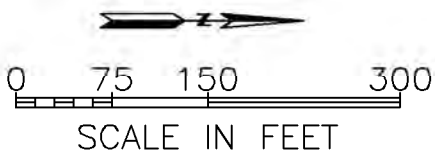
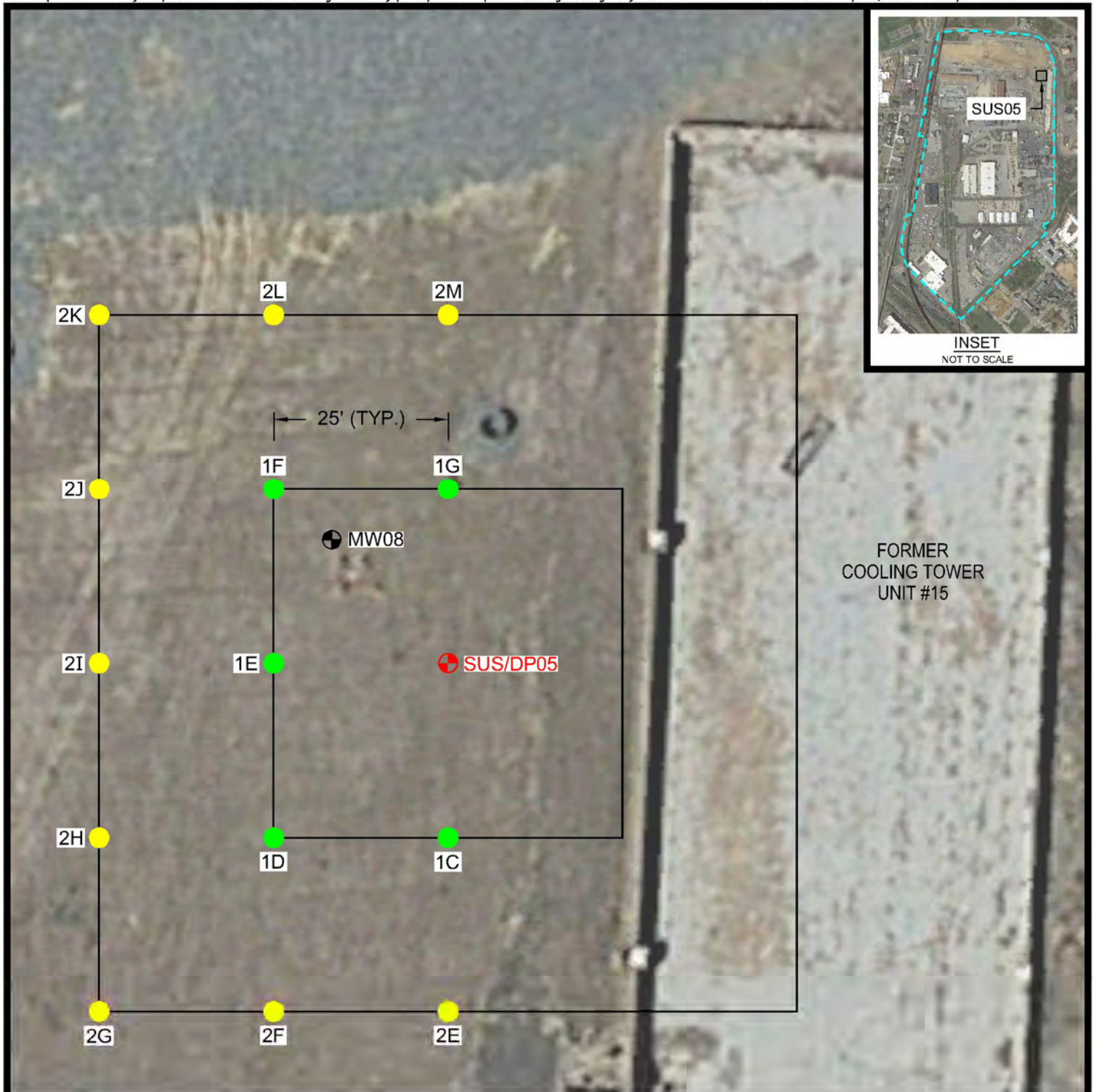




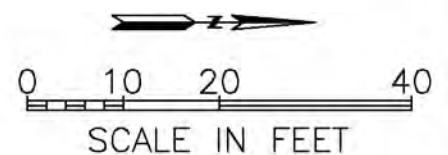
- LEGEND:
- SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
 - DIRECT PUSH SAMPLE LOCATION
 - MONITORING WELL LOCATION
 - GEOTECHNICAL SOIL BORING LOCATION
 - NPDES OUTFALL TO ANACOSTIA RIVER
 - PROPERTY BOUNDARY





LEGEND:

- PRIMARY SAMPLE LOCATION
- SECONDARY SAMPLE LOCATION
- ⊕ SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- ⊕ MONITORING WELL LOCATION



NOTE: EXACT SAMPLE LOCATIONS ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION.

AECOM

Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

SUS05
Delineation Area

DATE: 09/29/2016

DRAWN BY: LAD

CHECKED BY: RD

FIGURE 3-2



LEGEND:

- PRIMARY SAMPLE LOCATION
- SECONDARY SAMPLE LOCATION
- ⊕ SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION

NOTE: EXACT SAMPLE LOCATIONS ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION.

AECOM

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Washington, DC 20019

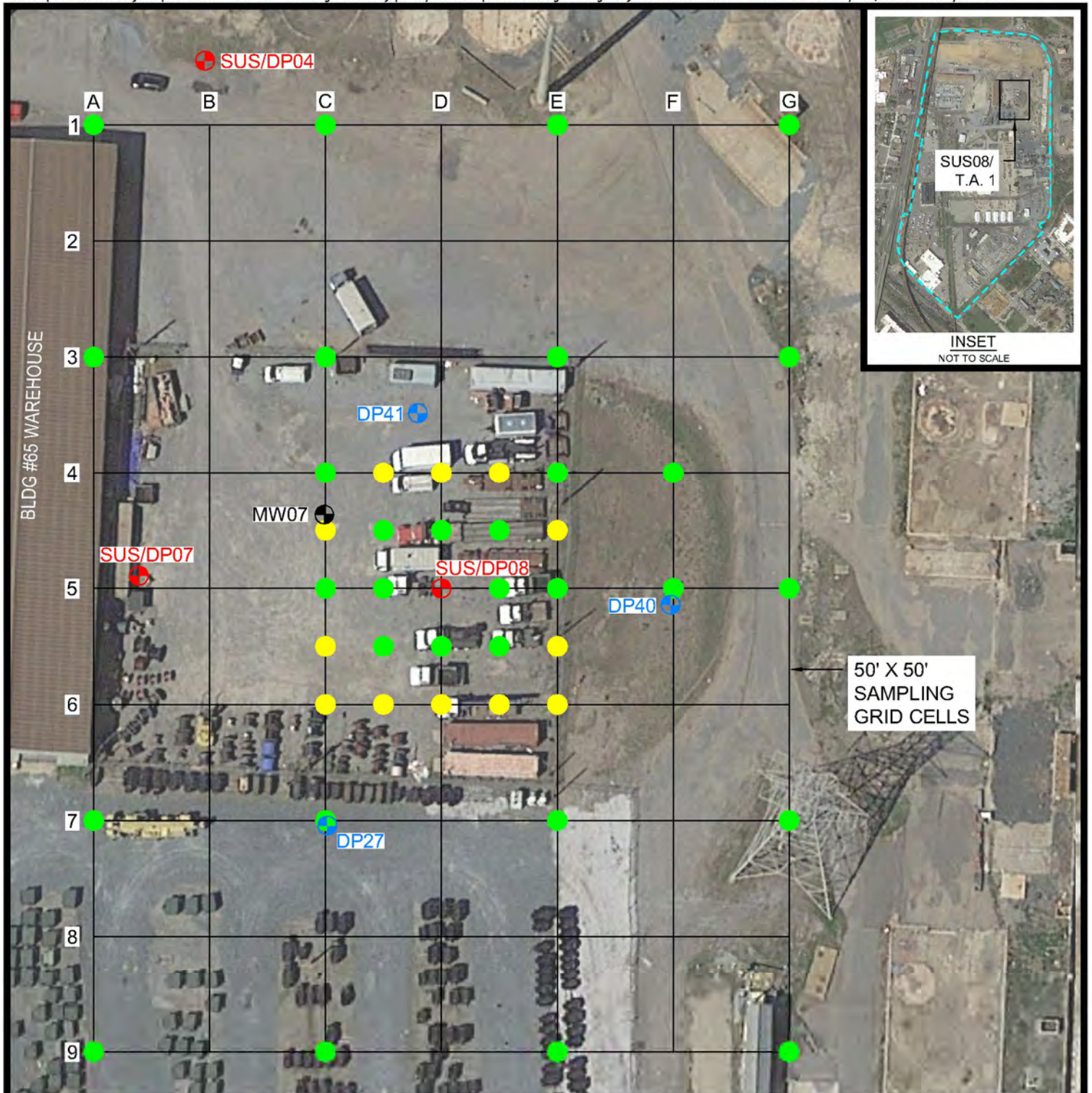
**SUS06
Delineation Area**

DATE: 09/29/2016

DRAWN BY: LAD

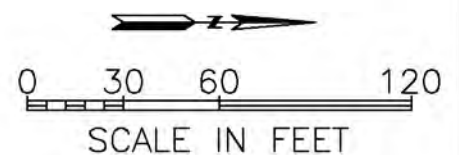
CHECKED BY: RD

FIGURE 3-3



LEGEND:

- PRIMARY SAMPLE LOCATION
- SECONDARY SAMPLE LOCATION
- ⊕ SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- ⊕ DIRECT PUSH SAMPLE LOCATION
- ⊕ MONITORING WELL LOCATION



NOTE: EXACT SAMPLE LOCATIONS ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION.

