT OF THE ENVIRONMENT



CAPITAL PROJECTS SECTION  
SUSTAINABILITY SERVICES DIVISION  
C.I.P. PRIORITY & PROJECT

UPPER MARLBORO FLOOD RISK MANAGEMENT PROJECT  
COLLINGTON AND WESTERN BRANCH OF THE PATUXENT RIVER  
PRINCE GEORGE'S COUNTY, MARYLAND

TREE CONSERVATION PLAN





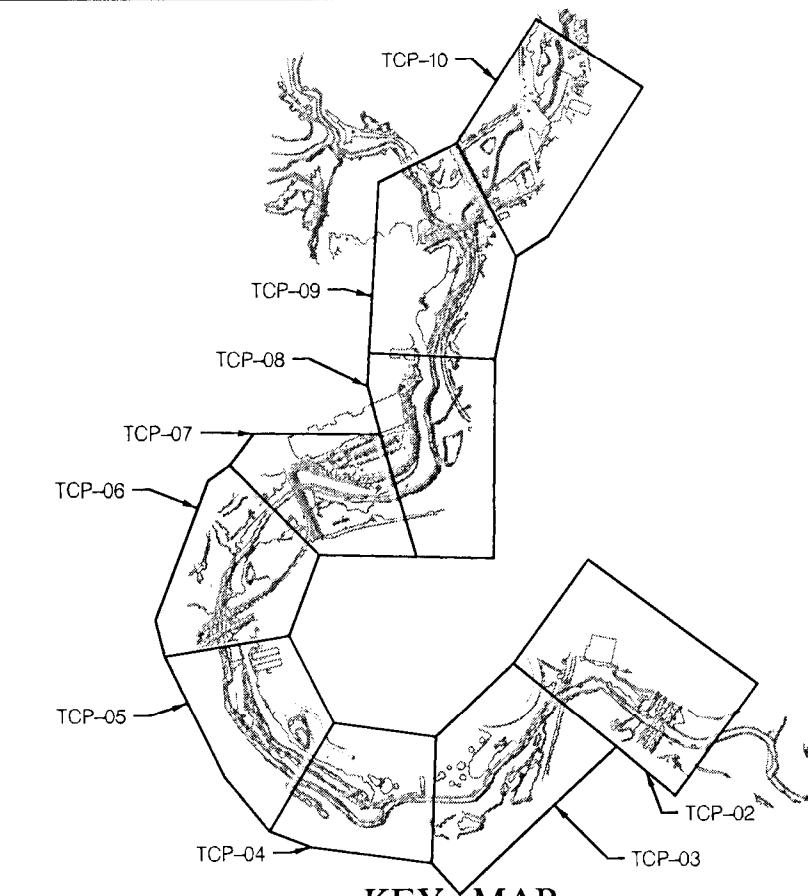
TCP Prepared By:  
*Emily Brooks Dolbin*

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DATE: NOVEMBER 10, 2015

M-NCPPC  
Prince George's County Planning Department  
Environmental Planning Section  
APPROVAL  
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Approved by		Date
<i>K. Shaula</i>		11/20/15
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DATE	REVISIONS

DEPARTMENT  
OF  
THE ENVIRONMENT  
STORMWATER MANAGEMENT DIVISION  
PRINCE GEORGE'S COUNTY, MARYLAND

ASSOCIATE DIRECTOR		DATE
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DRAWN: CLY		
CHECKED BY: EBD		
PROJECT MANAGER		CONTRACT NO.

Woodland Totals- TCP-10	Total
ac	ac
Woodlands (on sheet)	0.67
Existing trees (not woodland)	0.33
Woodlands-PFO	0.00

TCP10 Sheet Number	Gross Tract Area	100 Year Floodplain (FP)	Existing TCP Area in Project Area	Project Area LOD (PA)	Ex. Woodlands in PA	Existing Woodland in PA within FP	Woodland Cleared in PA	Woodland Cleared in PA within FP	Woodland Cleared Off-Site	Woodland Preservation Area	Woodland Reforestation Area (WRA) in PA	Woodland Retained/ Not Credited	Woodland Retained/ Assumed Cleared
TCP-10	8.29	6.85	N/A	2.12	0.00	0.00	0.00	0.00	N/A	N/A	0.30	N/A	N/A

\*Acres rounded to the nearest 1/100th of an acre unless otherwise indicated

- LEGEND**
- PROPERTY BOUNDARY
  - NON REGULATED STREAM EDGE
  - REGULATED STREAM BUFFER
  - WATERS OF THE U.S.
  - 100-YEAR FLOODPLAIN
  - WETLAND
  - 25' WETLAND BUFFER
  - EXISTING TREE LINE
  - EXISTING TREES (NOT WOODLAND)
  - EXISTING 1' CONTOURS
  - PROPOSED CONTOURS
  - SOILS BOUNDARY
  - STEEP SLOPES (15% OR GREATER)
  - PRIMARY MANAGEMENT AREA (PMA)
  - FOREST STAND
  - FIDS - FOREST INTERIOR DWELLING SPECIES 300' HABITAT BUFFER (FIDS)
  - SPECIMEN, CHAMPION, HISTORIC TREE TO BE SAVED
  - SPECIMEN, CHAMPION, HISTORIC TREE PROPOSED FOR REMOVAL
  - WOODLAND REFORESTATION AREA
  - TPF - TREE PROTECTION FENCE (TEMPORARY)
  - CLEARED FLOODPLAIN AREA
  - CLEARED FOREST OUTSIDE FLOODPLAIN AREA
  - EXISTING TCP AREA IN PROJECT AREA
  - LIMIT OF DISTURBANCE
  - REFORESTATION / AFORESTATION SIGN
  - SPECIMEN TREE SIGN
  - WOODLAND PRESERVATION SIGN
  - SUPER SILT FENCE
  - FILTER LOG
  - REMOVABLE PUMPING STATION
  - PORTABLE SEDIMENT TANK
  - TEMPORARY STONE OUTLET STRUCTURE
  - STABILIZED CONSTRUCTION ENTRANCE

