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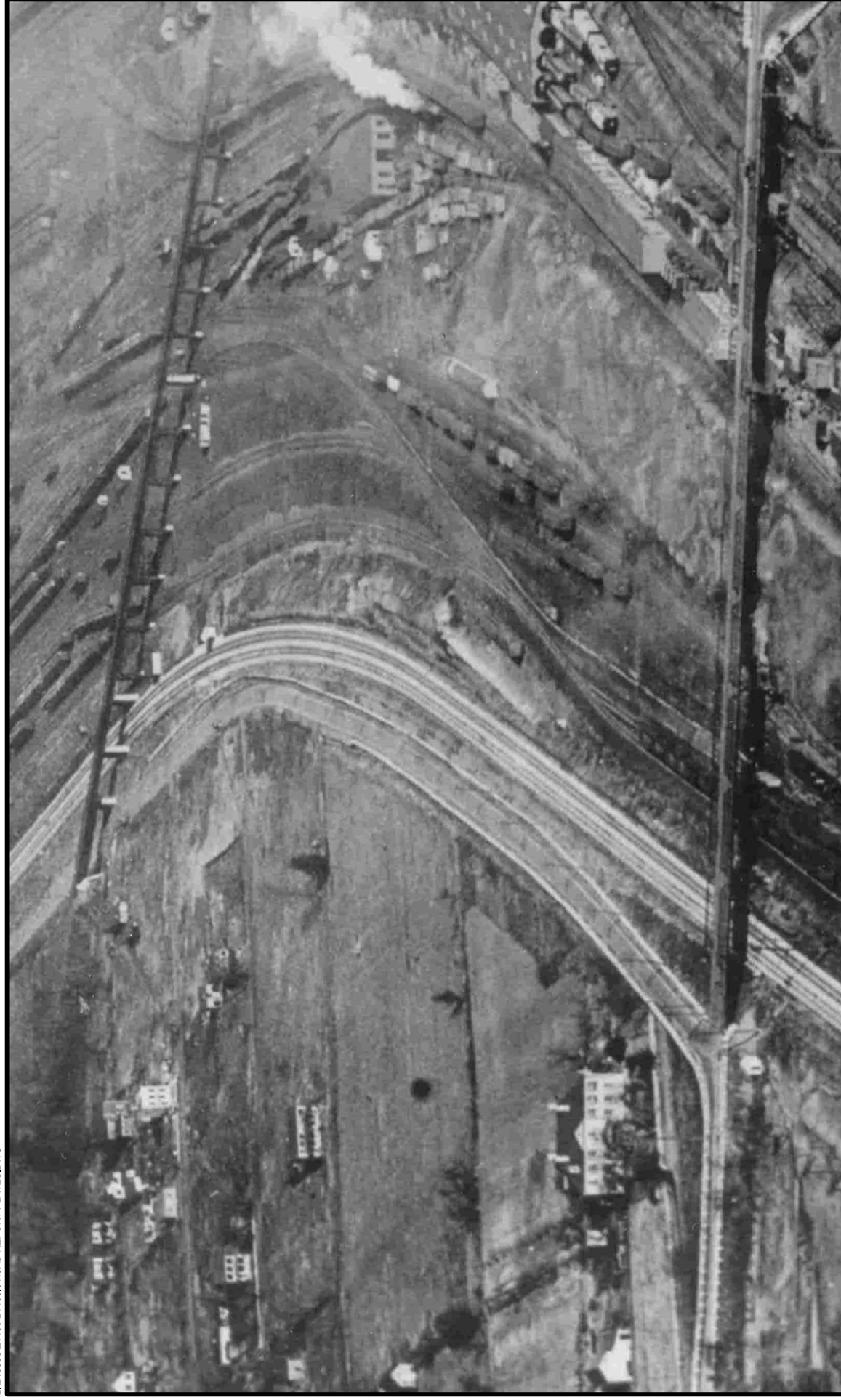
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PLATES



**Coal Tower Looking North, Circa 1941
Potomac Yard, Alexandria, Virginia
Potomac Yard - WSSI #21486.01**

*Image Source: James Foley
Potomac Yard Collection.*



Vicinity of Monroe Street Showing Alms House (lower left)
Potomac Yard, Alexandria, Virginia
Potomac Yard - WSSI #21486.01

Image Source: James Foley Potomac Yard
Collection, "Four Corners area [circa] 1921
looking North."

Thunderbird Archeology

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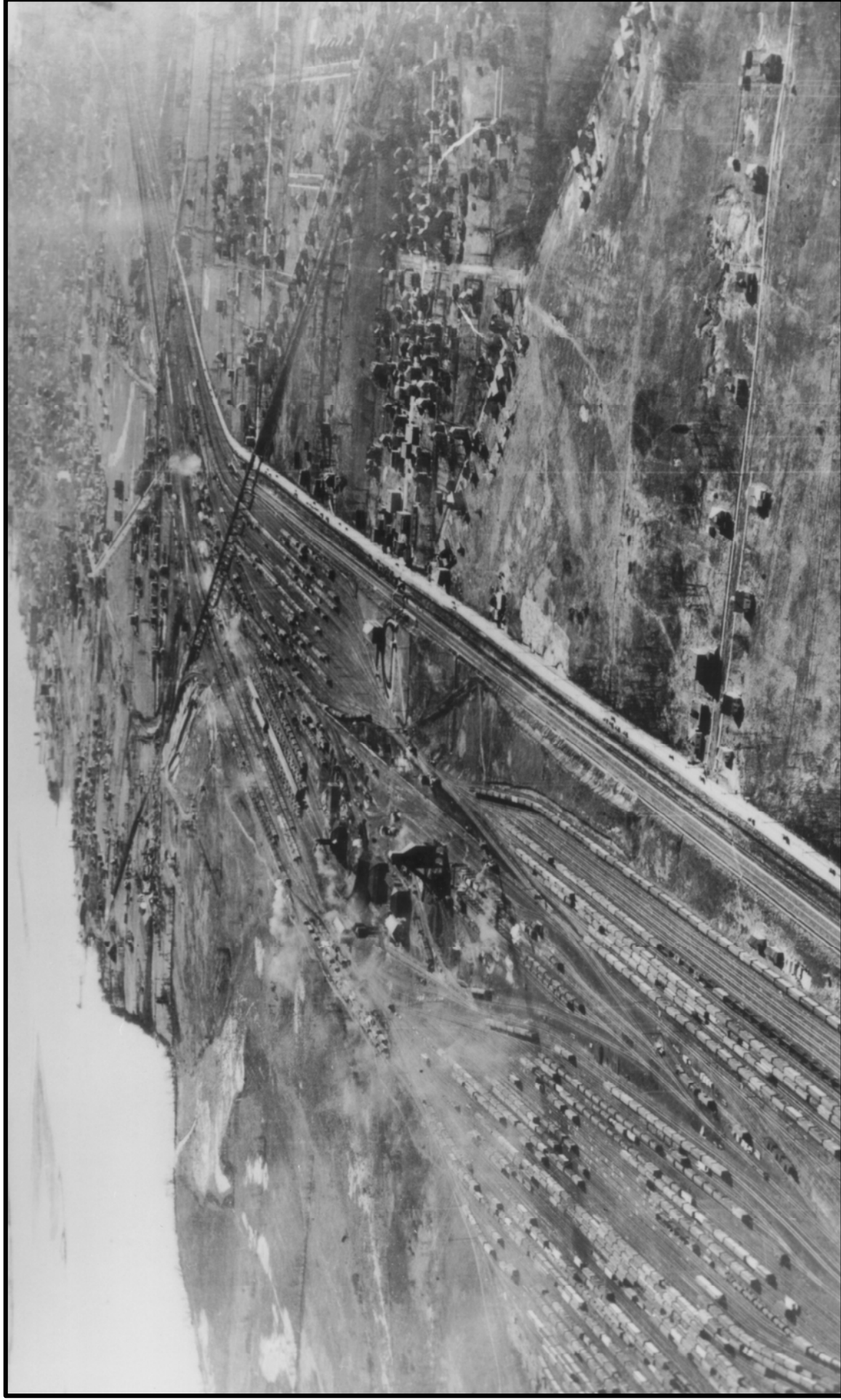


Alexandria, Loudoun and Hampshire (AL&H) Railroad Trestle (upper left to right)
Potomac Yard, Alexandria, Virginia
Potomac Yard - WSSI #21486.01

Image Source: James Foley Potomac Yard Collection. "Four Corners area [circa] 1921 looking North."

Thunderbird Archeology

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Overview of Potomac Yard and Adjacent Neighborhoods, Circa 1934
Potomac Yard, Alexandria, Virginia
Potomac Yard - WSSI #21486.01

Image Source: James Foley Potomac Yard
Collection. "Potomac Yard Looking South
[circa] 1934."

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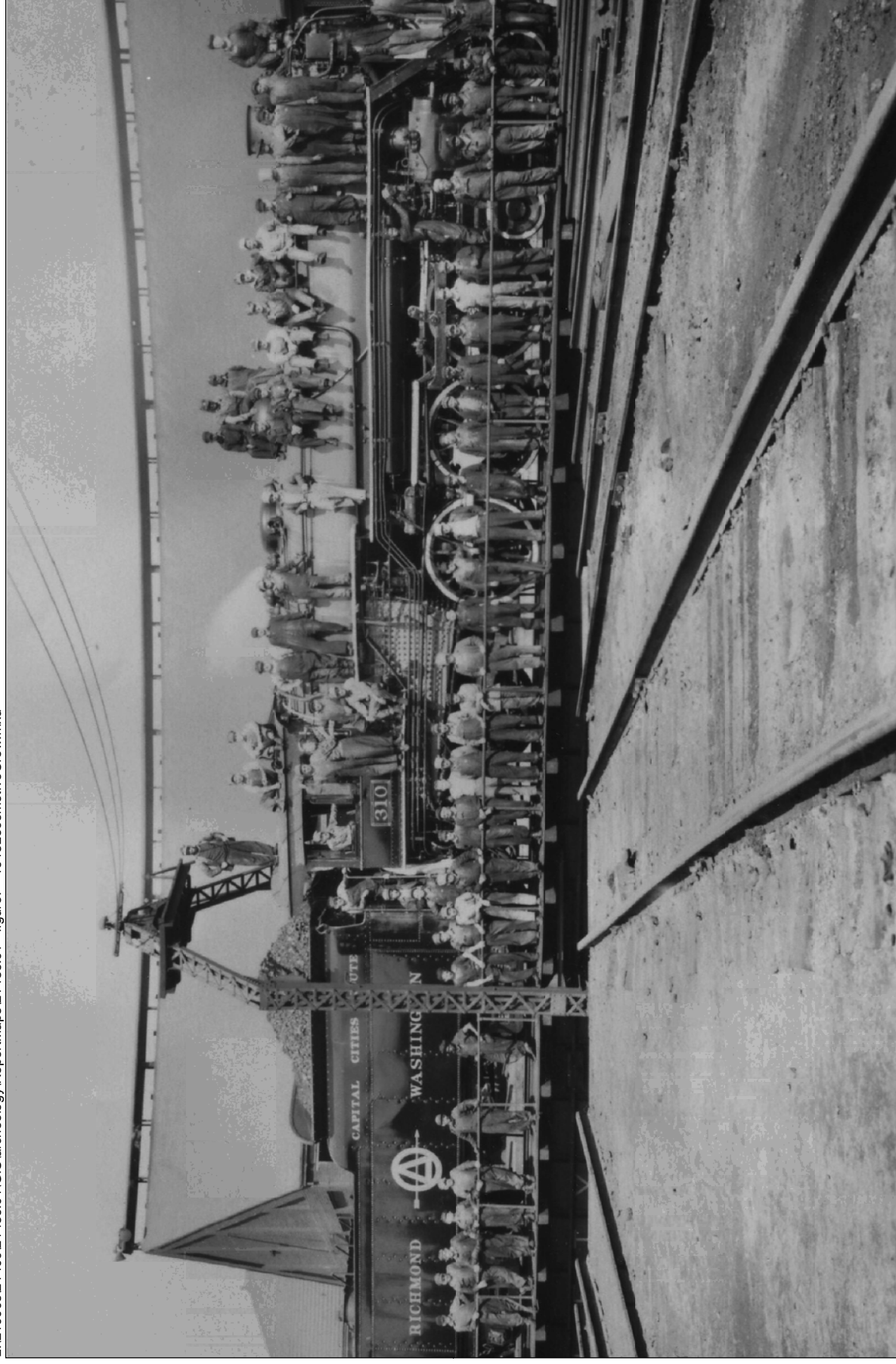


Image Source: James Foley Potomac Yard Collection.
"In 1945, the management of Potomac Yard took this photograph of the crew needed to service a steam locomotive to illustrate the savings in labor costs that would accompany the switch to diesel."