AECOM

Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

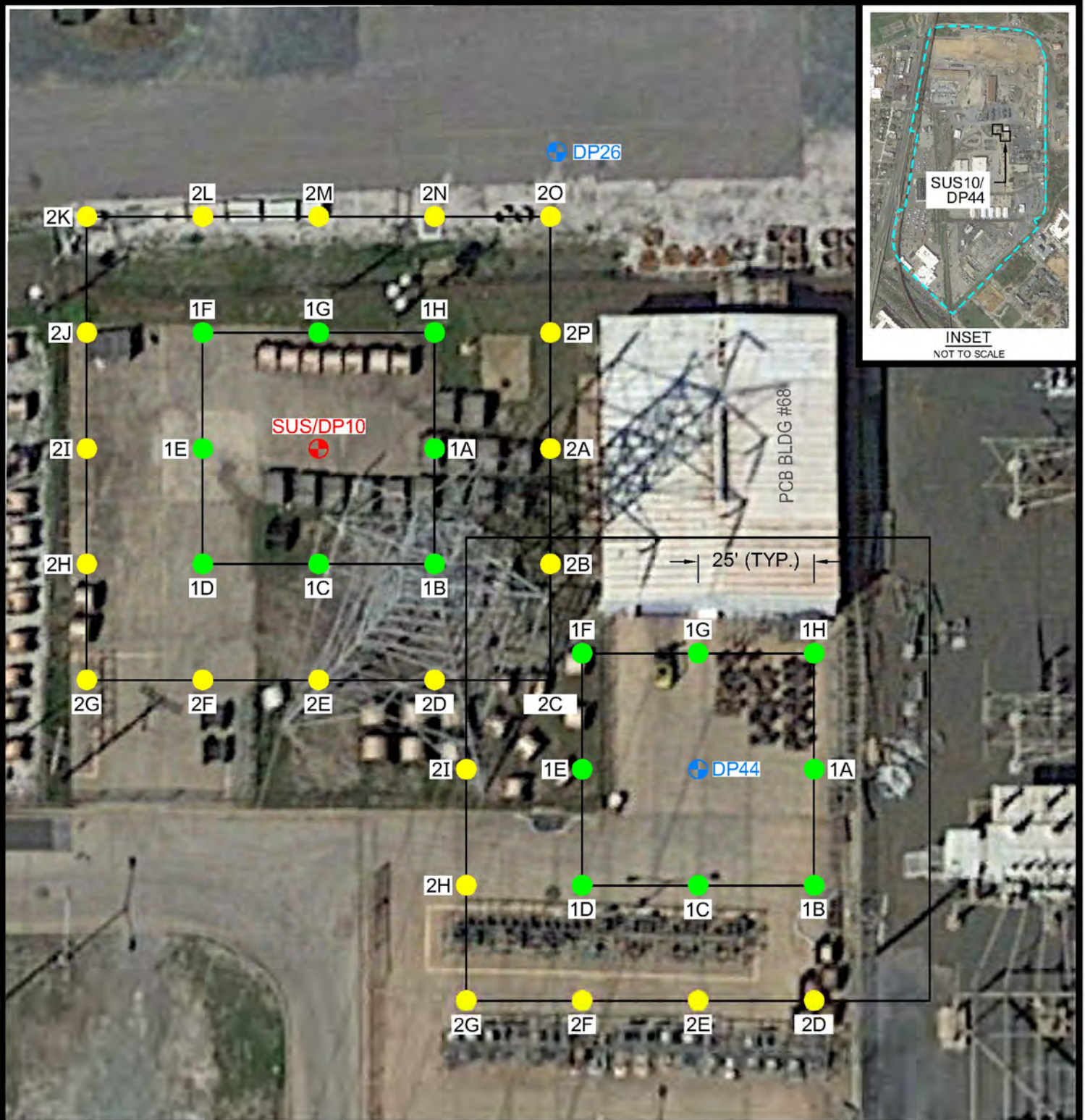
**SUS08 and Target Area 1
Delineation Area**

DATE: 09/29/2016

DRAWN BY: LAD

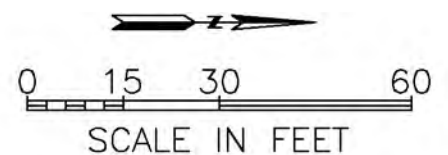
CHECKED BY: RD

FIGURE 3-4



LEGEND:

- PRIMARY SAMPLE LOCATION
- SECONDARY SAMPLE LOCATION
- SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- DIRECT PUSH SAMPLE LOCATION



NOTE: EXACT SAMPLE LOCATIONS ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION.

AECOM

Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

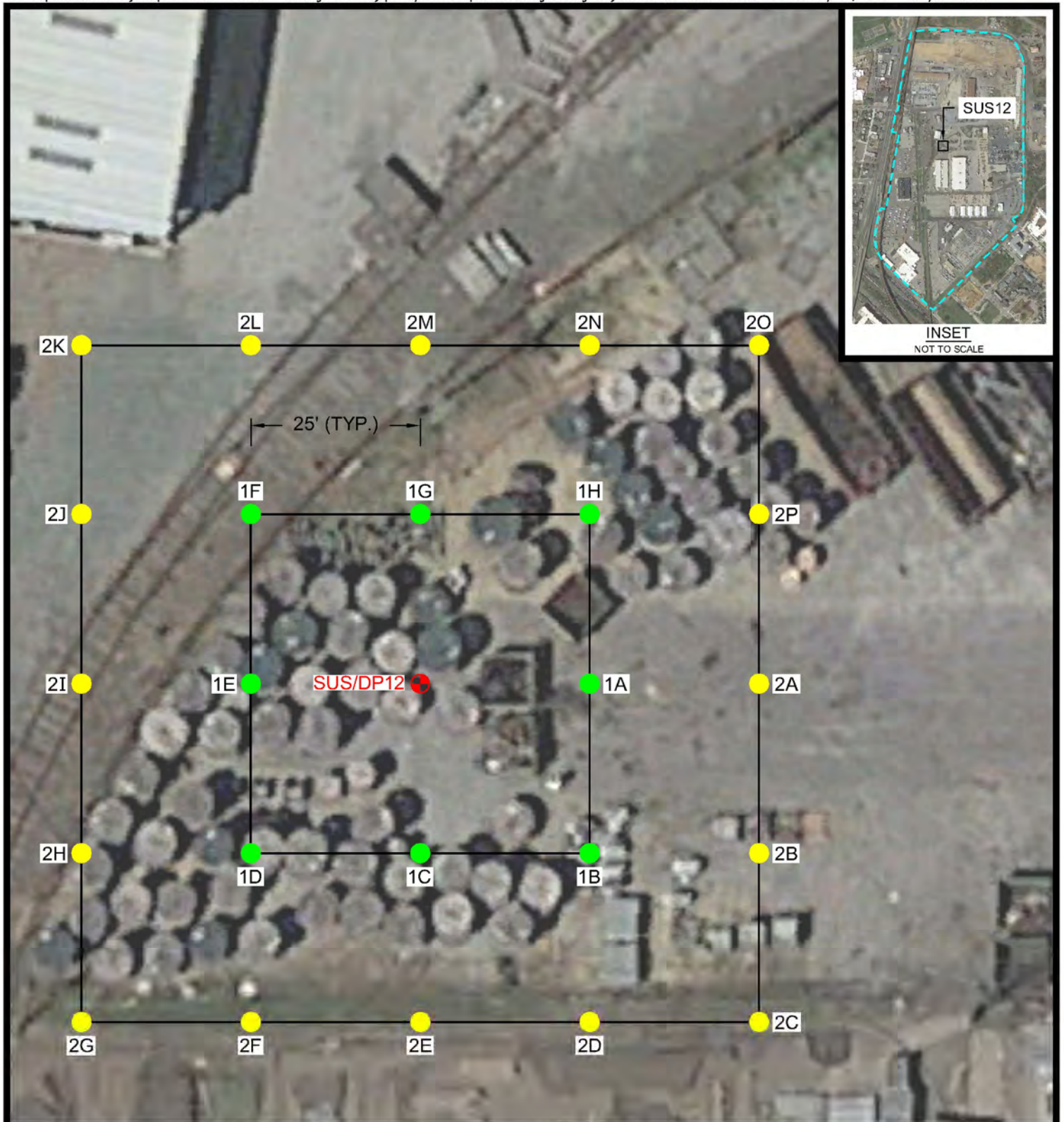
**SUS10 and DP44
Delineation Areas**

DATE: 09/29/2016

DRAWN BY: LAD

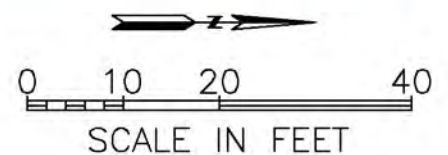
CHECKED BY: RD

FIGURE 3-5



LEGEND:

- PRIMARY SAMPLE LOCATION
- SECONDARY SAMPLE LOCATION
- ⊕ SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION



NOTE: EXACT SAMPLE LOCATIONS ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION.

