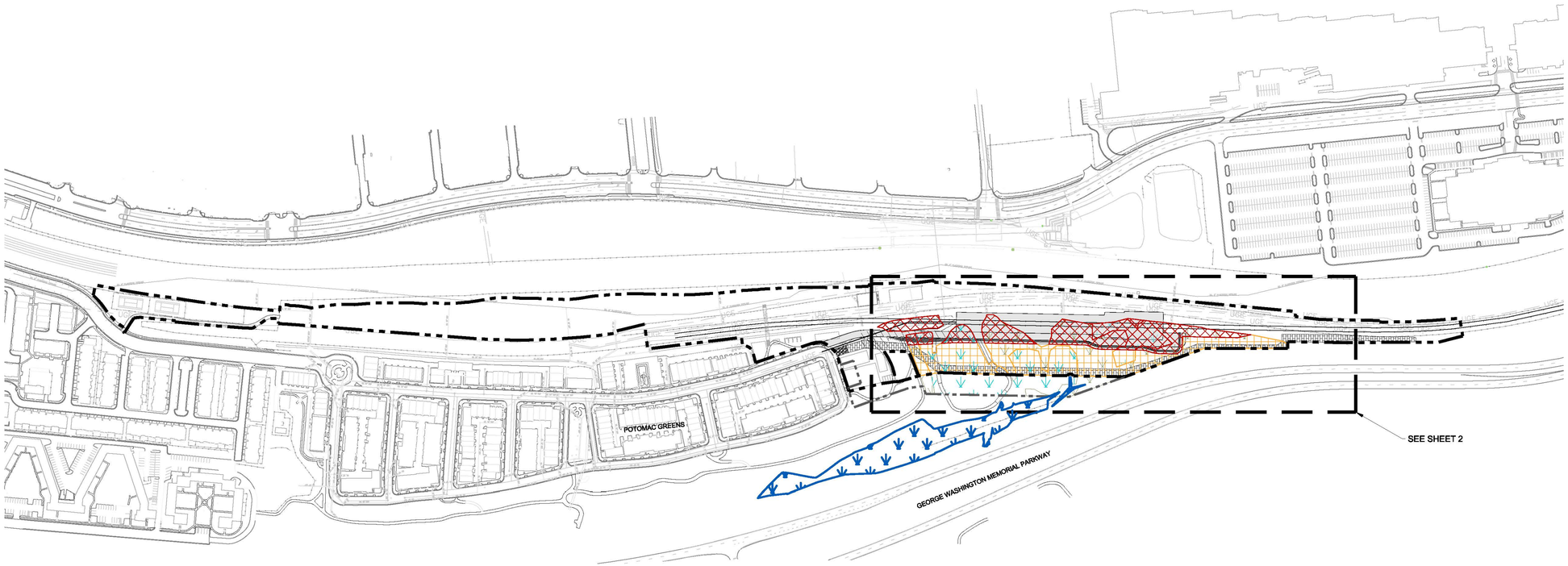
APPENDIX B

Graphics



LEGEND:

- APPROXIMATE FORESTED WETLAND (PFO) LIMITS
- APPROXIMATE EMERGENT WETLAND (PEM) LIMITS
- APPROXIMATE TIDAL WETLAND LIMITS
- PROPOSED PERMANENT EMERGENT WETLAND (PEM) IMPACTS
- PROPOSED TEMPORARY PERMANENT FORESTED WETLAND (PFO) IMPACTS
- PROPOSED TEMPORARY EMERGENT WETLAND (PEM) IMPACTS
- PROPOSED PERMANENT FORESTED WETLAND (PFO) IMPACTS
- PROJECT LIMITS - REVISED LOD
- ORIGINAL LOD

SITE DATA:

PROJECT AREA	16.89 ACRES ±
FORESTED WETLANDS (PFO)	2.27 ACRES ±
EMERGENT WETLANDS (PEM)	2.16 ACRES ±

JURISDICTIONAL AREA IMPACTS:

PERMANENT IMPACTS

FORESTED WETLANDS (PFO)	0.92 ACRES ±
EMERGENT WETLANDS (PEM)	0.64 ACRES ±

TEMPORARY IMPACTS

FORESTED WETLANDS (PFO)	1.10 ACRES ±
EMERGENT WETLANDS (PEM)	0.91 ACRES ±

N

0 200 400

GRAPHICAL SCALE (FEET)

NOTES:

1. COORDINATE SYSTEM WMATA 2009
2. SURVEY TOPOGRAPHY PROVIDED BY SURVEYS & ENGINEERING, LTD.
3. THE LIMITS OF WETLANDS AND OTHER WATERS OF THE U.S. SHOWN ON THIS MAP WERE PROVIDED BY WMATA.