Potomac Yard Locomotive Repair Crew, Circa 1945
Alexandria, Virginia
Potomac Yard
WSSI #21486.01



PLATE 6
Geoprobe® Model 7720DT Used During Potomac Avenue Testing



PLATE 7
Project Area Looking North from Transit Station 41+00 (GP 6)
within Projected Location of Barbour House



PLATE 8
Project Area Looking South from Transit Station 41+00 (GP 6)
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PLATE 9
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PLATE 12
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PLATE 13
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Overview of GP 29 Facing West



PLATE 14
Overview of Phase I Machine Trenching



PLATE 15
Overview of Phase I Machine Trenching



PLATE 16
Representative Soil Profile from Phase I Machine Trenching

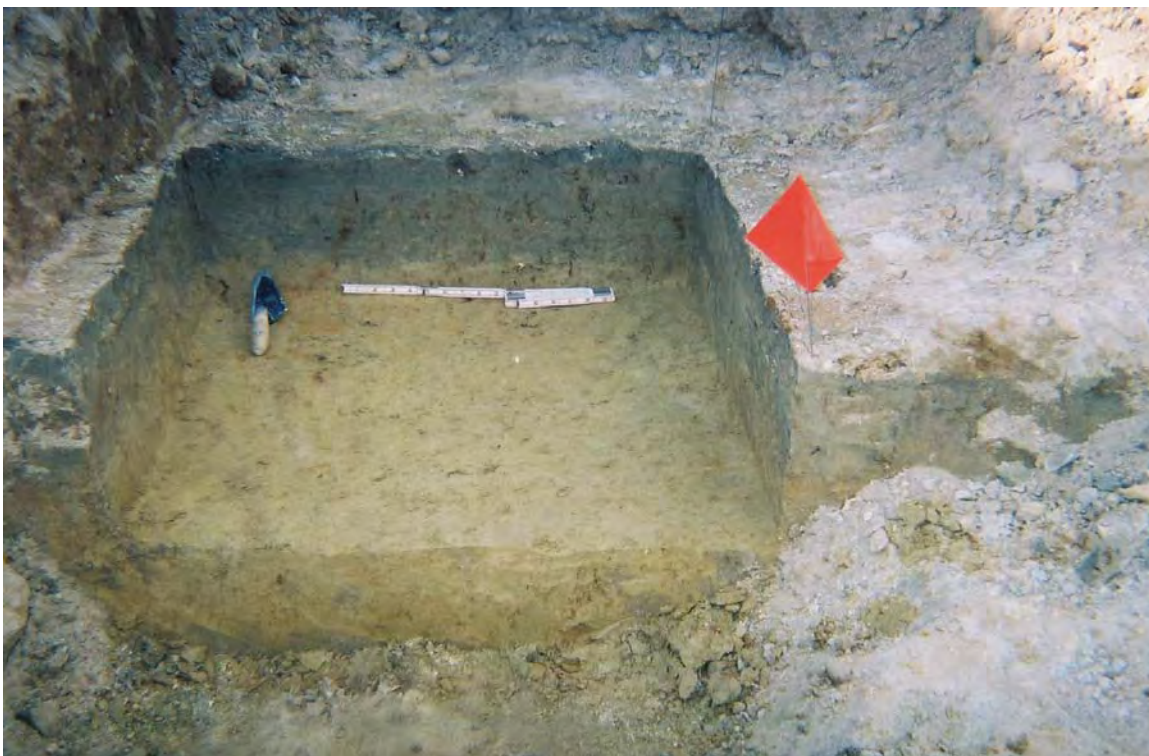


PLATE 17
North Wall Profile of Test Unit 1 (Trench 11)



PLATE 18
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PLATE 19
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PLATE 20
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PLATE 21
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PLATE 22
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PLATE 23
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PLATE 24
West Wall Profile along Northern End of Block 2



PLATE 25
Phase I Trench Excavations Exposed in Floor of Block 2
(Along East Wall in Background of Photo)



PLATE 26
Trench Box Used in Construction of Sanitary Sewer

APPENDIX I
Scopes of Work

Scope of Work
for
Archaeological Investigations within
Potomac Avenue and Landbay H,
Potomac Yard
Alexandria, Virginia

April 2, 2007

Introduction

The goal of this scope of work is to determine if significant archaeological resources are present within the project area. Over the years, much of the original topography within the project area has been modified – cut and/or filled – by the development of Potomac Yard. Based on his interviews and research into the history of Potomac Yard, Jim Foley (personal communication, 2006) described that the "sloping land mass [along the eastern side of the property] down to the back washes and tidal marshes of Dangerfield's Island" was filled during the construction of the rail yard. Prior to the establishment of Potomac Yard in 1906, these "filled areas" would have been level terraces overlooking the marshes of Daingerfield Island.

Archeological testing was recommended in the March 2007 Resource Management Plan for several areas of Potomac Yard that are located within the potentially "filled areas". The two areas discussed in this Scope of Work are located in the Potomac Avenue and East/West Roads site plan and in the Landbay H site plan.

The Potomac Avenue site plan includes all of Potomac Avenue, which extends from the northern end of the project area at Four Mile Run, to the intersection with the proposed re-alignment of Route 1 in the southern portion of the project area; and the eastern portions of East Glebe Road, Swann Avenue, Custis Avenue and Howell Avenue (Exhibits 1 and 2). Landbay H is located in the north-central portion of Potomac Yard and is situated between Potomac Avenue and Route 1; Swann Avenue borders the southern end of Landbay H (Exhibit 3).

The level terraces above the marshes and tributaries of Daingerfield Island would have been attractive to prehistoric populations for their resources; and therefore, has a moderate to high probability for locating prehistoric resources within any potentially buried ground surface. Additionally, the projected location of the 19th century Barbour House falls partially in Landbay H and partially within the proposed path of Potomac Avenue.

The estate of S. L. Barbour, which appears on both the 1878 and 1894 Hopkins maps, was formally part of Henry Dangerfield's "Island Farm", which was situated between the Preston Plantation and Slater's Lane. The Dangerfield property was divided among his heirs upon his death. The 76-acre tract (Lots 6 and 7) was inherited in 1870 by his daughter, Susan Barbour, who was married at the time to the president of the Orange & Alexandria Railroad, John S. Barbour. The 1870 plat map does not show a house within this 76-acre property, and the land

was valued less than other lots that did have buildings. The house on this property, therefore, must have been constructed between 1870 and 1878, when it first appears on the Hopkins map.

It is unclear whether Susan Barbour resided here, but there is a good possibility that she rented the property to tenants. She owned property in Washington D.C. and in Prince Georges County, Maryland. Susan Barbour died at her Maryland estate in 1886, and left the Barbour tract to her husband for use during his lifetime. When he died, the property went to her sister, Ellen C. Daingerfield. Ellen eventually sold both her portion and Susan's portion of the Island Farm inheritance to Richard Call, who had acquired the entire Island Farm property from the Dangerfield heirs. He sold the entire property in 1903 to Washington Southern Railway; the deed does not mention any structures on the property at the time of this transfer.

The level of 20th century disturbance from the construction and decommissioning of the Yard is unknown. The Potomac Yard power station was also located adjacent to the projected location of the Barbour House.

A Contextual Study and Resource Management Plan have been completed for the property. This Scope of Work is for conducting the Archaeological Investigations. If a significant site or sites are discovered as a result of the field work, the sites must be registered with the Virginia Department of Historic Resources.

All aspects of this investigation will adhere to OSHA regulations and will comply with the *City of Alexandria Archaeological Standards* dated January 1996 and the *Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation*. Miss Utility must be informed before excavations are made.

Archaeological Testing

Pedological and Geomorphological Testing

Although test borings have been previously excavated within Potomac Yard, the purpose of the drilling was not to locate buried ground surfaces. Because the planned construction will impact the potentially buried ground surface beneath these proposed roads, further geomorphological boring was recommended in the Resource Management Plan, dated March 2007.

The archeological excavation plan consists of geomorphological boring within specific portions of the proposed road alignments. An existing water main line runs beneath Potomac Avenue between Stations 29 + 00 and 35 + 00; therefore, testing will be conducted in the remainder of the "filled area" - between Stations 35 + 50 and 59 + 50. A total of twenty-four (24) test bores will be excavated at 100-foot intervals in this location (Exhibit 4).

Three (3) test bores each will be excavated in the potentially "filled area" along Swann Avenue (Stations 14 + 87.5 to 17 + 50) and along Custis Avenue (Stations 14 + 00 to 17 + 50) (see Exhibit 3). *Currently, the Avis building and associated parking lot are situated along the path of Custis Avenue. Access to the property may be restricted at this time.*

Finally, two (2) test bores will be excavated northeast of Station 30 + 00 of Potomac Avenue, in anticipation of the expansion of the existing pond.

If buried land surfaces are located during the geomorphological testing along Potomac Avenue, Swann Avenue and Custis Avenue, additional testing will be required in the "filled area" within Landbay H and Landbay I. The number and locations will be determined in consultation with Alexandria Archaeology.

The purpose of the geomorphological testing will be to locate intact prehistoric ground surfaces beneath the historic fills. The drilling operation will utilize a split spoon continuous sample in order to visually inspect all soils excavated. The testing strategy and interval was established in consultation with Pam Cressey, Alexandria City archaeologist.

If the event that a buried ground surface is encountered, additional work may be needed to assess the significance of the findings. Decisions regarding the significance and the need for additional testing will be made in consultation with Alexandria Archaeology.

Backhoe Trenching

Archeological testing was recommended in the vicinity of the Barbour House. While the proposed construction of townhouses within Landbay H will only impact the ground surface by a few feet, the proposed utilities beneath Potomac Avenue will impact the potentially buried historic surface to as much as an estimated 11 feet.

The archeological excavation plan consists of excavating four exploratory backhoe trenches across the projected location of the Barbour House (approximately 125 by 125 feet), to determine if intact buried ground surfaces and features are present. Two fifty-foot trenches will be excavated in the proposed path of Potomac Avenue and two fifty-foot trenches will be excavated within Landbay H (Exhibit 5). Locations of the trenches were established in consultation with Pam Cressey, Alexandria City archaeologist.

All trenches will be approximately five feet in width and will be excavated with a machine backhoe outfitted with a smooth blade bucket. The width of the trench may be expanded in compliance with OSHA regulations in order to safely evaluate the stratigraphy. The purpose of these trenches will be to locate intact ground surfaces and features. At least one soil strata column profile will be drawn for every trench. Photographs will be taken. Trenches will be back filled after recordation of the soil profiles if features/buried surfaces are not located. In trenches where features occur, the excavations will be expanded if necessary to allow for safe hand excavation and evaluation.

If the event that features or pre-1906 ground surfaces are encountered, additional work will be needed to assess the significance of the findings. Decisions regarding the significance of features and the need for additional testing will be made in consultation with Alexandria Archaeology. The features discovered during this process will be drawn and photographed and if deemed necessary, excavated. The additional work may involve a combination of trench expansion and hand excavation of 5 x 5 foot square test units. The trench expansion may

involve stripping of larger area to expose significant features. **The additional work will be billed to the client on a per test unit basis.** Refer to the Test Unit Excavations section below.

The cost proposal does not include the excavation of any "deep shaft" features, i.e. wells or privies, which may be encountered. Depending on the size and nature of these features, this may be added as an additional service.

Test Unit Excavations: If warranted, test units (5 x 5 feet) will be excavated as part of this scope to test potentially significant archaeological features and buried ground surfaces. The test units will be excavated stratigraphically and all soil will be screened through 1/4-inch mesh hardware cloth screens. Soil profiles will be made of representative units, with soil colors described using the Munsell Soil Color Chart designations. Artifacts will be bagged and labeled by unit number and by soil horizon. The work will be documented with field notes, sketch plans, photographs, and slides. Any features encountered will be mapped and made available for inspection by Alexandria Archaeology. **Since it is not known if the test units will be necessary, they will be budgeted on a per-unit basis.**

Archival Research: Additional archival and historic research to provide a context for the archeological work. The parameters of the additional archival and historic research will be determined in consultation with Alexandria Archaeology after the testing has been completed.

Laboratory Work and Curation

Archaeological artifacts recovered from the project area will be cleaned, stabilized (if necessary), cataloged, labeled and packaged in accordance with the guidelines set forth in the *City of Alexandria Archaeological Standards*. Organic materials that may require conservation may be recovered; however, **the cost proposal will not include conservation services.** If required, conservation will be added as an additional service.

At the conclusion of the project, all original photographs, negatives, slides, digital images, videotapes, copies of historical documents, field notes and forms (original copy and a duplicate copy), other field records, as well as the artifacts if they are to be donated to the City, will be delivered to Alexandria Archaeology. Archaeological collections recovered as a result of the Alexandria Archaeology Resource Protection Code must be curated at a facility which meets Federal standards for archaeological curation and collections management as described by 36CFR Part 79. The Alexandria Archaeology Storage Facility meets these standards, and the property owner is encouraged to donate the artifact collection to the City for curation. The archaeological consultant is responsible for arranging for the donation of the artifacts with the owner and will deliver the artifacts and signed forms to the appropriate storage facility.

Archaeological Evaluation Report

If necessary by the client, two separate Archaeological Evaluation Reports will be produced. To insure timely review of the report(s), it shall be submitted to Alexandria Archeology by the archeological consultant at the same time that they are submitted to the client.

The Archaeological Evaluation Report will include the following: a public summary; the results of any additional archival and documentary research, a map of the project area; a map with unit locations and significant features; a summary of the procedures; results of the field investigation and artifact analysis, including a distribution map or other graphics which indicate potentially significant archaeological areas; an integration of the field and analysis data with the historical record.

If the investigation results in the discovery of features that require additional archaeological work, the Archaeological Evaluation Report will include a Resource Management Plan. The Resource Management Plan will present a strategy, scope of work (including a map indicating locations of proposed work in relation to completed tests), and budget for further investigations. All archaeological sites discovered will be registered with the Virginia Department of Historic Resources and copies of the registration forms will be submitted to Alexandria Archaeology.

When the fieldwork is completed, one copy of the full Archaeological Evaluation Report will be submitted to Alexandria Archaeology as a draft for review. Once the report is approved by the City Archaeologist, revisions will be made, and four copies of it, one unbound with original graphics, will be submitted to Alexandria Archaeology. The report will also be submitted on a CD. All site maps and drawings must be inked or computer-generated so as to produce sharp and clear images that will result in clear photocopies or microfilms.

Public Interpretation

The *City of Alexandria Archaeological Standards* require that a public summary be prepared as part of an Archaeological Evaluation Report. The public summary will be approximately 4 to 8 pages long with a few color illustrations. This should be prepared in a style and format that is reproducible for public distribution and use on the City's web site. Examples of these can be seen on the Alexandria Archaeology Museum website. A draft of the summary should be submitted to Alexandria Archaeology for review along with the draft of the Archaeological Evaluation Report. Upon approval, a master copy (hard copy as well as on CD or computer disk) will be submitted to Alexandria Archaeology. The summary and graphics should also be e-mailed to Alexandria Archaeology for publication on our web site.

In addition, if determined to be warranted by the City Archaeologist, the developer will be required to erect a historical marker on the property. The archaeological consultant will supply the written text and graphics for the marker. The text should be up to 200 words in length with a paragraph on the historical significance of the site and a paragraph on findings from the archaeological investigation. The graphics (minimally four, with captions) need to be high-quality copies (scanned at a minimum of 600 dpi and saved separately as jpeg or tiff files) of line drawings (*e.g.*, site maps, feature drawings), historic photographs and maps, or other illustrations (*e.g.*, site or artifact photos) in black and white or color. All copyright releases need to have been obtained and credit provided for each graphic. The text and graphics must be submitted to Alexandria Archaeology on a CD. Coordinate with the City Archaeologist before writing the text and selecting images.

