

Phase 1B Cultural Resource Monitoring of the Path Project –
Bartow-Pell Mansion, Bronx (Bronx County), New York,
Contract Number: X039-108M



Final Report

Prepared for:

City of New York - Department of Parks and Recreation
Olmstead Center; Queens, New York

City of New York - Landmarks Preservation Commission
New York, New York

and

The Historic House Trust –
City of New York - Department of Parks and Recreation
New York, New York

Prepared by:

Alyssa Loorya, M.A., R.P.A., Principal Investigator
and Christopher Ricciardi, Ph.D., R.P.A.
Chrysalis Archaeological Consultants, Inc.
October 2008

Submitted to:

UA Construction

Brooklyn, New York 112

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MANAGEMENT SUMMARY

During October 2008, Chrysalis Archaeological Consultants (Chrysalis) undertook cultural resource monitoring of excavation leading from the Bartow-Pell Mansion to the existing main drive in Pelham Bay Park, Bronx, New York (Project Number: X039-108M). The construction was undertaken by UA Construction (UA) at the request of the City of New York Department of Parks and Recreation (Parks) Chrysalis was hired to undertake the archaeological monitoring. Chrysalis staff on site included Alyssa Loorya, M.A., R.P.A., Principal Investigator, and Diane George, M.A..

Bartow-Pell Mansion is a National Historic Landmark and a New York City Landmark. The Cultural Resource Request for Proposal called for archaeological monitoring of subsurface excavation work due to the historic nature of the property and the cultural resource sensitivity demonstrated by previous archaeological excavations.

Parks' Scope of Work called for monitoring during excavation for the replacement of the existing path. The driveway area was approximately one hundred thirty (130) feet long by twelve (12) feet wide and excavated to a depth of approximately eighteen (18) inches. Excavation was conducted using mechanical and manual means.

No significant stratigraphic levels, in situ cultural deposits or material remains were recovered from the excavation area. The project area was disturbed by the construction of earlier paths.

It is recommendation of this report that no further cultural resource monitoring and/or testing occur, or be required, within this specific project area. Although Pelham Bay Park retains a high level of integrity and potential for the recovery of Native American and historic remains, the specific project area has been disturbed excavation for earlier paths and the likelihood of uncovering significant remains from this specific area is limited.

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ACKNOWLEDGEMENTS

The authors wish to thank Nick Aleynick and Oded Horodniceanu of UA Construction and the City of New York - Department of Parks and Recreation for the chance to work on this project. Meredith Sorin, Property Manager of the Historic House Trust of New York City, was most helpful in providing project area information. We would also like to thank Diane George, CAC's Field Technician for her work. Finally, UA's construction crew of Christi, Mike, Kevin and Damien were professional and accommodating throughout the project.

I. Introduction:

During October 2008, Chrysalis Archaeological Consultants (Chrysalis) undertook cultural resource monitoring of the excavation for a path replacement leading from the Bartow-Pell Mansion to the existing main drive and gravel path leading to the Carriage House in Pelham Bay Park, Bronx, New York (Image 01). At the request of the City of New York Department of Parks and Recreation (Parks), UA Construction (UA) was contracted to complete the project, Parks Project Number was: X039-108M, and Chrysalis was asked to undertake the archaeological monitoring. Chrysalis staff on site included Alyssa Loorya, M.A., R.P.A., Principal Investigator, and Diane George, M.A..

The Cultural Resource Request for Proposal called for archaeological monitoring of subsurface excavation work due to the historic nature of the property and the cultural resource sensitivity demonstrated by previous archaeological excavations. Bartow-Pell Mansion is a National Historic Landmark and a New York City Landmark.

Parks' Scope of Work called for monitoring of the excavation for the replacement path. The excavation measured approximately one hundred thirty (130) feet in length, twelve (12) feet in width and to a depth of approximately eighteen (18) inches. Excavation was conducted using both mechanical and manual methods.

II. Background History:

Parks' Scope of Work did not require a Phase IA Documentary Report for this project; therefore, no documentary research was undertaken.

However the history and archaeology of the Pelham Bay Park area, and the immediate area adjacent to the Bartow-Pell Mansion has been documented in several reports (Boesch 1996; Brooklyn College Archaeological Research Center 1993; Bolton 1922; Historical Perspectives 1985; Parker 1922; Schuldenrein 2007). Several online sites also discuss the history of the area including the Bartow-Pell Mansion's official web site: <http://bartowpellmansionmuseum.org>.

