

ARCHAEOLOGICAL SITE FILE/LITERATURE SEARCH REPORT

Prepared by: Arnold Pickman Affiliation: Consultant Date: 1/12/88

A. Project Information

Permit Name:
Woodvale-By-The-Sea
Permit No.:
20-87-0218
Permit Type:
Wetlands
Location of Proposed Action:
Lots 188, 184, and 181, Block 8005, Tottenville, Staten Island.
Description of Undertaking:
Housing Development
Estimated Size of Impact Area (acres):
142099 acres
Description of Impact:
Excavation and Grading
Permit Areas (total acres):

B. Environmental Information

Topography:
Bluff top/bluff base
Geology:
Glacial Outwash
Soils:
Sands (Some portions with Sandy Silt Topsoil)
Drainage:
Blufftops well drained
Vegetation:
lightly wooded (some areas cleared)
Forest Zone:

Manmade Features and Alterations:
Some areas graded (see attached report)

C. Documentary Research

1. Site Files (within 1 mile radius)
 - a. Office of Parks, Recreation and Historic Preservation (OPRHP)
 - * State Inventory
 - * State Register
 - * National Register
 - National Register eligible listing
 - State/National Register proposed
 - b. State Museum

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AUG 01 1988

Cultural Resources
Section

785

4. Sensitivity Assessment/Site Prediction

Blufftop area sensitive for prehistoric sites

5. Recommendations

Undertake sub-surface testing

6. Attachments

- Topographic map (with attached report)
- Project map/Site plan " " "
- Environmental Assessment Form
- State Museum correspondance
- Site file information
- Previous survey information
- Other (specify) Consultants report - Phase I Archaeological Survey

1/12/88
date

Arnold Pickman
signature of preparer

2. References

a. Texts

- ___ Beauchamp, William
1900 Aboriginal Occupation of New York. New York State Museum Bulletin No. 32. Albany, New York (p. ____).
- ___ Funk, Robert E.
1976 Recent Contributions to Hudson Valley Prehistory. New York State Museum Memoir 22. Albany, New York (p. ____).
- ___ Parker, Arthur
1920 The Archaeological History of New York. New York State Museum Bulletin Nos. 237, 238. Albany, New York (p. ____).
- ___ Ritchie, William, A.
1969 The Archaeology of New York State. Natural History Press: Garden City, New York (p. ____).
- ___ Ritchie, William A. and Robert E. Funk
1973 Aboriginal Settlement Patterns in the Northeast. New York State Museum and Science Service Memoir No. 20. Albany, New York (p. ____).

x Other (see attached Bibliography).
see attached report

b. Maps

- x Beers, F.W.
1874 County Atlas of Staten Island (Richmond)
- ___ Burr, D.H.
1829 Atlas of New York State. Stone and Clark, New York.
- ___ Library of Congress
1981 Fire Insurance Maps in Library of Congress.
- ___ Stone and Stewart, Publishers
18__ New Topographical Atlas of _____ County.
- x (Other see attached report)

3. Previous Surveys

- ___ None recorded in OPRHP files
- x Survey(s) completed for project area
Oakwood Beach WPCP covered general area

REPORT OF FIELD RECONNAISSANCE

Permit Applicant: Jack Kruger

Permit No.: 20-87-0218

Location: Tottenville, Staten Island

Report Prepared by: Arnold Pickman Affiliation: Consultant Date: 1/12/88

Part 1: DOCUMENTARY RESEARCH ADDENDUM AND SITE IDENTIFICATION

A. Documentary Research Addendum (if needed)

1. Local site inventory checked (specify)
2. Informants interviewed (name, address, specialty)
3. Other sources checked (specify)

Results of Documentary Research

no sites reported

sites reported (describe briefly) Find spots north and south of Project Area. Major site within 1 mile None reported within project area. 19th century shipyard within project area

B. Field Investigation

1. Methodology

a. Description of structure for survey team (number, organization).

Two person shovel testing team

b. Date of survey and description of general surface and subsurface conditions (including season, ground visibility and relative wetness of soil).