NOTE: PROJECT AREA NOT WITHIN CHESAPEAKE CRITICAL AREA BOUNDARY (CBCA).  
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60' 0 60' 120'  
SCALE: 1" = 60'  
DATUM: NAD 83 / 91 Horizontal  
NAVD 88 Vertical

**MCCORMICK TAYLOR**  
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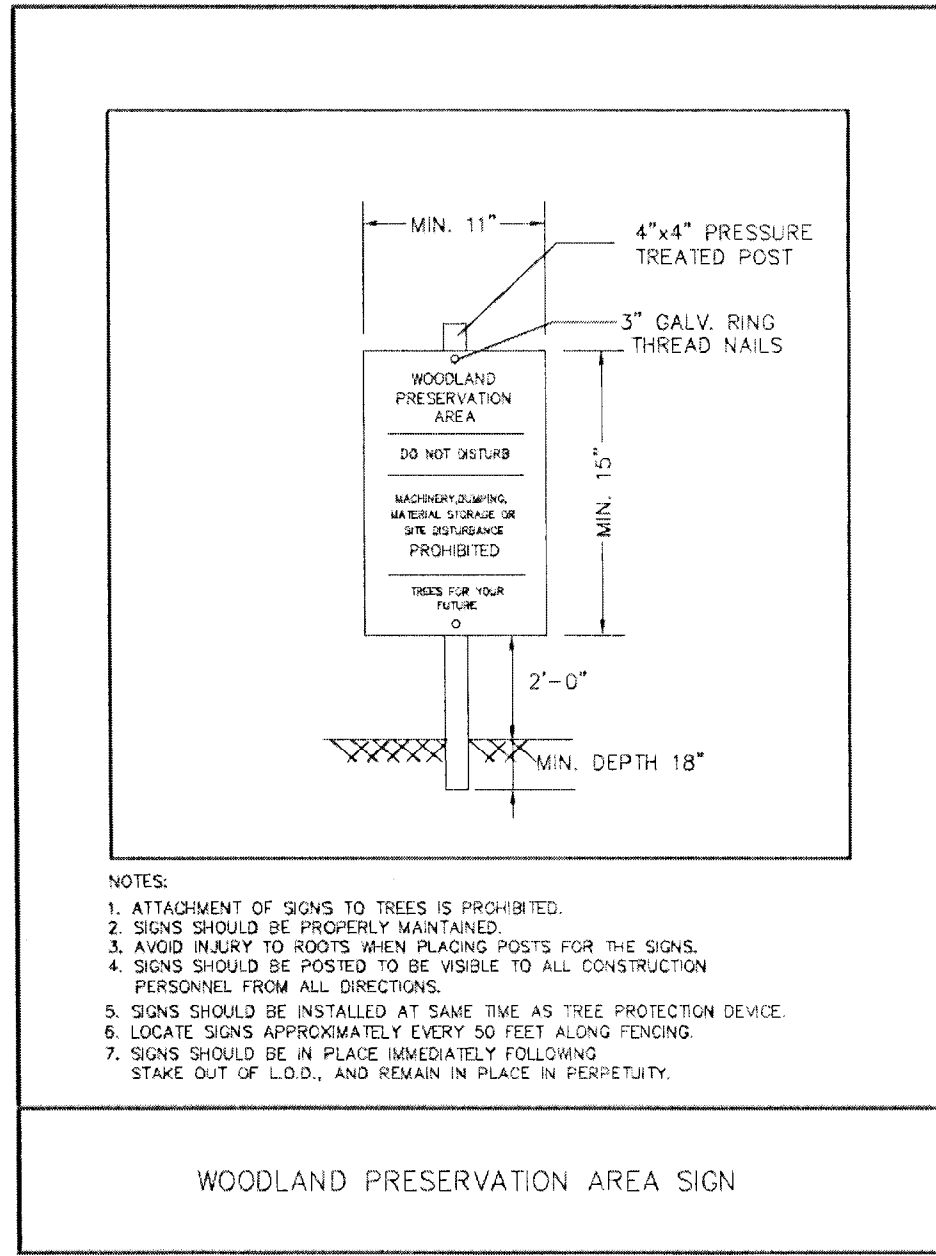
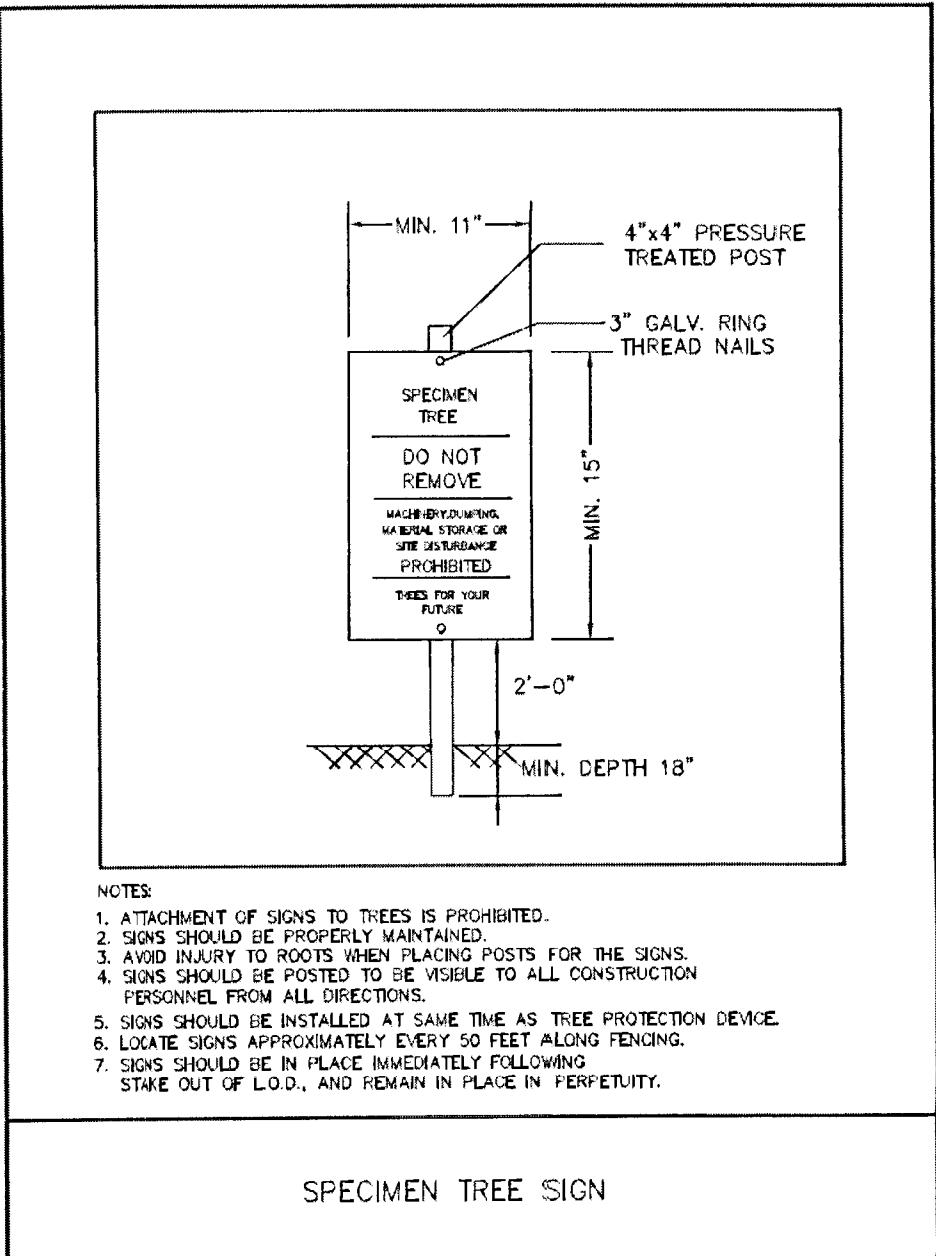
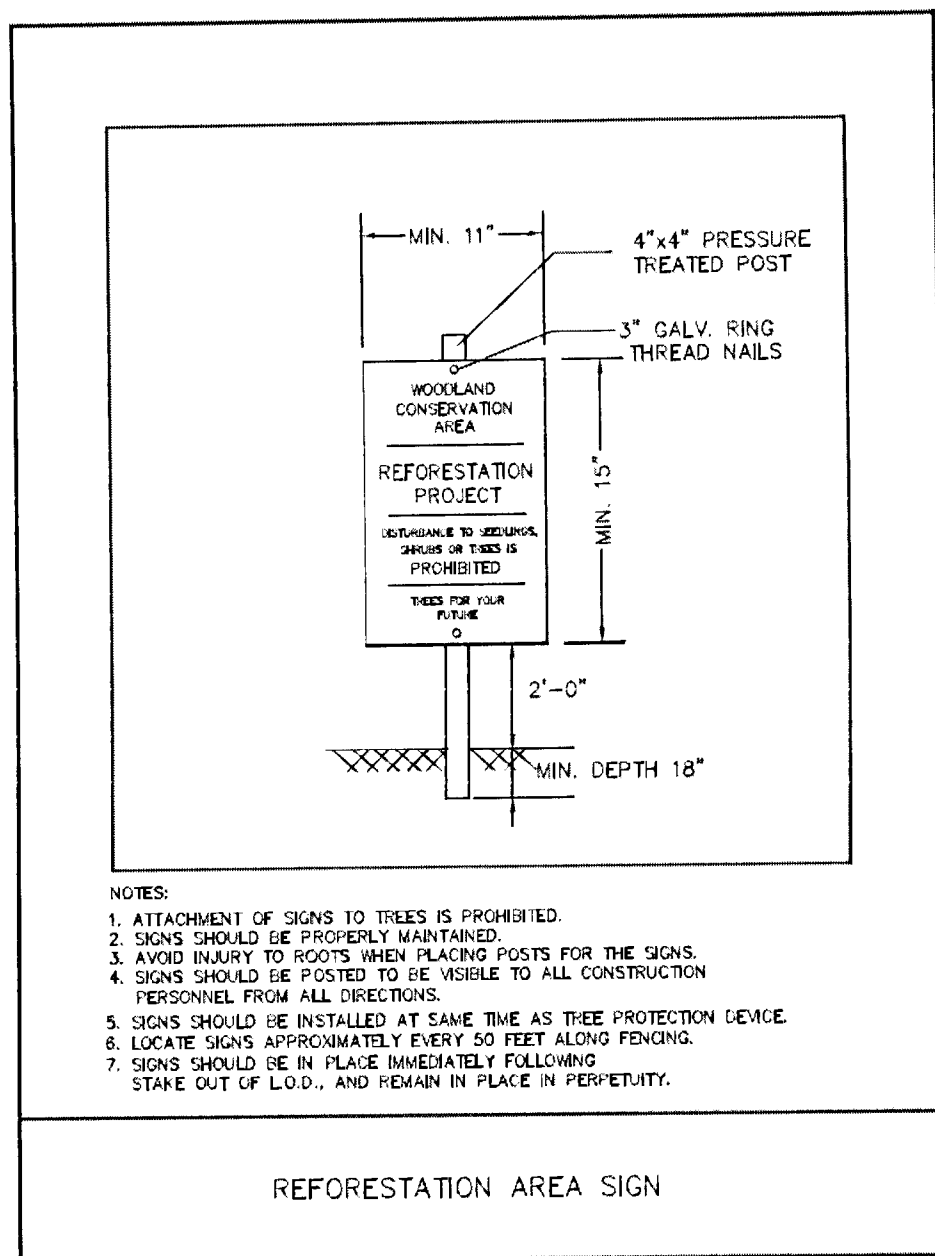
DEPARTMENT OF THE ENVIRONMENT

