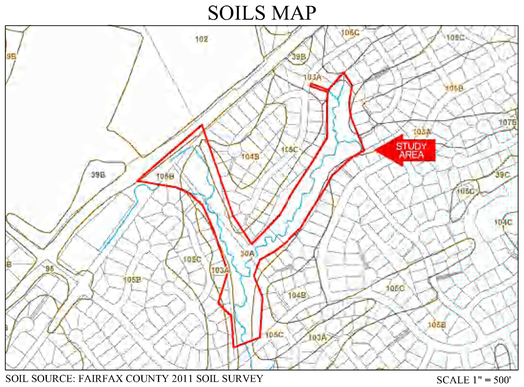
FAIRFAX COUNTY, VIRGINIA
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES
STORMWATER PLANNING DIVISION

POHICK CREEK WATERSHED PROJECTS
PRE-DESIGN PLAN

SOILS MAP



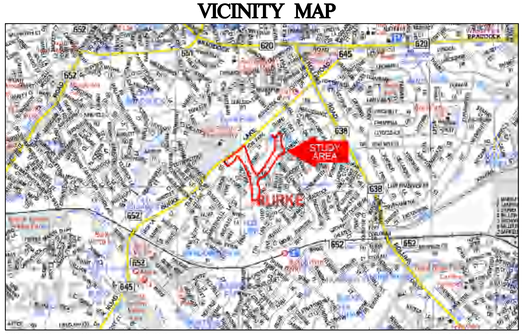
SOIL SOURCE: FAIRFAX COUNTY 2011 SOIL SURVEY

SCALE 1" = 500'

SOIL ID NUMBERS	SOIL SERIES NAME	FOUNDATION SUPPORT	SOIL DRAINAGE	EROSION POTENTIAL	PROBLEM CLASS
30A	CODORUS–HATBORO	POOR–F,W,B	POOR–F,W	LOW	III
95	URBAN LAND	NA	NA	NA	IVB
103A	WHEATON–CODORUS COMPLEX	POOR–F,W,B	POOR–F,W,S	LOW	IVA
104B	WHEATON–FAIRFAX COMPLEX	FAIR–C	GOOD	HIGH	IVB
105B	WHEATON–GLENELG COMPLEX	GOOD	GOOD	HIGH	IVB
105C	WHEATON–GLENELG COMPLEX	GOOD	GOOD	HIGH	IVB

SOIL SOURCE: FAIRFAX COUNTY 2011 SOIL SURVEY

VICINITY MAP



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PERMITTED USE NUMBER 20711184

SCALE 1" = 2,000'

POHICK CREEK AT QUEEN VICTORIA
(PC 9249)

CONTRACT NO. CN____

FUND NO. ___-_____

PROJECT NO. SD-000031-138

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COUNTY OF FAIRFAX
FAIRE FAC
1742
VIRGINIA

COMMONWEALTH OF VIRGINIA
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EMERGENCY POLICE – FIRE – RESCUE 911
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SEVICES
12000 GOVERNMENT CENTER PARKWAY, SUITE 449
FAIRFAX, VA 22035–0052
703–324–5500