The request from Parks to undertake archaeological monitoring of the project was directed by previous experiences within the Park. The area was a known Native American occupation area with many late nineteenth/early twentieth century advocational archaeologists describing various finds within the area. They surveyed and excavated several sites with the area. The most recent archaeological project was a monitoring project during the replacement of a septic tank in 2007 (Schuldenrein 2007).

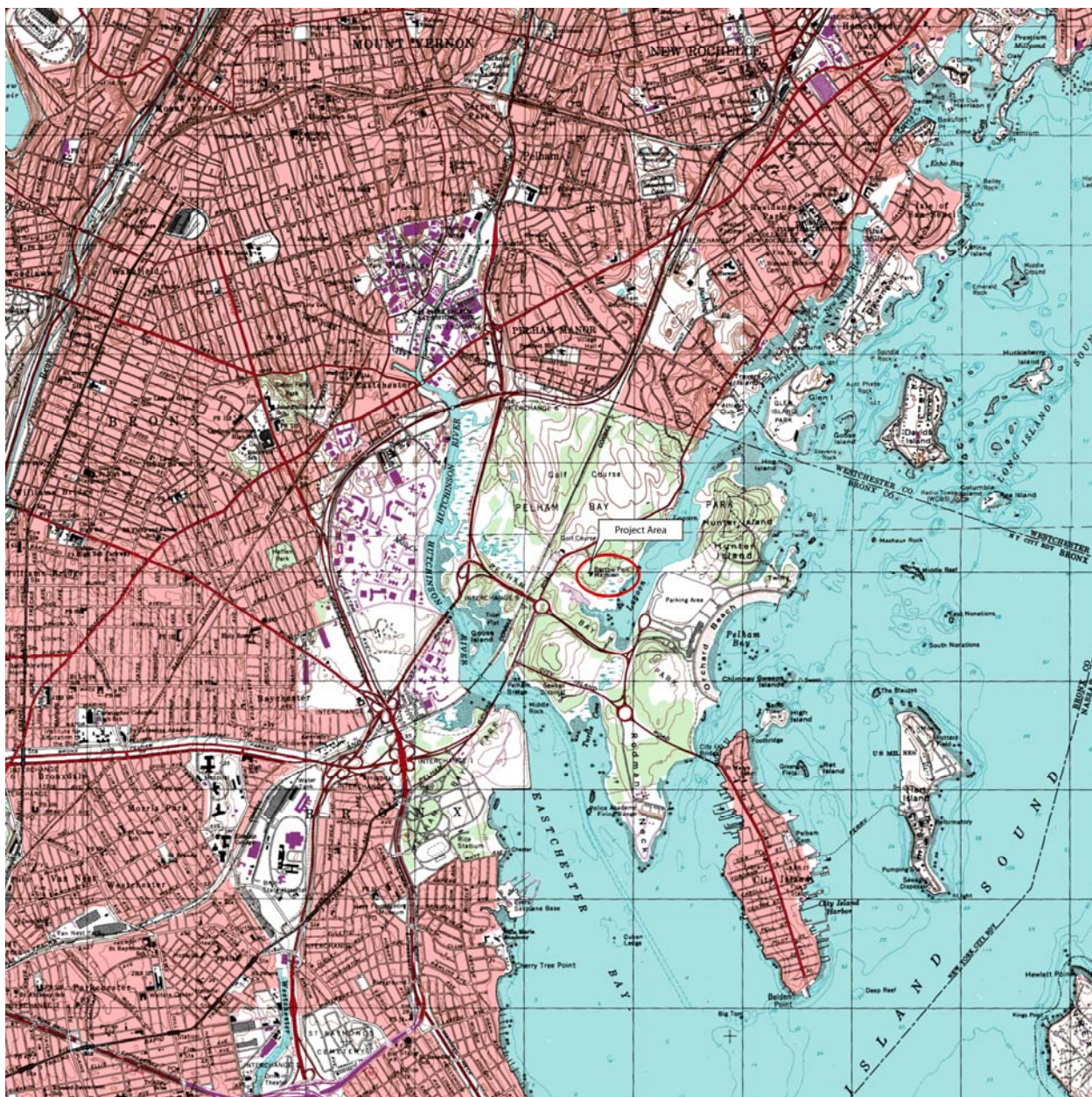


Image 01: Project Area (courtesy USGS 1999)

III. 2004 Archaeological Monitoring Report:

The goal of this capital project was the installation of a curved drive that extends from the Bartow-Pell Mansion to the existing main drive and gravel roadway that extends to the Carriage House (Image 02). This would replace the existing wood chip covered area (Image 03).