Stantec
5209 Center Street
Williamsburg, VA 23188
PHONE:(757) 220-6869 FAX:(757) 229-4507

FOR:			FIGURE:
CITY OF ALEXANDRIA, VIRGINIA	POTOMAC YARD METRO STATION IMPACTS MAP		13
JOB NUMBER: 203401233	DRAWN BY: RC	CHECKED BY: LC / APPROVED BY: LC	DATE: JANUARY 2019

SITE DATA:

PROJECT AREA	16.89 ACRES ±
FORESTED WETLANDS (PFO)	2.27 ACRES ±
EMERGENT WETLANDS (PEM)	2.16 ACRES ±

JURISDICTIONAL AREA IMPACTS:

PERMANENT IMPACTS

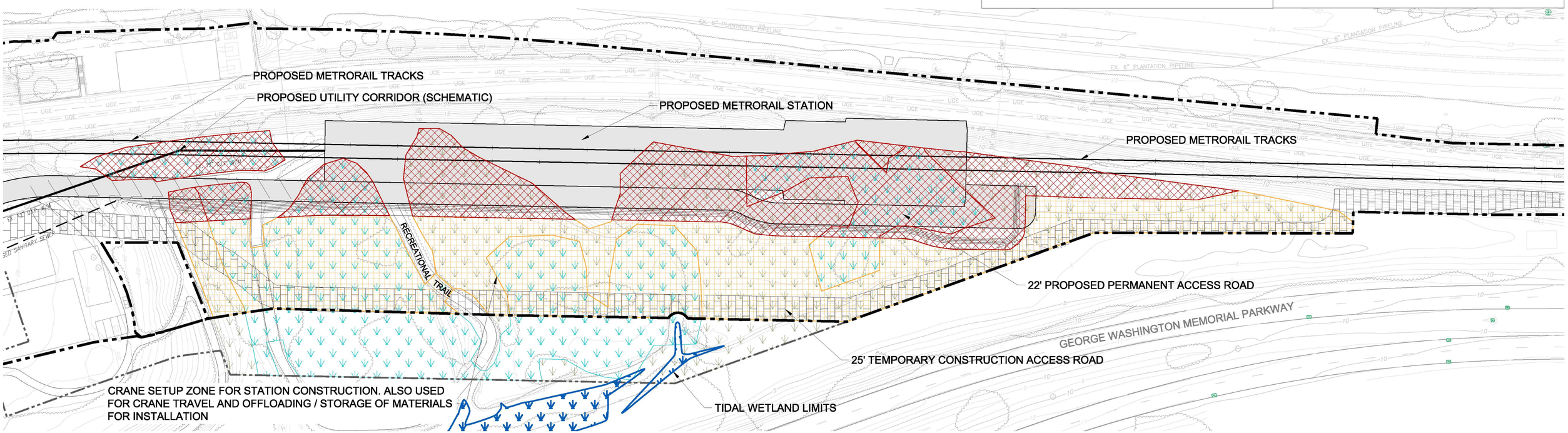
FORESTED WETLANDS (PFO)	0.92 ACRES ±
EMERGENT WETLANDS (PEM)	0.64 ACRES ±

TEMPORARY IMPACTS

FORESTED WETLANDS (PFO)	1.10 ACRES ±
EMERGENT WETLANDS (PEM)	0.91 ACRES ±

LEGEND:

- APPROXIMATE FORESTED WETLAND (PFO) LIMITS
- APPROXIMATE EMERGENT WETLAND (PEM) LIMITS
- APPROXIMATE TIDAL WETLAND LIMITS
- PROPOSED PERMANENT FORESTED WETLAND (PFO) IMPACTS
- PROPOSED PERMANENT EMERGENT WETLAND (PEM) IMPACTS
- PROPOSED TEMPORARY PERMANENT FORESTED WETLAND (PFO) IMPACTS
- PROPOSED TEMPORARY EMERGENT WETLAND (PEM) IMPACTS
- PROJECT LIMITS - REVISED LOD
- ORIGINAL LOD