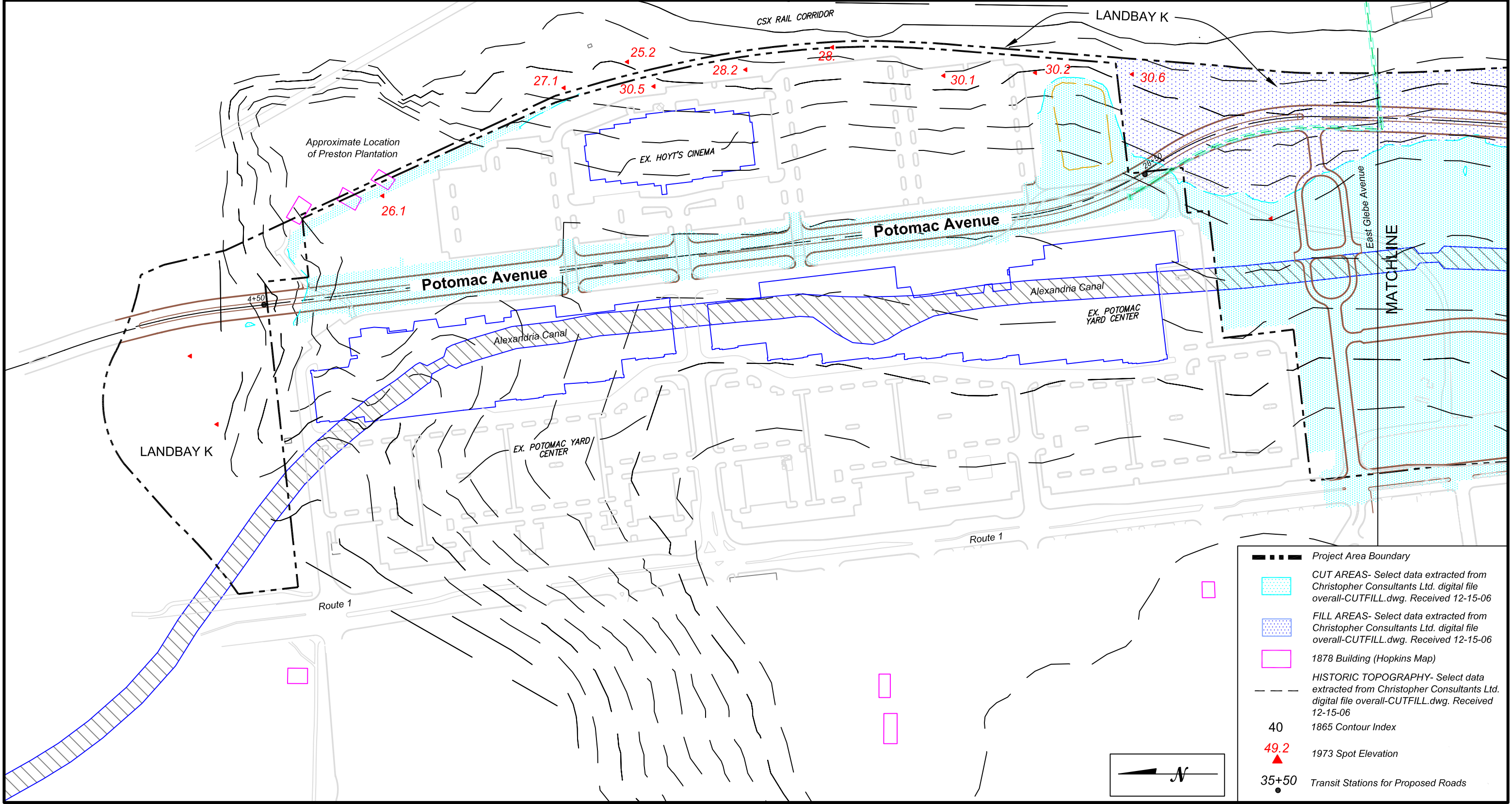
Tasks

The following is a summary of the tasks to be completed:

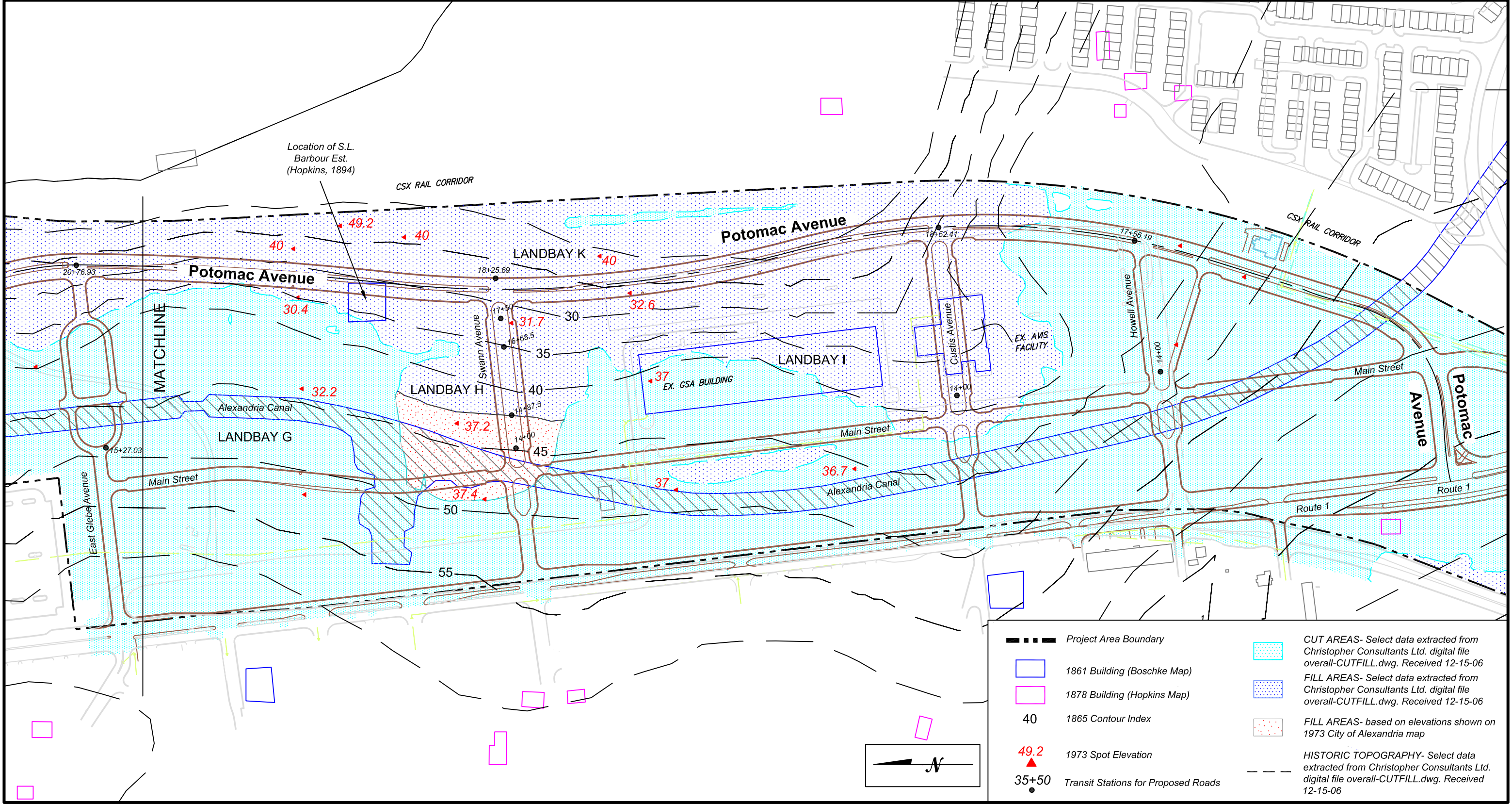
1. Obtain archeological certification from City of Alexandria.
2. Notify Alexandria Archaeology of the field work start date. Conduct the field investigation. Alexandria Archaeology staff will conduct site inspections throughout the course of the field work to facilitate decision making regarding number and placement of units.
3. Process all significant artifacts and complete the analysis.
4. Produce and submit one draft Archaeological Evaluation Report to Alexandria Archaeology, including the public summary document and the text and graphics for the historic marker. If further archaeological investigations are necessary, the evaluation report can be a letter report to accompany the Resource Management Plan with the final report and marker text produced after all field work is completed.
5. Deliver to Alexandria Archaeology four bound copies and one unbound coy, plus a CD of the final report, final versions and CDs of the public summary and historic marker text and graphics, plus all field notes, copies of historic documents, photographs, slides, digital images, cassette tapes, transcriptions, forms and associated records. In addition, arrange for the donation and delivery of the artifacts to an appropriate storage facility. Alexandria Archaeology is the preferred repository and requires a City of Alexandria Deed of Gift form.

Formats for Digital Deliverables:

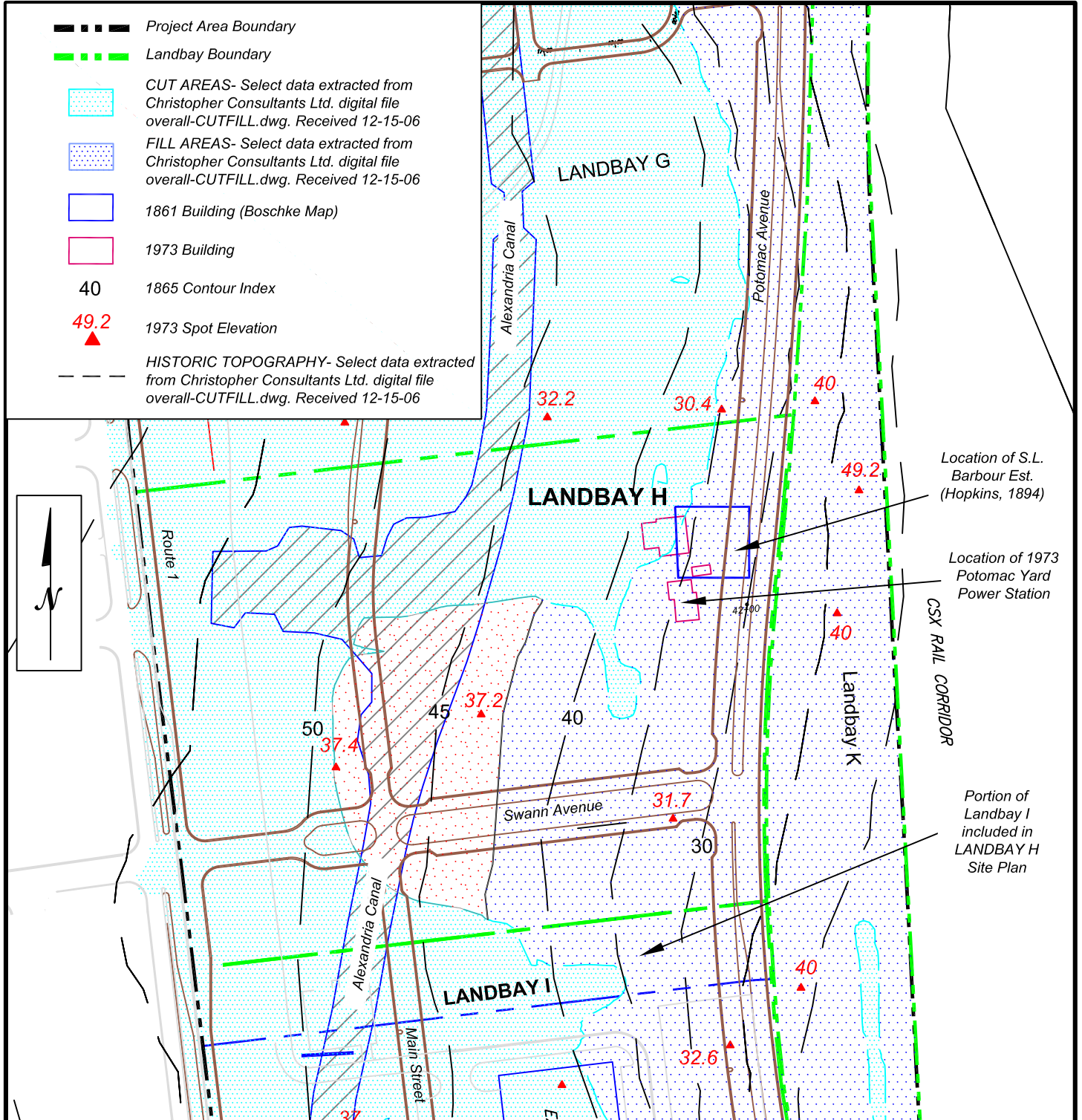
- | | |
|--------------------------------|--|
| 1. Photographs: | .jpg. |
| 2. Line Drawings: | .gif or .jpg as appropriate. |
| 3. Final Report/Public Summary | Word, PageMaker and/or PDF |
| 4. Oral History | Word |
| 5. Catalogue: | Word, Access or Excel |
| 6. Other Written material: | Word, Access, Excel, PageMaker or PDF as appropriate |



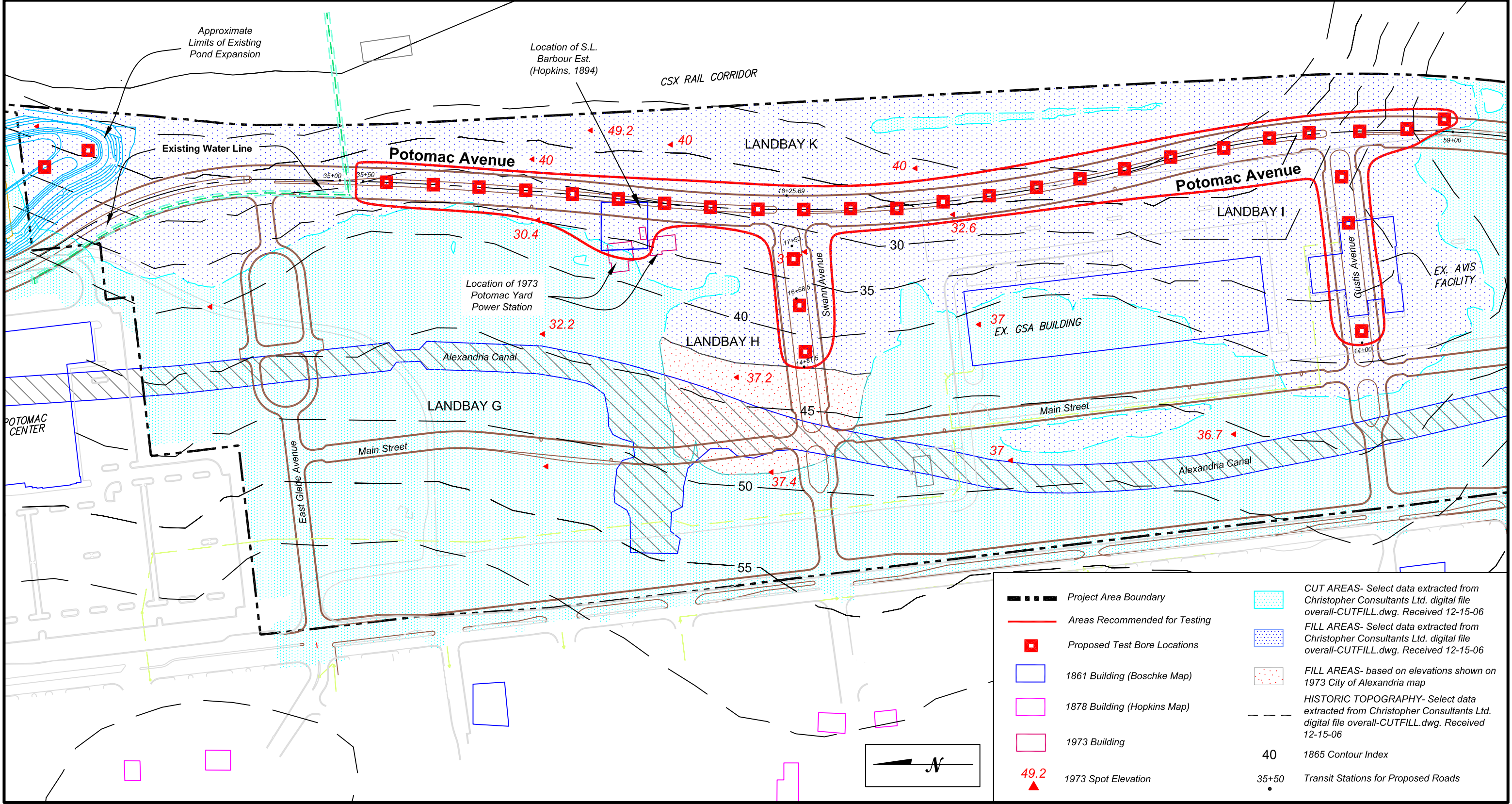
Potomac Avenue and Associated East/West Roads- Northern Portion: Potential Historic Resources
Potomac Yard - WSSI #21486.01
Scale: 1" = 250'