Overall excavation did not extend past eighteen (18) inches except at the foot of the path, at its junction with the main drive. In this area, a fifteen (15) foot long, three (3) foot wide area was excavated to a depth of two (2) feet for drainage (Image 04).

The stratigraphic record of the excavation area consisted of a top soil beneath a two to three (2-3) inches layer of wood chips. This extended to a total depth of approximately five (5) inches followed by an orange-tan sandy clay with some pebbles mixed throughout (Image 05 and 06). Beneath this was an earlier asphalt path. Underneath that, the foundation for the asphalt path, clean, yellowish sand, was uncovered. Metal edging, associated with the earlier path, was removed. Further images of the excavation project can be viewed in Appendix C.

At the start of the path, closets to the Mansion, an approximately four (4) foot section of iron pipe was uncovered within twelve (12) inches of the surface. Running in a diagonal orientation from the Mansion toward the main drive, it appears to have been an abandoned water line.

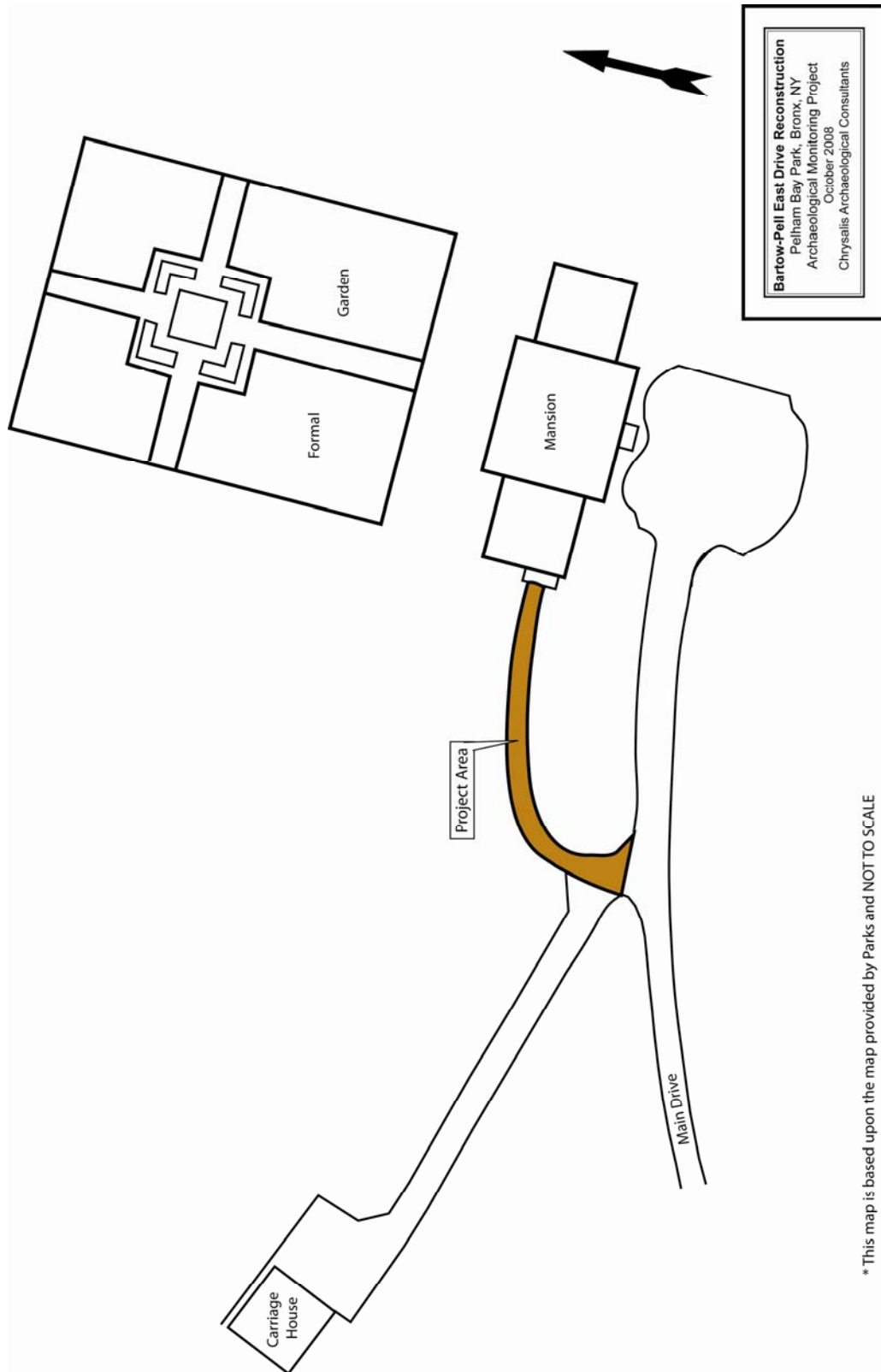


Image 02: Site Map



Image 03: Previous wood-chip path that was removed for new path



Image 04: Excavated path – looking towards the Mansion

Several artifacts were uncovered throughout the excavation area. However, all were from mixed/disturbed contexts and could not provide significant information on previous uses.

Among these were five coins (three Greek, one Yugoslavian and one French) dating between 1972 and 1986. These were likely dropped by previous contractors or visitors to the area. Brick fragments, three pieces of coal and asphalt were also in the area of the previous path. Some ceramics, including twentieth century redware and porcelain, along with one shard of a brown glazed redware and one shard of whiteware were also recovered.



Image 05: Excavation of top soil – looking towards Carriage House

Fragmented remains of previous construction materials including burlap, metal edging, sand, likely used as an underlayment for the previous path, and wood edging were recovered as well.



Image 06: Completed pathway excavation

IV. Conclusions and Recommendations

No significant stratigraphic levels or in situ cultural resource materials or other deposits were recovered from the excavation area. The project area was previously disturbed by the construction of the previous path(s) and excavation did not occur to a significant depth that could recover potential earlier resources.

