

- VICINITY MAP  
SCALE: 1"=2000'
- LEGEND**
- PROPOSED TREELINE
  - EXISTING TREELINE
  - PROPOSED CONTOUR
  - EXISTING CONTOUR
  - +190.1 PROPOSED SPOT GRADE
  - HP PROPOSED HIGH POINT
  - 2.0% PROPOSED SLOPE
  - G1 PROPOSED OPEN GRATE INLET
  - Y1 PROPOSED YARD INLET
  - PROPOSED STORM DRAIN
  - PROPOSED RIP-RAP
  - TREE PRESERVATION AREA
  - WOODLAND RETAINED, NOT PART OF REQUIREMENTS
  - WOODLAND TO BE PRESERVED, COUNTED AS PRESERVED
  - LOD LIMIT OF DISTURBANCE
  - TPF TREE PROTECTION FENCE
  - EB PRIMARY MANAGEMENT AREA
  - 100 YEAR FLOODPLAIN
  - SPECIMEN TREE
  - SPECIMEN TREE REMOVED
  - STEEP AND SEVERE SLOPES GREATER THAN 15%

SPECIMEN TREE REMOVAL Date

NUMBER	LATIN NAME / COMMON NAME	SIZE	CONDITION
60	LIRIODENDRON TUPLIFIFERA / TULIP POPLAR	31"	GOOD
168	QUERCUS PALUSTRIS / PIN OAK	33"	FAIR
169	PINUS STROBUS / WHITE PINE	33"	FAIR
170	PRUNUS AVIUM / SWEET CHERRY	32"	POOR/DEAD

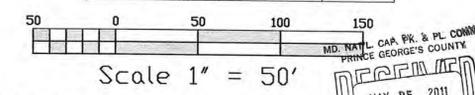
NOTE: THERE ARE 171 SPECIMEN TREES ON THE SITE.  
 NOTE: THIS PLAN IS APPROVED INACCORDANCE WITH THE FOLLOWING VARIANCE(S) FROM THE STRICT REQUIREMENTS OF SUBTITLE 25 APPROVED BY THE PLANNING DIRECTOR ON MAY 5, 2011 :  
 • THE REMOVAL OF FOUR SPECIMEN TREES (SECTION 25-122(b)(1)(C)), ST-60, ST-168, ST169 AND ST170.

NOTE: SUPER SILT FENCE IS TO SERVE AS TREE PROTECTION FENCE.

M-NCPPC  
 Prince George's County Planning Department  
 Environmental Planning Section  
 APPROVAL  
 TREE CONSERVATION PLAN  
 TCP2-019-09

Approved by: *[Signature]* Date: 6/13/2011

01
02
03
04
05



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STATE OF MARYLAND  
 GEORGE E. FIELDER  
 LANDSCAPE ARCHITECT  
 No. 387

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 Columbia, Maryland 21046  
 Phone (410) 423-6318  
 E-Mail fielder@gefielder.com

I, We, M-NCPPC hereby acknowledge that we are aware of this Type 2 Tree Conservation Plan (TCP2) and that we understand the requirements as set forth in this TCP2.

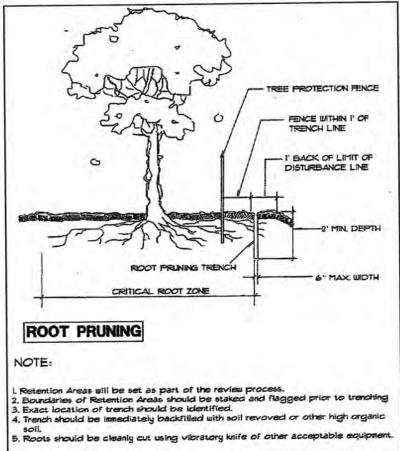
*[Signature]* 5/25/2011 Date

DESIGNED BY: GEF  
 DRAWN BY: GEF  
 SCALE: AS SHOWN  
 DATE: APRIL, 2011  
 REVISED: 3/11; 5/24/2011

THE MARYLAND - NATIONAL CAPITOL PARK AND PLANNING COMMISSION  
 DEPARTMENT OF PARKS AND RECREATION  
 PRINCE GEORGE'S COUNTY  
 6600 KENILWORTH AVE. RIVERDALE, MARYLAND  
 20737-0707 301-688-2481

**TYPE II TREE CONSERVATION PLAN**  
 ROLLINS AVENUE LOCAL PARK  
 701 ROLLINS AVENUE CAPITOL HEIGHTS, MD 20743  
 PRINCE GEORGE'S COUNTY, MARYLAND