AECOM

Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

SUS12
Delineation Area

DATE: 09/29/2016

DRAWN BY: LAD

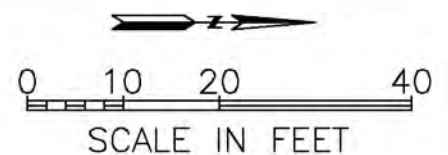
CHECKED BY: RD

FIGURE 3-6



LEGEND:

- PRIMARY SAMPLE LOCATION
- SECONDARY SAMPLE LOCATION
- ⊕ SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION



NOTE: EXACT SAMPLE LOCATIONS ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION.

AECOM

Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

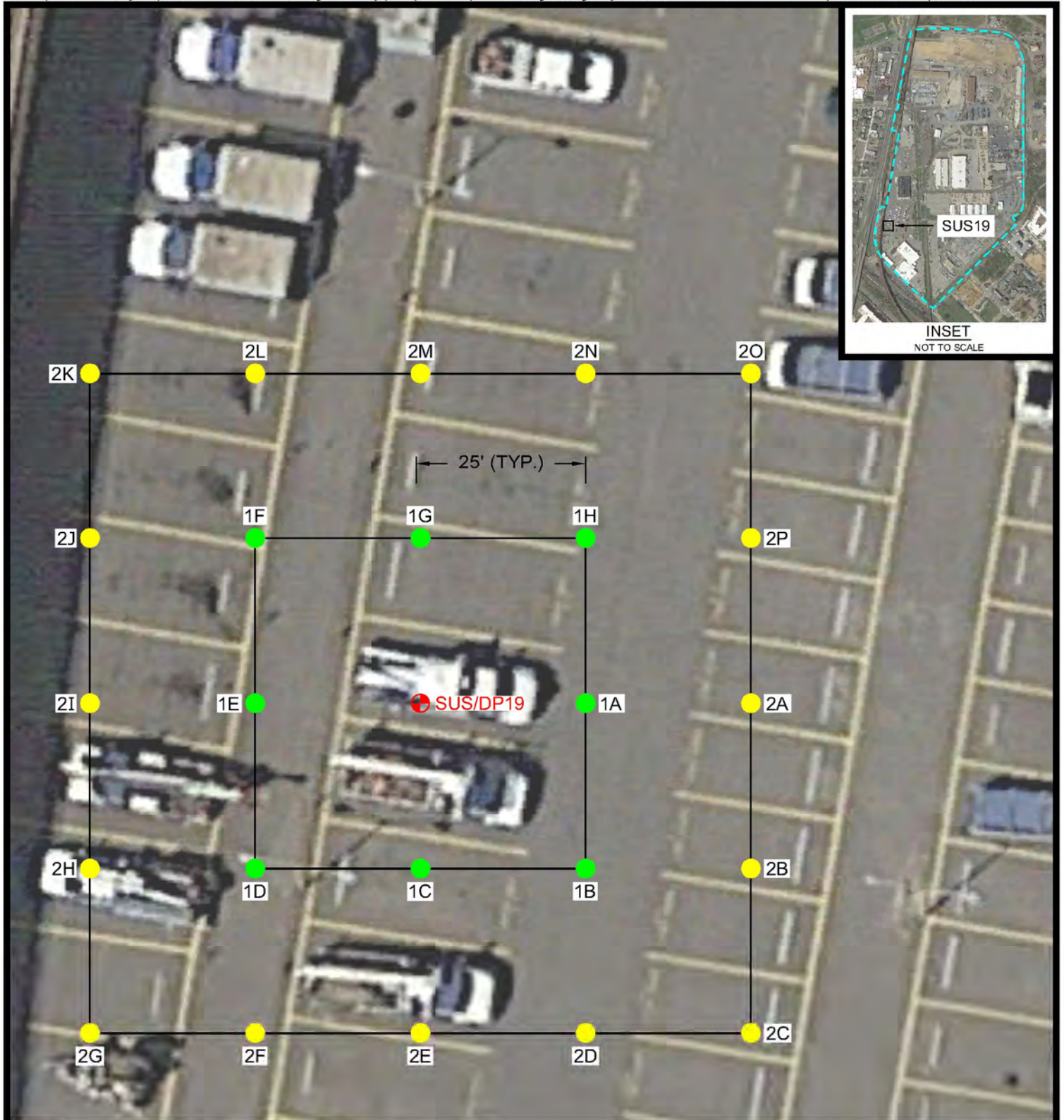
SUS18
Delineation Area

DATE: 09/29/2016

DRAWN BY: LAD

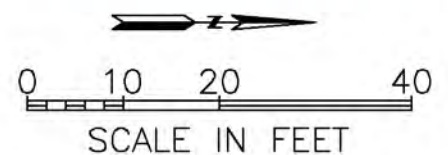
CHECKED BY: RD

FIGURE 3-7



LEGEND:

- PRIMARY SAMPLE LOCATION
- SECONDARY SAMPLE LOCATION
- ⊗ SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION



NOTE: EXACT SAMPLE LOCATIONS ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION.

AECOM

Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

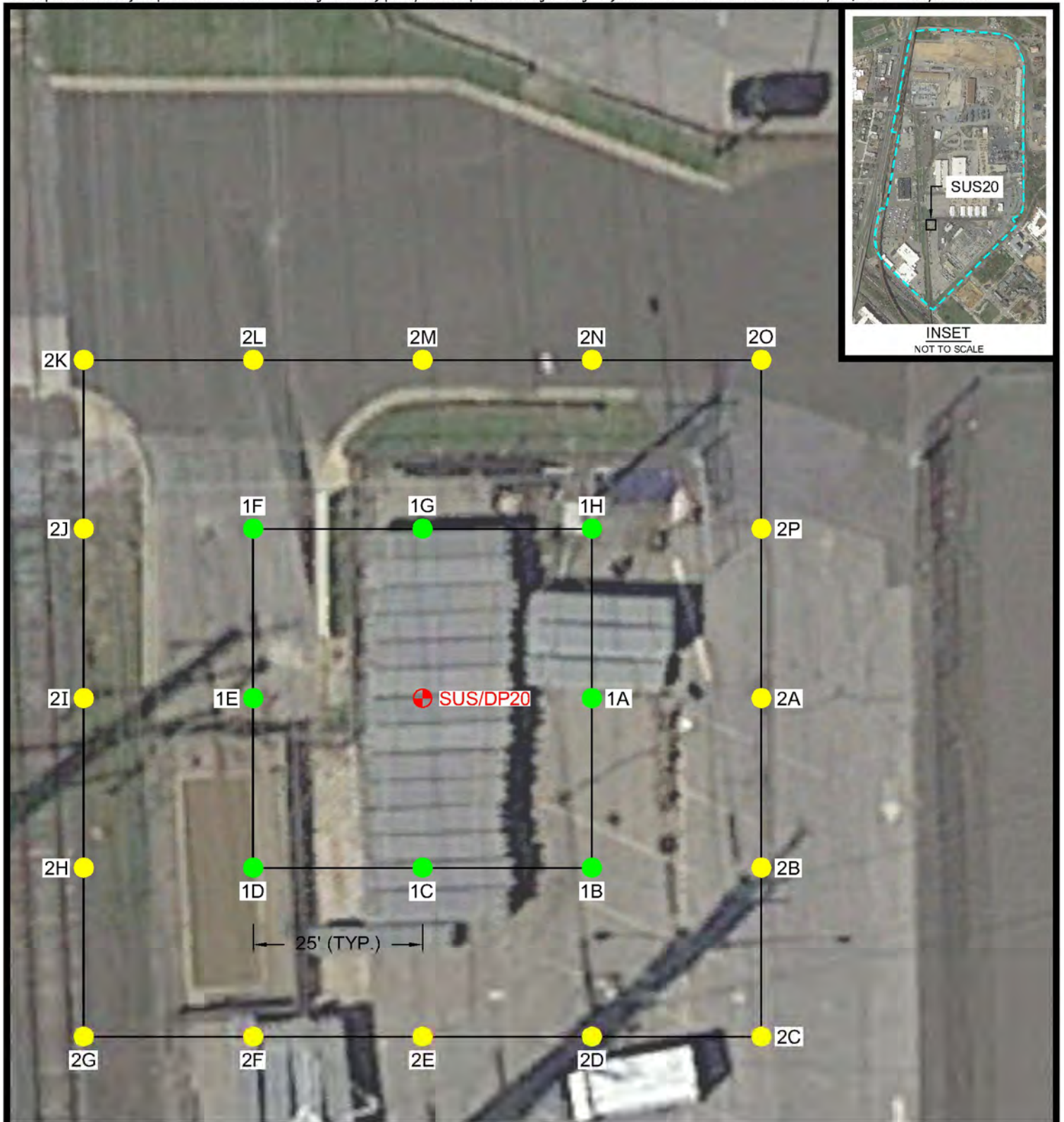
SUS/DP19
Delineation Area

DATE: 09/29/2016

DRAWN BY: LAD

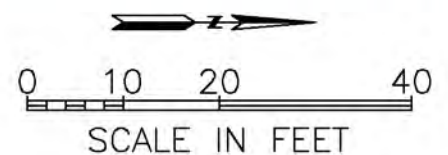
CHECKED BY: RD

FIGURE 3-8



LEGEND:

- PRIMARY SAMPLE LOCATION
- SECONDARY SAMPLE LOCATION
- ⊕ SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION



NOTE: EXACT SAMPLE LOCATIONS ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION.