PLAN DATE: JANUARY 2015

AUTHORIZATION FOR CONSTRUCTION UNDER $500,000 PER DPWES DELEGATION MATRIX

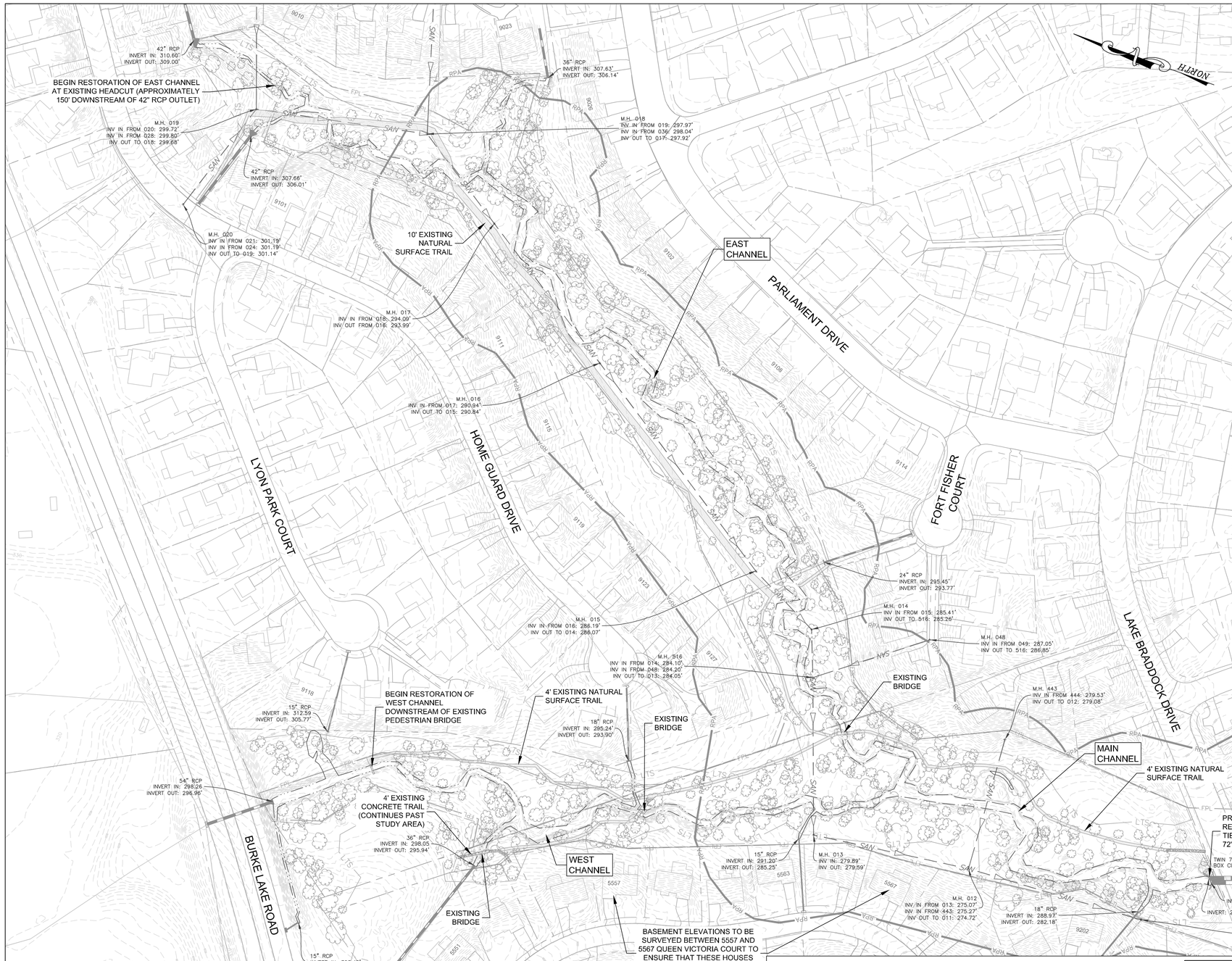
Stormwater Planning Division — DATE

Utilities Design And Construction Division — DATE

AUTHORIZATION FOR CONSTRUCTION OVER $500,000 PER DPWES DELEGATION MATRIX

Deputy Director, Dept. of Public Works & Environmental Services — DATE

STREAM RESTORATION PROJECT



OVERALL SITE PLAN LEGEND

- SITE BOUNDARY
- PARCEL BOUNDARY
- EXISTING INFRASTRUCTURE
- EXISTING UTILITY EASEMENT
- EXISTING CONTOURS (0.5')
- SANITARY SEWER
- LIMITS OF TREE SURVEY
- COUNTY MAPPED FLOODPLAIN
- FAIRFAX COUNTY MAPPED RESOURCE PROTECTION AREA (RPA)
- JURISDICTIONAL WETLANDS
- SURVEYED TREES (>12" DIAMETER AT BREAST HEIGHT (DBH))
- PERENNIAL STREAM
- INTERMITTENT STREAM