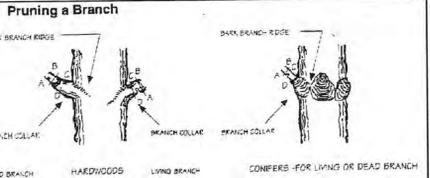
TCP11 1 of 2  
 13 of 33



**ROOT PRUNING**

NOTE:

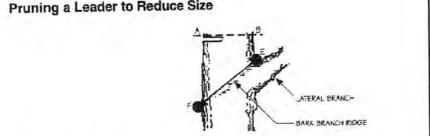
- Retention Areas will be set as part of the review process.
- Boundaries of Retention Areas should be staked and flagged prior to trenching.
- Exact location of trench should be identified.
- Trench should be immediately backfilled with soil removed or other high organic soil.
- Roots should be cleanly cut using vibratory knife or other acceptable equipment.



**Pruning a Branch**

Notes:

- Remove branch weight by undercutting at A and remove limb by cutting through at AB.
- Remove stub at CD (line between branch bark ridge and outer edge of branch collar).
- If D is difficult to find on hardwoods, angle of CD to trunk should be the reflective angle of the bark branch ridge to the trunk.
- Only prune at specified times.
- Only prune at specified times.
- Remove no more than 30% of crown at one time.

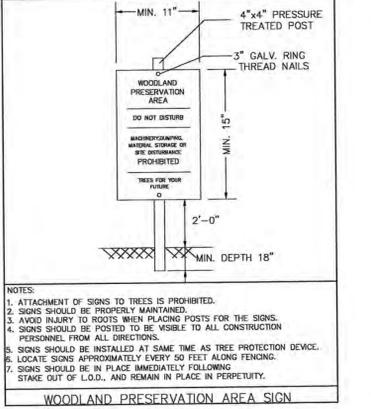


**Pruning a Leader to Reduce Size**

Notes:

- Remove top weight by undercutting at A and remove limb by cutting through AB.
- Remove stub at EF parallel to the bark branch ridge.
- Only prune at specified times.
- No more than 30% of crown to be removed at one time.
- Diameter of lateral branch should be no less than 30% of the diameter of the leader.

Source: Fairfax County, Virginia/Vegetation Preservation & Planting, January 1988

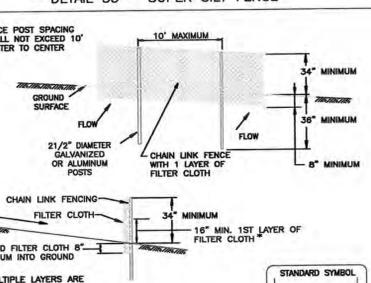


**WOODLAND PRESERVATION AREA SIGN**

NOTES:

- ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.
- SIGNS SHOULD BE PROPERLY MAINTAINED.
- AVOID HAZARD TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.
- SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION PERSONNEL FROM ALL DIRECTIONS.
- SIGNS SHOULD BE INSTALLED AT SAME TIME AS TREE PROTECTION DEVICES.
- LOCATE SIGNS APPROXIMATELY 50 FEET ALONG FENCING.
- SIGNS SHOULD BE IN PLACE IMMEDIATELY FOLLOWING STAKE OUT OF L.O.D., AND REMAIN IN PLACE IN PERPETUITY.

**NOTE: TREE PROTECTION FENCE IN ALL LOCATIONS.**



**DETAIL 33 - SUPER SILT FENCE**

NOTE: FENCE POST SPACING SHALL NOT EXCEED 10' CENTER TO CENTER

Construction Specifications

- Fencing shall be 42\"/>
- Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and truss rods, drive anchors and post caps are not required except on the ends of the fence.
- Fence cloth shall be fastened securely to the chain link fence with ties spaced every 24\"/>
- Fence cloth shall be embedded a minimum of 6\"/>
- When two sections of filter cloth adjoin each other, they shall be overlapped by 6\"/>
- Maintenance shall be performed as needed and silt buildups removed when \"bulges\" develop in the silt fence, or when silt reaches 50% of fence height
- Filter cloth 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 gpm/ft <sup>2</sup> /minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE      PARE H-26-3      MARYLAND DEPARTMENT OF ENVIRONMENT AND WATER MANAGEMENT ADMINISTRATION

26.0 SUPER SILT FENCE

**Definition**

A temporary barrier of geotextile fabric over chain link fence used to intercept sediment laden runoff from small drainage areas.

**Purpose**

To reduce runoff velocity and allow the deposition of transported sediment to occur. Limits imposed by ultraviolet light stability of the fabric will dictate the maximum period that the silt fence may be used.

Design computations are not needed.