Pelham Bay Park retains a high level of integrity and potential for the recovery of Native American and historic remains. The specific project area has been disturbed by multiple pathway constructions and the likelihood of uncover significant remains within this disturbed areas is unlikely.

However, there is no evidence for, or against, disturbance of the area below two (2) feet. Therefore, it is recommendation of this report that no further cultural resource monitoring and/or testing occur, or be required, within this specific project area within two (2) feet of the installed surface.

V. References:

Architectural Preservation Consultants.

- 1980 Historic Structure Report: The Bartow-Pell Stable.
Report on file: City of New York Landmarks Preservation Commission, New York, New York.

Boesch, Eugene J.

- 1996 Archaeological Evaluation and Sensitivity Assessment of the Prehistoric and Contact Period Aboriginal History of the Bronx, New York. For: The New York City Landmarks Preservation Commission. Report on file: City of New York Landmarks Preservation Commission, New York, New York.

Brooklyn College Archaeological Research Center.

- 1993 Bartow-Pell Mansion – Carriage House Report.
Report on file – Brooklyn College Archaeological Research Center. Brooklyn College, Brooklyn, New York.

Bolton, Reginald.

- 1922 Indian Paths of the Great Metropolis. Indian Notes and Monographs, Miscellaneous Series, 23. Museum of the American Indian, Heye Foundation. New York, New York.

Hagstrom Corporation.

- 2002 Map of the City of New York. Hagstrom Corporation, New York, New York.

Historical Perspectives, Inc.

- 1985 Bartow-Pell Estate Carriage House Site Archaeological Report. For: The International Garden Club and Beyer Blinder Belle. Report on file: City of New York Landmarks Preservation Commission, New York, New York.

Parker, Arthur C.

- 1922 Archaeological History of New York. New York State Museum Bulletin Numbers 235-236. Albany, New York.

Schuldenrein, Joel.

- 2007 Summary Report: Archaeological Monitoring Activities – Bartow-Pell Mansion, Pelham Bay Park, Bronx, New York. Report on file: City of New York Landmarks Preservation Commission, New York, New York.

United States Geological Service.