AECOM

Benning Road Facility RI/FS Project
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Washington, DC 20019

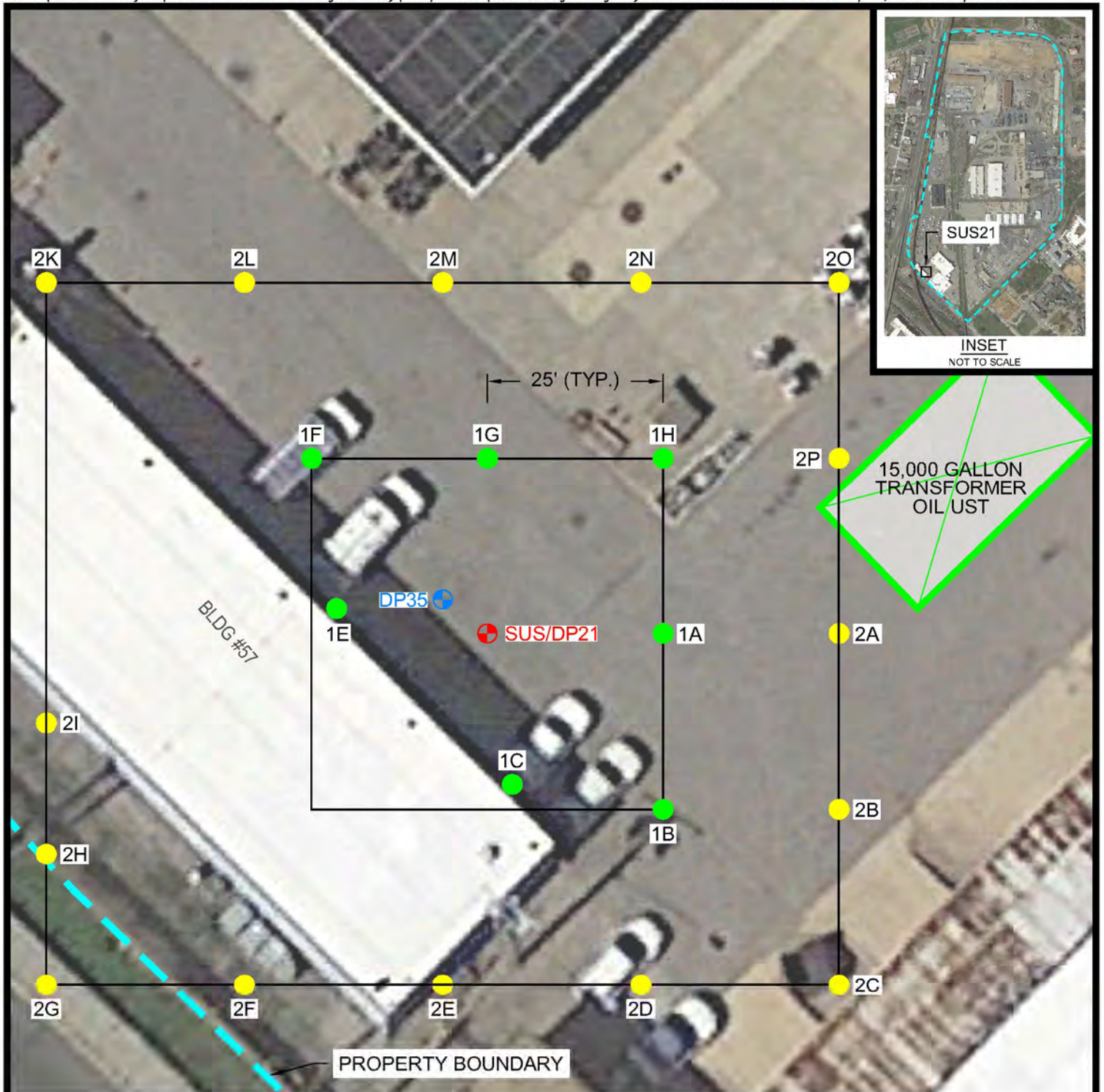
SUS20
Delineation Area

DATE: 09/29/2016

DRAWN BY: LAD

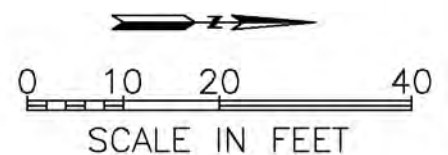
CHECKED BY: RD

FIGURE 3-9



LEGEND:

- PRIMARY SAMPLE LOCATION
- SECONDARY SAMPLE LOCATION
- ⊕ SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- ⊕ DIRECT PUSH SAMPLE LOCATION



NOTE: EXACT SAMPLE LOCATIONS ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION.

AECOM

Benning Road Facility RI/FS Project
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Washington, DC 20019

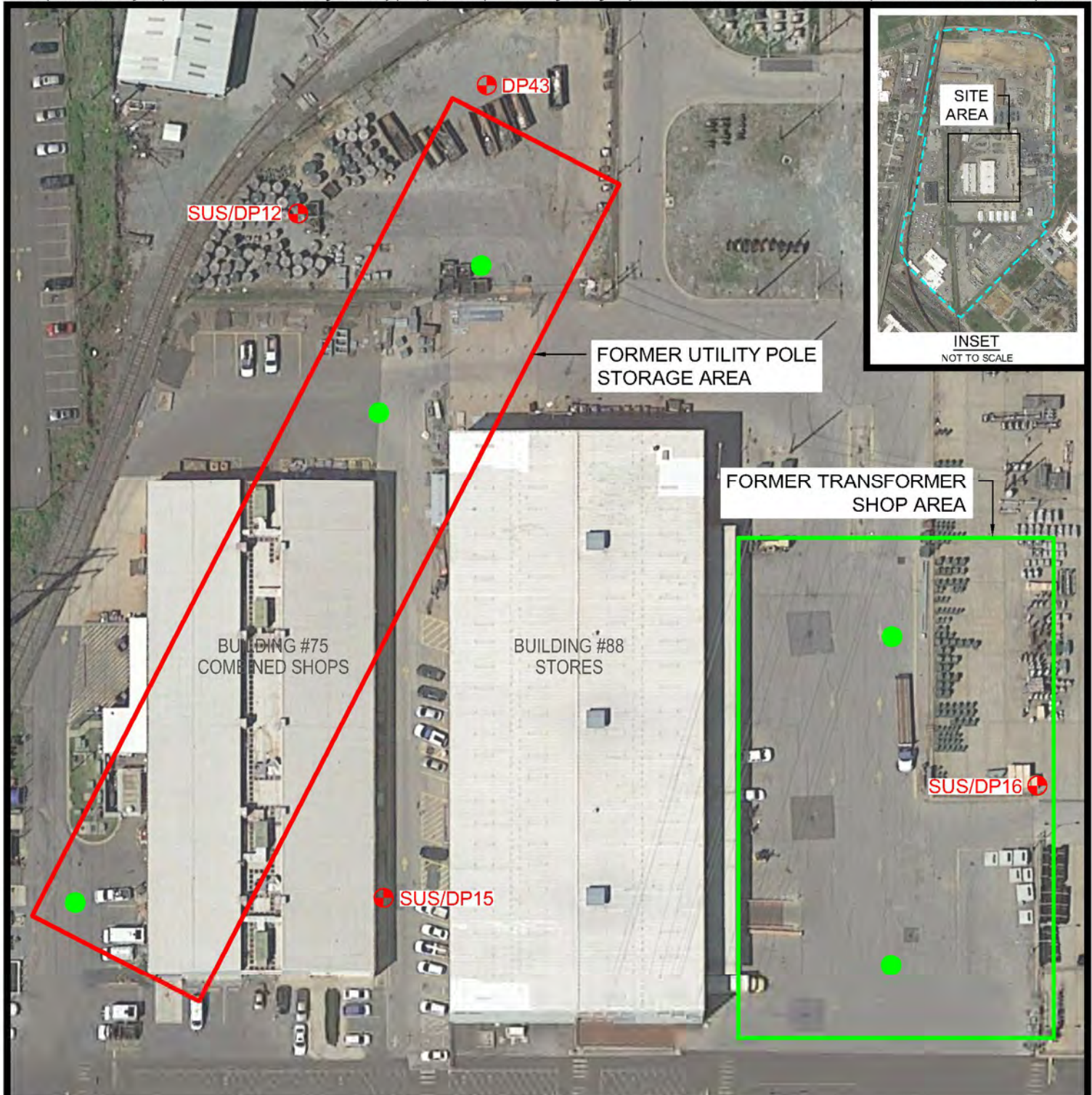
**SUS21
Delineation Area**

DATE: 09/29/2016

DRAWN BY: LAD

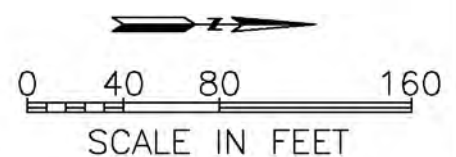
CHECKED BY: RD

FIGURE 3-10



LEGEND:

- PROPOSED SURFACE SOIL SAMPLE LOCATION
- ⊕ 2013 SOIL SAMPLE LOCATION



NOTE: EXACT SAMPLE LOCATIONS ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION.

