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PHASE 1B ARCHAEOLOGICAL TESTING
SPADER RESIDENCE AT 188 ATLANTIC AVENUE
BROOKLYN, NEW YORK

AKA
130 Court St

PROJECT NUMBER: DCP/07DCP069K

Prepared for:
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LIST OF PERSONNEL

| | | |
|--------------------|---|---|
| William Goldsmith | - | Principal Investigator |
| Paula M. Crowley | - | Laboratory Supervisor |
| Michelle de Gruchy | - | Field technician Laboratory technician |

INTRODUCTION

The following report documents the results of archaeological testing at 188 Atlantic Avenue, Block 286, Lot 21 in Brooklyn, New York. The project area lies within the Cobble Hill Historic District. The parking lot within Lot 21 is the subject of this report, which historically contained three house lots: 184, 186 and 188 Atlantic Avenue. See Figure 1 for the location of the project area.

The Phase 1A study (Bergoffen 2005) prepared for 130 Court Street concluded that only one lot, at 188 Atlantic Avenue, had the potential for preserving archaeological deposits from the middle of the nineteenth century. The lot under investigation was approximately 25 feet by 80 feet in size. In particular, it was very likely that the residence had both a privy and a cistern. The house on the lot was constructed circa 1846. Water service was available shortly after 1859, and sewers after 1860 but prior to 1867. The former house at 188 Atlantic Avenue lot was occupied by the Spader family from 1848 through 1869, and they were likely responsible for the filling of these features. The house was demolished between 1929 and 1939. There was no evidence that subsequent construction would have disturbed the features, unlike other nearby lots studied in the Phase 1A.

Based upon the research conducted by Bergoffen, recommendations were made to Landmarks for the testing of 188 Atlantic Avenue, and Landmarks concurred on June 14, 2007.

FIELD METHODOLOGY

Phase 1B archaeological testing was planned in the form of backhoe trenching. The general purpose of archaeological testing is to provide positive or negative evidence regarding the existence of archaeological remains within a project area, and to assess the potential significance of such findings. Evaluation of 188 Atlantic Avenue concluded that two backhoe trenches were needed to order to test the lot. Each trench was plotted to cross the full width of the lot, approximately 25 feet in length by 8 feet. The first trench was placed at the front of the property, adjacent to the front gate. The second trench was placed immediately behind the rear wall of the house to search for a cistern. In the event that any feature, such as a privy or cistern be discovered, then samples of their fill would be excavated and screened to recover any cultural artifacts. Since this phase of archaeological fieldwork was to test for cultural remains and to assess the potential of material recovered, if artifacts were found that dated to the mid-nineteenth century, then the trenches would be covered. An archaeological testing report would be produced recommending mitigation in the form of archaeological data recovery excavation of the fill. See Figure 2 for a layout of the backhoe trenches on the property.

Fieldwork initially commenced on June 27, 2007. The backhoe operator did not have the proper equipment to penetrate the concrete slab underling the asphalt parking lot. Actual testing occurred on June 28, 2007. Mechanical trenches were excavated slowly and methodically by the backhoe operator under the supervision of a GCI staff Registered Professional Archaeologist (RPA). Vertical control was maintained relative to the ground surface and horizontal control relative to the street. The trenches were backfilled after recording, photographing, mapping.

Field work for Backhoe Trench 3 occurred July 20, 2007. This trench was placed adjacent to the rear lot line to search for a privy once the framed passageway at the rear of the lot was demolished. Backhoe Trench 2 was extended by four feet to the east at this time also.

Selected soil samples were screened through ¼" hardware mesh to aid in recovering artifacts. The cultural material recovered was assigned to soil stratum and the stratigraphy recorded. Soils were identified by texture and inclusions, and referenced to Munsell Chart colors.

STRATIGRAPHIC SUMMARY

Backhoe Trench 1 was located at the front of the house to search for a cistern. Backhoe Trench 2 was behind the rear wall of the former house to search for a cistern. Backhoe Trench 3 was placed adjacent to the rear lot line to search for a privy. The stratigraphy of the trenches paralleled each other. The top layer was asphalt overlying a four inch concrete slab. A fill layer of silty sand which contained artifacts lay underneath the slab. The subsoil was a sandy clay or sand.

