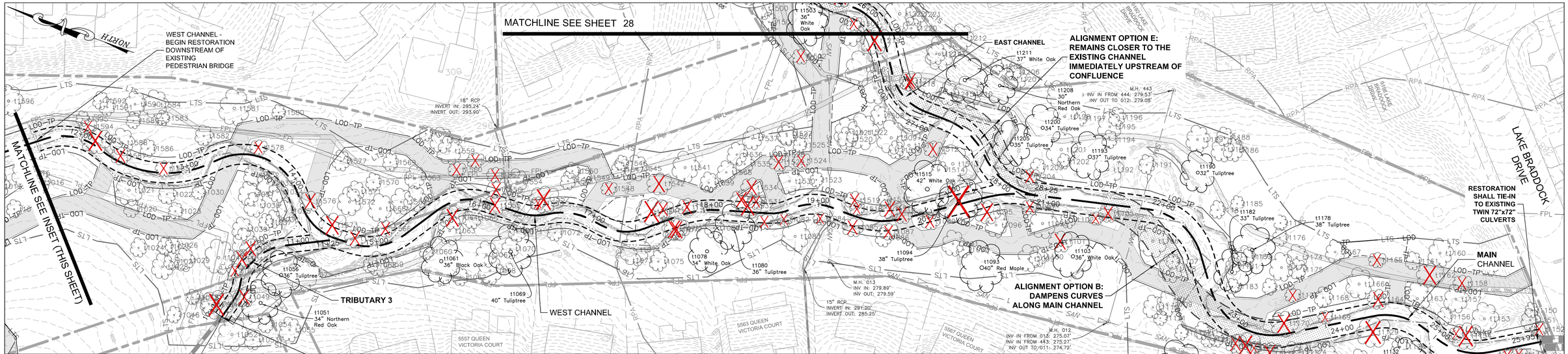
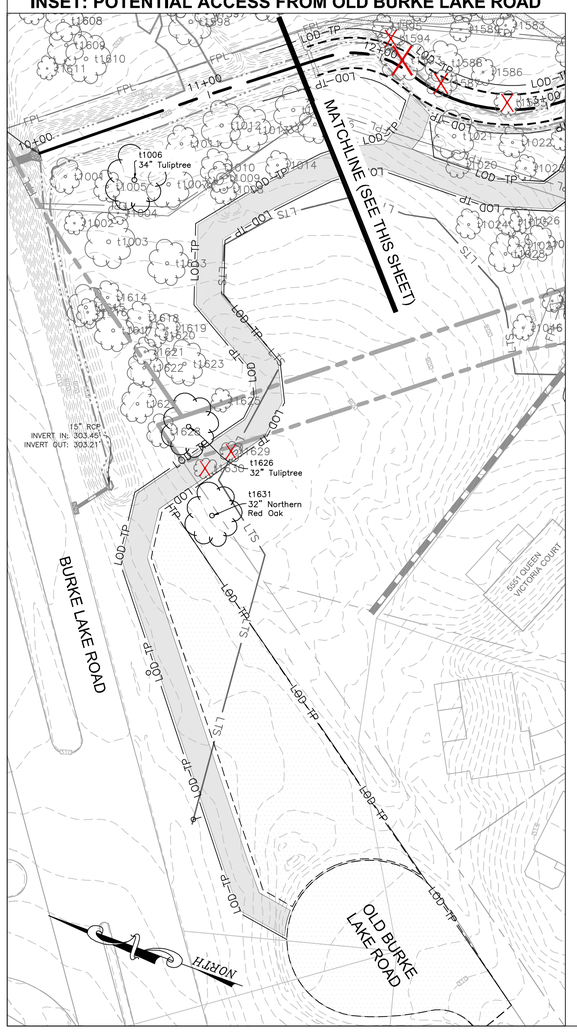


INSET: POTENTIAL ACCESS FROM OLD BURKE LAKE ROAD



TREE REMOVAL NOTES:

1. FIVE FEET OF DISTURBED WIDTH BEYOND BANKFULL ASSUMED FOR THIS ANALYSIS.
2. TREE REMOVAL ESTIMATE SHALL BE REFINED AT EACH SUBSEQUENT PLAN SUBMISSION AS ALIGNMENTS, ACCESS, AND PROPOSED GRADING ARE DETERMINED.
3. ONLY TREES TO BE REMOVED FOR OPTION A (WITH ENLARGEMENT FACTOR APPLIED) ARE DEPICTED.