12/16, 12/21, 12/23, 1987/ground obscured by leaf cover or graded/soil dry

Results of Field Investigation

no sites identified

2 site(s) identified

Describe general nature and distribution of sites

Finds of prehistoric chipped stone debitage and tool fragments, shell, and fire cracked rock, some bone from two limited portions of project area. Possible camp sites

- For each site, complete a site inventory form (OPRHP), providing general boundaries and information on nature of the site (e.g. lithic scatter, historic midden, rockshelter). Mark form "Confidential: For Agency Use Only".

2. Recommendations

no additional work

additional investigation Phase II site evaluation survey

project modification to avoid sites

3. Rationale

- a. Evaluate the effect of the proposed undertaking on identified cultural resources.

- If cultural resources are present but will not be impacted explain why.

- If cultural resources will be impacted, explain how each will be affected.

Grading/excavation may destroy sites

PART 2: SITE EVALUATION

The archaeological investigator must collect sufficient information about each site affected by the project to evaluate its potential eligibility to the NYS Register of Historic Places. The criteria of eligibility is specified in the State Historic Preservation Act (1980), Section 14.07. Major items are: detailed site boundaries, cultural affiliation and significance.

PRIOR TO COMMENCING ANY ADDITIONAL INVESTIGATION, DISCUSSION MUST OCCUR AMONG THE ARCHAEOLOGICAL CONSULTANT, APPLICANT, ENVIRONMENTAL ANALYST AND CULTURAL RESOURCE SECTION.

A. Consultation

 X Consulted with DEC Cultural Resource Section (CRS) on 4/11;5/17
(date)

Results of consultation

1. X continue investigation

Documentation of consultation attached (summary of phone conversation specifying date(s), participants and results of discussion).

2. submit results of initial field investigations.

B. Methodology

1. Description of research strategies and methodology used.

Site A - Shovel testing and excavation units to obtain samples and determine extent. Backhoe trenches to confirm presence of landfill.

Site B - Shovel testing and excavation units to obtain samples, assess extent and investigate stratigraphy. Backhoe used to remove overlying fill in some areas.

2. Description of the excavation and general subsurface conditions.

Site A - Prehistoric materials derived from landfill deposits. Original topsoil probably removed prior to land-filling. Historic materials suggest late 19th-early 20th century deposition of landfill.

Site B - Topmost strata consist of landfill containing prehistoric artifacts. Historic materials suggest deposition in late 19th-early 20th century. Underlying strata: brown silty sand probably representing a zone of prior cultivation containing low density of prehistoric material (no diagnostic material recovered); stratum disturbed or removed in some areas-material probably remains of small campsite; underlying yellow/orange sand yielded a small amount of prehistoric material.

A 1 - addendum

As per telephone conversation with Dr. Michael Cinquino on 4/11/88 it was agreed that the Stage II excavations would proceed as discussed in the Stage I report and that additional recording of the shipyard remains would be undertaken. Dr. Cinquino requested that he be kept informed of the progress of the excavations.

On 5/17/88 the Principal Investigator informed Dr. Cinquino of the results of the Stage II investigation of Site A and that the Site B excavations were being undertaken.

Progress report submitted 5/19/88
Preliminary report submitted 6/1/88

D. Recommendations

- No additional investigation
 Additional investigation
 Project modification to avoid sites

E. Rationale

1. Describe potential impacts and evaluate management alternatives.

Site A - Prehistoric material from severely disturbed (landfill) context - lacks integrity. Not considered Register eligible.

Site B - Uppermost deposit from severely disturbed (landfill) context - lacks integrity. Not considered Register eligible. Lower deposit not considered to be Register eligible due to disturbance and low density of material. Estimated extent of lower deposit ca. 700 sq. ft. Western portion to be disturbed by proposed retaining wall construction.