Table 1
Summary of Backhoe Trench Stratigraphy

| Backhoe Trench 1 | | Backhoe Trench 2 | | Backhoe Trench 3 | |
|------------------|---------------------|------------------|---------------------|------------------|------------------|
| Depth | Identification | Depth | Identification | Depth | Identification |
| 0"-3" | Asphalt | 0"-3" | Asphalt | 0"-2" | Asphalt |
| 3"-7" | Concrete w/rebar | 3"-7" | Concrete w/rebar | 2"-14" | Brick & concrete |
| 7" - 84" | Silty sand, Fill | 7"-72" | Silty sand, Fill | 14"-37.5" | Silty sand, Fill |
| 84" - 96" | Sandy clay, subsoil | 72"-84" | Sandy clay, subsoil | 37.5"-59.5" | Sand, subsoil |

No features were encountered during trenching, although artifacts were collected from the fill layers in each trench which could have diagnostic potential. The former location of a privy was identified in Backhoe Trench 3, and artifacts were collected from the area. The former privy location was at the western end of the framed passageway.

See Figures 3 and 4 and Plates 1 and 2 for profiles of Backhoe Trenches 1 and 2. Figure 5 illustrates the profile for Backhoe Trench 3. Plates 3 and 4 show the passageway at the rear of the lot which needed to be demolished in order to place Backhoe Trench 3. Plates 5 and 6 illustrate Backhoe Trench 3, facing east and west. Plate 7 illustrates the profile of Backhoe Trench 3.

ARTIFACT PROCESSING AND ANALYSIS

Laboratory Methodology

Artifacts recovered from the Phase 1B field testing at 188 Atlantic Avenue were brought to the Greenhouse Consultants laboratory for processing and analysis. Artifacts were washed in room temperature tap water, dried, marked and catalogued. The drying procedure was slow air drying on screens in the laboratory processing area. The artifacts were then labeled with their appropriate context number.

Artifacts were identified using a modified form of the Cultural Material Data Base Taxonomy of the National Park Service. Artifacts were coded for their functional group, class and material. Technological and stylistic manufacturing ranges were assigned when an artifact exhibited a datable attribute. Establishing a range of the manufacture of artifacts provides a time frame for establishing dates after which the refuse deposits were made. This information was recorded on a tyvek label which was inserted with the artifact into a clear polyethylene ziplock bag. The bags were also labeled with context and catalog numbers.

Contexts were assigned series numbers in accordance to the type of data recovery method. The data recovery method employed at 188 Atlantic Avenue was backhoe trenching. Trenching is identified by the 4000 series. As an example the second layer of Backhoe Trench 1 would be identified as 4001.02. See Appendix 1 for the context labeling system.

Artifact Analysis

A total of 161 artifacts were recovered from the three trenches. In all trenches, the artifacts were recovered from the third layer, identified as fill. Fourteen artifacts were retained from Backhoe Trench 1, nine from Backhoe Trench 2, and 138 from Backhoe Trench 3. The artifacts were distributed among the functional groups as follows:

Table 2
Distribution of Recovered Artifacts among Functional Groups

| Context | Group | Artifact Identity | Amount |
|---------|---------------|------------------------|--------|
| 4001.03 | Kitchen | Semi-porcelain | 3 |
| | | Ironstone | 3 |
| | | Container glass | 2 |
| | | Bottle glass | 7 |
| | <i>N</i> = 15 | | |
| | Construction | Flat glass | 1 |
| | | Brick | 1 |
| | | Lamp | 1 |
| | <i>N</i> = 3 | | |
| | Personal | Ink jar | 1 |
| | | | |
| | <i>N</i> = 1 | | |
| 4002.03 | Kitchen | Bottle glass | 7 |
| | <i>N</i> = 7 | | |
| | Construction | Brick | 2 |
| | | | |
| | <i>N</i> = 2 | | |
| 4003.03 | Kitchen | Porcelain | 7 |
| | | Stoneware | 2 |
| | | Yellowware | 1 |
| | | Ironstone | 26 |
| | | Bottle/container glass | 29 |
| | | Tableware glass | 2 |
| | <i>N</i> = 67 | | |
| | Faunal/Floral | Bone, mammal | 22 |
| | | Shell, clam | 1 |
| | <i>N</i> = 23 | | |