AECOM

Benning Road Facility RI/FS Project
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Washington, DC 20019

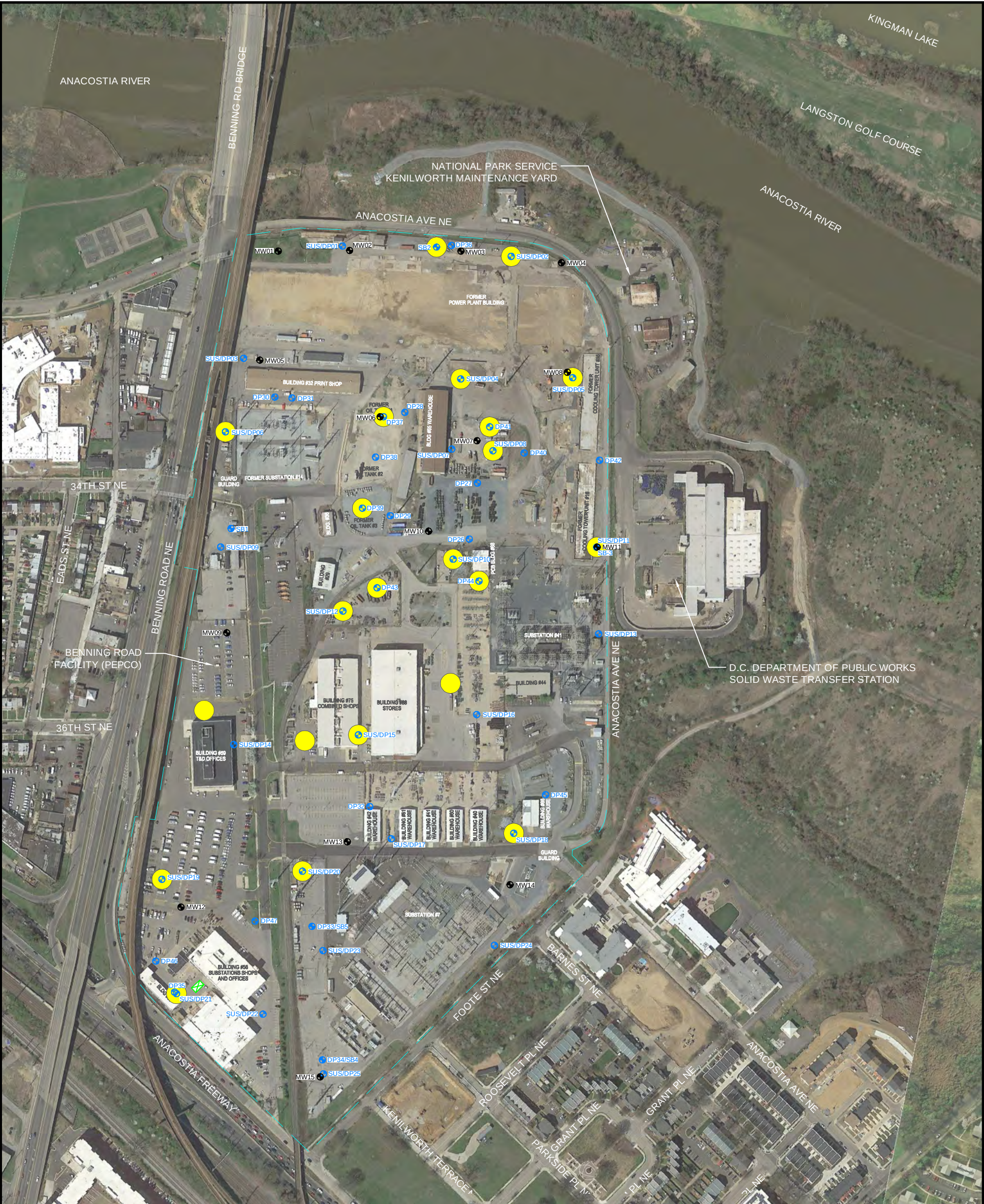
**Former Timber Pole Storage Area and
Transformer Shop Area Sample Locations**

DATE: 09/29/2016

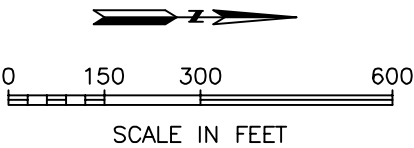
DRAWN BY: LAD

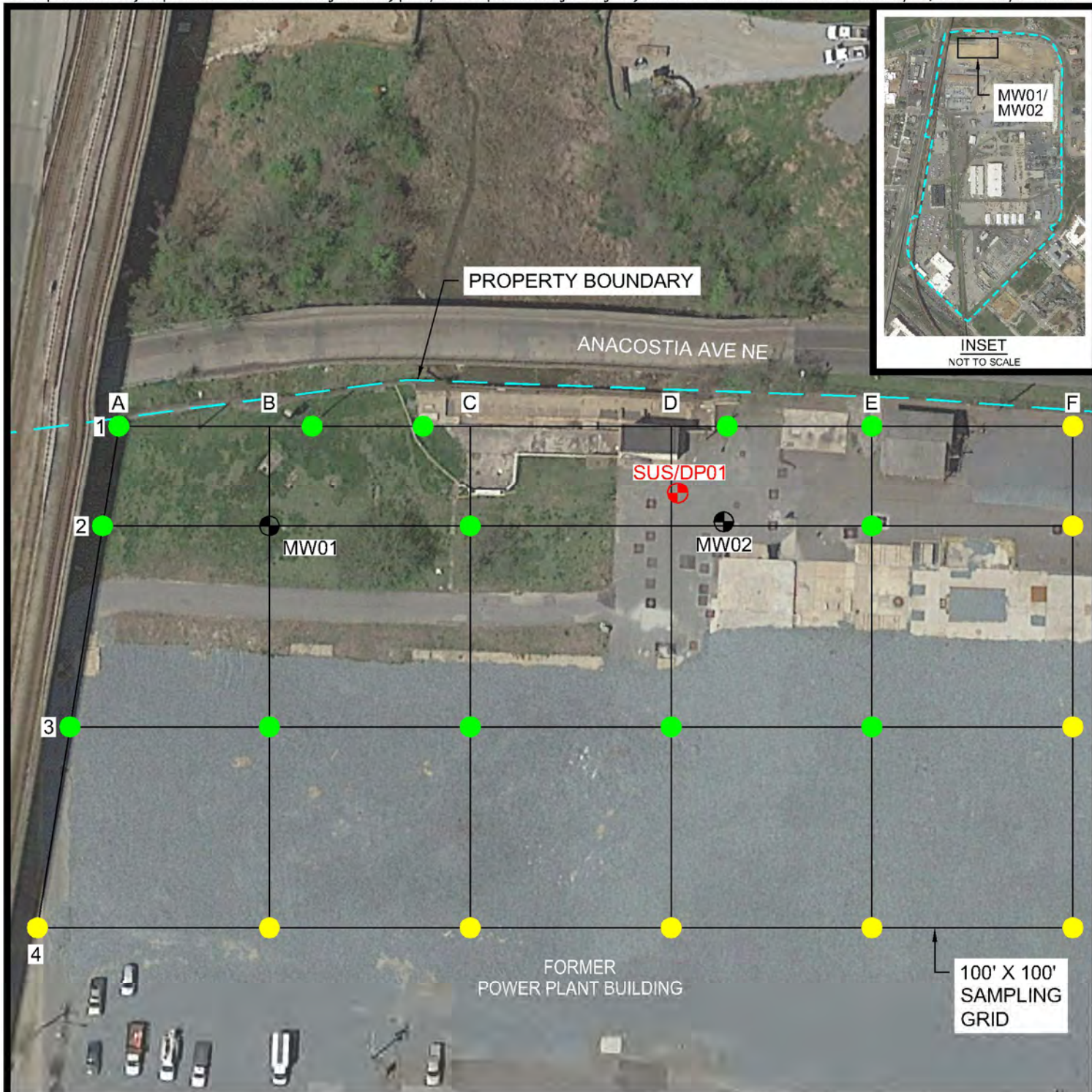
CHECKED BY: RD

FIGURE 3-11



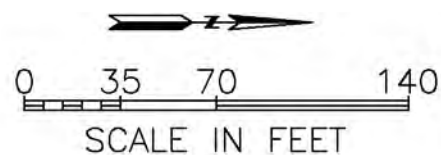
- LEGEND:
- PROPOSED FORENSICS LOCATION
 - 2013 SOIL SAMPLE LOCATION
 - MONITORING WELL LOCATION
 - PROPERTY BOUNDARY





LEGEND:

- PRIMARY SAMPLE LOCATION
- SECONDARY SAMPLE LOCATION
- SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- MONITORING WELL LOCATION



NOTE: EXACT SAMPLE LOCATIONS ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION.