2. Briefly outline a scope of work and general costs for any recommended additional cultural resource study.

NEW YORK STATE HISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM

For Office Use Only--Site Identifier _____

Project Identifier Woodvale-By-The-SeaDate 7/25/88Your Name Arnold PickmanPhone (212) 935-0123Address 150 East 56th StreetNew York, N.Y.Zip 10022

Organization (if any) _____

1. Site Identifier(s) Brown Shipyard2. County Richmond One of following: City New York

Township _____

Incorporated Village _____

Unincorporated Village or

Hamlet _____

3. Present Owner Jack KrugerAddress 785 Horatio AvenueFranklin Square, New YorkZip 11010

4. Site Description (check all appropriate categories):

Structure/site

Superstructure: complete partial collapsed not evidentFoundation: above below (ground level) not evidentStructural subdivisions apparent Only surface traces visibleBuried traces detected

List construction materials (be as specific as possible):

Grounds

Under cultivation Sustaining erosion Woodland Beach/UnderwaterNever cultivated Previously cultivated Floodplain UplandSoil Drainage: excellent good fair poor Slope: flat gentle moderate steepDistance to nearest water from structure (approx.) 0-100Elevation: 0-4'

5. Site Investigation (append additional sheets, if necessary):

Surface--date(s) 5/25/88 Site Map (Submit with form*) see Stage II reportCollectionSubsurface--date(s) 5/9-25/88Testing: shovel coring other Backhoe Trenches unit size
no. of units 2 sets (Submit plan of units with form*)
see Stage II reportExcavation: unit size no. of units
(Submit plan of units with form*)

* Submission should be 8 1/2" x 11", if feasible

Investigator Arnold Pickman

Manuscript or published report(s): (reference fully):

Pickman, Arnold

1988a Phase I Archaeological Survey, Tax Lots 188, 184 and 181, Block 8005
Tottenville, Staten Island, New York. Submitted to NYSDEC1988b Stage II Archaeological Survey, Woodvale-By-The-Sea, Tax Lots 188,
184 and 181, Block 8005, Tottenville, Staten Island. Submitted toPresent repository of materials n/a

NYSDEC

Addendum - Brown Ship Yard

Ship yard established ca. 1870.

Visible remains consist of posts and beams from shipways, two piers, and railway dry dock. Remains may continue below water. Additional deteriorated remains of dry dock beneath landfill east of visible portion was exposed by backhoe trenches. Dry dock will be removed by planned construction.

NEW YORK STATE PREHISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM

For Office Use Only--Site Identifier _____

Project Identifier Woodvale-By-The-Sea

Date 7/25/88

Your Name Arnold Pickman

Phone (212) 935-0123

Address 150 East 56th St.
New York, N.Y.
Zip 10022

Organization (if any) _____

1. Site Identifier(s) Site "A" - see Stage I and Stage II reports

2. County Richmond One of following: City New York
Township _____
Incorporated Village _____
Unincorporated Village or Hamlet _____

3. Present Owner Jack Kruger
Address 785 Horatio Avenue
Franklin Square, New York
Zip 11010

4. Site Description (check all appropriate categories):

Site

- | | | |
|---|---|--|
| <input type="checkbox"/> Stray find | <input type="checkbox"/> Cave/Rockshelter | <input type="checkbox"/> Workshop |
| <input type="checkbox"/> Pictograph | <input type="checkbox"/> Quarry | <input type="checkbox"/> Mound |
| <input type="checkbox"/> Burial | <input type="checkbox"/> Shell midden | <input type="checkbox"/> Village |
| <input type="checkbox"/> Surface evidence | <input type="checkbox"/> Camp | <input type="checkbox"/> Material in plow zone |
| <input type="checkbox"/> Material below plow zone | <input checked="" type="checkbox"/> Buried evidence | <input type="checkbox"/> Intact occupation floor |
| <input type="checkbox"/> Single component | <input type="checkbox"/> Evidence of features | <input type="checkbox"/> Stratified |
| | <input type="checkbox"/> Multicomponent | <input checked="" type="checkbox"/> Material in |