| Context | Group | Artifact Identity | Amount |
|---------|---------------|---------------------------|--------|
| | Construction | Flat glass | 6 |
| | | Nails | 4 |
| | | Hardware | 1 |
| | | Marble | 1 |
| | | Brick | 3 |
| | <i>N = 15</i> | | |
| | Furnishings | Chamberpot | 20 |
| | | Flowerpot | 4 |
| | | Glass panel | 1 |
| | | Door knob | 1 |
| | <i>N = 26</i> | | |
| | Clothing | Straight pin | 1 |
| | | Sewing machine oil bottle | 1 |
| | <i>N = 2</i> | | |
| | Personal | Pharmaceutical | 1 |
| | <i>N = 1</i> | | |
| | Activities | Marble | 1 |
| | | Wire | 1 |
| | <i>N = 2</i> | | |
| | Miscellaneous | Coal | 1 |
| | | Charcoal | 1 |
| | <i>N = 2</i> | | |
| | | <i>Total</i> | 161 |

Fourteen artifacts were retained from Context 4001.03. The semi-porcelain plate was decal decorated, a method and style that became popular during the 1880s. An undecorated ironstone plate base and bowl base were also recovered. A cup or mug rim was found which was decorated on the exterior with overglaze and underglaze handpainted polychrome oriental poppy. Nine pieces of container and bottle glass were also found, as well as a piece of flat glass. One plain red brick was also retained. A lamp's electrical socket and its casing were found, which was probably once part of a ceiling light fixture. A complete white milk glass ink jar was found, embossed with 8 FLUID OZ and CARTER'S, 6 118.

Nine artifacts were retained from Context 4002.03. Two pieces of bottle glass were found. The olive green shard had no markings. The green bottle glass was a section from the lip/shoulder area with a flat ring finish. Two bricks were also retained. One red brick was embossed *Rose*. The *Rose Brick Company* was founded in 1884 and Roseton, New York was erected as a company town 61 miles north of New York City (<http://brickcollecting.com/collection2.htm>). The company was credited with inventing the above deck shipping, allowing as many as 600,000 bricks to be carried in a single load, as opposed to older below deck methods which could only carry 75,000 bricks. John C. Rose founded the company, and upon his death in 1897, his son John Bailey assumed command of the company, increasing output from 42,000,000 to 100,000,000 brick a year. The son further increased output up to 400,000,000 a year. The second brick was light yellow in color and was embossed with an oval and *David Savage*. No information was found on this brick.

A total of 138 artifacts were found in Context 4003.03. The former privy had been located at this spot, but had been removed during construction activities of the past century. Forty-eight percent of the artifacts belonged to the functional group of the Kitchen. Ceramics and glass containers were the constituents of this group. Ceramics included porcelain, ironstone, yellowware and stoneware, and dated from the second half of the nineteenth century, and well into the twentieth. A bowl and plate were manufactured by Scammell's Trenton China, ca. 1924-1954 (Lehner 1988:407-8; DeBolt 1988:91). Container glass included a minimum of three Borden's milk jugs. Many of the bottles were machine made, post-dating 1905. Some mammal bone was recovered and a single clam shell. Construction material included: nails, flat glass, a fragment of marble slab, plumbing hardware and brick. One brick was embossed: *SHULTZ*. The Charles A. Shultz brickyard was located in East Kingston, New York. It was later called the East Kingston Brick Company. Shultz was in business from 1890 to 1929 (<http://brickcollecting.com/shultz>). Furnishings included flowerpots, a door knob and chamberpot fragments. A polished wood handle fragment was embossed: *Harnett's Pharmacy/ Warranted/...K. B..../London Made/ 9.Bible House, NY*. This instrument made have been used for pharmaceutical purposes. Evidence for clothing manufacture or repair was evident in the recovery of a straight pin and a complete bottle embossed: *Sperm Sewing Machine Oil*.