OVERALL SITE NOTES:

1. This map has been oriented to The Virginia Coordinate System of 1983, North Zone, using real time DGPS.
2. All elevations are referenced to National Geodetic Vertical Datum of 1929 (NGVD 1929).
3. This survey is for informational purposes only and does not constitute a boundary survey by WSSI. This survey has been prepared without benefit of a Title Report. All encumbrances may not be shown.
4. The boundaries of jurisdictional wetlands and other waters of the U.S. were delineated by Wetland Studies and Solutions ,Inc., as described a report titled "Pohick Creek at Queen Victoria Waters of the U.S. (Including Wetlands) Delineation," dated November 13, 2014. The U.S. Army Corps of Engineers (COE) confirmed this delineation on January 14, 2015 with a Jurisdictional Determination (NAO-2014-02260). Wetlands were survey located by Wetland Studies and Solutions, Inc.
5. Proposed stream restoration work will be permitted under NWP #27 by the COE/DEQ permit shall be obtained after final design is prepared).

80 40 0 80 160 240

SCALE: 1"=80'

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

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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
OVERALL SITE EXHIBIT

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

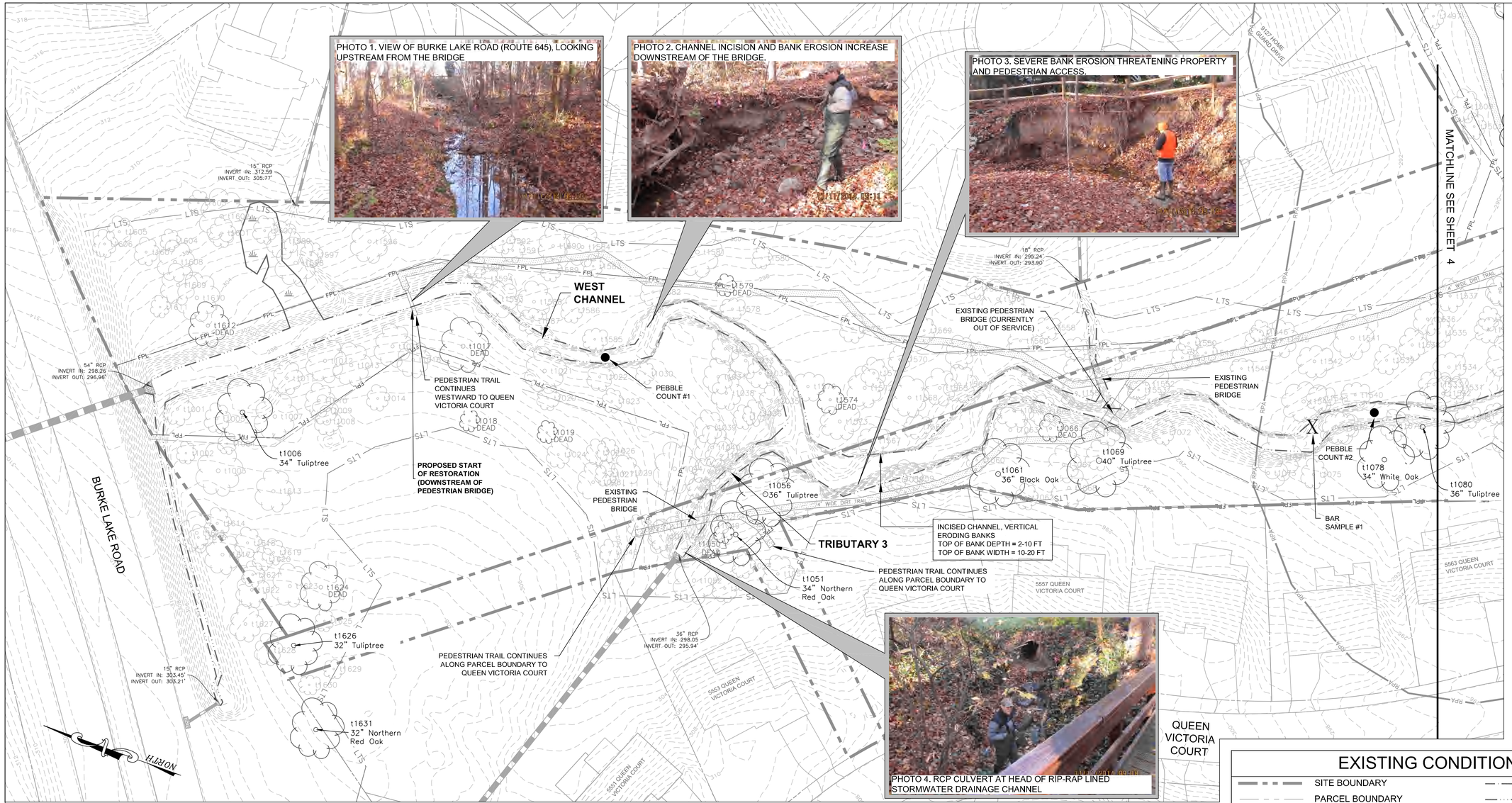
SCALE VERT. N/A HORIZ. 1"=80'