CAPITAL PROJECTS SECTION  
SUSTAINABILITY SERVICES DIVISION  
C.I.P. PRIORITY & PROJECT

UPPER MARLBORO FLOOD RISK MANAGEMENT PROJECT  
COLLINGTON AND WESTERN BRANCH OF THE  
PATUXENT RIVER  
PRINCE GEORGE'S COUNTY, MARYLAND

TREE CONSERVATION PLAN



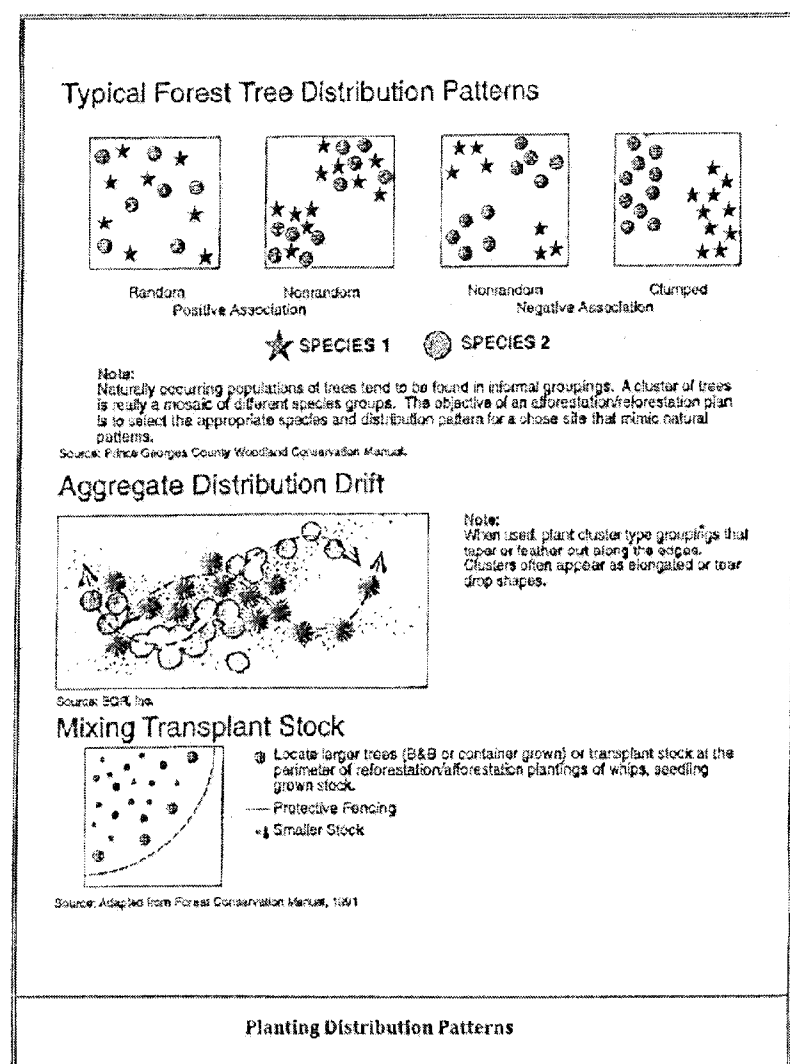
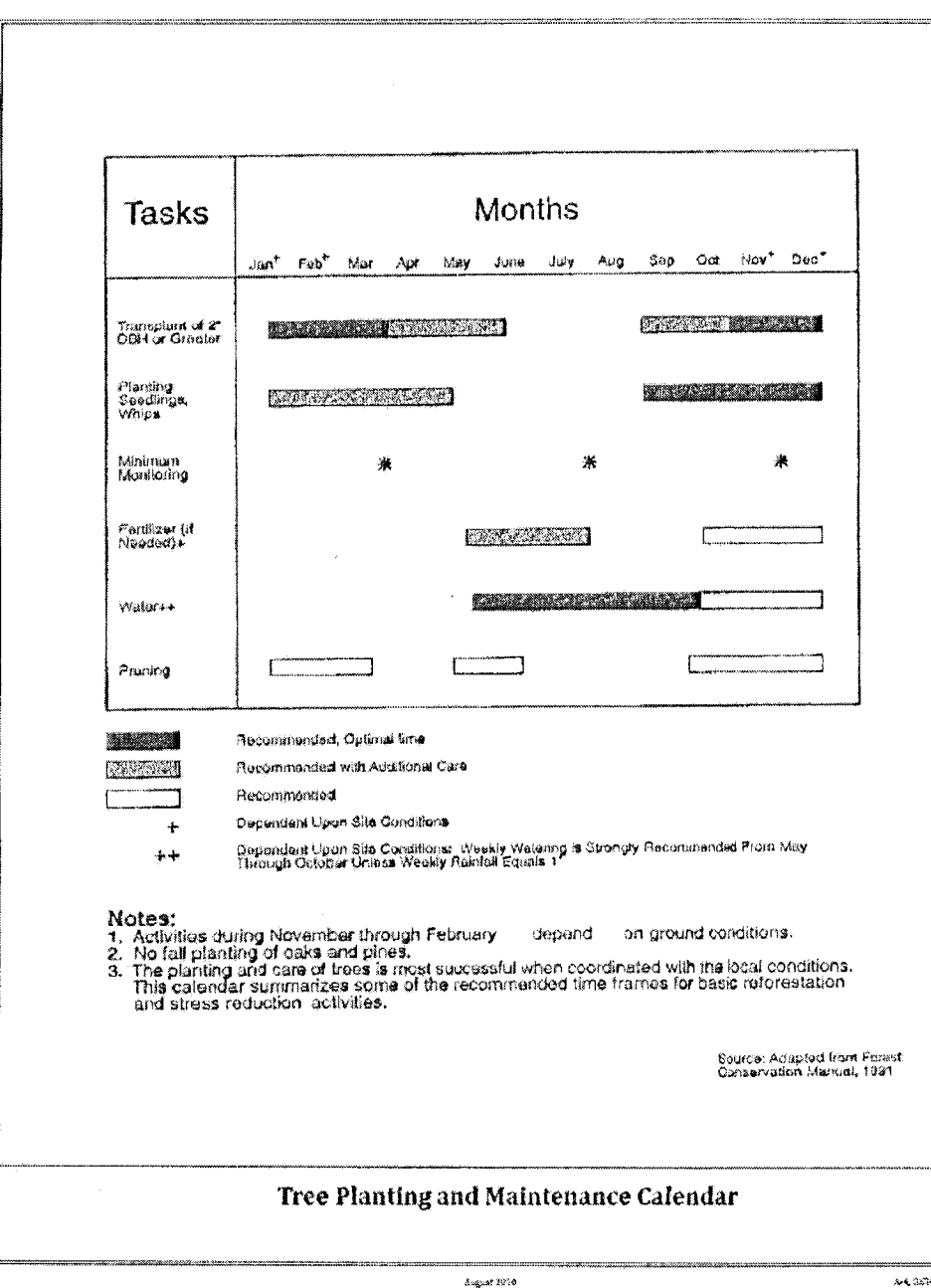
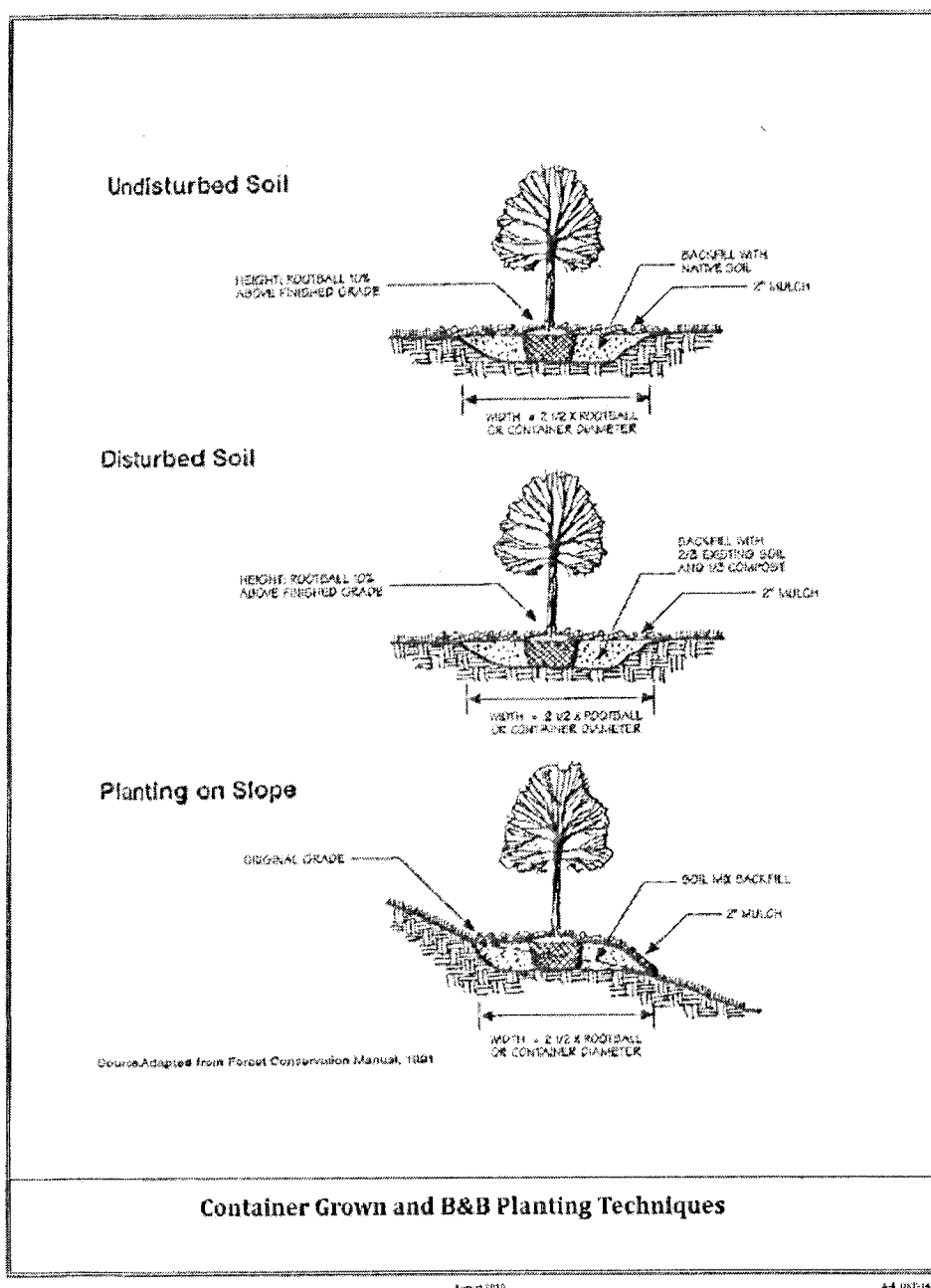