- 1999 Flushing Map
USGS. Washington, DC

Appendix A:
Archaeological Scope of Work

CHRYSLIS **ARCHAEOLOGICAL** CONSULTANTS
Cultural Resource Specialists



July 17, 2008

Nicholas Aleynick
UA Construction
71 West 23rd Street
New York, NY 10010
Phone: 212-414-1708
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Cell: 917-807-4799
Email: nicka@urbitrans.com

RE: Cultural Resource (Archaeological) Monitoring Proposal for
Bartow-Pell Mansion; Bronx, New York (X039-108M)

Dear Mr. Aleynick:

Thank you for requesting a Cultural Resource Monitoring Proposal from Chrysalis Archaeological Consultants, Incorporated (CAC), for the Bartow-Pell Mansion Site; Bronx, New York (City of New York Department of Parks and Recreation Project Number: X039-108M). CAC is a fully licensed and insured, female owned, small business holding membership with the Register of Professional Archaeologists (RoPA). We are listed on the approved list of Cultural Resource Management (CRM) firms for the New York State Office of Parks, Recreation and Historic Preservation (NY SHPO) and the New York City Landmarks Preservation Commission (LPC). Having worked within the field of CRM for over a decade, CAC has completed numerous projects of this type for NY SHPO and the LPC.

According to Request for Proposal, Item Number 9 (Archaeological Monitoring) from City of New York Department of Parks and Recreation Project Number: X039-108M (Parks), overall the work item calls for Archaeological Monitoring, production of a draft and final report, including one (1) set of Mylar site maps. Work will be undertaken on site, at the Bartow-Pell Mansion, Bronx, New York and off site (for the writing and production of the reports and maps).

However, it should be noted that in Item Number 9 there are provisions for potential tasks that may go beyond the current Request for Proposal.

If significant material remains are uncovered, specialists may need to be hired. On page 30 (Archaeological Monitoring of Construction Excavation) states that a field crew may be necessary if significant materials are uncovered. Further in the summary report on page 30, it also states that hiring specialists may be required based on specific situations. Both of these additional hires/expenditures are allowable upon the approval of Parks.

4110 Quentin Road Brooklyn, New York 11234-4322
Phone/Fax: (718) 645-3962 • Mobile: (347) 922-5581
info@chrysalisarchaeology.com • www.chrysalisarchaeology.com

Based on our knowledge of the project area, having previously worked at Bartow-Pell in the early 1990s, it is not anticipated that excavation and/or the necessity of outside specialists will be required. However, CAC is prepared with an on-call staff to meet these needs, if necessary.

This proposal includes information regarding specialists in the event that unforeseen issues arise.

CAC is prepared to undertake the monitoring of the site early to mid August 2008.

Finally, I am attaching my resume for your records and review. This outlines the information requested on page 31 (Submittals) of the Request for Proposal, including References, Past work, etc.

If you have any questions with regard to this proposal please contact me at the number(s) listed above.

Once again, thank you for the opportunity to submit this proposal and I hope that we can, once again, work together on this project.

Sincerely,

Alyssa Loorya

Alyssa Loorya, M.A., R.P.A.
President

Appendix B:
Other Site Maps (provided by Parks)