N

0 50 100
GRAPHICAL SCALE (FEET)

NOTES:

1. COORDINATE SYSTEM WMATA 2009
2. SURVEY TOPOGRAPHY PROVIDED BY SURVEYS & ENGINEERING, LTD.
3. THE LIMITS OF WETLANDS AND OTHER WATERS OF THE U.S. SHOWN ON THIS MAP WERE PROVIDED BY WMATA.

Stantec
5209 Center Street
Williamsburg, VA 23188
PHONE: (757) 220-6869 FAX: (757) 229-4507

FOR:	POTOMAC YARD METRO STATION IMPACTS INSET SECTION	FIGURE:
CITY OF ALEXANDRIA, VIRGINIA		14

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
203401233	RC	LC	LC	JANUARY 2019

LEGEND:

- APPROXIMATE FORESTED WETLAND (PFO) LIMITS
- APPROXIMATE EMERGENT WETLAND (PEM) LIMITS
- PROJECT LIMITS
- 1 PHOTO-LOCATION

SITE DATA:

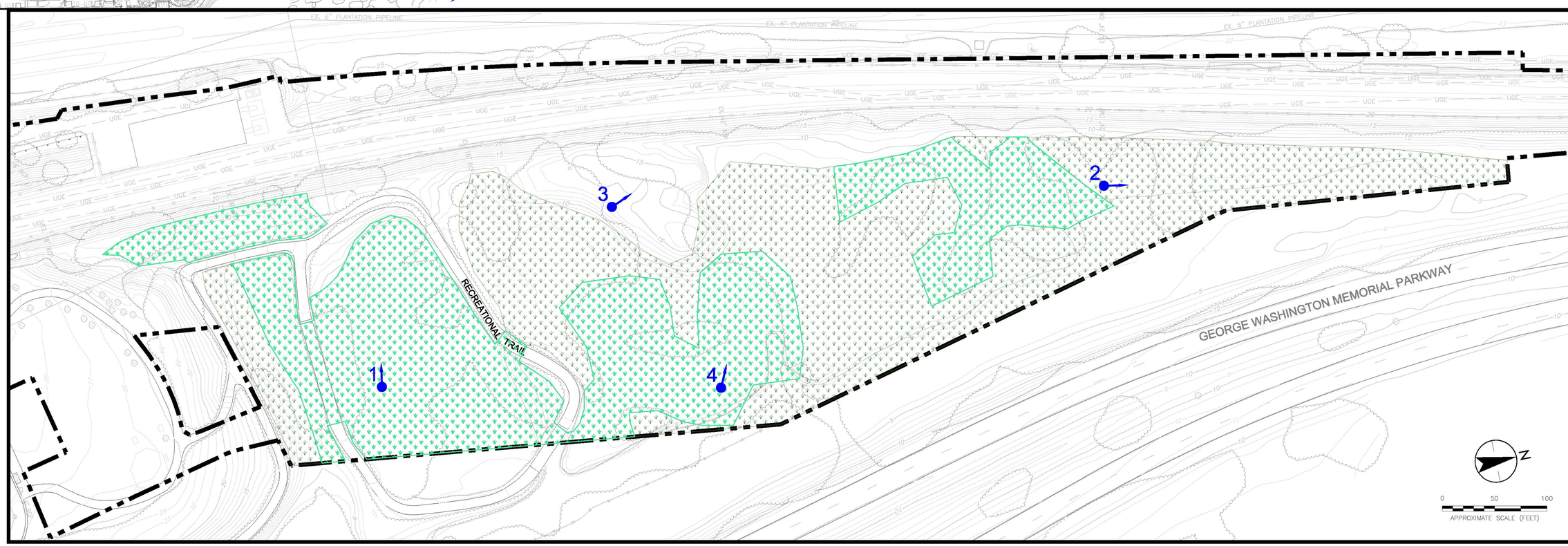
PROJECT AREA	16.89 ACRES ±
PFO WETLANDS	2.27 ACRES ±
PEM WETLANDS	2.16 ACRES ±

NOTES:

1. COORDINATE SYSTEM WMATA 2009
2. SURVEY TOPOGRAPHY PROVIDED BY SURVEYS & ENGINEERING, LTD.
3. THE LIMITS OF WETLANDS AND OTHER WATERS OF THE U.S. SHOWN ON THIS MAP HAVE BEEN PROVIDED BY WMATA.