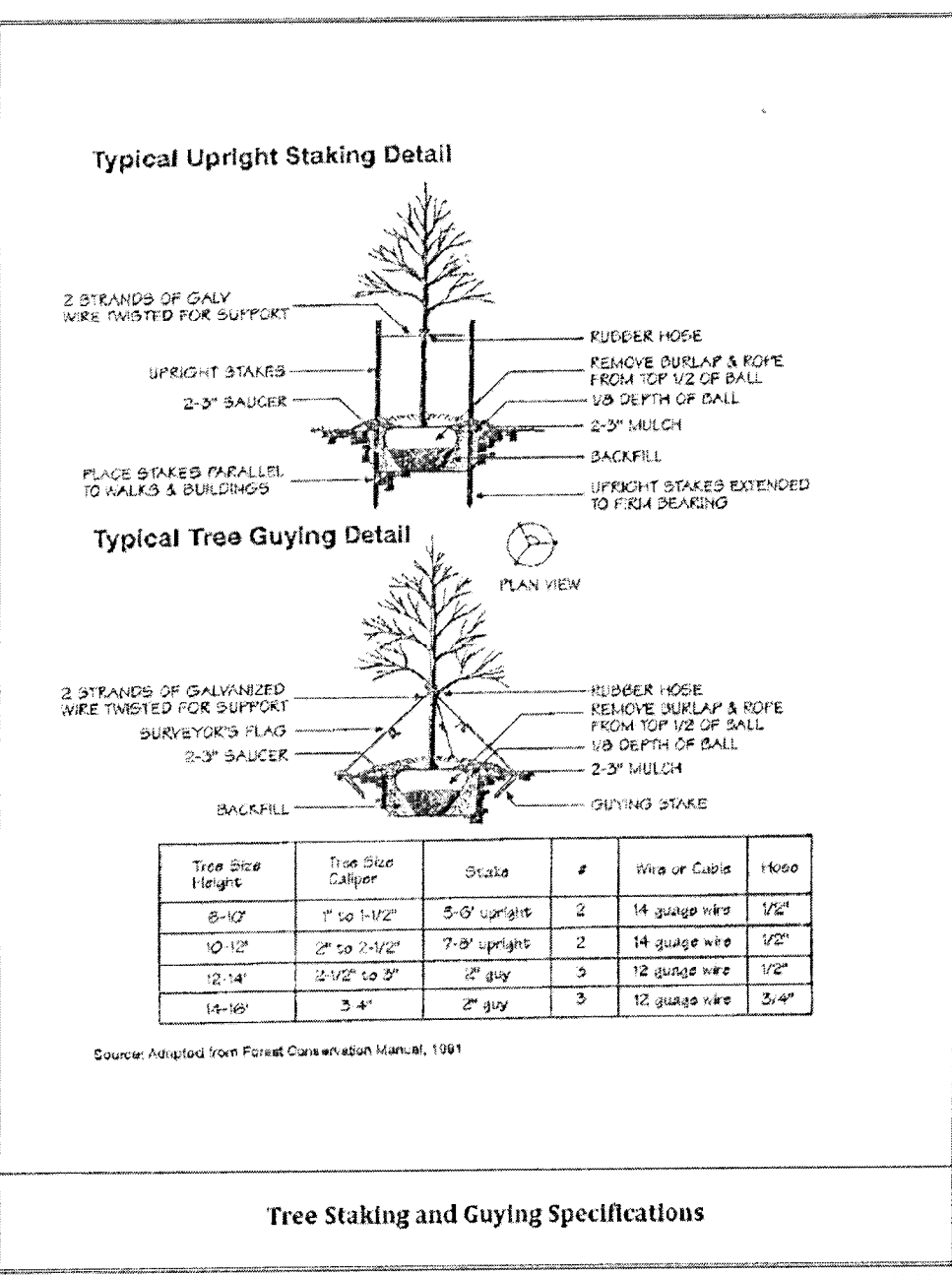
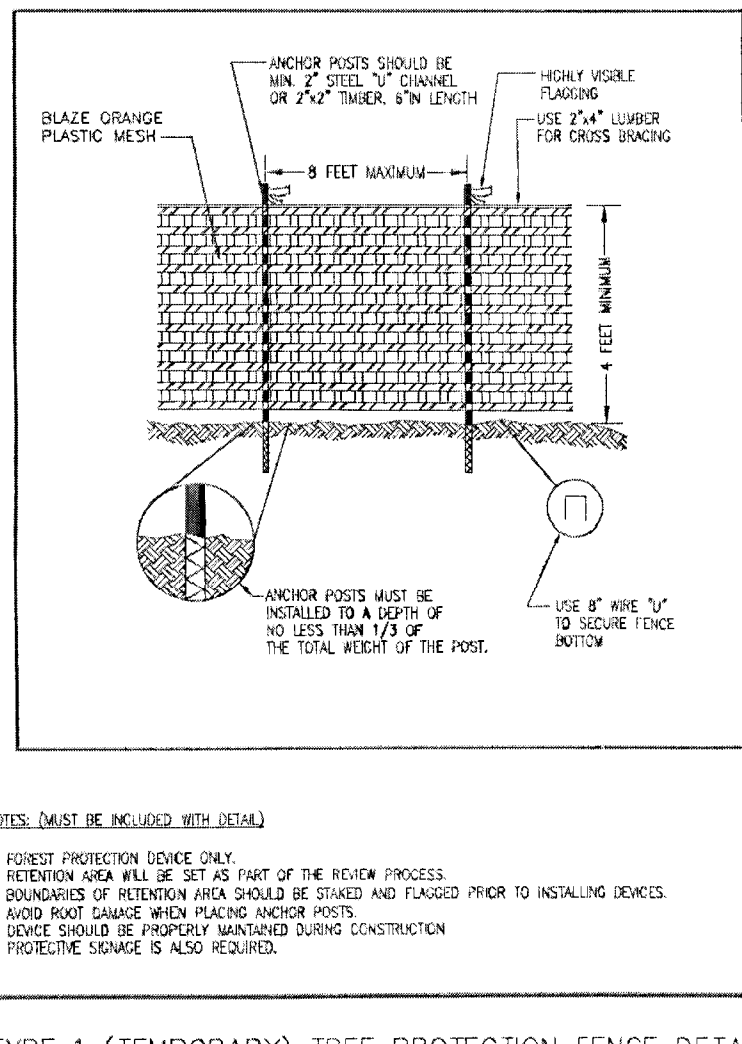
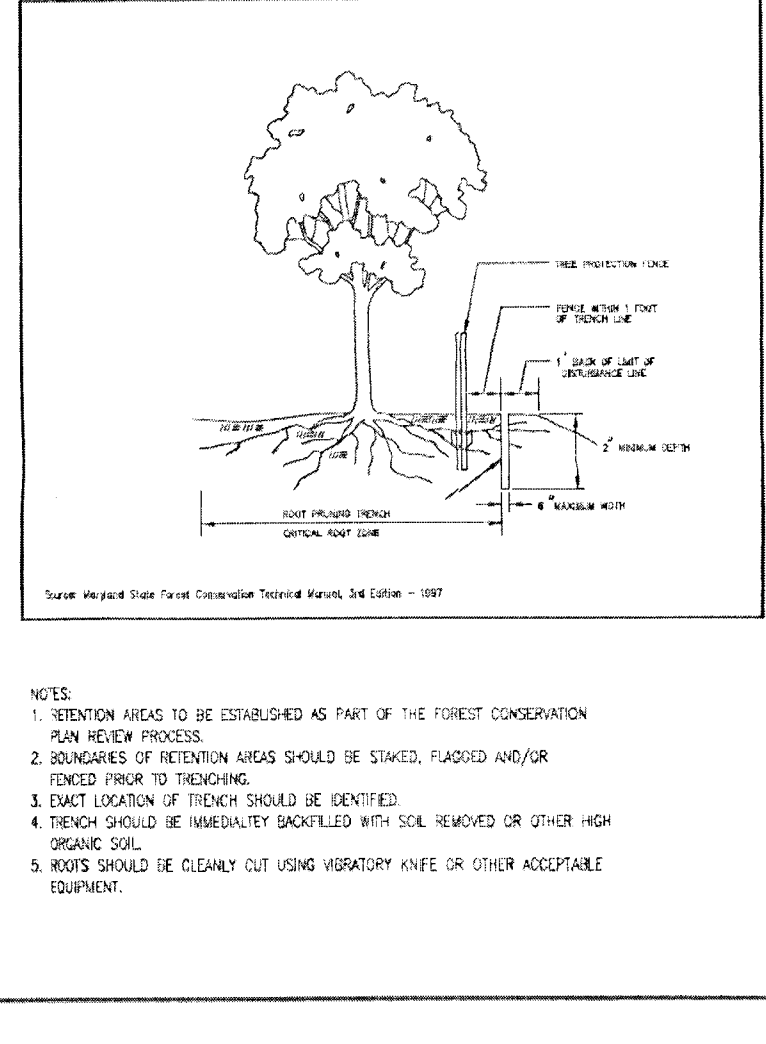
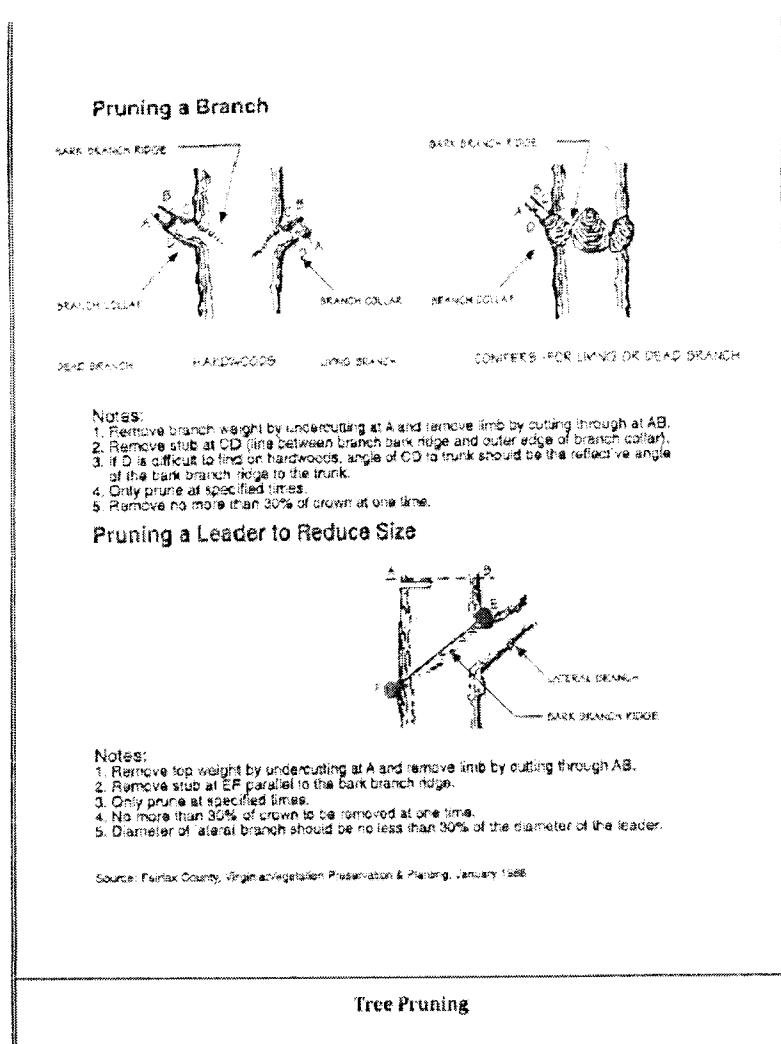