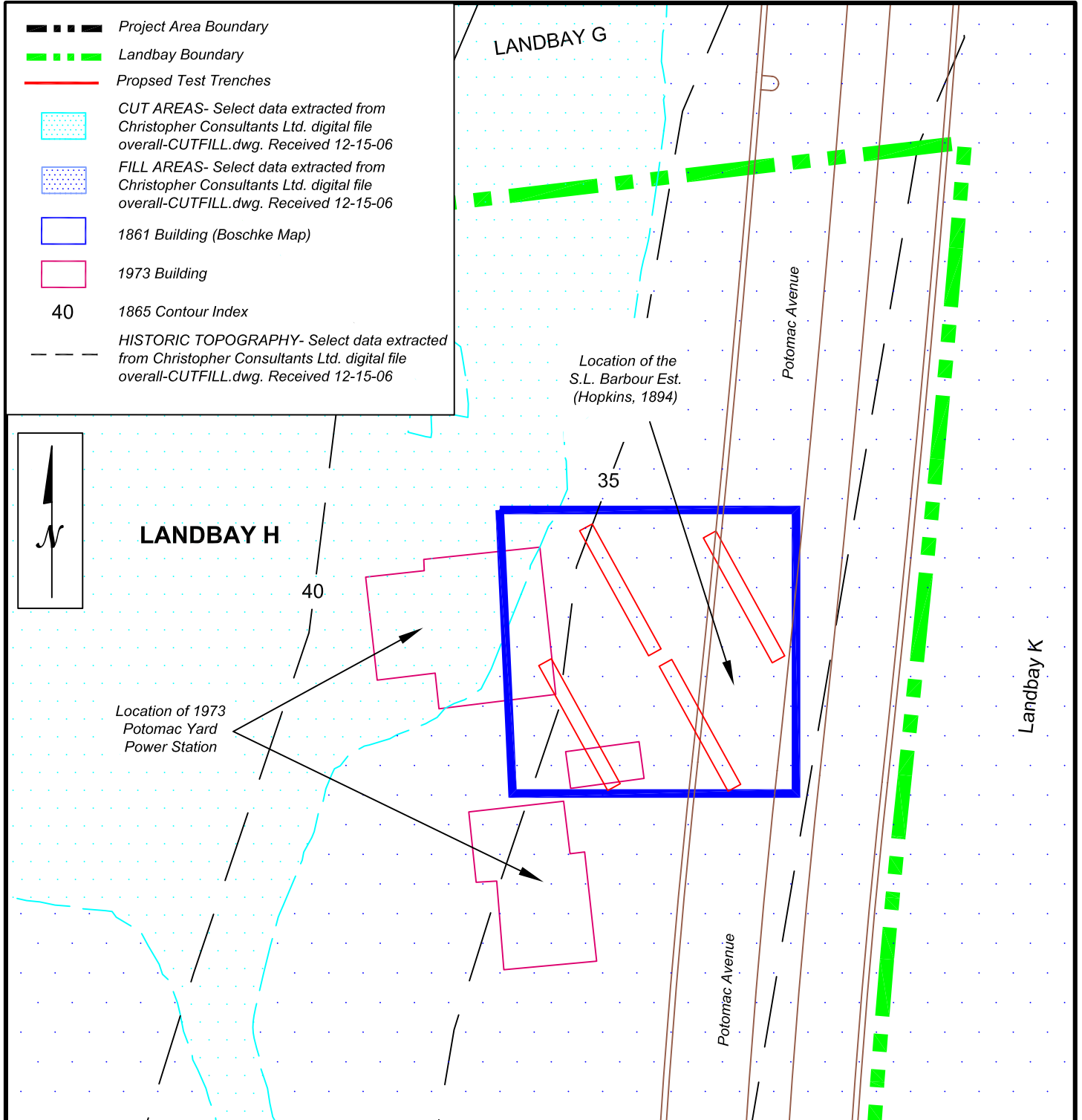
Potomac Avenue and Associated East/West Roads - Southern Portion: Potential Historic Resources
Potomac Yard - WSSI #21486.01
Scale: 1" = 250'



LANDBAY H: Potential Historic Resources
Potomac Yard - WSSI #21486.01
Scale: 1" = 200'



Potomac Avenue and East/West Roads - Proposed Geomorphological Bore Locations
Potomac Yard - WSSI #P4399
Scale: 1" = 200'



**Location of Proposed Backhoe Trenches In Landbay H and Potomac Avenue
Potomac Yard - WSSI #21486.01**

Scale: 1" = 50'

Scope of Work

for

Archeological Investigations of Potomac Yard, Alexandria, Virginia

August 18, 2007

Introduction

Prior to the establishment of Potomac Yard circa 1906, the study area would have been situated along relatively level terraces that drained toward the Potomac River. Historic maps from the early 1860s and 1870s show a stream originating within the southern end of the study area that flowed near the existing Avis facility, and emptied into the marshes above Dangerfield Island. The level ground nearest to this stream has a high probability for containing prehistoric resources; the terraces in the remainder of the study area have a moderate probability for containing prehistoric resources.

As explained in the March 2007 Potomac Yard Resource Management Plan, much of the original topography within Potomac Yard has been modified. The property appears to have been leveled; the higher ground along the western portion of the yard was used to fill the lower ground to the east. Therefore, the terraces within the present study area may have survived buried underneath fill deposits. Geotechnical boring was recommended within a portion of the proposed path of Potomac Avenue in order to identify the presence of these buried surfaces (Mullen and Breckenridge 2007).

Initial Testing

Geotechnical boring within the Potomac Avenue and East/West Roads study area was completed in July 2007 (Exhibit 1). Although the majority of the bore soil profiles revealed various fills ranging in depth from 10-25 feet, a buried paleosol (Ab horizon) was identified in two locations. A buried surface (Ab horizon) was located in one of the three test bores along Swann Avenue. The Ab horizon in the vicinity of Station 17+28.58 was found at an approximate elevation of 31.2 feet a.s.l (see Exhibit 1). Planned construction will not impact this elevation within Swann Avenue and no further archeological work is recommended for this portion of the site plan.

Testing along the southern end of the study area also revealed a buried ground surface, between Stations 53+00 and 58+00, a 500-foot section of Potomac Avenue (see Exhibit 1). The surface ranged from 4 to 14 feet below the current ground surface (Table 1).

TABLE 1: Elevation of Ab horizon within Potomac Avenue Testing

STATION	Stake Elevation	Buried Surface Elevation	Depth below surface (feet)
53+00	37.19	24.39	12.8
54+00	37.35	24.75	12.6
55+00	37.51	24.71	12.8
56+00	37.60	23.60	14.0
57+00	37.53	28.53	9.0
58+00	37.16	32.86	4.3

As this area has a high probability of containing prehistoric resources and a buried ground surface was located, archeological testing is recommended.

Archaeological Testing

All aspects of this investigation will adhere to OSHA regulations and will comply with the *City of Alexandria Archaeological Standards* dated January 1996 and the *Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation*.

The archeological excavation plan consists of the mechanical excavation of three trenches in the southern end of Potomac Avenue in order to evaluate the buried ground surface (Ab horizon) found in this portion of the site (see Exhibit 1). The fill horizons overlying the Ab horizon will be mechanically excavated and will not be screened. Due to the depth of overlying fill horizons and other field constraints, only Trench 1 can be safely expanded in a stepped fashion in order to safely hand excavate one (3 x 3 feet) test unit into the buried ground surface.

The test unit will be excavated stratigraphically and all soil will be screened through 1/4-inch mesh hardware cloth screens. A representative soil profile of the test unit will be drawn; soil colors will be described using the Munsell Soil Color Chart designations. Artifacts will be bagged and labeled by unit number and by soil horizon. The work will be documented with field notes, sketch plans, photographs. Any features encountered will be mapped and made available for inspection by Alexandria Archaeology.

Trenches 2 and 3 will be excavated in the vicinity of Stations 57+00 and 54+00, where the Ab horizon was found approximately 9- 12 feet below the current ground surface (see Exhibit 1). Because of the proximity to the Avis facility parking lot behind the GSA building, these two trenches cannot be safely expanded in a stepped fashion to the required depth, in order to allow for hand evaluation of the Ab horizon. Therefore, we recommend that the soils be mechanically excavated, but screened for the presence of prehistoric materials. The soils will be screened through 1/4-inch mesh hardware cloth screen and artifacts will be bagged and labeled by soil horizon, if possible. The work will be documented with field notes and photographs.

Laboratory Work and Curation

Archaeological artifacts recovered from the project area will be cleaned, cataloged, labeled and packaged in accordance with the guidelines set forth in the *City of Alexandria Archaeological Standards*.

At the conclusion of the project, all original digital images, copies of historical documents, field notes and forms (original copy and a duplicate copy), other field records, as well as the artifacts if they are to be donated to the City, will be delivered to Alexandria Archaeology.

Archaeological collections recovered as a result of the Alexandria Archaeology Resource Protection Code must be curated at a facility which meets Federal standards for archaeological curation and collections management as described by 36CFR Part 79. The Alexandria Archaeology Storage Facility meets these standards, and the property owner is encouraged to donate the artifact collection to the City for curation. The archaeological consultant is responsible for arranging for the donation of the artifacts with the owner and will deliver the artifacts and signed forms to the appropriate storage facility.

Archaeological Evaluation Report

The results of the initial geotechnical boring and the archeological testing will be described in an Archaeological Evaluation Report, which will include the following: a public summary; the results of the archival and documentary research, a map of the project area; a map with unit locations and significant features; a summary of the procedures; results of the field investigation and artifact analysis, including a distribution map or other graphics which indicate potentially significant archaeological areas; an integration of the field and analysis data with the historical record.

When the fieldwork is completed, one copy of the full Archaeological Evaluation Report will be submitted to Alexandria Archaeology as a draft for review. Once the report is approved by the City Archaeologist, revisions will be made, and four copies of it, one unbound with original graphics, will be submitted to Alexandria Archaeology. The report will also be submitted on a CD. All site maps and drawings must be inked or computer-generated so as to produce sharp and clear images that will result in clear photocopies or microfilms.

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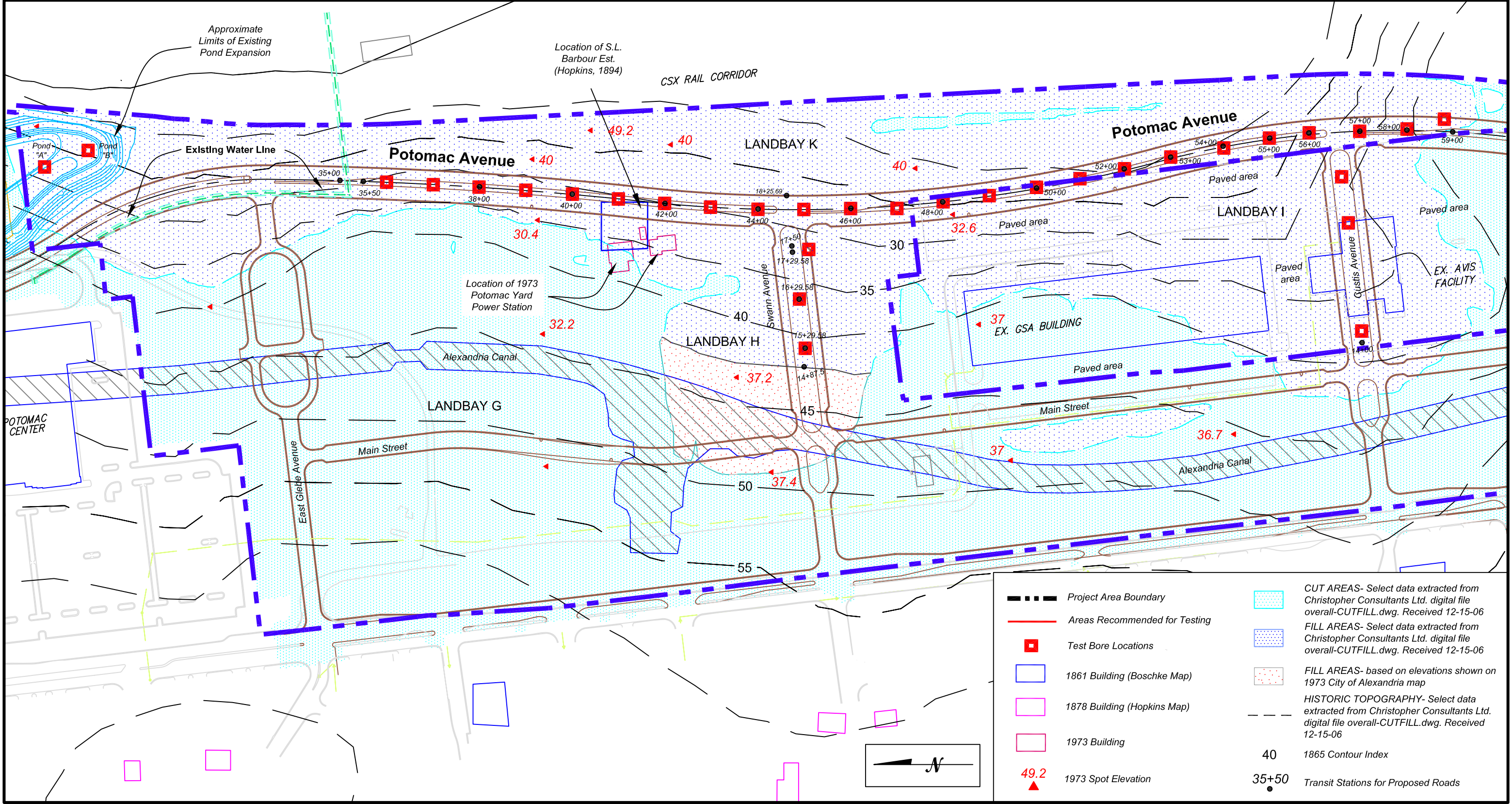
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The following is a summary of the tasks to be completed:

1. Notify Alexandria Archaeology of the field work start date. Conduct the field investigation. Alexandria Archaeology staff will conduct site inspections throughout the course of the field work to facilitate decision making regarding number and placement of units.
2. Process all significant artifacts and complete the analysis.
3. Produce and submit one draft Archaeological Evaluation Report to Alexandria Archaeology, including the public summary document and the text and graphics for the historic marker (if required).
4. Deliver to Alexandria Archaeology four copies and CD of the final report, final versions and CDs of the public summary and historic marker text and graphics, plus all field notes, copies of historic documents, photographs, slides, digital images, cassette tapes, transcriptions, forms and associated records. In addition, arrange for the donation and delivery of the artifacts to an appropriate storage facility. Alexandria Archaeology is the preferred repository and requires a City of Alexandria Deed of Gift form.