N

0 200 400
APPROXIMATE SCALE (FEET)



INSET

Stantec
150 Riverside Parkway, Suite 301
Fredericksburg, VA 22406
PHONE: (540) 785-5544 FAX:(540) 785-1742

FOR:				FIGURE:
CITY OF ALEXANDRIA, VIRGINIA	POTOMAC YARD METRO STATION HABITAT ASSESSMENT PHOTO-LOCATIONS MAP			15
JOB NUMBER: 203401233	DRAWN BY: REC	CHECKED BY: LC	APPROVED BY: LC	DATE: DECEMBER 2018

FILEPATH:T:\203401233\03_data\gis_cad\cad\01233a_delin_map_20190102.dwg\jrsoole|Feb 05, 2019 at 16:32|Layout: HABITAT

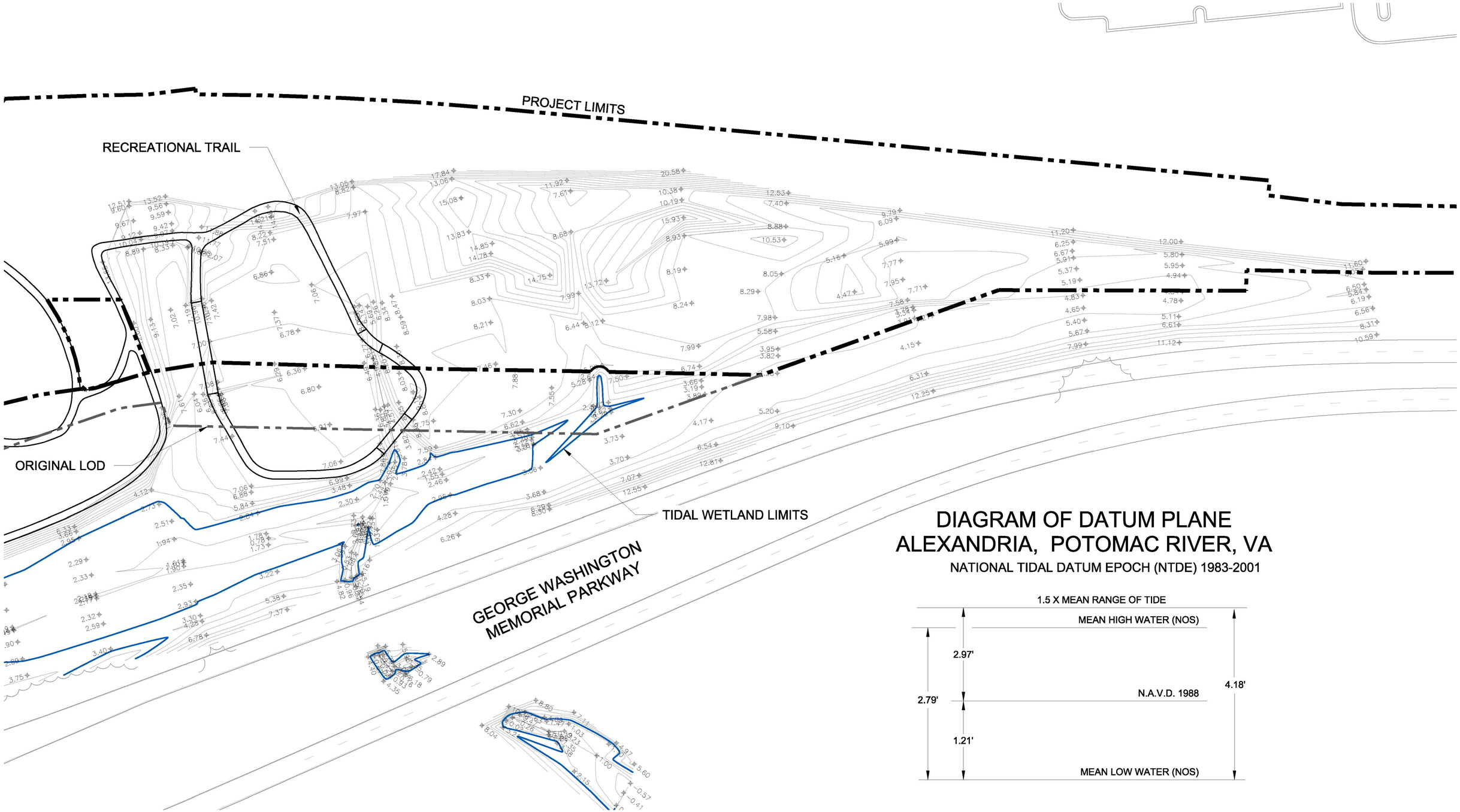


DIAGRAM OF DATUM PLANE
ALEXANDRIA, POTOMAC RIVER, VA

NATIONAL TIDAL DATUM EPOCH (NTDE) 1983-2001

N

0 50 100

APPROXIMATE SCALE (FEET)