PLANTING SCHEDULE-WOODLAND REFORESTATION AREA						
ZONE	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	COMMENTS
RIPARIAN TREE AND SHRUB ZONE	105	BETULA NIGRA	RIVER BIRCH	1" CAL	B&B	PLANT 12' O.C.
RIPARIAN TREE AND SHRUB ZONE	105	NYSSA SYLVATICA	BLACK GUM	1" CAL	B&B	PLANT 12' O.C.
RIPARIAN TREE AND SHRUB ZONE	105	CORNUS FLORIDA	FLOWERING DOGWOOD	1" CAL	B&B	PLANT 12' O.C.
RIPARIAN TREE AND SHRUB ZONE	105	ILEX OPACA	AMERICAN HOLLY	1" CAL	B&B	PLANT 12' O.C.
RIPARIAN TREE AND SHRUB ZONE	315	PHOTINIA PYRIFOLIA	RED CHOKEBERRY	2'-3' HT	3 GAL. CONT.	PLANT 8' O.C.
RIPARIAN TREE AND SHRUB ZONE	315	VIBURNUM DENTATUM	SOUTHERN ARROWWOOD	2'-3' HT	3 GAL. CONT.	PLANT 8' O.C.
RIPARIAN TREE AND SHRUB ZONE	315	AMELANCHIER ARBorea	COMMON SERVICEBERRY	2'-3' HT	3 GAL. CONT.	PLANT 8' O.C.