Formats for Digital Deliverables:

- | | |
|--------------------------------|--|
| 1. Photographs: | .jpg. |
| 2. Line Drawings: | .gif or .jpg as appropriate. |
| 3. Final Report/Public Summary | Word, PageMaker and/or PDF |
| 4. Oral History | Word |
| 5. Catalogue: | Word, Access or Excel |
| 6. Other Written material: | Word, Access, Excel, PageMaker or PDF as appropriate |



Potomac Avenue and East/West Roads - Areas Recommended for Testing
Potomac Yard - WSSI #21486.01
Scale: 1" = 200'



**Scope of Work
for
Archeological Investigations within
Site 44AX0204, Potomac Yards
Alexandria, Virginia**

February 17, 2009

This scope of work is for archeological investigations of Site 44AX0204 located within the Potomac Yard Development, within the City of Alexandria, Virginia. This work is being done to prior to utility construction that will impact the site, in compliance with the City of Alexandria Archaeological Protection Code.

Site 44AX0204 was first located during mechanical test auguring of a 2500 foot section of the proposed Potomac Avenue alignment. The archeological work was necessitated by the proposed construction of two storm sewers and a sanitary sewer beneath Potomac Avenue. A 72-inch storm sewer is proposed beneath the eastern side of Potomac Avenue, while a second storm sewer (54-inch) and a 24-inch sanitary sewer are proposed beneath the western side of the road.

Although the majority of the auger soil profiles revealed various fills ranging in depth from 10-25 feet, a buried ground surface (Ab horizon) was identified within the southern end of the study area, which had the possibility of containing historic and prehistoric cultural materials. Subsequent Phase I testing resulted in the identification of Site 44AX0204 within this buried ground surface. Site 44AX0204 is a multi-component site and measures approximately 500 by at least 50 feet (Exhibit 1). The site may have extended further to the west at one time, but was likely disturbed by the construction of the AVIS Car rental facility. This has not been verified by archeological testing at this time. Likewise, the eastern limits of the site are unknown; however, the section of the 72-inch storm sewer beneath the eastern side of Potomac Avenue has already been constructed and has impacted the site.

The prehistoric component of the site included quartz, chert and rhyolite flakes and several small fragments of Early Woodland pottery. Although prehistoric artifacts were recovered across the site, they appeared to be concentrated in the northern end of the site. Historic artifacts dating to the 19th century were also recovered and included ceramics, glass, nails, window pane and brick fragments. The historic artifact diversity was greatest in the southern end of the site and was indicative of the presence of a dwelling. Further archeological work was recommended at Site 44AX0204 in concert with the utility construction.



Archeological Investigations

The archeological investigations will be conducted in conjunction with the 24-inch sanitary sewer construction and will involve a combination of archeological monitoring and testing. Site 44AX0204 ranges from 12.5 feet below surface (24 feet in elevation) at the northern end to 3.85 feet below surface (33 feet in elevation) in the south. The utility will be excavated to a depth of 18 feet in elevation beneath the site. The archeological excavation plan consists of investigating two areas within Site 44AX0204 as shown in Exhibit 2.

Block 1

The prehistoric concentration located in Trenches 2-4 (Station 53+50 to 54+50) measures approximately 150 by 50 feet and will be investigated *in concert* with the excavation of the 24-inch sanitary sewer trench. The trench will be excavated in 15-20 foot sections; a section of pipe will be laid and the trench backfilled before excavating the next 15-20 foot section. The sides of the trench will be shored with a series of trench boxes stacked on top of each other. The trench boxes measure 8 feet high by approximately 15 feet in length and the estimated width of the trench itself will be six feet.

Given the relative depth of the buried surface of the archeological site (roughly 10-12 feet below surface) between Stations 53 + 50 and 54 + 50, the archeological work must be conducted within trench boxes. As it will difficult and time consuming (i.e. costly) to place the trench boxes first to access the archeological site safely, then remove them, excavate to the base of the utility trench and replace the trench boxes, for the pipe fitters, Thunderbird proposes testing the site on a staggered basis.

Beginning at Station 54+65, the archeologists will excavate four to six shovel (4-6) test pits, followed thereafter by the excavation of two to three (2-3) shovel test pits every 45 feet (Exhibit 3). This testing interval will greatly reduce the time and costs of placing test boxes twice in the same location: at a higher elevation for the archeologists to test this site, and at the lowest elevation for the construction of the utility pipe. The purpose of the shovel testing is to determine the nature of the soils and refine the artifact distribution within this portion of the site. The maximum number of excavated STPs will be twelve (12).

A maximum of three 3 by 3 foot test squares will be excavated within the block, at areas of artifact concentration. However, additional test units may be necessary to explore any prehistoric features encountered. All significant prehistoric features (such as a hearth) will be fully excavated in the area to be disturbed.

Block 2

Block 2 will be opened in the region between Trenches 9-11 (Station 57+00 to 58+00). This area yielded a concentration of historic artifacts with functional variety, suggesting that a building was present in this area. The length of this excavation block will measure 120 feet in

length; the width of the block will be dictated by the proposed utility impacts, but will not be wider than 20 feet (Exhibit 4).

The topsoil will be mechanically removed in order to expose the top of the underlying subsoil to look for the presence of features. If significant features are encountered (excluding deep shaft features), this Scope of Work calls for their evaluation and if deemed necessary, excavation. The buried ground surface is much shallower in this area (roughly 4 feet below surface), which will facilitate hand excavation if needed. The significance of features will be determined in consultation with Alexandria Archaeology. The cost proposal does not include the excavation of any "deep shaft" features, i.e. wells or privies, which may be encountered. Depending on the size and nature of these features, this may be added as an additional service.

Test Square Excavations: The test squares will be excavated stratigraphically by natural layer and the soil screened through a 1/4-inch mesh. Artifacts will be bagged by stratigraphic level and the work documented with field notes, sketch plans, profiles and digital photographs. Any features encountered will be mapped and made available for inspection by Alexandria Archaeology.

Laboratory Work and Curation

Archeological artifacts recovered from the project area will be cleaned, stabilized (if necessary), cataloged, labeled and packaged in accordance with the guidelines set forth in the City of Alexandria Archeological Standards. Organic materials that may require conservation may be recovered; however, **the cost proposal will not include conservation services**. Conservation may be added as an additional service.

At the conclusion of the project, all original photographs, digital images, copies of historical documents, field notes and forms, other field records, as well as the artifacts if they are to be donated to the City, will be delivered to Alexandria Archaeology. Archeological collections recovered as a result of the Alexandria Archaeology Resource Protection Code must be curated at a facility which meets Federal standards for archeological curation and collections management as described by 36CFR Part 79. The Alexandria Archaeology Storage Facility meets these standards, and the property owner is encouraged to donate the artifact collection to the City for curation. The archeological consultant is responsible for arranging for the donation of the artifacts with the owner and will deliver the artifacts and signed forms to the appropriate storage facility.

Archeological Evaluation Report

The Archeological Evaluation Report will include the following: a map of the project area; a map with unit locations and significant features; a summary of the procedures; results of the field investigation and artifact analysis, including a distribution map or other graphics which indicate potentially significant archeological areas; an integration of the field and analysis data with the historical record; and recommendations for additional work, if needed.

If the investigation results in the discovery of significant features which will require additional archeological work, a Resource Management Plan can be written as a letter report to Alexandria Archaeology. The Resource Management Plan will present a strategy, scope of work (including a map indicating locations of proposed work in relation to completed tests).

When the fieldwork is completed, one copy of the full Report will be submitted to Alexandria Archaeology as a draft for review. Once the report is approved by the City Archaeologist, revisions will be made, and four copies of it, one unbound with original graphics, will be submitted to Alexandria Archaeology. The report will also be submitted on a CD. All site maps and drawings must be inked or computer-generated so as to produce sharp and clear images that will result in clear photocopies or microfilms.

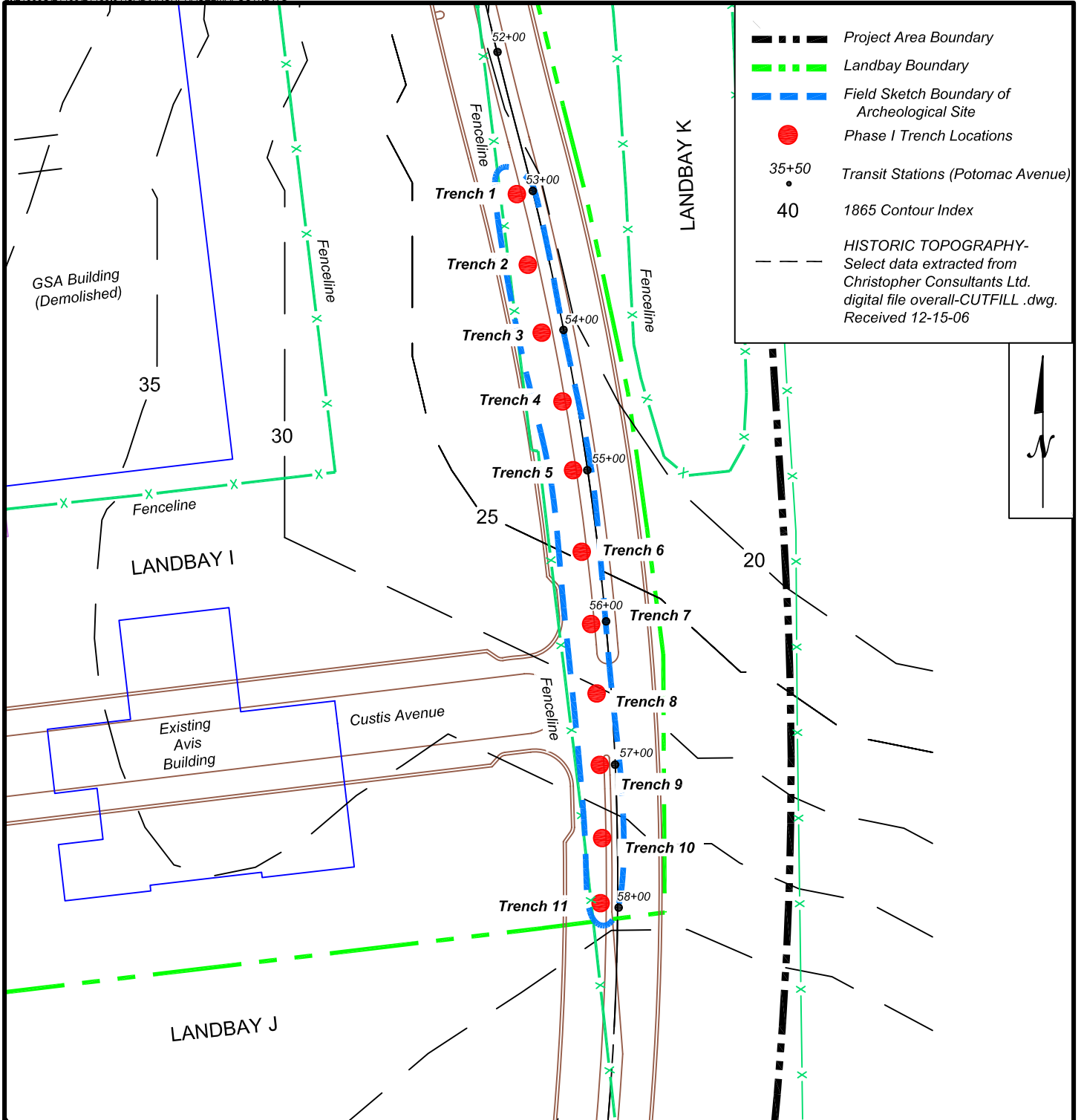
Public Interpretation

The information obtained from the current archeological investigations will be reported in one combined Public Summary with the results of the earlier archeological testing. A draft of the summary should be submitted to Alexandria Archaeology for review. Upon approval, a master copy (hard copy as well as on CD or computer disk) will be submitted to Alexandria Archaeology. The summary and graphics should also be e-mailed to Alexandria Archaeology for publication on our web site.

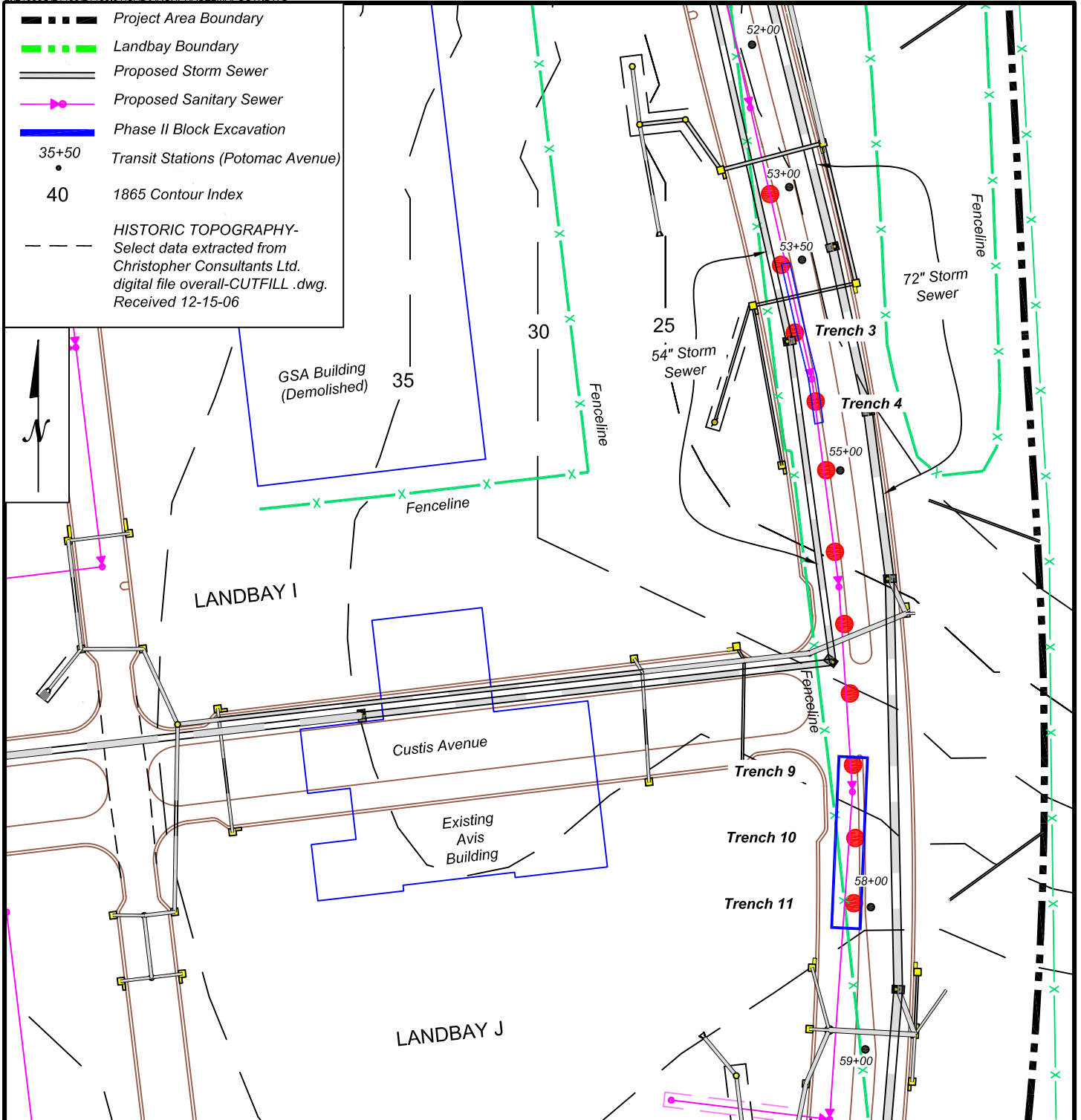
Tasks

The following is a summary of the tasks to be completed:

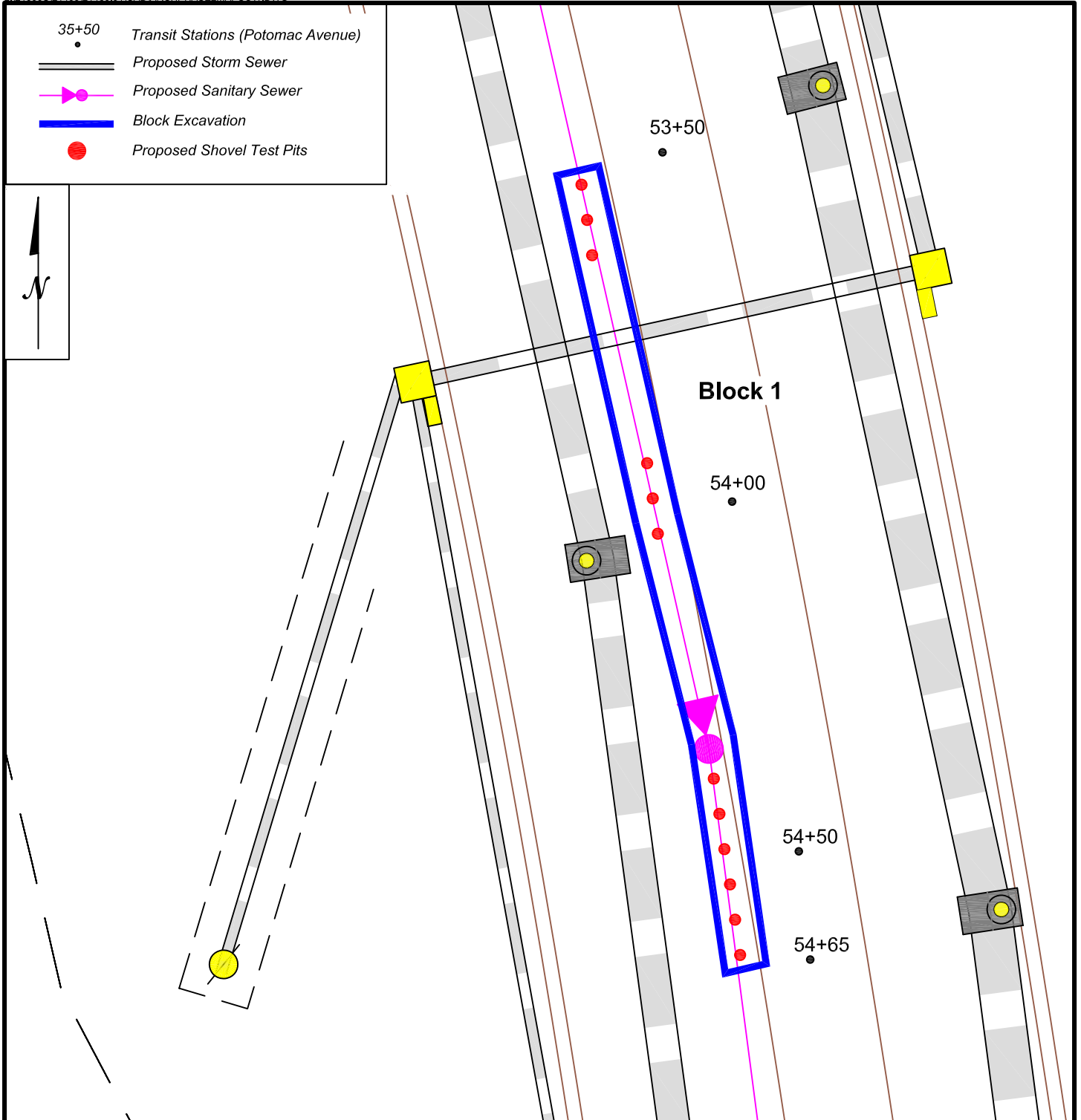
1. Conduct the field investigation. Notify Alexandria Archaeology of the start date. Alexandria Archaeology staff will conduct site inspections throughout the course of the field work.
2. Process all significant artifacts.
3. Produce and submit a draft Archeological report to Alexandria Archaeology, including the public summary document and the text and graphics for the historic marker, if required. If further archeological investigations are necessary, the evaluation report can be a letter report to accompany the Resource Management Plan with the final report and marker text produced after all field work is completed.
4. Make required revisions requested by Alexandria Archaeology and deliver to Alexandria Archaeology four copies of the final report, plus all field notes, photographs and slides, and records. In addition, arrange for the donation and delivery of the artifacts to an appropriate storage facility.



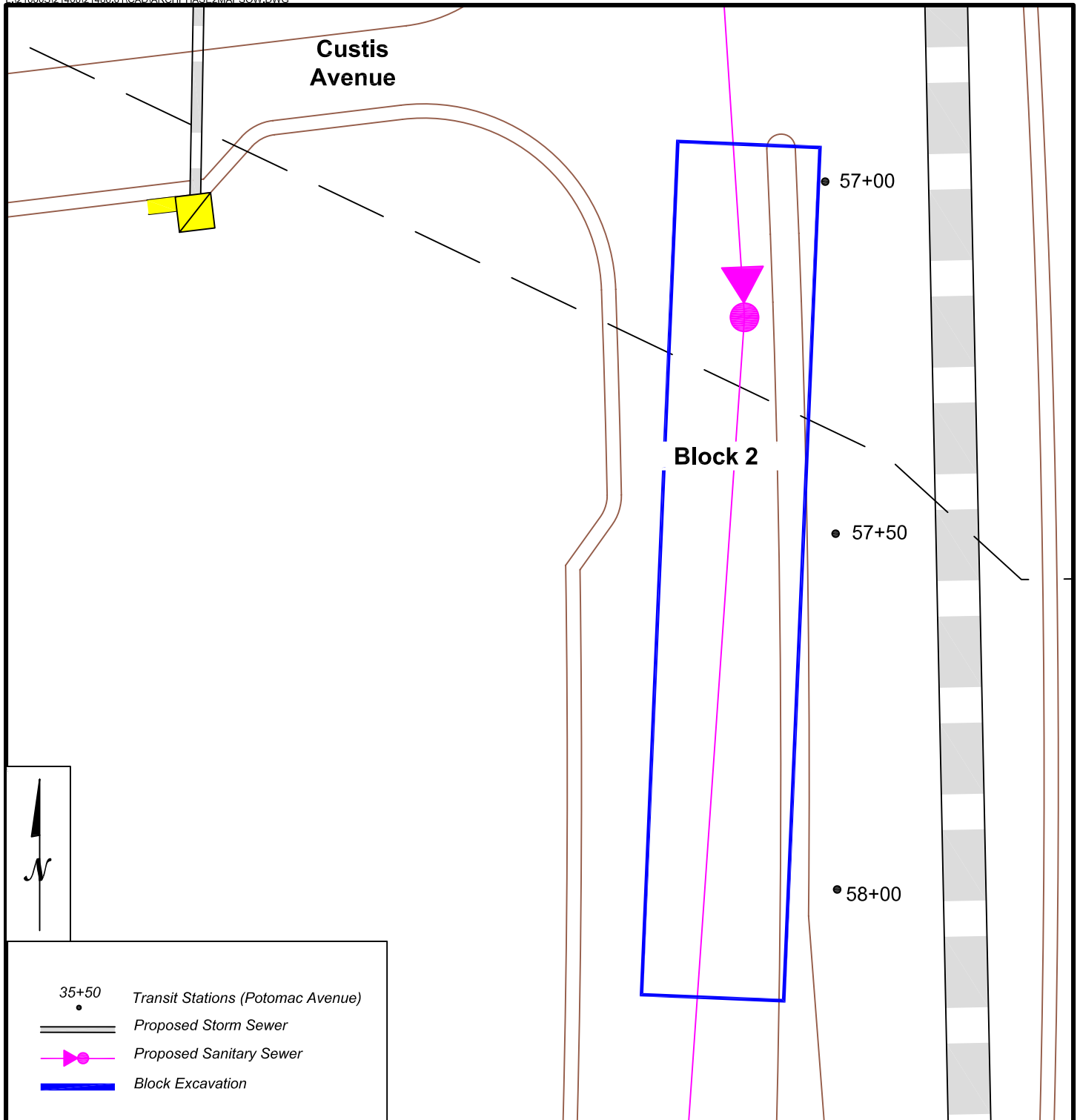
**Location of Phase I Test Trenches within Site 44AX0204
Potomac Yard - WSSI #21486.01
Scale: 1" = 100'**



**Proposed Location of Phase II Block Excavation and Proposed Utilities
Potomac Yard - WSSI #21486.01
Scale: 1" = 100'**



Proposed Location of Block 1 Testing and Proposed Utilities
Potomac Yard - WSSI #21486.01
Scale: 1" = 20'



Proposed Location of Block 1 Testing and Proposed Utilities
Potomac Yard - WSSI #21486.01
Scale: 1" = 20'

APPENDIX II

Soil Bore Profiles

Test Bore GP 1 (Station 36+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 5.5		Various fill horizons with gravel and cinder
5.5 - 6.3		[2.5YR 5/4] light olive brown silty clay and silty clay loams
6.3 - 10.0		[2.5YR 6/2] light brownish gray and [2.5YR 5/4] light olive brown sands

Test Bore GP 2 (Station 37+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 12.2		Various fill horizons with gravel and cinder
12.2 - 14.2		[2.5YR 5/4] light olive brown silty loam and [10YR 5/6] yellowish brown sandy clay loam
14.2 - 20.0		[2.5YR 5/2] grayish brown sand; [2.5YR 5/6] light olive brown sand and [10YR 5/4] yellowish brown sand

Test Bore GP 3 (Station 38+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 5.6		Various fill horizons with brick, rock and mortar
5.6 - 14.2		Fill horizons
14.2 - 20.0		[2.5YR 5/2] grayish brown sand; [2.5YR 5/6] light olive brown sand and [10YR 5/4] yellowish brown sand

Test Bore GP 4 (Station 39+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 3.9		Crushed asphalt, cinder and gravel
3.9 - 14.2		Fill horizons
14.2 - 20.0		[2.5YR 5/2] grayish brown sand; [2.5YR 5/6] light olive brown sand and [10YR 5/4] yellowish brown sand

Test Bore GP 5 (Station 40+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 4.5		Various fill horizons with gravel, cinder and brick
4.5 - 6.7		Compact sandy clay fills
6.7 - 10.0		[10YR 5/1 gray sand; [2.5Y 5/3] light olive brown and [2.5Y 5/4] light olive brown sand and sandy clays
10.0 - 15.0		Alternating bands of [7.5YR 5/8] strong brown wet sand and [2.5Y 4/1] dark gray sandy clay loam

Test Bore GP 6 (Station 41+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 4.5		Various fill horizons with gravel, cinder and brick
4.5 - 6.7		Compact sandy clay fills
6.7 - 10.0		[10YR 5/1 gray sand; [2.5Y 5/3] light olive brown and [2.5Y 5/4] light olive brown sand and sandy clays
10.0 - 12.6		[7.5YR 5/8] strong brown wet sand
12.6 - 13.8		[2.5Y 4/1] dark gray sandy clay loam
13.8 - 13.9		[7.5YR 5/8] strong brown wet sand
13.9 - 15.0		[2.5Y 4/1] dark gray sandy clay loam

Test Bore GP 7 (Station 42+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 4.5		Various fill horizons with gravel, cinder and brick
4.5 - 6.7		Compact sandy clay fills
6.7 - 10.0		[10YR 5/1] gray sand; [2.5Y 5/3] light olive brown and [2.5Y 5/4] light olive brown sand and sandy clays
10.0 - 12.6		[7.5YR 5/8] strong brown wet sand
12.6 - 13.8		[2.5Y 4/1] dark gray sandy clay loam
13.8 - 13.9		[7.5YR 5/8] strong brown wet sand
13.9 - 15.0		[2.5Y 4/1] dark gray sandy clay loam

Test Bore GP 8 (Station 43+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 7.2		Various fill horizons
7.2 - 11.4		[10YR 4/4] dark yellowish brown; [2.5Y 5/2] grayish brown; [7.5YR 5/8] strong brown Alternating bands of sand and sandy loams
11.4 - 14.5		Alternating bands of [2.5Y 5/3] light olive brown sandy loam and [7.5YR 5/8] yellowish brown wet coarse sand
14.5 - 15.0		[2.5Y 4/1] dark gray silty loam

Test Bore GP 9 (Station 44+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 7.2		Various fill horizons
7.2 - 13.4		Alternating bands of [2.5Y 4/3] olive brown and [2.5Y 5/3] light olive brown sand with [2.5Y 5/2] grayish brown silty clay loam
13.4 - 14.0		Alternating bands of [10YR 6/6] brownish yellow sand with [10YR 4/6] dark yellowish brown coarse sand with pebbles

Test Bore GP 10 (Station 45+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 8.0		Various fill horizons
8.0 - 15.0		Alternating bands of [2.5Y 4/3] olive brown and [2.5Y 5/3] grayish brown sand with [2.5Y 5/2] grayish brown silty clay loam

Test Bore GP 11 (Station 46+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 9.0		Various fill horizons
9.0 - 19.4		Alternating bands of [2.5Y 5/3] light olive brown; [2.5Y 5/2] grayish brown; and [7.5YR 5/8] strong brown sands and clays
19.4 - 22.7		Alternating bands of [2.5Y 5/3] light olive brown and [10YR 5/4] yellowish brown sandy clay
22.7 - 24.0		Alternating bands of [10YR 4/4] dark yellowish brown and [7.5YR 4/6] dark yellowish brown fine to coarse sands