Stantec 5209 Center Street Williamsburg, VA 23188 PHONE:(757) 220-6869 FAX:(757) 229-4507	FOR: CITY OF ALEXANDRIA, VIRGINIA	POTOMAC YARD METRO STATION TIDAL WETLANDS MAP		FIGURE: 16
	JOB NUMBER: 203401233	DRAWN BY: RC	CHECKED BY: LC	APPROVED BY: LC	DATE: JANUARY 2019

SITE DATA:

PROJECT AREA	16.89 ACRES ±

RESOURCE PROTECTION AREA IMPACTS

PERMANENT IMPACTS	4.27 ACRES ±
TEMPORARY IMPACTS	0.61 ACRES ±

LEGEND:

- APPROXIMATE WETLAND LIMITS
- PROPOSED RESOURCE PROTECTION AREA IMPACTS
- PROJECT LIMITS - ORIGINAL LOD
- LOD — REVISED LOD
- RESOURCE PROTECTION AREA LIMITS

N

0 300 600

APPROXIMATE SCALE (FEET)

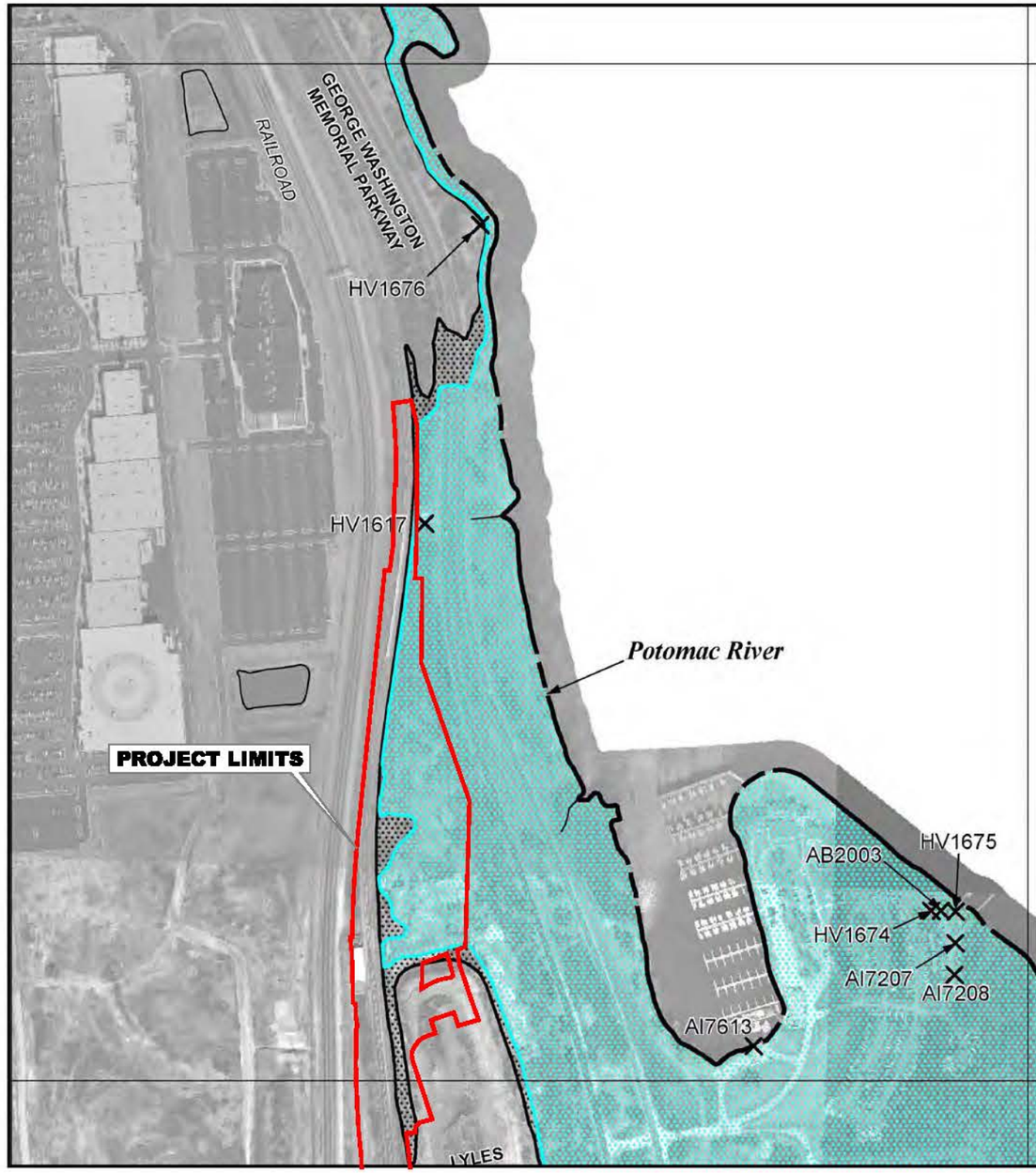
NOTES:

