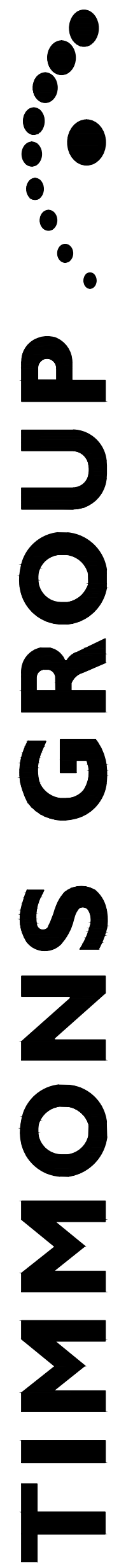


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TUCKAHOE PARK STREAM RESTORATION DESIGN  
 THREE CHOPT DISTRICT - HENRICO COUNTY - VIRGINIA  
 PLANTING SCHEDULE

JOB NO.  
**34060.031**  
 SHEET NO.  
**9.03**

PLANTING SCHEDULE																	
ZONE	STRATUM	GROUPS	SPECIES				TOTAL QUANTITY		ZONE ACRES	A TUBELING QTY	B TUBELING QTY	C TUBELING QTY	D TUBELING QTY	E TUBELING QTY			
			BOTANICAL NAME	COMMON NAME	INDICATOR STATUS	PLANT SPACING (FEET O.C.)	PLANTS PER ACRE	# OF PLANTS									
RIPARIAN FOREST	TREE LAYER	1	<i>Betula nigra</i>	River birch	FACW	6-10'	150	330					330				
			<i>Salix nigra</i>	Black willow	FACW	6-10'											
			<i>Ulmus rubra</i>	Slippery elm	FAC	6-10'											
		2	<i>Platanus occidentalis</i>	American sycamore	FACW	6-10'	150	330									
			<i>Liquidambar styraciflua</i>	Sweetgum	FAC	6-10'											
			<i>Morella cerifera</i>	Wax myrtle	FAC	6-10'											
	3	<i>Sambucus nigra</i>	Common elderberry	FAC	6-10'	150	330										
		<i>Acer rubrum</i>	Red maple	FAC	6-10'												
		<i>Liriodendron tulipifera</i>	Tuliptree	FACU	6-10'												
		<b>Total</b>						<b>990</b>									
SHRUB LAYER	1	<i>Cephalanthus occidentalis</i>	Common buttonbush	OBL	6-10'	75	165						165				
		<i>Comus amomum</i>	Silky dogwood	FACW	6-10'												
		<i>Morella cerifera</i>	Wax myrtle	FAC	6-10'												
	2	<i>Physocarpus opulifolius</i>	Common ninebark	FACW	6-10'	75	165										
		<i>Virburnum dentatum</i>	Southern arrowwood	FAC	6-10'												
		<i>Cercis canadensis</i>	Eastern redbud	FACU	6-10'												
<b>Total</b>					<b>330</b>												
UPLAND FOREST	TREE LAYER	1	<i>Acer rubrum</i>	Red maple	FAC	6-10'	150	55						55			
			<i>Prunus serotina</i>	Black cherry	FACU	6-10'											
			<i>Sassafras albidum</i>	Sassafras	FACU	6-10'											
		2	<i>Liquidambar styraciflua</i>	Sweetgum	FAC	6-10'	150	55									
			<i>Pinus strobus</i>	Eastern white pine	FACU	6-10'											
			<i>Pinus virginiana</i>	Virginia pine	UPL	6-10'											
	3	<i>Liriodendron tulipifera</i>	Tuliptree	FACU	6-10'	150	55										
		<i>Juniperus virginiana</i>	Eastern red cedar	FACU	6-10'												
		<i>Morus rubra</i>	Red mulberry	FACU	6-10'												
		<b>Total</b>						<b>165</b>									
		SHRUB LAYER	1	<i>Vaccinium fimosum</i>	Southern blueberry			FAC	6-10'	75	28						
	<i>Viburnum prunifolium</i>			Blackhaw	FACU	6-10'											
	<i>Cercis canadensis</i>			Eastern redbud	FACU	6-10'											
	<i>Virburnum dentatum</i>			Southern arrowwood	FAC	6-10'											
2	<i>Hamamelis virginiana</i>		American witchhazel	FACU	6-10'	75	28										
	<i>Amelanchier arborea</i>		Common serviceberry	FACU	6-10'												
	<b>Total</b>							<b>56</b>									
STREAM BANK	LIVE STAKES	1	<i>Salix nigra</i>	Black willow	FACW	2	1,904	1,006	MAIN CHANNEL LENGTH 1,810	TRIBUTARY 1 57	TRIBUTARY 2 105	TRIBUTARY 3 37	LIVESTAKE 905	LIVESTAKE 29	LIVESTAKE 53	LIVESTAKE 19	
			<i>Comus amomum</i>	Silky dogwood	FACW	2											
			<i>Sambucus nigra</i>	American black elderberry	FACW	2											
		2	<i>Comus sericea</i>	Red osier dogwood	FACW	2	1,006	1,006									
	HERBACEOUS	1	<i>Carex lurida</i>	Shallow sedge	OBL	2	4,481	2,242	MAIN CHANNEL LENGTH 1,810	TRIBUTARY 1 57	TRIBUTARY 1 105	TRIBUTARY 3 37	PLUGS 905	PLUGS 29	PLUGS 53	PLUGS 19	HIGH DENSITY PLANTINGS NA
			<i>Juncus effusus</i>	Common rush	OBL	2											

- PLANTING SCHEDULE NOTES:
- Quantities are based on estimated areas of planting, including areas of disturbance. Additional plantings shall conform to the materials and rate of this schedule.
  - Planting quantities are for convenience only and shall be verified by the Planting Contractor based on the specified density (plants/acre) prior to bidding.
  - Substitutions shall only be made with the approval of the Project Engineer.
  - Seeding shall occur prior to planting.
  - Tubelings shall be planted at a density of 600 stems/acre. Refer to warranty requirements on Sheet 9.00.
  - Live stakes quantities are cumulative for entire length of stream (both sides of banks).
  - Tubelings in riparian areas are to be installed with tree mats and uplands areas to be installed with mulch.

BALL & BURLAP PLANTING SCHEDULE							
ZONE	STRATUM	GROUPS	SPECIES			# OF PLANTS	(LOCATION AS SHOWN ON SHEET 9.06)
			BOTANICAL NAME	COMMON NAME	INDICATOR STATUS		
LANDSCAPE BORDER	TREE LAYER	1	<i>Pinus strobus</i>	White pine	FACU	40	
						<b>Total</b>	<b>40</b>

PLANTING SCHEDULE NOTES:

- Planting quantities are for convenience only and shall be verified by the Planting Contractor based on the specified density (plants/acre) prior to bidding.
- Substitutions shall only be made with the approval of the Project Engineer.
- Seeding shall occur prior to planting.
- Ball and burlap stock to have a minimum height of 6ft from the base of the trunk.