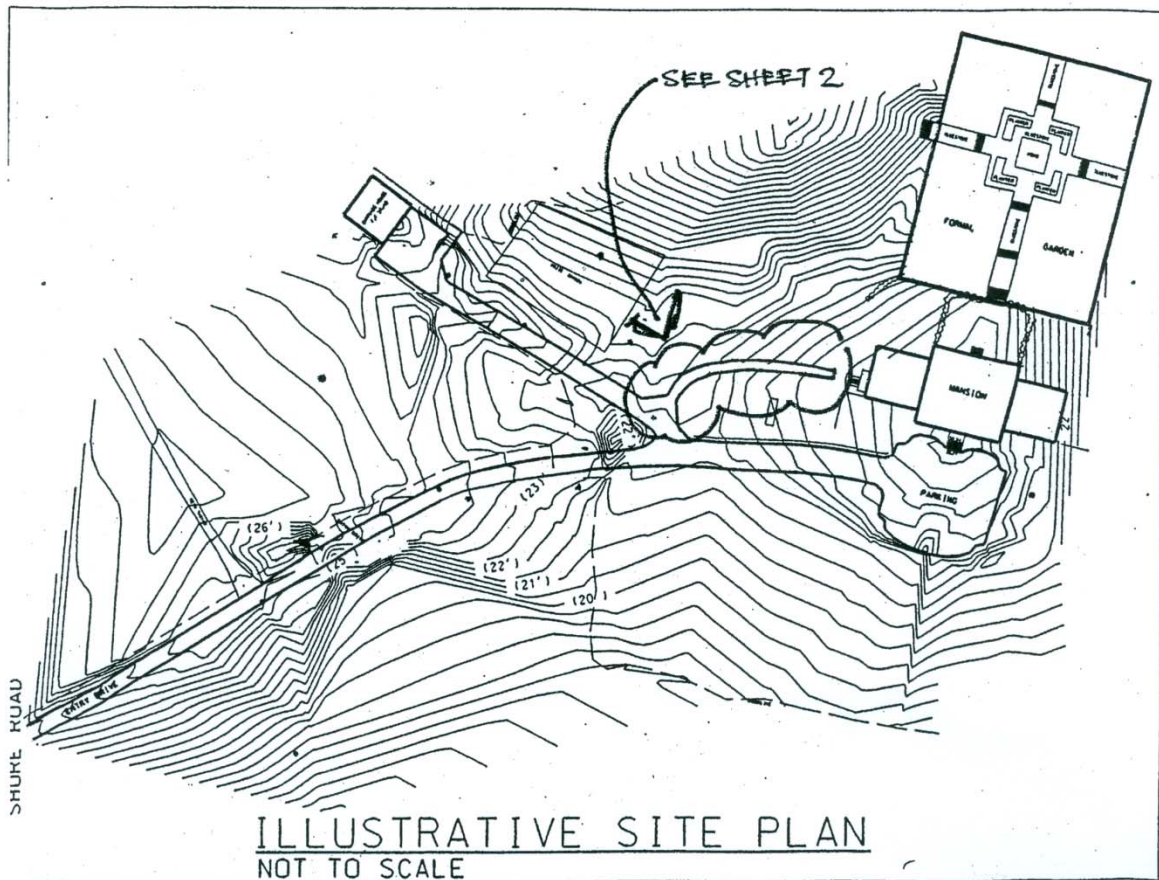


Image 08: Project Site Work (from Parks)

Appendix C:

Site Images



Image 09: Excavation for new path



Image 10: Excavation for new path



Image 11: Excavation for new path



Image 12: Excavation for new path



Image 13: Excavation for new path



Image 14: Excavation for new path



Image 15: Excavation for new path



Image 16: French coin



Image 17: Greek coin



Image 18: Yugoslavian coin

Appendix D:

Resume

Alyssa Loorya, M.A., M.Phil., R.P.A.
4110 Quentin Road
Brooklyn, New York 11234-4322
Phone/Fax: (718) 645-3962 or Cell: (347) 922-5581
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EDUCATION:

CITY UNIVERSITY OF NEW YORK GRADUATE SCHOOL AND UNIVERSITY CENTER;
New York, New York.
Ph.D. Candidate in Anthropology/Historical Archaeology,
expected graduation: Fall 2009.

HUNTER COLLEGE; New York, New York.
M.A. in Anthropology, June 1998.

BROOKLYN COLLEGE; Brooklyn, New York.
B.A. in Anthropology, History and Education, Magne Cum Laude and Departmental Honors, January 1995.

PROFESSIONAL LICENSES:

Register of Professional Archaeologists

New York City Department of Education, Per Diem Substitute Teaching Certificate Number: 775621

Fully Insured, Incorporated as Chrysalis Archaeological Consultants, Incorporated, June 2005.

EMPLOYMENT:

Chrysalis Archaeological Consultants, Inc.
President/Principal Investigator 2000 to present

URS CORPORATION

Site Supervisor, Dey Street, New York, New York Project, August 2006 to December 2007
Site Supervisor, Atlantic Yards, Brooklyn, New York, February 2007 to present
Site Supervisor, Floyd Bennett Field, Brooklyn, New York, March 2007 to May 2007
Principal Investigator, Brooklyn Bridge Park Project, Brooklyn, New York, February 2008 to present

Gray and Pape.

Senior Principal Investigator, Millennium Project, New York, October 2007 to present

NEW JERSEY INSTITUTE OF TECHNOLOGY

Educational Consultant, March 2001 to December 2004, February 2007 and May 2008 to present
Developing special content curriculum for NYC Department of Education to meet national and state standards using primary resource historic preservation material. Teacher development and classroom teaching.