### PLANTING NOTES

### PLANTING SPECIFICATION NOTES

2. **Quinty:** See plant schedule
3. **Tree:** See plant schedule
4. **Planting:** The plants selected shall be healthy and sturdy representatives of their species. Plants that do not have an abundance of well-developed terminal buds on the leaders and branches shall be rejected. If plants cannot be planted immediately after delivery to the reforestation site, they shall be stored in the shade with their roots covered from frost and kept in a cool, moist environment. Plants shall be stored in a compost, or other suitable material and shall be maintained through periodic watering, until the time of planting.
5. **Timing of Planting:** No planting shall be done while under growth. Planting shall occur within one growing season after the completion of the site preparation and the clearing and stabilization of planting areas.
6. **Spacing:** See plant schedule and details for spacing requirements.
7. **Soil:** Upon the completion of all grading operations, a soil test shall be conducted to determine what soil preparation is required to create the best growing conditions for the plants. Soil samples shall be taken at an interval of 100' in each direction from the center of the planting area. A soil test shall be taken at a rate that provides one soil sample for each area that appears to have a different soil type, and submitted for testing to a private company. The company of choice shall make recommendations for improving the existing soil. The soil will be amended as recommended for corrections of soil texture, pH, magnesium, phosphorus, potassium, calcium and organic matter.
7. **Soil Improvement Measures:** The soil will be improved according to the recommendations made by the testing company.
8. **Fencing and Signage:** Final protective fencing will not be installed on this project. Signs shall be posted per the signage detail in this plan.
9. **Planting Methods:** Consult the Planting Details shown on this plan.
10. **Mulching:** Apply a two-inch thick (or greater) layer of woodchip or shredded hardwood mulch to each planting site. (See detail shown on the plan).
11. **Survival:** The tree planting is to be checked at the end of the first year to ensure that no less than 75% of the original planted quantity survives. If the minimum number has not been provided, the arbor must be supplemented with additional trees to reach the required number at time of planting.
12. **Source of Plant Material:**

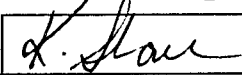


TCP Prepared By:



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DATE: NOVEMBER 10, 2015

M-NCPPC		
Prince George's County Planning Department		
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STORMWATER MANAGEMENT DIVISION  
PRINCE GEORGE'S COUNTY, MARYLAND

ASSOCIATE DIRECTOR		DATE
SCALE: AS NOTED		DWG. II OF II
APPROVED		DATE
SECTION HEAD		
DESIGNED: NMD	C.I.P.	
DRAWN: CLY		
CHECKED BY: EBD		
PROJECT MANAGER		CONTRACT NO.