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

SHEET 2 OF 36

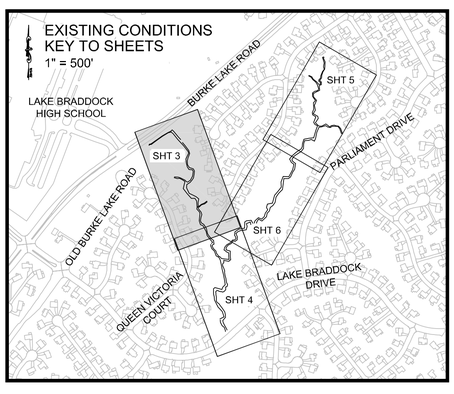
FUND# ----

L:\22000s\22100\22\25.00\CADD\05-ENGR\1bofplan\art_pre-design OVERALL SITE EXHIBIT.dwg



EXISTING CONDITIONS LEGEND

SITE BOUNDARY	PERENNIAL STREAM
PARCEL BOUNDARY	INTERMITTENT STREAM
EXISTING INFRASTRUCTURE	JURISDICTIONAL WETLANDS
EXISTING UTILITY EASEMENT	SURVEYED TREES (>12" DIAMETER AT BREAST HEIGHT (DBH))
215.0 EXISTING CONTOURS (0.5')	RIFFLE PEBBLE COUNT LOCATION
SAN SANITARY SEWER	BAR SAMPLE LOCATION
LTS LIMITS OF TREE SURVEY	
FPL COUNTY MAPPED FLOODPLAIN	
RPA FAIRFAX COUNTY MAPPED RESOURCE PROTECTION AREA (RPA)	



ADDITIONAL SURVEY TO BE CONDUCTED IN CONJUNCTION WITH BASEMENT ELEVATION SURVEY OF HOMES ALONG QUEEN VICTORIA COURT (#5557 - #5563) TO LOCATE TRAIL TO OLD BURKE LAKE ROAD AND TREES AT END OF CUL-DE-SAC FOR POTENTIAL SITE ACCESS.