AECOM

Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

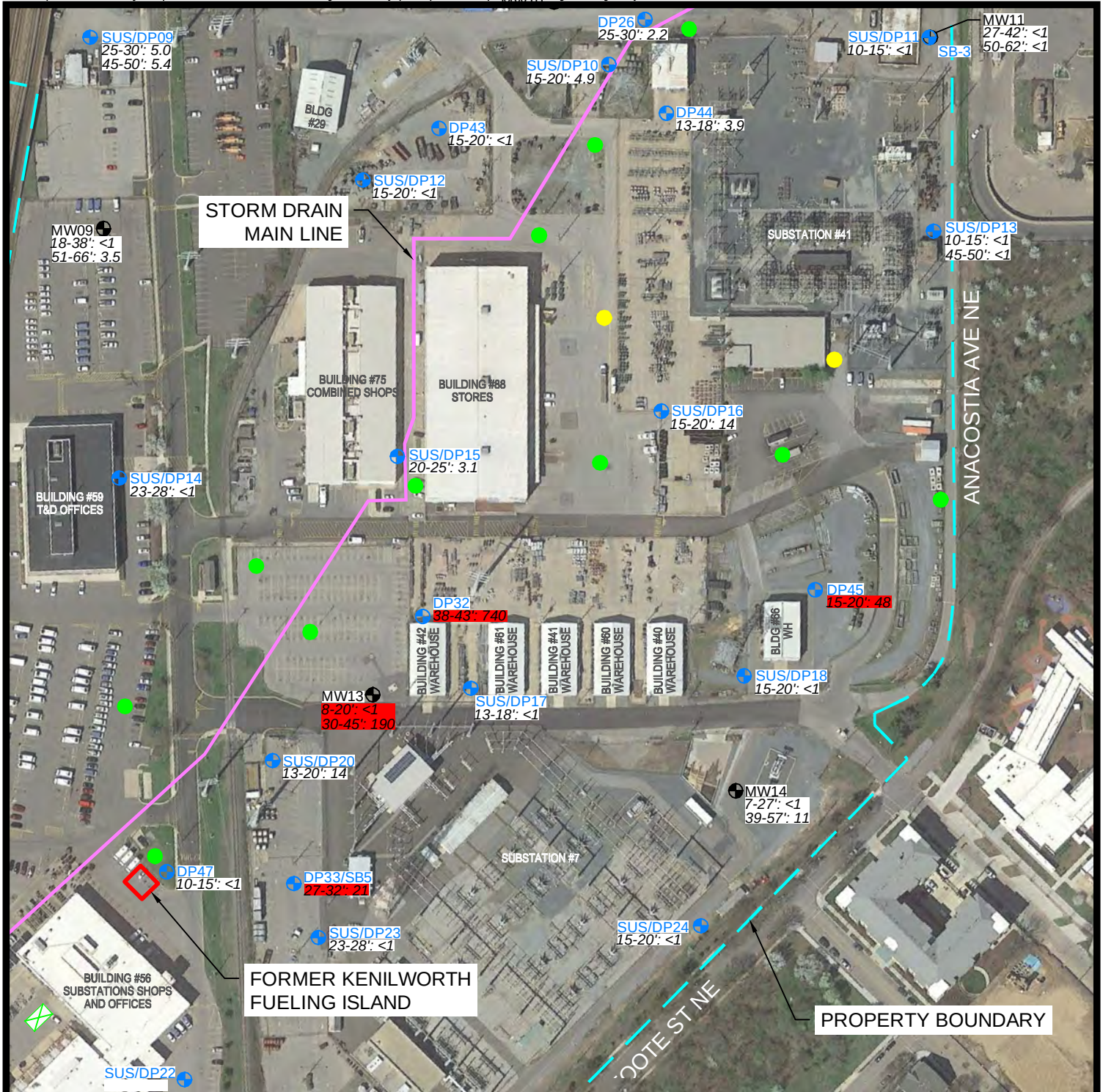
**MW01 and MW02
Delineation Area**

DATE: 09/29/2016

DRAWN BY: LAD

CHECKED BY: RD

FIGURE 3-13



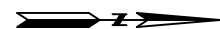
LEGEND:

- PRIMARY GROUNDWATER SAMPLE LOCATION
- SECONDARY GROUNDWATER SAMPLE LOCATION
- 2013 SOIL AND GROUNDWATER SAMPLE LOCATION
- MONITORING WELL LOCATION

15-20': 14 GROUNDWATER MTBE CONCENTRATION (µg/l)

15-20': 48 DETECTION ABOVE THE PROJECT SCREENING LEVEL OF 14 µg/l

NOTE: EXACT SAMPLE LOCATIONS ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION.



0 35 70 140

SCALE IN FEET

AECOM

Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

MTBE
Delineation Area

DATE: 10/07/2016

DRAWN BY: LAD

CHECKED BY: RD

FIGURE 3-14

\\uschi1p001\data\Projects\Jobs\Indl - Service\Project Files\Pepeco Benning Road RI_FSGIS\WXD\2016\Figure2-1

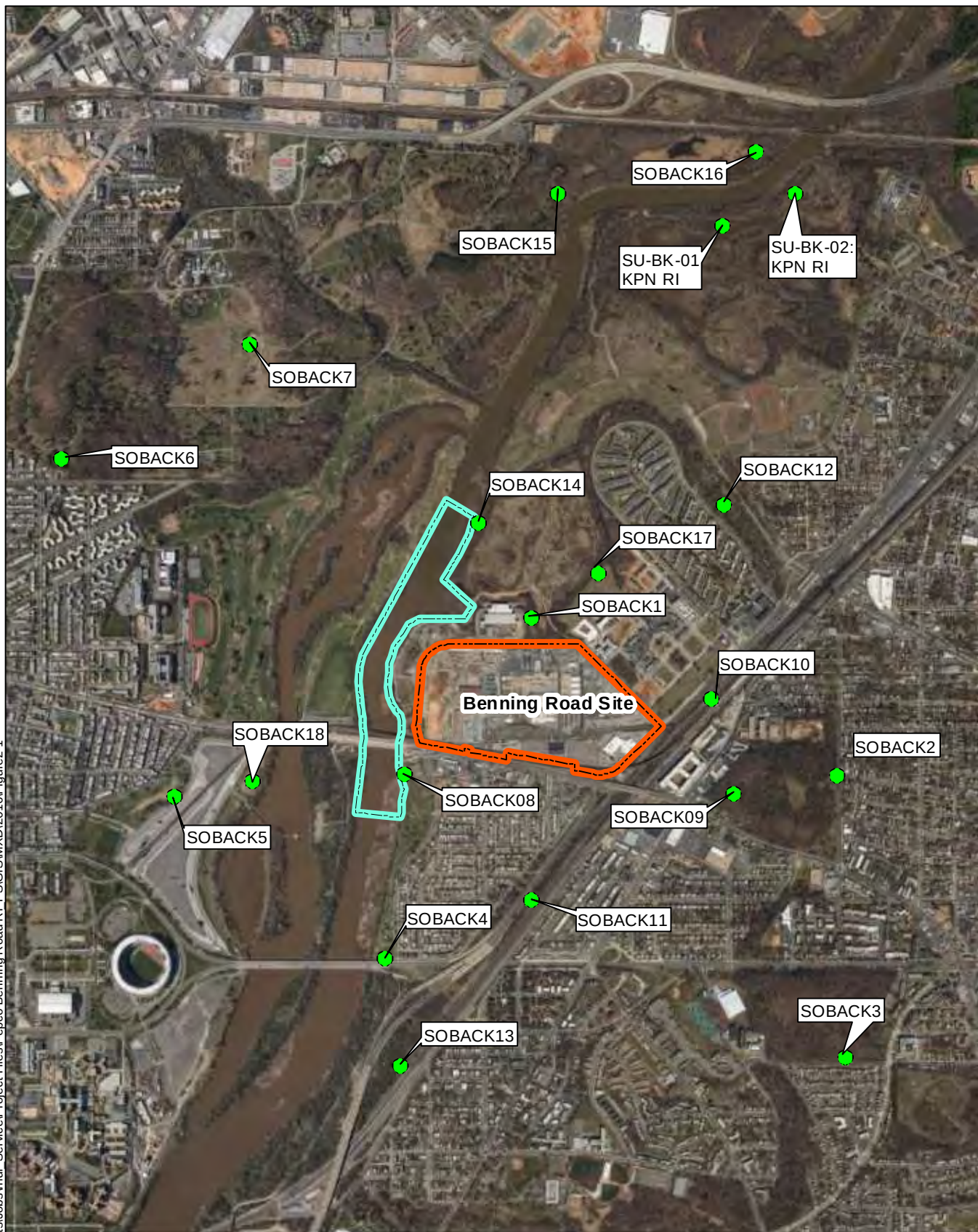


Figure 3-15
Proposed Site-specific Background
Surface and Subsurface Soil
Sample Locations
Pepeco - Benning Road Facility
Washington, DC

0 0.15 0.3 0.6 Miles

Legend

- Proposed Site Specific Background Soil Sample Location
- Benning Road Landside Investigation Area

Waterside Investigation Area

AECOM

\\uschi1p001\data\Projects\Jobs\Incl Service\Project Files\Pepeco Benning Road RI FS\GIS\WXD\2016\Figure3-1