COMPARISON OF TREE IMPACTS BY ALIGNMENT OPTION PROPOSED DESIGN (ENLARGEMENT FACTOR APPLIED)

ALIGNMENT OPTION A TREE INVENTORY SUMMARY

DIAMETER	STATUS			
	TBR[1]		DND[2]	TST[3]
(INCHES)	(LIVE)	(DEAD / FALLEN)		
12-17" (Small)	78	0	231	309
18-29" (Medium)	50	0	212	262
30"+ (Large)	4	0	53	57
	132	*0*		
TOTAL	*132*		*496*	*628*

ALIGNMENT OPTION B - TREE INVENTORY SUMMARY

DIAMETER	STATUS			
	TBR[1]		DND[2]	TST[3]
(INCHES)	(LIVE)	(DEAD / FALLEN)		
12-17" (Small)	80	0	229	309
18-29" (Medium)	52	0	210	262
30"+ (Large)	4	0	53	57
	136	*0*		
TOTAL	*136*		*492*	*628*

ALIGNMENT OPTION C - TREE INVENTORY SUMMARY

DIAMETER	STATUS			
	TBR[1]		DND[2]	TST[3]
(INCHES)	(LIVE)	(DEAD / FALLEN)		
12-17" (Small)	78	0	231	309
18-29" (Medium)	50	0	212	262
30"+ (Large)	6	0	51	57
	134	*0*		
TOTAL	*134*		*494*	*628*

ALIGNMENT OPTION D - TREE INVENTORY SUMMARY

DIAMETER	STATUS			
	TBR[1]		DND[2]	TST[3]
(INCHES)	(LIVE)	(DEAD / FALLEN)		
12-17" (Small)	78	0	231	309
18-29" (Medium)	53	0	209	262
30"+ (Large)	3	0	54	57
	134	*0*		
TOTAL	*134*		*494*	*628*

ALIGNMENT OPTION E - TREE INVENTORY SUMMARY

DIAMETER	STATUS			
	TBR[1]		DND[2]	TST[3]
(INCHES)	(LIVE)	(DEAD / FALLEN)		
12-17" (Small)	78	0	231	309
18-29" (Medium)	51	0	211	262
30"+ (Large)	4	0	53	57
	133	*0*		
TOTAL	*133*		*495*	*628*

1 TBR means to be removed.
2 DND means do not disturb.
3 TST means total surveyed trees.

COMPARISON OF TREE IMPACTS BY ALIGNMENT OPTION ALTERNATIVE DESIGN (NO ENLARGEMENT FACTOR APPLIED)

ALIGNMENT OPTION A - TREE INVENTORY SUMMARY

DIAMETER	STATUS			
	TBR[1]		DND[2]	TST[3]
(INCHES)	(LIVE)	(DEAD / FALLEN)		
12-17" (Small)	60	0	249	309
18-29" (Medium)	35	0	227	262
30"+ (Large)	4	0	53	57
	99	*0*		
TOTAL	*99*		*529*	*628*

ALIGNMENT OPTION B - TREE INVENTORY SUMMARY

DIAMETER	STATUS			
	TBR[1]		DND[2]	TST[3]
(INCHES)	(LIVE)	(DEAD / FALLEN)		
12-17" (Small)	61	0	248	309
18-29" (Medium)	37	0	225	262
30"+ (Large)	4	0	53	57
	102	*0*		
TOTAL	*102*		*526*	*628*

ALIGNMENT OPTION C - TREE INVENTORY SUMMARY

DIAMETER	STATUS			
	TBR[1]		DND[2]	TST[3]
(INCHES)	(LIVE)	(DEAD / FALLEN)		
12-17" (Small)	59	0	250	309
18-29" (Medium)	34	0	228	262
30"+ (Large)	6	0	51	57
	99	*0*		
TOTAL	*99*		*529*	*628*