30 15 0 30 60 90
SCALE: 1"=30'

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

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PLAN DATE: JANUARY 2015

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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
EXISTING CONDITIONS PLAN

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

SCALE
VERT. N/A
HORIZ. 1"=30'

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

SHEET 3 OF 36

FUND# ----

L:\220006\22\00223\16\CADD\00-02NOR\10-plan\art_pre-design EXISTING CONDITIONS PLAN.dwg

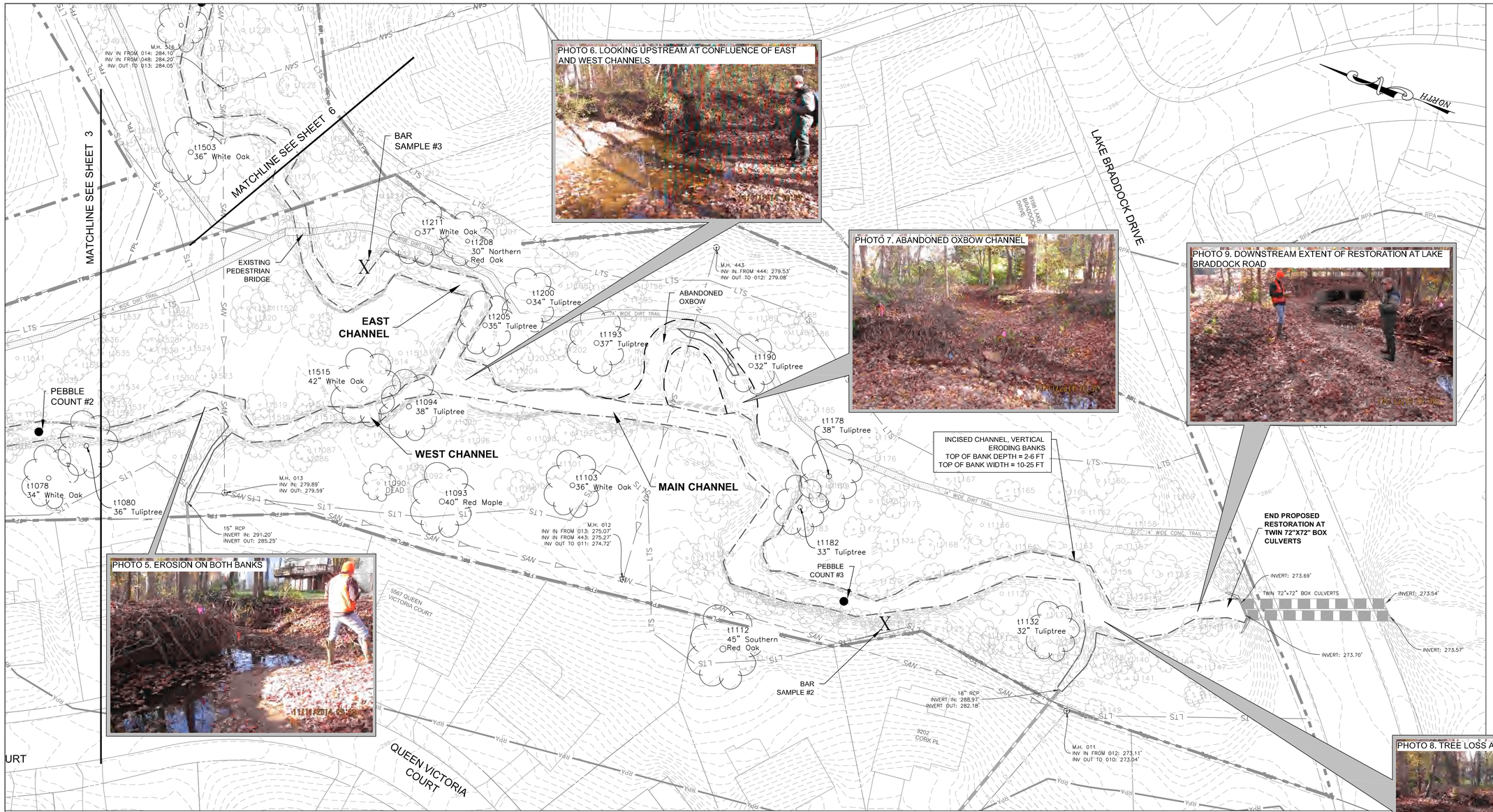


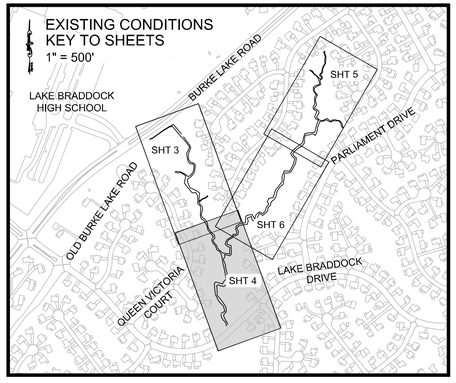
PHOTO 6. LOOKING UPSTREAM AT CONFLUENCE OF EAST AND WEST CHANNELS