1. COORDINATE SYSTEM WMATA 2009
2. TOPOGRAPHY PROVIDED BY WMATA.
3. THE LIMITS OF WETLANDS AND OTHER WATERS OF THE U.S. SHOWN ON THIS MAP WERE PROVIDED BY WMATA.
4. RPA BOUNDARY IS BASED ON THE WETLAND INFORMATION PROVIDED BY WMATA.

Stantec
5209 Center Street
Williamsburg, VA 23188
PHONE:(757) 220-6869 FAX:(757) 229-4507

FOR:			FIGURE:
CITY OF ALEXANDRIA, VIRGINIA	POTOMAC YARD METRO STATION RESOURCE PROTECTION AREA IMPACTS MAP		17
JOB NUMBER: 203401233	DRAWN BY: RC	CHECKED BY: LC	APPROVED BY: LC	DATE: JANUARY 2019

FILEPATH:T:\203401233\03_data\gis_cad\cad\01233n_rpa_impact_map_20190124.dwg|racole|Feb 05, 2019 at 16:39|Layout: B SIZE LANDSCAPE



MAP SCALE 1" = 500'

250 0 500 1000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0033E

FIRM

FLOOD INSURANCE RATE MAP

CITY OF ALEXANDRIA, VIRGINIA

INDEPENDENT CITY

PANEL 33 OF 45

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
ALEXANDRIA, CITY OF (INDEPENDENT CITY)	515519	0033	E