ALIGNMENT OPTION D - TREE INVENTORY SUMMARY

DIAMETER	STATUS			
	TBR[1]		DND[2]	TST[3]
(INCHES)	(LIVE)	(DEAD / FALLEN)		
12-17" (Small)	59	0	250	309
18-29" (Medium)	38	0	224	262
30"+ (Large)	3	0	54	57
	100	*0*		
TOTAL	*100*		*528*	*628*

ALIGNMENT OPTION E - TREE INVENTORY SUMMARY

DIAMETER	STATUS			
	TBR[1]		DND[2]	TST[3]
(INCHES)	(LIVE)	(DEAD / FALLEN)		
12-17" (Small)	60	0	249	309
18-29" (Medium)	35	0	227	262
30"+ (Large)	4	0	53	57
	99	*0*		
TOTAL	*99*		*529*	*628*

1 TBR means to be removed.
2 DND means do not disturb.
3 TST means total surveyed trees.

TREE REMOVAL PLAN LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- EXISTING INFRASTRUCTURE
- EXISTING UTILITY EASEMENT
- 215.0 — EXISTING CONTOURS (0.5')
- SAN — SANITARY SEWER
- LTS — LIMITS OF TREE SURVEY
- FPL — COUNTY-MAPPED FLOODPLAIN
- RPA — FAIRFAX COUNTY MAPPED RESOURCE PROTECTION AREA (RPA)
- PERENNIAL STREAM
- INTERMITTENT STREAM
- JURISDICTIONAL WETLANDS
- PROPOSED CENTERLINE
- PROPOSED TOP OF BANK
- ALTERNATE PROPOSED ALIGNMENT
- LOD–TP — LIMITS OF DISTURBANCE/ TREE PROTECTION
- TEMPORARY ACCESS PATH
- STAGING/STOCKPILE AREAS
- SURVEYED TREES (>12" DIAMETER AT BREAST HEIGHT (DBH))
- TREES TO BE REMOVED

40 20 0 40 80 120
SCALE: 1"=40'

DATUM INFORMATION:
HORZ. – VCS NAD 83
VERT. – NGVD 29

COMMONWEALTH OF VIRGINIA
BRIAN M. CHROMEY
Lic. No. 034061
PROFESSIONAL ENGINEER

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Phone: 703-679-5600 • Fax: 703-679-5601
www.wetlandstudies.com

EMERGENCY POLICE – FIRE – RESCUE 911

PLAN DATE: JANUARY 2015

FAIRFAX COUNTY, VIRGINIA
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES
12000 GOVERNMENT CENTER PARKWAY, SUITE 449 FAIRFAX, VA 22035–0052