Test Bore GP 12 (Station 47+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 7.2		Various fill horizons
7.2 - 9.7		Alternating bands of [10YR 6/3] pale brown sands and clays
9.7 - 16.1		Alternating bands of [10YR 5/3] brown; [10YR 4/6] dark yellowish brown; and [10YR 5/8] yellowish brown sands
16.1 - 20.0		Alternating bands of [10YR 5/4] yellowish brown sand with [2.5Y 5/3] light olive brown and [10YR 5/8] yellowish brown clay mottles

Test Bore GP 16 (Station 51+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 7.7		Various fill horizons
7.7 - 14.1		Alternating bands of [2.5Y 5/3] light olive brown; [2.5Y 5/2] grayish brown; and 10YR 5/8] yellowish brown sands and clays
14.1 - 15.0		Alternating band of [2.5YR 4/4] olive brown; [10YR 4/4] dark yellowish brown clay

Test Bore GP 17 (Station 52+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 12.8		Various fill horizons
12.8 - 13.3	Ab horizon	[2.5Y 4/2] dark grayish brown sand
13.3 - 13.5	E horizon	[2.5Y 5/3] light olive brown sandy loam
13.5 - 13.9	B/C horizon	[10YR 5/8] yellowish brown sandy clay
13.9 - 16.4	B/C horizon	[10YR 5/8] yellowish brown sandy clay mottled with [2.5Y 5/6] light olive brown sandy clay
16.4 - 23.6	B horizon	[5YR 4/3] reddish brown silty clay with iron oxide and manganese banding
23.6 - 25.0	B/C horizon	[5YR 4/6] yellowish red sand with some clay content

Test Bore GP 18 (Station 53+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 12.8		Various fill horizons
12.8 - 13.3	Ab horizon	[2.5Y 4/2] dark grayish brown sand
13.3 - 13.5	E horizon	[2.5Y 5/3] light olive brown sandy loam
13.5 - 13.9	B/C horizon	[10YR 5/8] yellowish brown sandy clay
13.9 - 16.4	B/C horizon	[10YR 5/8] yellowish brown sandy clay mottled with [2.5Y 5/6] light olive brown sandy clay
16.4 - 23.6	B horizon	[5YR 4/3] reddish brown silty clay with iron oxide and manganese banding
23.6 - 25.0	B/C horizon	[5YR 4/6] yellowish red sand with some clay content

Test Bore GP 19 (Station 54+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 12.6		Various fill horizons
12.6 - 13.1	Ab horizon	[10YR 4/4] dark yellowish brown sandy loam
13.1 - 13.4	A/C horizon	[10YR 4/6] dark yellowish brown sand
13.4 - 13.7	A/C horizon	[10YR 5/4] yellowish brown sand
13.7 - 14.0	A/C horizon	[2.5Y 6/4] light yellowish brown sand
14.0 - 15.6	B/C horizon	[2.5Y 6/2] light brownish sandy clay mottled with [2.5Y 5/6] light olive brown sandy clay
15.6 - 15.9	C horizon	[7.5YR 4/3] brown sand
15.9 - 16.4	B/C horizon	[5YR 4/6] yellowish red sand with some clay content
16.4 - 16.8	C horizon	[7.5YR 4/3] brown sand
16.8 - 20.0		Various B/C horizons

Test Bore GP 20 (Station 55+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 12.8		Various fill horizons
12.8 - 13.3	Ab horizon	[2.5Y 4/2] dark grayish brown sand
13.3 - 13.6	Ab horizon	[2.5Y 5/2] grayish brown sandy loam
13.6 - 13.8	E horizon	[2.5Y 5/3] light olive brown sandy clay loam
13.8 - 16.1	B/C horizon	[2.5Y 5/2] grayish brown sandy clay mottled with [2.5Y 6/8] olive yellow sandy clay
16.1 - 17.0	B/C horizon	[2.5Y 6/1] gray sandy clay
17.0 - 19.0	B/C horizon	various B/C horizons
19.0 - 20.0	C horizon	[7.5YR 4/3] brown sand

Test Bore GP 21 (Station 56+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 14.0		Various fill horizons
14.0 - 14.35	Ab horizon	[2.5Y 3/2] very dark grayish brown sandy loam
14.35 - 14.45	E horizon	[2.5Y 4/2] dark grayish brown sandy loam
14.45 - 17.0	C horizon	[10YR 5/8] yellowish brown sandy clay
17.0 - 18.1	C horizon	various C horizons
18.1 - 19.5	B/C horizon	
19.5 - 20.0	C horizon	[7.5YR 4/3] brown sand

Test Bore GP 22 (Station 57+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 9.1		Various fill horizons
9.1 - 9.5	Ab horizon	[2.5Y 4/2] dark grayish brown sandy loam
9.5 - 9.9	Ab horizon	[2.5Y 5/2] grayish brown sandy loam
9.9 - 12.6	C horizon	[2.5Y 5/3] light olive brown sand
12.6 - 13.7	C horizon	[2.5Y 7/1] light gray sand mottled with [2.5Y 6/8] olive yellow sand
13.7 - 20.0	B/C horizons	various B/C horizons and C horizons

Test Bore GP 23 (Station 58+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 4.35		Various fill horizons
4.35 - 4.8	Ab horizon	[2.5Y 4/2] dark grayish brown sandy loam
4.8 - 4.9	E horizon	[2.5Y 5/3] light olive brown sandy loam
4.9 - 8.0	B horizon	[7.5YR 5/8] strong brown sandy clay
8.0 - 10.0	C horizon	Various C horizons

Test Bore GP 24 (Station 59+00)

Depth (feet)	Soil Horizon	Soil Description
0 - 5.0		Various fill horizons
5.0 - 13.0		Alternating bands of sands
13.0 - 15.0		Alternating bands of sands and sandy clays

Test Bore GP 25 (Station 17+29.58)

Depth (feet)	Soil Horizon	Soil Description
0 - 16.8		Various fill horizons
16.8 - 17.7	Ab horizon	[2.5Y 5/2] grayish brown sand
17.7 - 18.4	Ab horizon	[2.5Y 6/2] light grayish brown sandy loam
18.4 - 19.4	C horizon	[10YR 5/8] yellowish brown sand
19.4 - 20.0	B/C horizon	[10YR 5/8] yellowish brown sand mottled with [10YR 7/1] light gray clay

Test Bore GP 26 (Station 16+29.58)

Depth (feet)	Soil Horizon	Soil Description
0 - 25.0		Various fill horizons

Test Bore GP 27 (Station 14+29.58)

Depth (feet)	Soil Horizon	Soil Description
0 - 25.0		Various fill horizons

Test Bore GP 28 (Pond B)

Depth (feet)	Soil Horizon	Soil Description
0 - 10.0		Various fill horizons
10.0 - 15.0		Various clay fill horizons
15.0 - 25.0		Various clay fill horizons, evidence of gleying

Test Bore GP 29 (Pond A)

Depth (feet)	Soil Horizon	Soil Description
0 - 14		Various fill horizons
14 - 16.7		[7.5YR 4/4] brown sandy clay
16.7 - 18.0		[2.5Y 5/6] light olive brown sandy clay fill
18.0 - 18.7		[2.5Y 4/2] dark grayish brown silty clay loam
18.7 - 20.0		[2.5Y 5/1] gray clay
20.0 - 25.0		Various clay fill horizons, evidence of gleying

APPENDIX III
Cultural Resource Form

City/County: Alexandria

**DEPARTMENT OF HISTORIC RESOURCES
ARCHAEOLOGICAL REPORT**

DHR ID#: 44AX0204

DHR Site Number: 44AX0204

Other DHR Number:**Resource Name:**

Temporary Designation: PYD1

Site Class: Terrestrial, open air

CULTURAL/TEMPORAL AFFILIATION

Cultural Designation

Euro-American

Native American

Temporal Designation

19th Century

Woodland

THEMATIC CONTEXTS/SITE FUNCTIONS

Thematic Context: Domestic

Example: Camp

Comments/Remarks:

Thematic Context: Domestic

Example: Dwelling, single

Comments/Remarks:

Although no buildings are depicted on historic maps in the vicinity of the site, the diversity of artifact types suggests the presence of a nearby dwelling.

LOCATION INFORMATION

USGS Quadrangle(s): ALEXANDRIA

Restrict UTM Data?	No
--------------------	----

Center UTM Coordinates (for less than 10 acres): NAD 18/4297140/321135/2

NAD ZONE EAST NORTH

Boundary UTM Coordinates (for 10 acres or more):

NAD	ZONE	EAST	NORTH
-----	------	------	-------

Physiographic Province: Coastal Plain

Aspect: Flat

Elevation (in feet): 28.00

Slope: 0-2%

Landform: urban

Drainage: Potomac/Shenandoah River

Nearest Water Source: Cameron Run

Distance to Water(in feet): 4,000

Site Soils: Silty Loam

Adjacent Soils:

SITE CONDITION/SURVEY DESCRIPTION

City/County: Alexandria

Site Dimensions: 250 feet by 175 feet

Acreage: 1.00

Survey Strategy: Subsurface Testing

Site Condition: Site deliberately buried
Unknown Portion of Site Destroyed

Threats to Resource: Development

Survey Description:

Archeological testing interval and methodology was established in consultation with Alexandria Archaeology and outline in a Scope of Work.

The site was initially located through 100 foot intervals test boring using a Geoprobe® Model 7720DT. The location of each bore was mapped and documented with field notes. Next, trenches were excavated at 50 foot intervals by machine backhoe in order to archeologically sample the soils. The Phase I trenches measured approximately one bucket width, or roughly four feet in width, and were excavated to an approximate depth of 13 feet below the surface. A small sample of the buried ground surface was screened through 1/4-inch mesh hardware cloth screen. Finally, after the fill overburden was removed without screening at one end of the site, a (3' by 3') test unit was hand excavated into the buried ground surface. The soils were removed stratigraphically and all soil was screened through 1/4-inch mesh hardware cloth screen.

2009: Additional testing within a portion of the site was necessitated by the construction of a 24-inch sanitary sewer. Additional shovel test pits were hand excavated and revealed that the entire site was plowed. Additionally, a portion of the plow zone was stripped within the sewer trench to look for the presence of features.

Soil profiles were recorded with soil descriptions noted in standard soil terminology (A, Ap, B, C, etc.). Soil colors were described using the Munsell Soil Color Chart designations. Artifacts were bagged and labeled by test pit (or test unit) number and by soil horizon. All work was documented with field notes and photographs.

CURRENT LAND USE

Land Use: Other

Example:

Dates of Use: 2008/07/01

Comments/Remarks:

The site is located within the site of the former Potomac Yard and is currently undergoing redevelopment.

SPECIMENS, FIELDNOTES, DEPOSITORIES

Specimens Obtained? Yes

Specimens Depository: Thunderbird Archeology - WSSI, Gainesville, VA

Assemblage Description:

City/County: Alexandria

2007 testing:

Ceramics

1 kaolin
3 soft paste porcelain
2 tin glazed earthenware (1700-1800, South 1977)
5 creamware (1762-1820, South 1977; Miller 1992)
19 pearlware (1780-1830, South 1977; Miller 1992)
28 whiteware (1820-1900+, South 1977; Miller 1992)
1 ironstone (1840-1900+, Miller 1992)
6 yellowware (1830-1940, Miller 1992)
1 Rockingham/Bennington (1800-1912, Miller 1992; 1845-1900+, Magid 1990)
15 refined white earthenware
1 buff bodied earthenware
7 redware
5 stoneware

Glass

1 bottle, contact mold (1810-1880)
20 bottle, bottle/jar
27 unidentified
2 windowpane, potash (pre-1864)
1 windowpane, potash/soda (pre-1864)

Metal

10 nail, cut (post-1790)
10 unidentified ferrous metal

Miscellaneous

1 bone
132 brick
1 mortar
9 shell
5 coal
1 cinder
2 slate

Prehistoric

10 quartz, flakes
1 quartz, flake fragments
1 quartz, chunk
1 quartzite, flake
1 quartzite, shatter
1 rhyolite, flake
2 chert, flake
16 quartz tempered Early Woodland ceramics (1000 B.C.-250 B.C.)

2009 Testing:

Ceramics

1 hard paste porcelain
1 tin glazed earthenware (1700-1800)
7 whiteware (1820-1900+)
4 ironstone (1840-1900+)
10 refined white earthenware
2 buff bodied earthenware
3 redware
1 stoneware

City/County: Alexandria

Glass

20 bottle, bottle/jar, tableware
1 bottle, contact mold (1810-1880)
2 bottle/jar, clear manganese (1880-1915)
8 unidentified glass

Metal

1 nail, wrought
6 nail, cut (post-1790)
5 nail, unidentified

Miscellaneous

4 bone
8 brick
29 cinder
64 coal
18 oyster shell

Prehistoric

1 chert decortication flake
1 chert biface thinning flake
1 jasper biface thinning flake
1 quartz primary reduction flake
1 quartz preform

Total Site 549

Specimens Reported? Yes

Assemblage Description--Reported:

Field Notes Reported? Yes

Depository: Thunderbird Archeology - WSSI, Gainesville, VA

REPORTS, DEPOSITORY AND REFERENCES

Report (s) ? Yes **Depository:**

DHR Library Reference Number:

Reference for reports and publications:

Draft: "Archeological Investigations within a Portion of Potomac Avenue and Associated East/West Roads and of Site 44AX0204.
Potomac Yard Property, City of Alexandria, Virginia". William Barse, Ph.D. and John Mullen, M.A. April 2009.

PHOTOGRAPHIC DOCUMENTATION AND DEPOSITORY

Photographic Documentation?	Depository	Type of Photos	Photo Date
	Thunderbird Archeology- WSSI, Gainesville, Virginia	Digital	2009/04/99
	Thunderbird Archeology- WSSI, Gainesville, Virginia	Digital	2007/10/99

CULTURAL RESOURCE MANAGEMENT EVENTS

Cultural Resource Management Event:	Survey:Phase I/Reconnaissance	Date: 2007/10/23
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City/County: Alexandria

Organization and Person:

Organization: Thunderbird Arch

First:

Last:

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Cultural Resource Management Event: Survey:Phase I/Reconnaissance	Date: 2009/04/99
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Organization and Person:

Organization: Thunderbird Arch

First: John

Last: Mullen

Sponsor Organization:

DHR Project Review File No:

CRM Event Notes or Comments:

Additional work was conducted on the site in 2009, necessitated by utility construction through the site. The testing revealed that the entire site had been plowed - and no historic or prehistoric features were located beneath the plowzone within the sanitary sewer corridor.