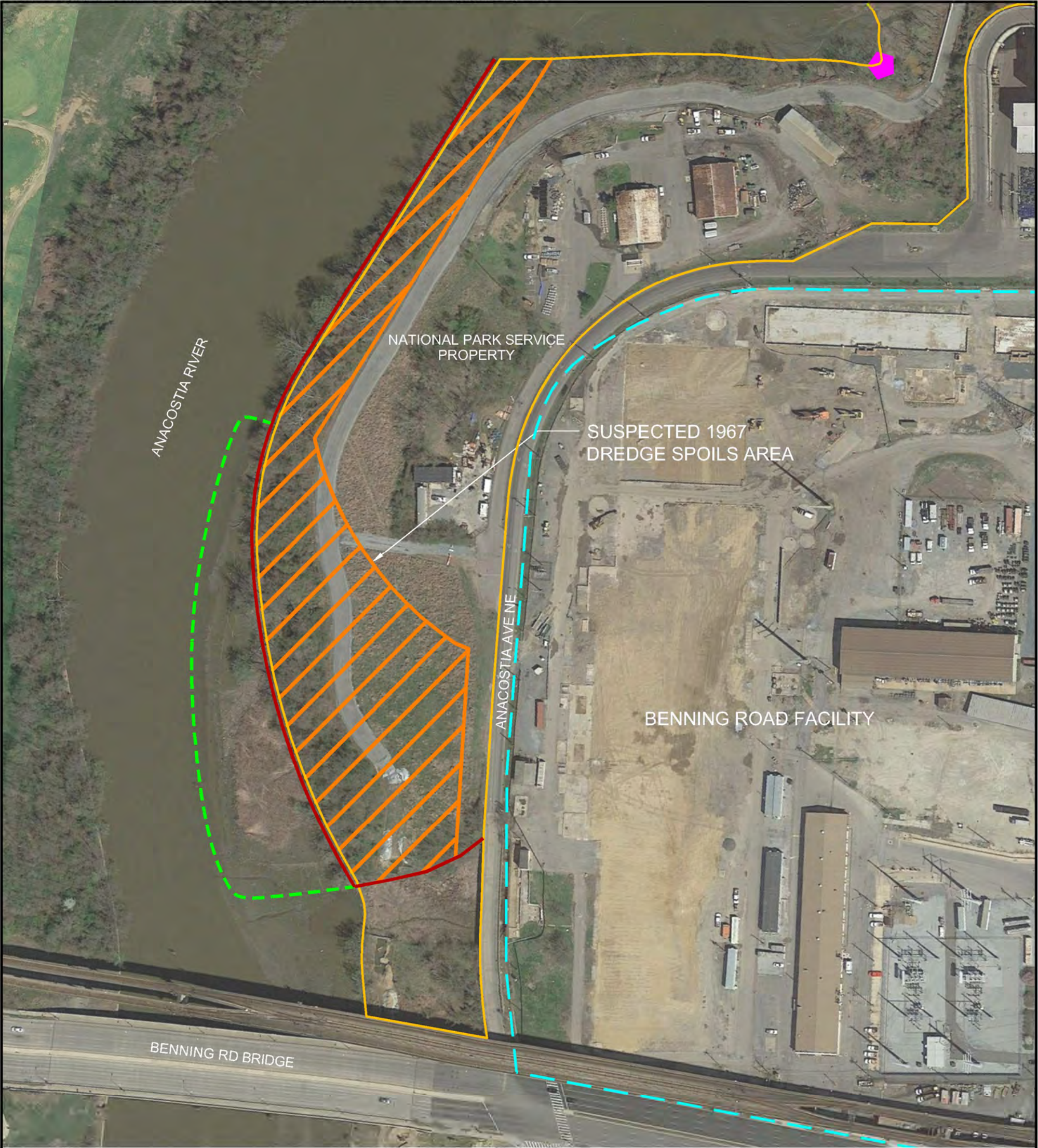
Figure 3-16
Proposed Site-specific Background Groundwater
Sample Locations
Pepco - Benning Road Facility
Washington, DC

0 0.3 0.6 1.2 Miles

Legend

- Background Groundwater Well Location
- Background Groundwater Geoprobe Location
- Waterside Investigation Area
- Benning Road Landside Investigation Area
- 2 Mile Site Radius

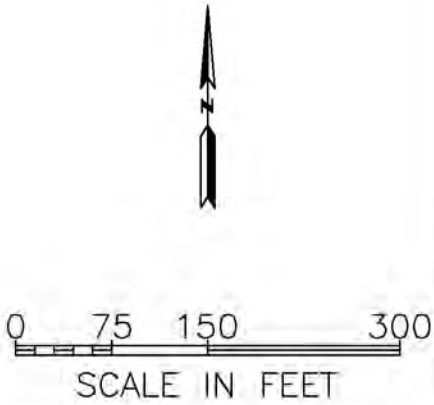
AECOM



LEGEND:

-  BENNING ROAD FACILITY PROPERTY BOUNDARY
-  SUSPECTED 1967 DREDGE SPOILS AREA
-  APPROXIMATE LOCATION OF SEA WALL
-  APPROXIMATE FORMER CONSTRUCTED WETLANDS BOUNDARY
-  NATIONAL PARK SERVICE PROPERTY BOUNDARY
-  NPDES OUTFALL TO ANACOSTIA RIVER

NOTE:
SUSPECTED DREDGE SPOILS AREA TAKEN FROM 1967 PEPCO DESIGN DRAWING NO. 831-81.113.

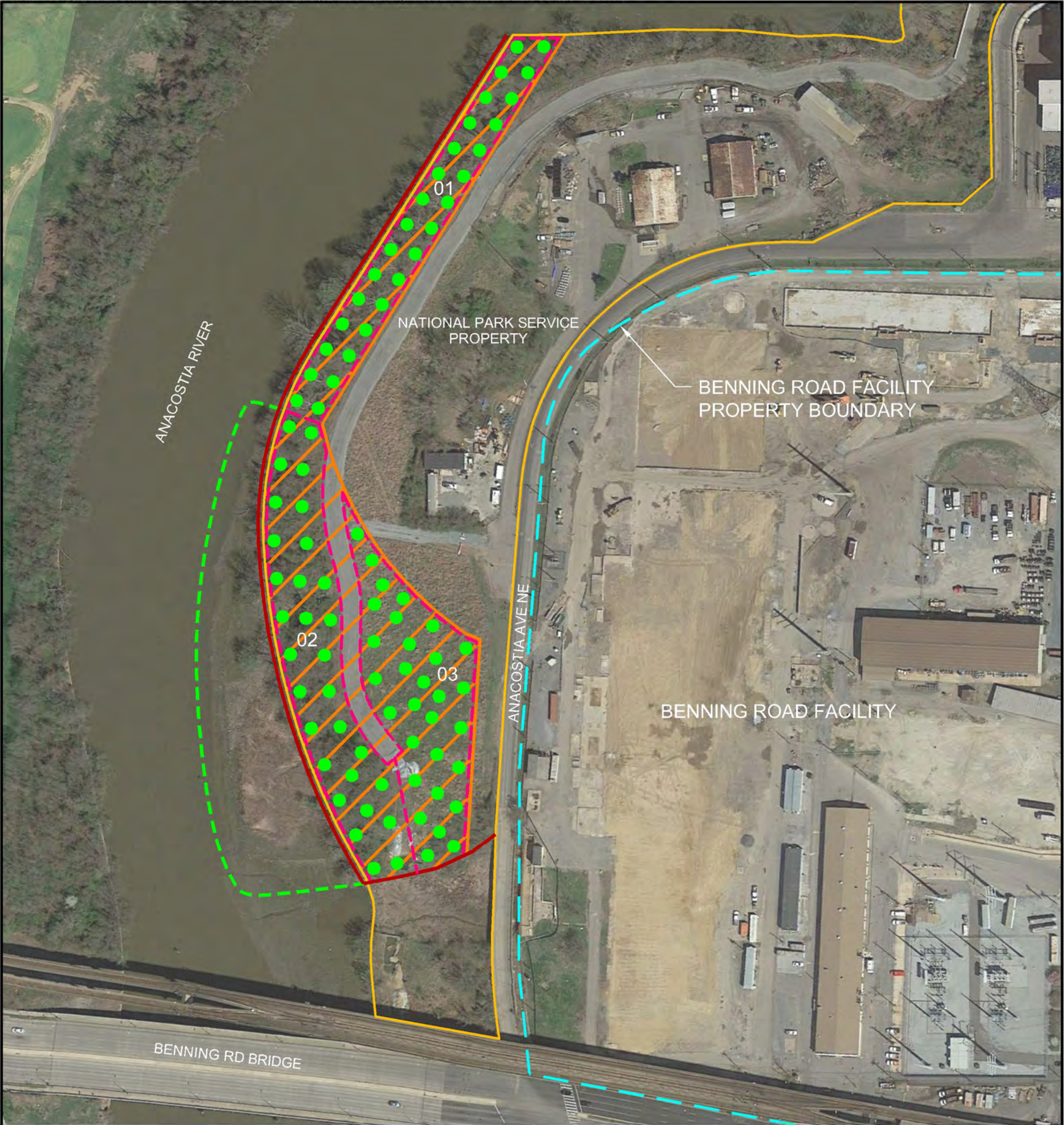


Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

**Suspected 1967 Dredge Spoils
Staging Area**

DATE: 09/29/2016 DRAWN BY: LAD CHECKED BY: RD

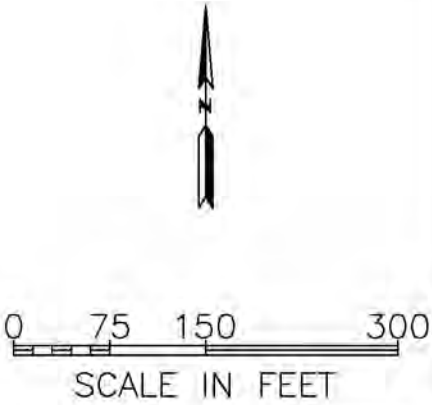
FIGURE 3-17



LEGEND:

- INCREMENT LOCATION
- DECISION UNIT BOUNDARY
- ▨ SUSPECTED 1967 DREDGE SPOILS AREA
- NATIONAL PARK SERVICE PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF SEA WALL
- APPROXIMATE FORMER CONSTRUCTED WETLANDS BOUNDARY

NOTE:
SUSPECTED DREDGE SPOILS AREA TAKEN FROM 1967 PEPCO DESIGN DRAWING NO. 831-81.113.