Location

- | | | |
|--|---|--|
| <input type="checkbox"/> Under cultivation | <input type="checkbox"/> Never cultivated | <input type="checkbox"/> Previously cultivated |
| <input type="checkbox"/> Pastureland | <input type="checkbox"/> Woodland | <input type="checkbox"/> Floodplain |
| <input checked="" type="checkbox"/> Upland | | <input type="checkbox"/> Sustaining erosion |

Soil Drainage: excellent good fair poor

Slope: flat gentle moderate steep

Distance to nearest water from site (approx.) 380

Elevation: 34-36

5. Site Investigation (append additional sheets, if necessary):

Surface date(s) _____
 Site Map (Submit with form*) (See Stage II report)
 Collection

Subsurface--date(s) 12/16, 12/21-22/87; 5/9-25/88)
Testing: shovel coring other _____ unit size ca 1x1 1/2
no. of units 18 (Submit plan of units with form*)
see Stage I and Stage II reports

Excavation: unit size 4x4; 5x5 no. of units 2
(Submit plan of units with form*) See Stage II report

* Submission should be 8 1/2"x11", if feasible

Repository of Materials - Staten Island Institute of Arts and Sciences

Investigator Arnold Pickman

NEW YORK STATE PREHISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM

For Office Use Only--Site Identifier _____

Project Identifier Woodvale-By-The-Sea

Date 7/25/88

Your Name Arnold Pickman

Phone (212) 935-0123

Address 150 East 56th Street

New York, N.Y.

Zip 10022

Organization (if any) _____

1. Site Identifier(s) "Area B" - See Stage I and Stage II reports

2. County Richmond One of following: City New York
Township _____
Incorporated Village _____
Unincorporated Village or _____
Hamlet _____

3. Present Owner Jack Kruger

Address 785 Horatio Avenue
Franklin Square, New York
Zip 11010

4. Site Description (check all appropriate categories):

Site

- | | | |
|--|---|---|
| <input type="checkbox"/> Stray find | <input type="checkbox"/> Cave/Rockshelter | <input type="checkbox"/> Workshop |
| <input type="checkbox"/> Pictograph | <input type="checkbox"/> Quarry | <input type="checkbox"/> Mound |
| <input type="checkbox"/> Burial | <input type="checkbox"/> Shell midden | <input type="checkbox"/> Village |
| <input type="checkbox"/> Surface evidence | <input checked="" type="checkbox"/> Camp | <input checked="" type="checkbox"/> Material in plow zone |
| <input checked="" type="checkbox"/> Material below plow zone | <input checked="" type="checkbox"/> Buried evidence | <input type="checkbox"/> Intact occupation floor |
| <input type="checkbox"/> Single component | <input type="checkbox"/> Evidence of features | <input type="checkbox"/> Stratified |
| | <input type="checkbox"/> Multicomponent | <input checked="" type="checkbox"/> Material in landfill |

Location

- | | | |
|--|--|---|
| <input type="checkbox"/> Under cultivation | <input type="checkbox"/> Never cultivated | <input checked="" type="checkbox"/> Previously cultivated |
| <input type="checkbox"/> Pastureland | <input checked="" type="checkbox"/> Woodland | <input type="checkbox"/> Floodplain |
| <input checked="" type="checkbox"/> Upland | | <input type="checkbox"/> Sustaining erosion |

Soil Drainage: excellent good fair poor

Slope: flat gentle moderate steep

Distance to nearest water from site (approx.) 140

Elevation: 26'-30'

5. Site Investigation (append additional sheets, if necessary):

Surface date(s) _____

Site Map (Submit with form*) See Stage II report
 Collection

Subsurface--date(s) 12/16, 12/21-22/87; 5/9-25/88

Testing: shovel coring other _____ unit size ca 1x1½
no. of units 12 (Submit plan of units with form*)

Excavation: unit size 4x4; 3x5, 2½x2½ see Stage I and Stage II reports
no. of units 4
(Submit plan of units with form*) See Stage II report

* Submission should be 8½"x11", if feasible

Repository of Materials - Staaten Island Institute of Arts and Sciences

Investigator Arnold Pickman