INDIVIDUAL/ORGANIZATION/AGENCY INFORMATION

Individual Category Codes:

Owner of property

Honorif: **First:** Unknown

Last: Unknown

Suffix:

Title:

Company/ Potomac Yard Development LLC

Agency:

Address: 2501 Jefferson Davis Highway

City: Alexandria

State: Virginia

Zip: 22301

Phone/Ext: - -

- -

Notes:

Ownership Type: Private

Government Agency:

City/County: Alexandria

APPENDIX IV
Artifact Inventory

**POTOMAC YARDS ADDITIONAL ARCHEOLOGICAL TESTING
ARTIFACT INVENTORY**

SITE 44AX0204

Trench 01, Station 53 + 00, Apb horizon

Prehistoric

- 1 chert biface thinning flake, whole, no cortex
- 1 chert primary reduction flake, proximal, no cortex
- 1 quartz biface thinning flake, whole, no cortex

Trench 02, Station 53 + 50, Apb horizon

Glass

- 1 unidentified light aqua sherd, flat
- 1 windowpane sherd, potash/soda (pre-1864)

Prehistoric

- 1 quartzite biface thinning flake, proximal, no cortex
- 1 quartzite shatter fragment

Trench 03, Station 54 + 00, Apb horizon

Ceramics

- 1 kaolin pipe bowl and stem fragment
- 1 redware sherd, black glazed
- 1 yellowware sherd, undecorated, stained/burned (1830-1940, Miller 1992)

Glass

- 1 clear cylindrical bottle/jar sherd, textured pattern
- 3 clear cylindrical bottle/jar sherds, scratched
- 3 light aqua cylindrical bottle/jar sherds, scratched/stained
- 1 olive green cylindrical bottle sherd, burned
- 3 unidentified light aqua sherds, flat

Metal

- 1 cut nail fragment (post-1790)

Miscellaneous

- 1 bone fragment
- 1 brick fragment, 0.2 grams
- 1 coal fragment
- 5 oyster shell fragments, 12.6 grams

Prehistoric

- 1 quartz biface thinning flake, whole, no cortex

Trench 04, Station 54 + 50, Apb horizon

Ceramics

- 1 American Rockingham/Bennington sherd (1800-1912, Miller 1992; 1845-1900+, Magid 1990)
- 1 redware sherd, brown glazed
- 1 redware sherd, white glazed
- 1 tin glazed earthenware, undecorated (1700-1800, South 1977)
- 1 tin glazed earthenware, unidentified polychrome decoration (1700-1800, South 1977)

- 1 whiteware sherd, black maker's mark "...LEM..." (1820-1900+, South 1977; Miller 1992)
- 2 whiteware sherds, undecorated (1820-1900+, South 1977; Miller 1992)
- 1 yellowware sherd, undecorated, base fragment (1830-1940, Miller 1992)

Glass

- 2 clear cylindrical bottle/jar sherds
- 3 light aqua cylindrical bottle/jar sherds
- 3 unidentified light aqua sherds, flat, scratched/stained

Metal

- 1 cut nail fragment (post-1790)

Miscellaneous

- 8 brick fragments, 26.6 grams
- 1 cinder fragment
- 1 coal fragment
- 1 mortar fragment, 2.1 grams
- 3 oyster shell fragments, 3.1 grams

Prehistoric

- 16 crumbs, quartz tempered, undecorated, Early Woodland (1000 B.C.-250 B.C.)
- 1 quartz biface thinning flake, whole, no cortex
- 2 quartz biface thinning flakes, medial, cortex lateral margin
- 1 quartz chunk
- 1 quartz flake fragment
- 1 quartz primary reduction flake, whole, cortex proximal

Trench 05, Station 55 + 00, Apb horizon

Ceramics

- 1 redware sherd, brown glazed
- 1 yellowware sherd, undecorated, stained (1830-1940, Miller 1992)

Glass

- 1 light aqua cylindrical bottle/jar sherd, scratched
- 1 unidentified clear sherd, flat, scratched

Miscellaneous

- 4 brick fragments, 2.1 grams
- 1 coal fragment

Trench 07, Station 56 + 00, Apb horizon

Glass

- 1 windowpane sherd, potash (pre-1864)

Metal

- 2 cut nail fragments (post-1790)

Trench 08, Station 56 + 50, Apb horizon

Ceramics

- 1 refined white earthenware sherd, brown transfer printed, burned
- 1 refined white earthenware sherd, undecorated, rim fragment, burned
- 2 refined white earthenware sherds, undecorated, burned
- 1 refined white earthenware spall

Glass

- 1 unidentified light green sherd, flat
- 1 unidentified light green sherd, heavily heat melted

Miscellaneous

- 3 brick fragments, 1.2 grams

Prehistoric

- 1 quartz decortification flake, proximal

Trench 09, Station 57 + 00, Apb horizon

Ceramics

- 1 refined white earthenware sherd, unidentified blue decoration, heavily burned
- 2 refined white earthenware sherds, undecorated, heavily burned

Glass

- 2 clear cylindrical bottle/jar sherds, scratched
- 2 unidentified light aqua sherds, scratched/stained
- 1 unidentified olive green sherd, flat, stained

Metal

- 1 cut nail fragment (post-1790)

Miscellaneous

- 4 brick fragments, 1.3 grams

Trench 10, Station 57 + 50, Apb horizon

Ceramics

- 1 grey and red bodied coarse stoneware sherd, unglazed interior, salt glazed exterior
- 1 grey bodied coarse stoneware sherd, unglazed interior, salt glazed exterior
- 1 refined white earthenware sherd, undecorated, heavily burned
- 1 refined white earthenware spall

Glass

- 1 unidentified light aqua sherd, flat, scratched

Miscellaneous

- 11 brick fragments, 3.4 grams

Prehistoric

- 1 quartz biface thinning flake, proximal, no cortex
- 1 quartz biface thinning flake, whole, no cortex
- 1 quartz primary reduction flake, whole, cortex proximal

Trench 11, Station 58 + 00, Test Unit 1, Apb horizon

Ceramics

- 1 buff bodied earthenware, unglazed interior
- 5 creamware sherds, undecorated (1762-1820, South 1977; Miller 1992)
- 1 grey bodied coarse stoneware sherd, unglazed interior, brown salt glazed exterior
- 1 grey bodied coarse stoneware sherd, unglazed interior, salt glazed exterior
- 1 grey bodied coarse stoneware sherd, unglazed interior, salt glazed exterior, base fragment
- 1 ironstone sherd, undecorated, rim fragment (1840-1900+, Miller 1992)
- 1 pearlware sherd, unidentified polychrome decoration
- 16 pearlware sherds, undecorated (1780-1830, South 1977; Miller 1992)
- 2 pearlware sherds, unidentified blue decoration
- 1 redware sherd, brown glazed
- 2 redware sherds, black glazed, scratched/worn
- 1 refined white earthenware sherd, unidentified blue decoration
- 1 refined white earthenware sherd, unidentified green decoration
- 3 refined white earthenware spalls
- 3 soft paste porcelain sherds, undecorated, stained
- 1 whiteware sherd, blue transfer printed, rim fragment (1820-1900+, South 1977; 1830-1865+, Miller 1992)
- 1 whiteware sherd, mulberry transfer printed (1820-1900+, South 1977; 1825-1875+, Miller 1992)
- 1 whiteware sherd, polychrome transfer printed (1820-1900+, South 1977; 1825-1875+, Miller 1992)
- 1 whiteware sherd, unidentified blue decoration (1820-1900+, South 1977; Miller 1992)
- 1 whiteware sherd, unidentified polychrome decoration, stained
- 3 whiteware sherds, blue transfer printed (1820-1900+, South 1977; 1830-1865+, Miller 1992)
- 17 whiteware sherds, undecorated (1820-1900+, South 1977; Miller 1992)
- 1 yellowware sherd, white annular decoration (1830-1940, Miller 1992)
- 2 yellowware sherds, undecorated (1830-1940, Miller 1992)

Glass

- 1 clear cylindrical bottle/jar sherd, scratched
- 1 light green cylindrical bottle sherd
- 1 olive green cylindrical bottle sherd, contact mold (1810-1880)
- 1 olive green cylindrical bottle sherd, scratched
- 1 olive green cylindrical bottle sherd, scratched/stained
- 1 unidentified greenish-grey sherd, flat, stained/scratched
- 5 unidentified light aqua sherds, flat
- 7 unidentified light green sherds, flat, scratched
- 1 windowpane sherd, potash (pre-1864)

Metal

- 5 cut nail fragments (post-1790)
- 10 unidentified ferrous metal fragments

Miscellaneous

- 101 brick fragments, 127.5 grams
- 2 coal fragments
- 1 oyster shell fragment, 4.4 grams
- 2 slate fragments

Prehistoric

- 1 rhyolite biface thinning flake, whole, no cortex

SITE 44AX0204 Additional Testing

Block 1, General Surface Collection, Apb horizon

Ceramics

- 2 ironstone sherds, undecorated, stained/burned (1840-1900+, Miller 1992)

Miscellaneous

- 1 brick fragment, 140.8 grams

Prehistoric

- 1 chert decortication flake, whole, 7.4 mm x 6.0 mm
- 1 quartz preform, stemmed or side-notched projectile point

Block 1, Station 54 + 65, STP 01, Apb horizon

Glass

- 1 honey amber cylindrical bottle sherd, patinated

Miscellaneous

- 1 brick fragment, 0.7 grams
- 4 coal fragments
- 1 oyster shell fragment, 0.1 grams

Block 1, Station 54 + 60, STP 02, Apb horizon

Ceramics

- 1 refined white earthenware sherd, burned
- 1 refined white earthenware spall

Glass

- 2 clear manganese cylindrical bottle/jar sherds, scratched (1880-1915)
- 1 unidentified clear spall

Metal

- 1 cut 12d nail, machine headed (post-1830)
- 1 cut nail fragment (post-1790)
- 1 wrought 4d nail, rosehead, spatulate tip

Miscellaneous

- 1 bone fragment
- 8 cinder fragments
- 8 coal fragments
- 1 oyster shell fragment, 0.1 grams

Prehistoric

- 1 gray chert biface thinning flake, proximal

Block 1, Station 54 + 55, STP 03, Apb horizon

Ceramics

- 1 red bodied coarse stoneware sherd
- 1 redware sherd, unglazed interior and exterior
- 1 redware sherd, unglazed interior and exterior, base fragment
- 4 refined white earthenware sherds, burned

Glass

- 1 clear cylindrical bottle/jar sherd
- 2 unidentified light green sherds, flat, stained
- 1 unidentified very pale green sherd, flat, patinated

Miscellaneous

- 10 cinder fragments
- 15 coal fragments

Block 1, Station 54 + 50, STP 04, Apb horizon

Ceramics

- 1 buff bodied earthenware, brown glazed interior and exterior, burned/stained
- 1 refined white earthenware sherd, rim fragment, burned
- 6 whiteware sherds, undecorated, burned (1820-1900+, South 1977; Miller 1992)

Glass

- 2 clear cylindrical bottle/jar sherds, stained
- 1 light aqua cylindrical bottle/jar sherd, scratched, patinated
- 1 pale aqua cylindrical bottle/jar sherd, patinated

Metal

- 1 cut nail fragment, machine headed (post-1830)

Miscellaneous

- 1 brick fragment, 15.7 grams
- 7 cinder fragments
- 8 coal fragments
- 3 oyster shell fragments, burned, 25.4 grams

Block 1, Station 54 + 45, STP 05, Apb horizon

Ceramics

- 1 refined white earthenware sherd, undecorated, stained/burned
- 1 whiteware sherd, undecorated, burned/stained (1820-1900+, South 1977; Miller 1992)

Glass

- 1 clear cylindrical bottle/jar sherd, stained
- 1 light green cylindrical bottle sherd, stained
- 1 pale green cylindrical bottle sherd, stained
- 1 unidentified clear spall

Miscellaneous

- 2 brick fragments, 4.3 grams
- 2 cinder fragments
- 7 coal fragments

Block 1, Station 54 + 40, STP 06, Apb horizon

Ceramics

- 1 buff bodied earthenware sherd, black glazed interior and exterior
- 2 ironstone sherds (mend), undecorated, base fragments, stained

Glass

- 1 unidentified clear spall
- 1 unidentified color cylindrical bottle sherd, ribbed, stained, patinated

Miscellaneous

- 1 coal fragment

Prehistoric

- 1 jasper biface thinning flake, proximal

Block 1, Station 54 + 35, STP 07, Apb horizon

Glass

- 2 clear cylindrical bottle/jar sherds, scratched/stained
- 1 honey amber cylindrical bottle sherd, patinated

Metal

- 1 unidentified nail fragment

Miscellaneous

- 1 bone fragment
- 3 coal fragments
- 2 oyster shell fragments, burned, 0.9 grams

Block 1, Station 54 + 00, STP 08, Apb horizon

Ceramics

- 1 refined white earthenware sherd, burned

Glass

- 1 honey amber cylindrical bottle sherd
- 1 light aqua cylindrical bottle/jar sherd

Miscellaneous

- 4 coal fragments
- 4 oyster shell fragments, three burned, 7.2 grams

Prehistoric

- 1 quartz primary reduction flake, proximal

Block 1, Station 53 + 95, STP 09, Apb horizon

Glass

- 1 pale aqua cylindrical bottle/jar sherd, patinated

Miscellaneous

- 1 brick fragment, 1.0 grams
- 1 coal fragment
- 2 oyster shell fragments, burned, 3.3 grams
- 1 quartz primary reduction flake, proximal

Block 1, Station 53 + 90, STP 10, Apb horizon

Metal

- 1 cut nail fragment, burned (post-1790)
- 3 unidentified nail fragments

Miscellaneous

- 1 cinder fragment
- 1 coal fragment
- 3 oyster shell fragments, 2.0 grams

Block 1, Station 53 + 60, STP 11, Apb horizon

Glass

- 1 light aqua cylindrical bottle/jar sherd

Miscellaneous

- 1 bone fragment
- 6 coal fragments

Block 1, Station 53 + 55, STP 12, Apb horizon

Ceramics

- 1 hard paste porcelain sherd, shadow decal decoration, rim fragment (1890-present, Miller 1992)
- 1 refined white earthenware sherd, burned
- 1 tin glazed earthenware sherd, blue hand painted decoration (1700-1800, South 1977)

Glass

- 1 unidentified light green sherd, flat, scratched/stained

Miscellaneous

- 1 bone fragment
- 2 coal fragments
- 2 oyster shell fragments, 1.0 grams

Block 1, Station 53 + 50, STP 13, Apb horizon

Ceramics

- 1 redware sherd, black glazed interior and exterior

Glass

- 2 clear cylindrical bottle/jar sherds, scratched, patinated
- 1 clear cylindrical tableware sherd, rounded rim fragment, scratched
- 1 honey amber cylindrical bottle sherd, contact mold, patinated (1810-1880)
- 1 unidentified light aqua sherd, flat

Metal

- 2 cut nail fragments, machine headed, burned (post-1830)
- 1 unidentified nail fragment

Miscellaneous

- 2 brick fragments, 0.5 grams
- 1 cinder fragment
- 4 coal fragments