PHOTO 7. ABANDONED OXBOW CHANNEL

PHOTO 9. DOWNSTREAM EXTENT OF RESTORATION AT LAKE BRADDOCK ROAD

PHOTO 5. EROSION ON BOTH BANKS

PHOTO 8. TREE LOSS ASSOCIATED WITH BANK EROSION



SEE FIRST EXISTING CONDITIONS SHEET FOR LEGEND

30 15 0 30 60 90
SCALE: 1"=30'

DATUM INFORMATION:
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POHICK CREEK AT QUEEN VICTORIA (PC 9249)
STREAM RESTORATION
EXISTING CONDITIONS PLAN (CONT'D)

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

REVISIONS #	DESCRIPTION	BY	APPROVED	DATE

APPROVED BY THE STORMWATER PLANNING DIVISION

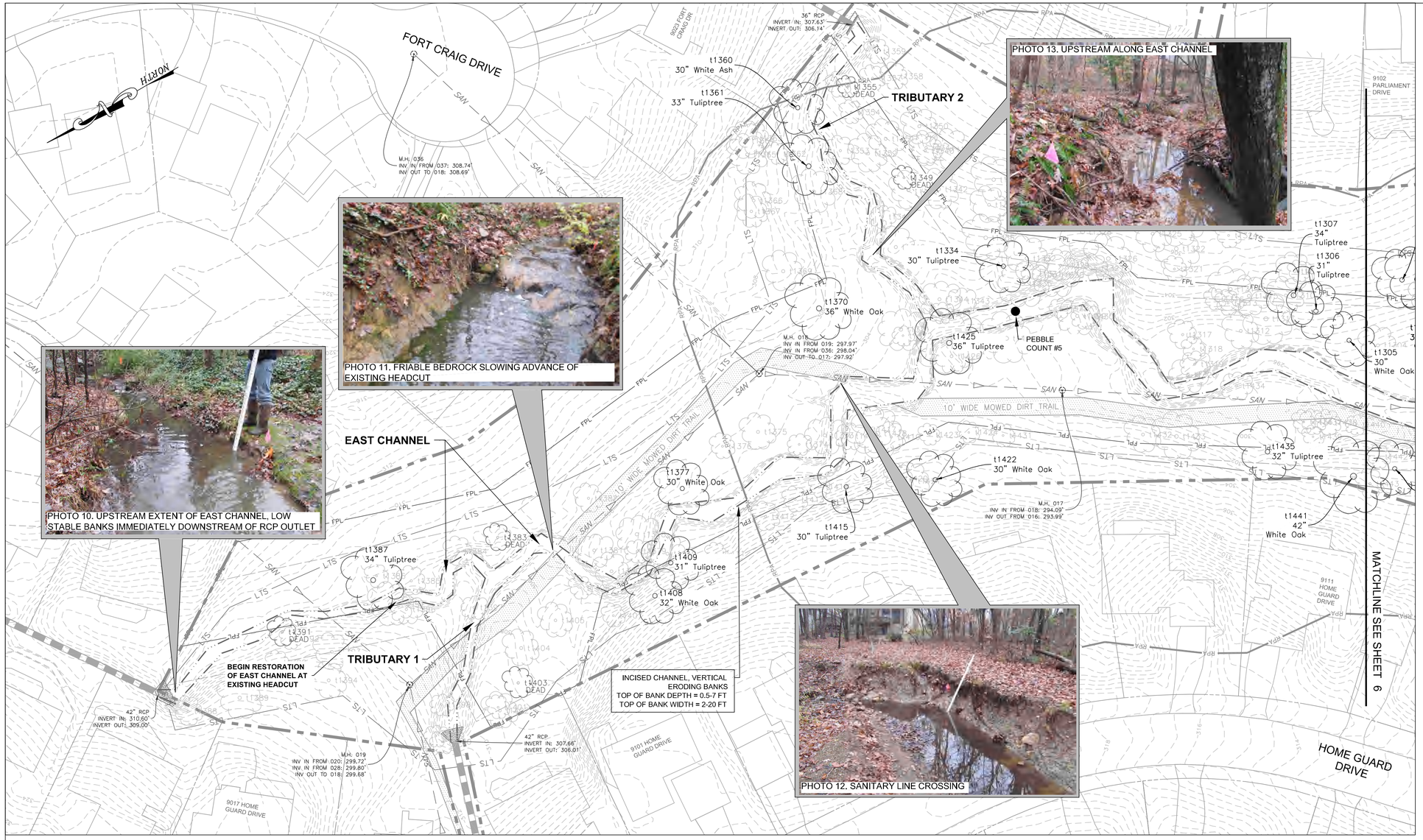
SCALE
VERT. N/A
HORIZ. 1"=30'