For full Resume, including publications, conference papers, professional services, web services, etc., see: www.chrysalisarchaeology.com

ARCHAEOLOGICAL PROJECTS:

The Bronx:

Bartow-Pell Mansion – Monitoring

Brooklyn:

63/65 Columbia Street – Phase IA
102 Franklin Avenue Project – Phase IA
Atlantic Yards – Phase IB
Brooklyn Bridge Park – Phase IB
Floyd Bennett Field – Phase IB
Gravesend Cemetery – Phase IB
Greenpoint Project – Phase IA
Pieter Claesen Wyckoff House – Monitoring

Manhattan:

311 Broadway – Phase IA
79 Christopher Street Burial Vault Project –
Phase II
Chambers Street – Phase IB
Columbus Park Phase I
Consolidated Edison Project – Phase IA
Dey Street - Monitoring
Dyckman Farmhouse Project – Monitoring
Fortune Society Project – Phase IA
Roger Morris Park – Monitoring
Wall Street Water Main Project – Phase I
West Village Housing – Phase IA

Queens:

Martin's Field Phase I Project - Monitoring
Martin's Field Phase II Project - Monitoring
Queens County Farm Museum – Monitoring
Rufus King Park Tree Installation Project –
Monitoring
Rufus King Park Project - Monitoring
South Jamaica Urban Renewal Project –
Phase I – Phase IB
South Jamaica Urban Renewal Project –
Phase II – Phase IB
Wayanda Park – Monitoring

Staten Island:

210 Board Street - Phase IA
Block 7792 – Phase I
Ocean Breeze Park – Phase IA

Westchester County:

Consolidated Edison Project – Phase IA
Timothy Knapp House; Rye – Phase IB

Suffolk County:

The Edwards Homestead; Sayville – Phase IB

New Jersey:

Hunterdon County Bridge Replacement Project
– Phase IA

EDUCATION PROJECTS:

City Hall Park Project - Laboratory Director
City of New York – Department of Education –
Curriculum Development - Historic Preservation
Millennium Project, New York – Education
Programming, Internet Design,
Curriculum Development
Revolutionary War Heritage Tourism Trail
Project – Designer
Teacher Assistant, Brooklyn and Queens
Colleges – Dept. of Anthropology
Van Cortlandt Park, Bronx, NY
Erasmus High School, Brooklyn, NY
Fort Greene Park, Brooklyn, NY
Hendrick I. Lott House, Brooklyn, NY
Marine Park, Brooklyn, NY
New Utrecht Church, Brooklyn, NY
Pieter Claesen Wyckoff House, Brooklyn, NY
John Bowne House, Queens, NY
U.S. Army National Guard Bureau – New York
Division - Curriculum Development -
Historic Preservation

Archaeological Services

City Agencies

City of New York – Department of Design and Construction
City of New York – Department of Environmental Protection
City of New York – Department of Housing Preservation and Development
City of New York – Department of Parks and Recreation
City of New York – Department of Parks and Recreation – Historic House Trust of NYC

Private Companies/Individuals

A.A.H. Construction	MCR Restoration
A.J. Contracting, Inc.	MKW and Associates, LLC
Atlas Construction	Mathews/Nielsen Landscape Architects
BFC Partners	Manuel Elken Corporation
Bay Properties, Inc.	Mondol Construction Corporation
Chaya Stern	Philip Habib and Associates
Consolidated Edison Company of New York	Quigg Development Corporation
DELL-TECH Enterprises	Jonathan Rose Companies
Fortune Society	Radin Consulting Incorporated
GAMLA Enterprises, Inc.	ROUX Associates, Inc.
Gray and Pape, Inc.	TRC Environmental Corporation
Haffey Architects and Engineers	UA Construction Corporation
Jobe Development Corporation	URS Corporation
Jonathan Rose Companies	West Village Housing Development Fund Corporation
Judlau Construction, Inc.	William A. Gross Construction

Educational Services

Public Institutions

Bronx Expeditionary High School
Brooklyn College, CUNY
Brooklyn College Archaeological Research Center
City of New York – Department of Parks and Recreation - Historic House Trust of NYC
City of New York – Landmarks Preservation Commission
City University of New York - Graduate Center
City University of New York - Research Foundation
District 22 – City of New York – Department of Education
Gotham Center/City Hall Academy
Manhattanville College
New Jersey Institute of Technology

Museums/Historical Societies/Publications

Archaeology Magazine
Audubon Society of Connecticut
Dig Magazine
Hendrick I. Lott House Preservation Association
Pieter Claesen Wyckoff House
Rye Historical Society
Sayville Historical Society
South Street Seaport Museum

References:

Cultural Resource Management:

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