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
5155190033E

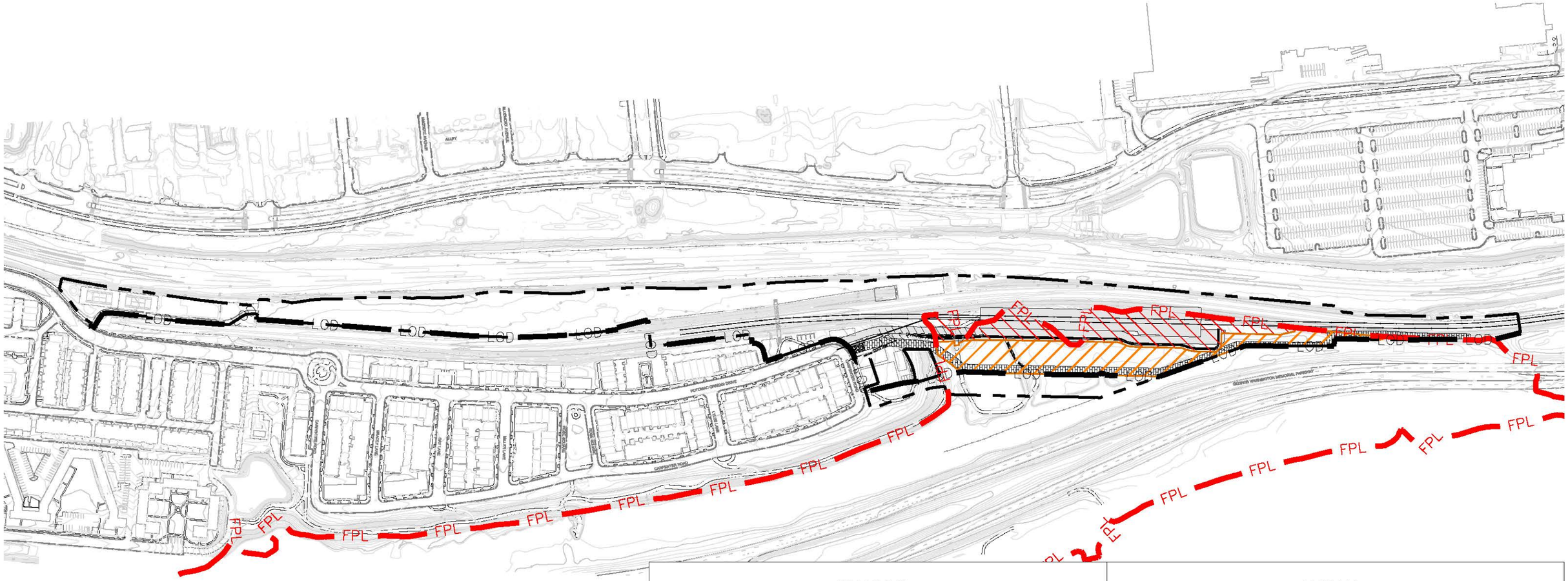
MAP REVISED
JUNE 16, 2011

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Stantec
5209 Center Street
Williamsburg, VA 23188
PHONE:(757) 220-5869 FAX:(757) 229-4507

FOR:			FIGURE:
CITY OF ALEXANDRIA, VIRGINIA	POTOMAC YARD METRO STATION FEMA MAP		18
JOB NUMBER: 203401233	DRAWN BY: RC	CHECKED BY: LC	APPROVED BY: LC	DATE: JANUARY 2019



SITE DATA:

PROJECT AREA	16.89 ACRES ±

100-YEAR FLOODPLAIN IMPACTS:

PERMANENT IMPACTS

FLOODPLAIN	1.75 ACRES ±

TEMPORARY IMPACTS

FLOODPLAIN	2.10 ACRES ±

LEGEND:

- PROPOSED PERMANENT IMPACTS
- PROPOSED TEMPORARY IMPACTS
- PROJECT LIMITS - ORIGINAL LOD
- LOD — REVISED LOD
- FPL — 100 YEAR FLOODPLAIN LIMITS

N

0 300 600

APPROXIMATE SCALE (FEET)

NOTES:

1. COORDINATE SYSTEM WMATA 2009
2. TOPOGRAPHY PROVIDED BY WMATA.
3. THE LIMITS OF WETLANDS AND OTHER WATERS OF THE U.S. SHOWN ON THIS MAP PROVIDED BY WMATA.
4. FLOOD PLAIN LIMITS PROVIDED BY FEMA

Stantec
5209 Center Street
Williamsburg, VA 23188
PHONE:(757) 220-6869 FAX:(757) 229-4507

FOR:				FIGURE:
CITY OF ALEXANDRIA, VIRGINIA	POTOMAC YARD METRO STATION FLOODPLAIN IMPACTS MAP			19
JOB NUMBER: 203401233	DRAWN BY: RC	CHECKED BY: LC	APPROVED BY: LC	DATE: JANUARY 2019

FILEPATH:T:\203401233\03_data\gis_cad\cad\01233n_floodplain_impact_map_20190123.dwg|racole|Feb 05, 2019 at 16:37|Layout: B SIZE LANDSCAPE