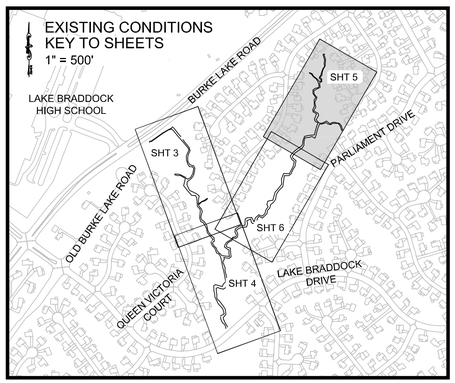
DESIGNED BY: SRP
DRAFTED BY: DJG
CHECKED BY: BMC

SHEET 4 OF 36

FUND# ----

I:\22000s\22\10\22-21-002\ADD\02-CNCR\Stephanie_pm\Design EXISTING CONDITIONS PLAN.dwg





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POHICK CREEK AT QUEEN VICTORIA (PC 9249)
STREAM RESTORATION
EXISTING CONDITIONS PLAN (CONT'D)

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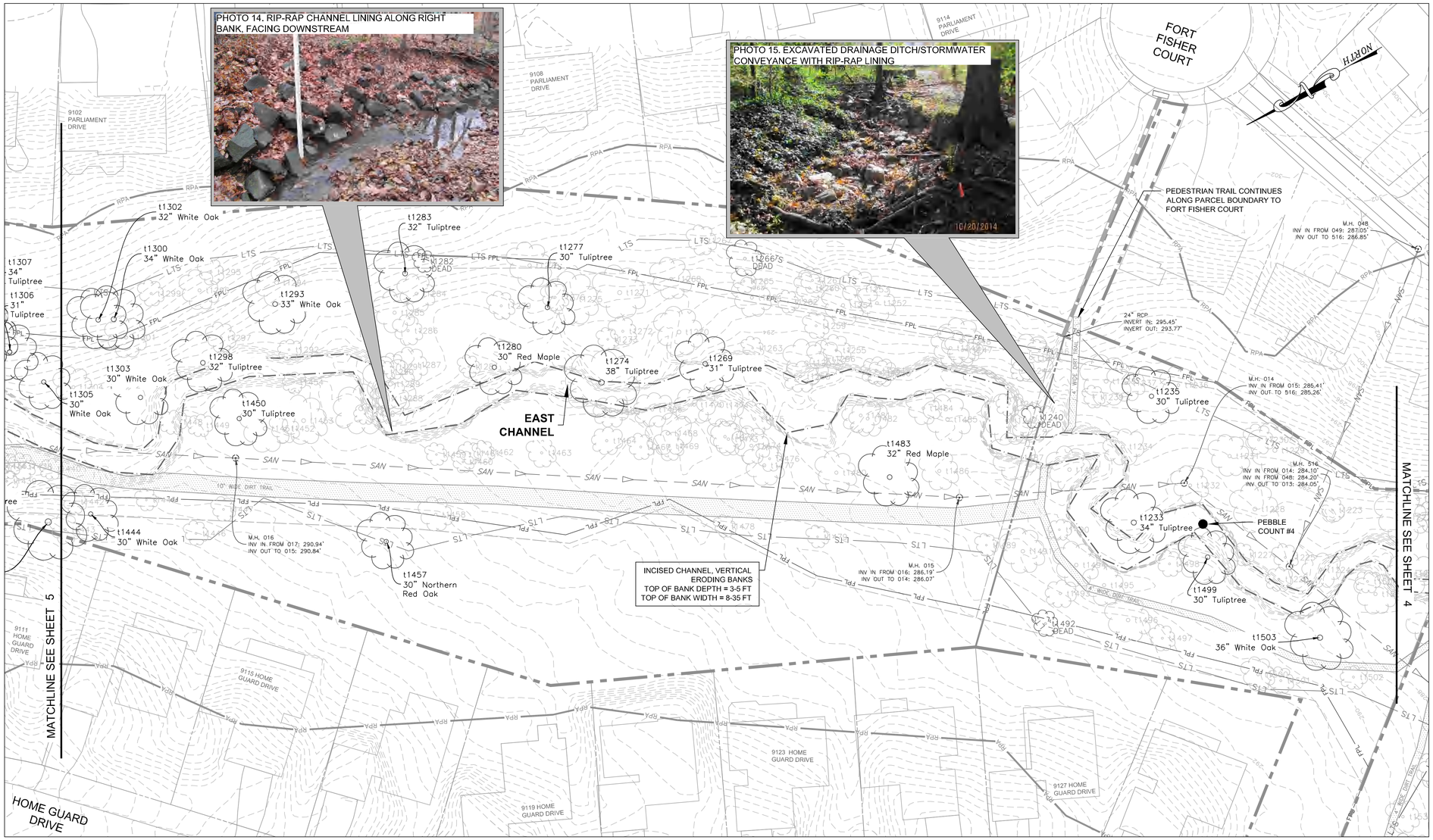
SCALE
VERT. N/A
HORIZ. 1"=30'

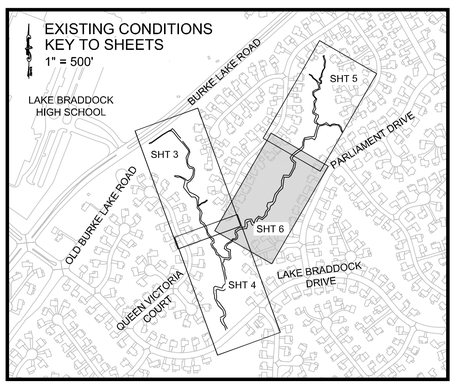
DESIGNED BY: SRP
DRAFTED BY: DJG
CHECKED BY: BMC

SHEET 5 OF 36

FUND# ----

L:\250000\221\00221\5.00\CADD\00-ESCR\10-plan\art_pm-design EXISTING CONDITIONS PLAN.dwg





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STREAM RESTORATION
EXISTING CONDITIONS PLAN (CONT'D)

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

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△#	DESCRIPTION	BY	APPROVED	DATE

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SCALE		SHEET
VERT. N/A	DESIGNED BY: SRP	6 OF 36
HORIZ. 1"=30'	DRAFTED BY: DJG	
	CHECKED BY: BMC	

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