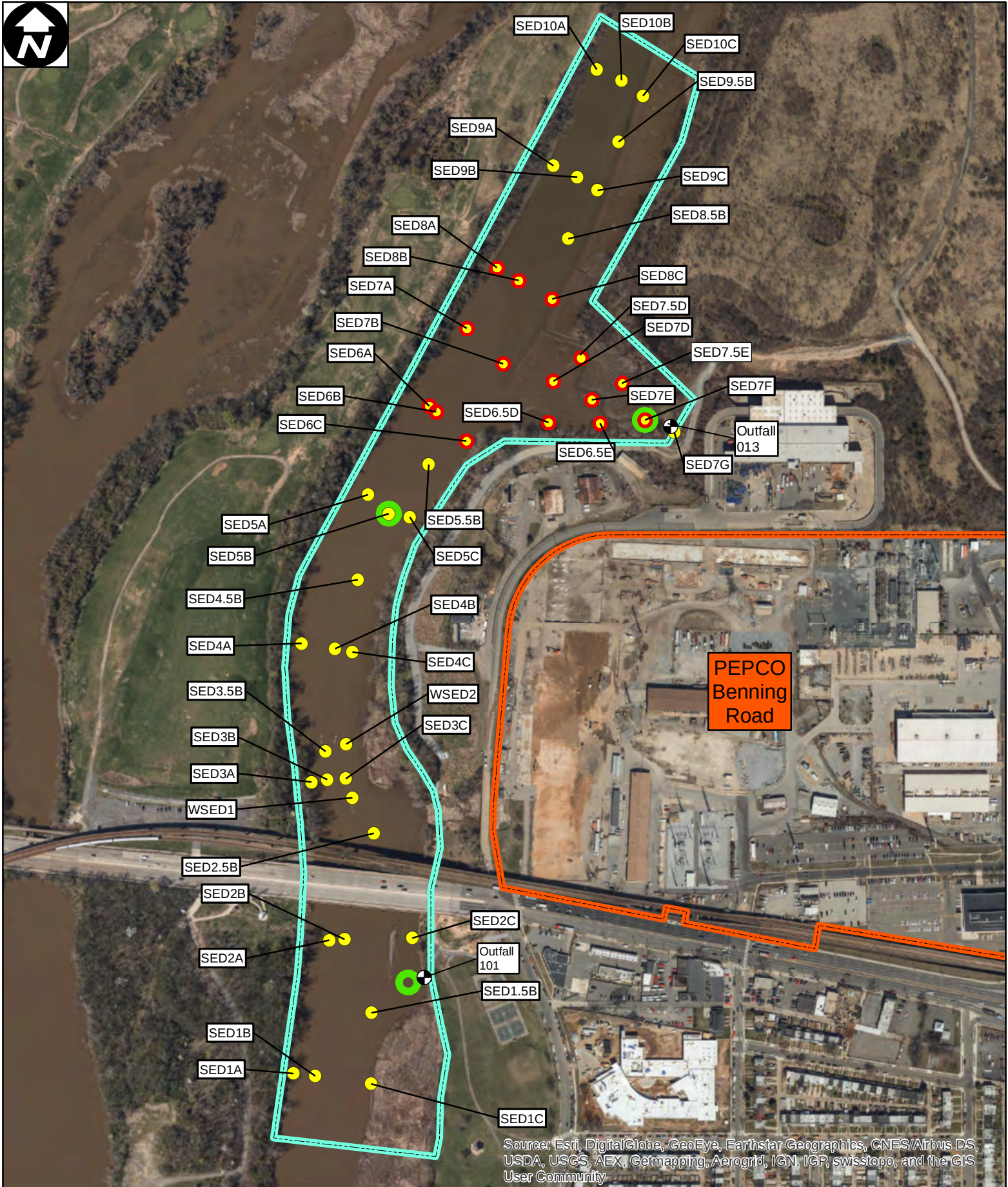


Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

**Proposed NPS Property
Sample Locations**

DATE: 09/29/2016 | DRAWN BY: LAD | CHECKED BY: RD

FIGURE 3-18



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

**Proposed Near-Site Sediment
Sampling Locations
Pepco – Benning Road Facility
Washington, DC**

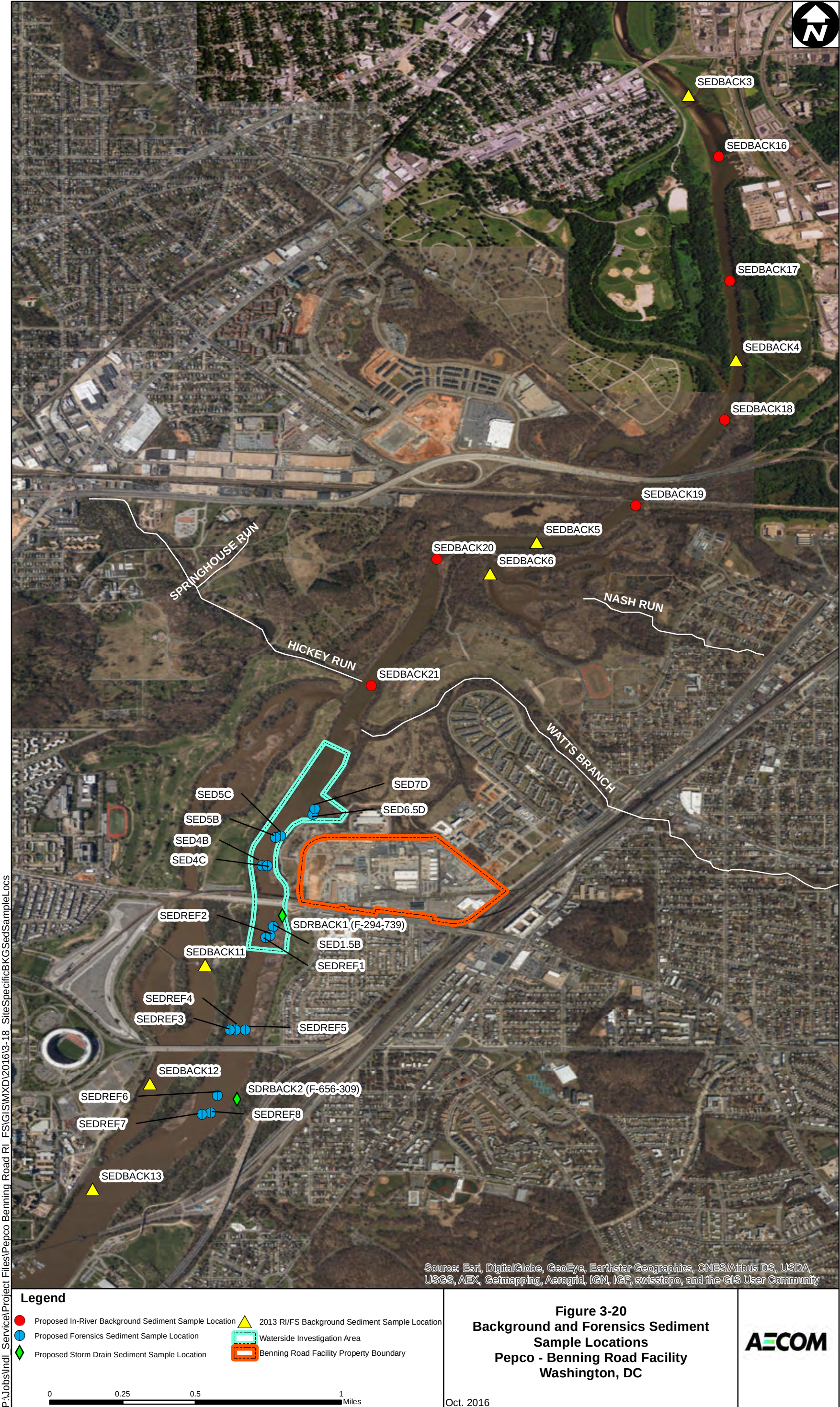
0 125 250 500 Feet

Legend

- Proposed Surface Sediment Sample Locations
- Proposed High Resolution Coring Location
- 2013-2014 RI/FS Sediment Sampling Locations
- Outfall Locations
- Waterside Investigation Area
- Benning Road Facility Property Boundary



Figure 3-19



P:\Jobs\Inlnd - Service\Project Files\Pepco Benning Road RI - FS\GIS\MXD\2016\3-18 SiteSpecificBKG SedSample.Loc