Length of the silt fence shall conform to these limits:

Slope	Slope Length (maximum)	Silt Fence Length (minimum)
0 - 10%	Unlimited	Unlimited
10:1 - 20:1	100 feet	1,500 feet
20:1 - 33:1	100 feet	1,000 feet
33:1 - 50:1	100 feet	500 feet
50:1 +	50 feet	250 feet

Where ends of the geotextile fabric come together, the ends shall be overlapped, folded, and stapled to prevent sediment bypass.

**Construction Specifications**

Fencing shall be 42 inches in height and constructed in accordance with the latest Maryland State Highway (SHA) Details for Chain Link Fencing. The SHA specification for a 6 foot fence shall be used, substituting 42 inch fabric and 6 foot length posts.

- The poles do not need to be set in concrete.
- Chain link fence shall be fastened securely to the fence posts with wire ties or staples.
- Geotextile fabric shall be fastened securely to the chain link fence with ties spaced every 24\"/>
- Geotextile fabric shall be embedded a minimum of 9\"/>
- When two sections of geotextile fabric adjoin each other, they shall be overlapped by 6\"/>
- Maintenance shall be performed as needed and silt buildups removed when \"bulges\" develop in

No.	Common Name	Scientific Name	Dbh (inches)	Condition Rating	Condition Comments	Disposition	Preservation Comments
1	Tulip Poplar	Liriodendron tulipifera	42	fair		Save	
2	Tulip Poplar	Liriodendron tulipifera	30	fair		Save	
3	Tulip Poplar	Liriodendron tulipifera	38	good		Save	Fertilize/RootPrune
4	Tulip Poplar	Liriodendron tulipifera	37	good		Save	Fertilize/RootPrune
5	Tulip Poplar	Liriodendron tulipifera	40	good		Save	
6	White Ash	Fraxinus americana	44	good		Save	
7	Tulip Poplar	Liriodendron tulipifera	32	good		Save	
8	Tulip Poplar	Liriodendron tulipifera	39	good		Save	
9	Tulip Poplar	Liriodendron tulipifera	34	good		Save	
10	Tulip Poplar	Liriodendron tulipifera	41	good		Save	
11	Tulip Poplar	Liriodendron tulipifera	42	good		Save	Fertilize/RootPrune
12	Tulip Poplar	Liriodendron tulipifera	30	good		Save	Fertilize/RootPrune
13	Tulip Poplar	Liriodendron tulipifera	42	good		Save	Fertilize/RootPrune
14	Tulip Poplar	Liriodendron tulipifera	48	good		Save	Fertilize/RootPrune
15	Tulip Poplar	Liriodendron tulipifera	38	good		Save	Fertilize/RootPrune
16	Tulip Poplar	Liriodendron tulipifera	50	good		Save	Fertilize/RootPrune
17	Tulip Poplar	Liriodendron tulipifera	37	good		Save	Fertilize/RootPrune
18	Tulip Poplar	Liriodendron tulipifera	42	fair		Save	
19	Tulip Poplar	Liriodendron tulipifera	53	good		Save	
20	Tulip Poplar	Liriodendron tulipifera	41	good		Save	
21	Tulip Poplar	Liriodendron tulipifera	37	good		Save	Clear Underbrush
22	Tulip Poplar	Liriodendron tulipifera	31	good		Save	
23	Tulip Poplar	Liriodendron tulipifera	36	good		Save	
24	Tulip Poplar	Liriodendron tulipifera	34	good		Save	
25	Tulip Poplar	Liriodendron tulipifera	36	good		Save	
26	Tulip Poplar	Liriodendron tulipifera	35	good		Save	
27	Tulip Poplar	Liriodendron tulipifera	31	good		Save	
28	Tulip Poplar	Liriodendron tulipifera	40	good		Save	
29	Tulip Poplar	Liriodendron tulipifera	33	good		Save	
30	Tulip Poplar	Liriodendron tulipifera	53	good		Save	
31	Tulip Poplar	Liriodendron tulipifera	31	good		Save	
32	Sycamore	Platanus occidentalis	36	good		Save	Fertilize
33	Tulip Poplar	Liriodendron tulipifera	42	good		Save	