STORMWATER PLANNING DIVISION
703–324–5500

REVISIONS

△#	DESCRIPTION	BY	APPROVED	DATE

APPROVED BY THE STORMWATER PLANNING DIVISION

POHICK CREEK AT QUEEN VICTORIA (PC 9249)
STREAM RESTORATION
TREE REMOVAL PLAN

CONTRACT NO. ---- PROJECT NO. SD–000031–138

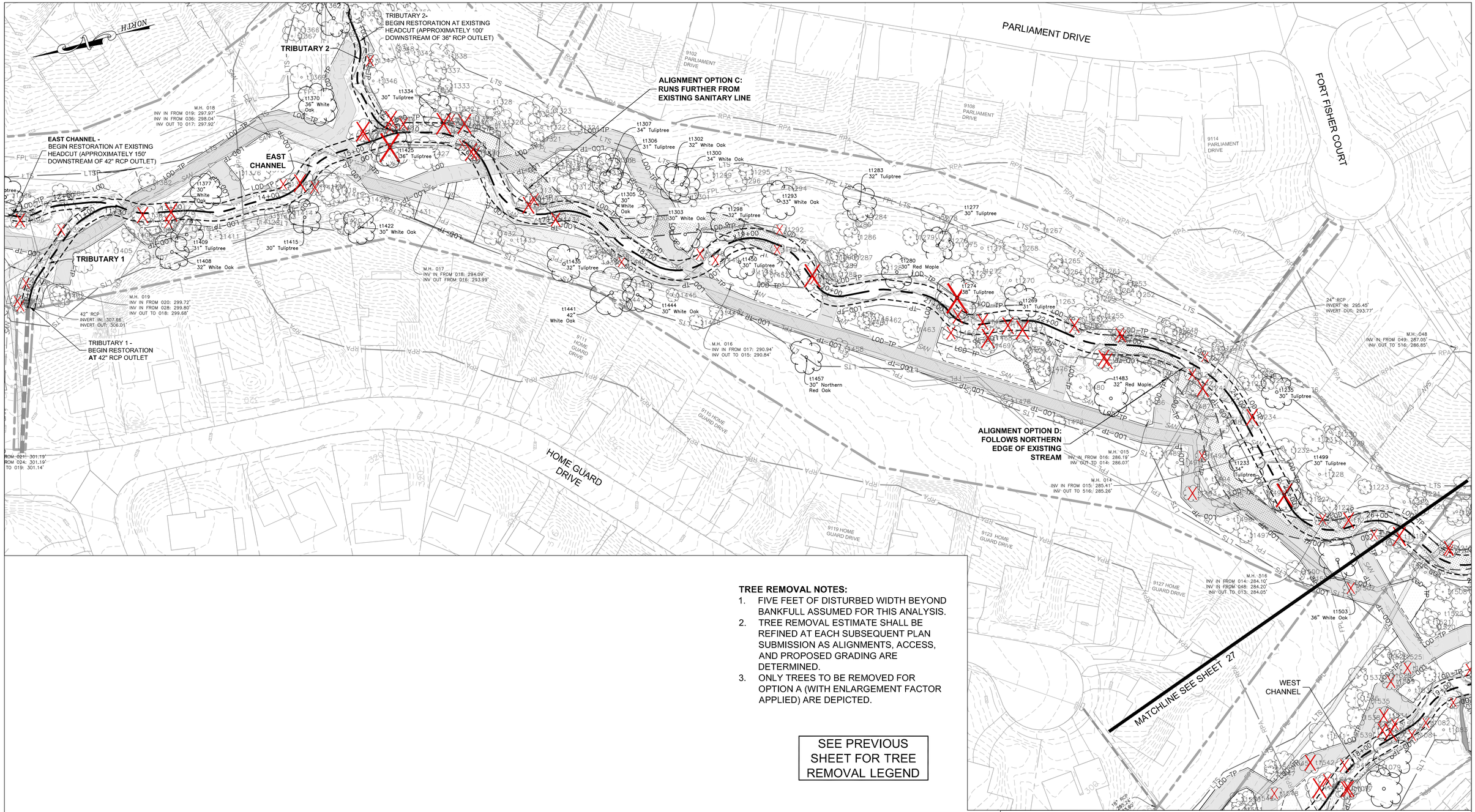
SCALE
VERT. N/A
HORIZ. 1"=40'

DESIGNED BY: SRP
DRAFTED BY: DJG
CHECKED BY: BMC

SHEET 27 OF 36

FUND# ----

I:\22000s\22\00222\25-00\CADD\00-ENGR\Stormwater_mp\Design TREE REMOVAL PLAN.dwg



TREE REMOVAL NOTES:

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SEE PREVIOUS SHEET FOR TREE REMOVAL LEGEND

40 20 0 40 80 120

SCALE: 1"=40'

DATUM INFORMATION:
HORZ. – VCS NAD 83
VERT. – NGVD 29

COMMONWEALTH OF VIRGINIA
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PLAN DATE: JANUARY 2015

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DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES
12000 GOVERNMENT CENTER PARKWAY, SUITE 449 FAIRFAX, VA 22035-0052

STORMWATER PLANNING DIVISION
703-324-5500

POHICK CREEK AT QUEEN VICTORIA (PC 9249)
STREAM RESTORATION
TREE REMOVAL PLAN (CONT'D)

REVISIONS

△#	DESCRIPTION	BY	APPROVED	DATE

APPROVED BY THE STORMWATER PLANNING DIVISION

CONTRACT NO. ---- PROJECT NO. SD-000031-138

SCALE	DESIGNED BY: SRP	SHEET
VERT. N/A	DRAFTED BY: DJG	28 OF 36
HORIZ. 1"=40'	CHECKED BY: BMC	

FUND# ----