34	Tulip Poplar	Liriodendron tulipifera	42	good		Save	
35	Tulip Poplar	Liriodendron tulipifera	36	fair		Save	
36	Tulip Poplar	Liriodendron tulipifera	30	fair		Save	
37	Tulip Poplar	Liriodendron tulipifera	48	good		Save	
38	Sycamore	Platanus occidentalis	46	good		Save	
39	Tulip Poplar	Liriodendron tulipifera	46	good		Save	
40	Sycamore	Platanus occidentalis	40	fair		Save	
41	Tulip Poplar	Liriodendron tulipifera	30	good		Save	
42	Tulip Poplar	Liriodendron tulipifera	31	good		Save	
43	Tulip Poplar	Liriodendron tulipifera	36	good		Save	
44	Sycamore	Platanus occidentalis	48	good		Save	
45	Tulip Poplar	Liriodendron tulipifera	32	good		Save	Fertilize
46	Tulip Poplar	Liriodendron tulipifera	36	good		Save	Fertilize
47	Tulip Poplar	Liriodendron tulipifera	33	good		Save	Fertilize/RootPrune
48	Tulip Poplar	Liriodendron tulipifera	40	good		Save	
49	Tulip Poplar	Liriodendron tulipifera	31	good		Save	
50	Tulip Poplar	Liriodendron tulipifera	36	good		Save	
51	Tulip Poplar	Liriodendron tulipifera	30	good		Save	
52	Sycamore	Platanus occidentalis	30	good		Save	
53	Tulip Poplar	Liriodendron tulipifera	34	good		Save	Fertilize
54	Tulip Poplar	Liriodendron tulipifera	40	good		Save	
55	Tulip Poplar	Liriodendron tulipifera	37	good		Save	
56	Tulip Poplar	Liriodendron tulipifera	33	good		Save	
57	Sycamore	Platanus occidentalis	35	good		Save	Fertilize/RootPrune
58	American Beech	Fagus grandifolia	32	good		Save	
59	Red Oak	Quercus rubra	50	poor		Save	Clear Underbrush
60	Tulip Poplar	Liriodendron tulipifera	31	good		Remove	
61	White Oak	Quercus alba	36	fair		Save	
62	White Oak	Quercus alba	33	good		Save	
63	Tulip Poplar	Liriodendron tulipifera	33	good		Save	
64	Sycamore	Platanus occidentalis	43	good		Save	
65	Tulip Poplar	Liriodendron tulipifera	35	good		Save	
66	Tulip Poplar	Liriodendron tulipifera	37	good		Save	
67	Tulip Poplar	Liriodendron tulipifera	30	good		Save	
68	Sycamore	Platanus occidentalis	31	good		Save	
69	Tulip Poplar	Liriodendron tulipifera	42	good		Save	
70	Red Oak	Quercus rubra	36	good		Save	
71	Hickory	Carya sp.	30	good		Save	
72	Tulip Poplar	Liriodendron tulipifera	48	fair		Save	
73	Tulip Poplar	Liriodendron tulipifera	38	fair		Save	
74	Tulip Poplar	Liriodendron tulipifera	38	fair		Save	
75	Tulip Poplar	Liriodendron tulipifera	40	good		Save	
76	Tulip Poplar	Liriodendron tulipifera	38	good		Save	
77	Tulip Poplar	Liriodendron tulipifera	40	good		Save	
78	Tulip Poplar	Liriodendron tulipifera	48	good		Save	
79	Tulip Poplar	Liriodendron tulipifera	38	good		Save	
80	Hickory	Carya sp.	33	good		Save	
81	Tulip Poplar	Liriodendron tulipifera	35	good		Save	
82	Tulip Poplar	Liriodendron tulipifera	30	fair		Save	
83	Red Oak	Quercus rubra	41	poor		Save	
84	Tulip Poplar	Liriodendron tulipifera	40	fair		Save	
85	Tulip Poplar	Liriodendron tulipifera	43	fair		Save	Clear Underbrush
86	Tulip Poplar	Liriodendron tulipifera	33	good		Save	
87	Tulip Poplar	Liriodendron tulipifera	30	good		Save	
88	Black Oak	Quercus velutina	33	good		Save	
89	Tulip Poplar	Liriodendron tulipifera	43	good		Save	Clear Underbrush
90	Tulip Poplar	Liriodendron tulipifera	34	good		Save	Fertilize/RootPrune
91	Tulip Poplar	Liriodendron tulipifera	37	fair		Save	Fertilize/RootPrune
92	Tulip Poplar	Liriodendron tulipifera	50	fair		Save	Fertilize/RootPrune

93	Tulip Poplar	Liriodendron tulipifera	39	good		Save	
94	Tulip Poplar	Liriodendron tulipifera	32	good		Save	
95	Tulip Poplar	Liriodendron tulipifera	31	good		Save	
96	Tulip Poplar	Liriodendron tulipifera	31	good		Save	
97	White Ash	Fraxinus americana	31	fair		Save	Clear Underbrush
98	White Oak	Quercus alba	30	good		Save	
99	Tulip Poplar	Liriodendron tulipifera	36	fair		Save	
100	Tulip Poplar	Liriodendron tulipifera	36	fair		Save	
101	Sycamore	Platanus occidentalis	34	fair		Save	
102	Red Oak	Quercus rubra	25	good		Save	
103	Hickory	Carya sp.	30	good		Save	
104	Tulip Poplar	Liriodendron tulipifera	34	good		Save	
105	Tulip Poplar	Liriodendron tulipifera	31	good		Save	
106	Tulip Poplar	Liriodendron tulipifera	48	good		Save	
107	Tulip Poplar	Liriodendron tulipifera	31	good		Save	
108	White Ash	Fraxinus americana	36	good		Save	
109	White Ash	Fraxinus americana	31	good		Save	
110	Tulip Poplar	Liriodendron tulipifera	36	good		Save	
111	Tulip Poplar	Liriodendron tulipifera	35	good		Save	
112	White Ash	Fraxinus americana	33	good		Save	
113	White Ash	Fraxinus americana	30	good		Save	
114	Tulip Poplar	Liriodendron tulipifera	35	good		Save	
115	Tulip Poplar	Liriodendron tulipifera	31	good		Save	
116	Tulip Poplar	Liriodendron tulipifera	33	good		Save	
117	Tulip Poplar	Liriodendron tulipifera	30	good		Save	
118	Hickory	Carya sp.	34	good		Save	
119	Tulip Poplar	Liriodendron tulipifera	34	good		Save	
120	Tulip Poplar	Liriodendron tulipifera	39	good		Save	
121	Red Oak	Quercus rubra	39	poor		Save	Fertilize/RootPrune
122	Sycamore	Platanus occidentalis	36	good		Save	
123	White Ash	Fraxinus americana	31	good		Save	
124	Tulip Poplar	Liriodendron tulipifera	33	good		Save	
125	Sweetgum	Liquidambar styraciflua	48	poor		Save	
126	Tulip Poplar	Liriodendron tulipifera	38	good		Save	Fertilize/RootPrune
127	Tulip Poplar	Liriodendron tulipifera	36	fair		Save	
128	Tulip Poplar	Liriodendron tulipifera	41	good		Save	
129	Tulip Poplar	Liriodendron tulipifera	38	good		Save	
130	Tulip Poplar	Liriodendron tulipifera	32	good		Save	
131	Tulip Poplar	Liriodendron tulipifera	33	good		Save	
132	Tulip Poplar	Liriodendron tulipifera	36	good		Save	
133	Tulip Poplar	Liriodendron tulipifera	36	good		Save	
134	White Ash	Fraxinus americana	30	good		Save	
135	Red Maple	Acer rubrum	36	good		Save	
136	Tulip Poplar	Liriodendron tulipifera	48	good		Save	
137	Sweetgum	Liquidambar styraciflua	31	good		Save	
138	Tulip Poplar	Liriodendron tulipifera	36	good		Save	
139	White Ash	Fraxinus americana	33	good		Save	
140	Tulip Poplar	Liriodendron tulipifera	42	good		Save	
141	Tulip Poplar	Liriodendron tulipifera	36	good		Save	
142	Tulip Poplar	Liriodendron tulipifera	43	good		Save	
143	Black Cherry	Prunus serotina	43	fair		Save	
144	Tulip Poplar	Liriodendron tulipifera	40	good		Save	
145	Tulip Poplar	Liriodendron tulipifera	25	good		Save	
146	Tulip Poplar	Liriodendron tulipifera	32	good		Save	
147	Tulip Poplar	Liriodendron tulipifera	30	good		Save	
148	Tulip Poplar	Liriodendron tulipifera	32	good		Save	
149	Tulip Poplar	Liriodendron tulipifera	36	good		Save	
150	Tulip Poplar	Liriodendron tulipifera	36	good		Save	
151	Tulip Poplar	Liriodendron tulipifera	33	good		Save	
152	Tulip Poplar	Liriodendron tulipifera	31	good		Save	
153	Tulip Poplar	Liriodendron tulipifera	33	good		Save	
154	Tulip Poplar	Liriodendron tulipifera	34	good		Save	
155	Tulip Poplar	Liriodendron tulipifera	34	good		Save	
156	Tulip Poplar	Liriodendron tulipifera	32	fair		Save	
157	Tulip Poplar	Liriodendron tulipifera	38	good		Save	
158	Tulip Poplar	Liriodendron tulipifera	37	good		Save	
159	Tulip Poplar	Liriodendron tulipifera	30	good		Save	
160	Tulip Poplar	Liriodendron tulipifera	30	good		Save	