No intact features were encountered during backhoe excavating. Artifacts from all the trenches were found in the fill layer. The objective during this trenching episode was to

discover whether there were any intact deposits from the Spader family's occupation of the lot from 1848 to 1869. No evidence of this occupation is represented by the artifacts which were discovered. The *Rose* brick find postdates the Spader family since the company was founded in 1884. Most of the artifacts date from the late nineteenth century or twentieth century.

CONCLUSIONS AND RECOMMENDATIONS

The archaeological fieldwork testing phase at 188 Atlantic Avenue resulted in the conclusion that no archaeological resources were present at the former residential location, and no further archaeological work is needed. Backhoe trenching was conducted on June 28, 2007 and July 20, 2007, and found no evidence of intact features or deposits. Artifacts were recovered from all trenches from the third layer, which was identified as a fill layer. All artifacts recovered postdate the occupation of the Spader family which was in residence from 1848 to 1869.

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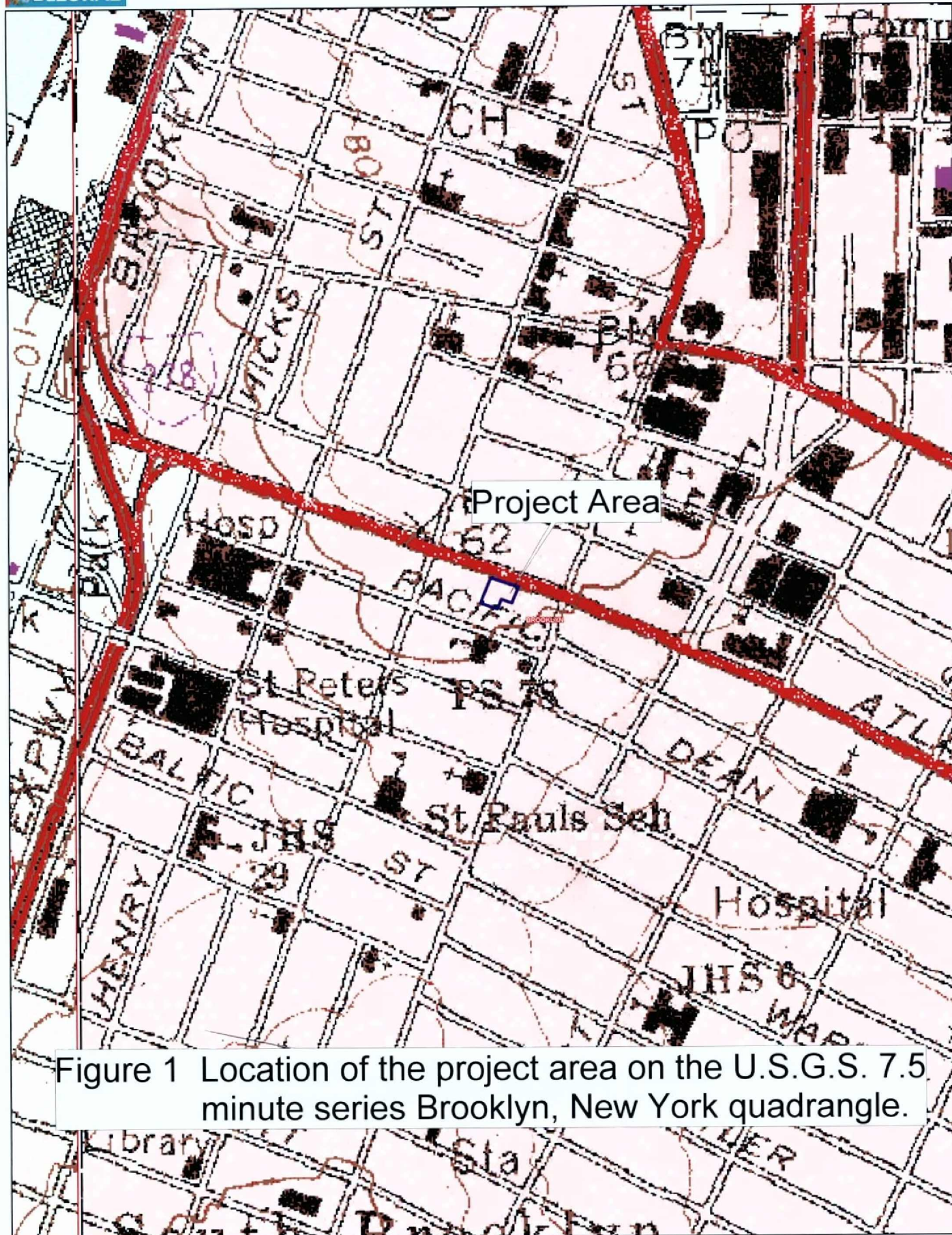
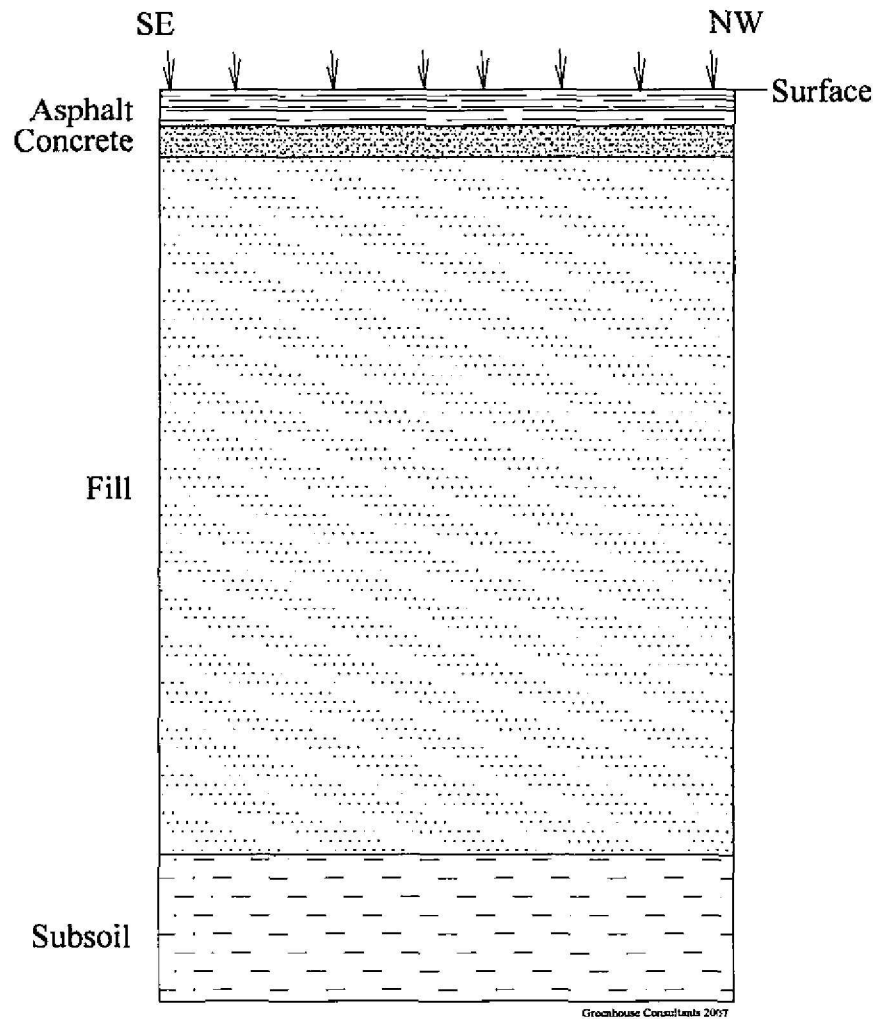


Figure 1 Location of the project area on the U.S.G.S. 7.5 minute series Brooklyn, New York quadrangle.

Profile Backhoe Trench 1

Scale 1:20







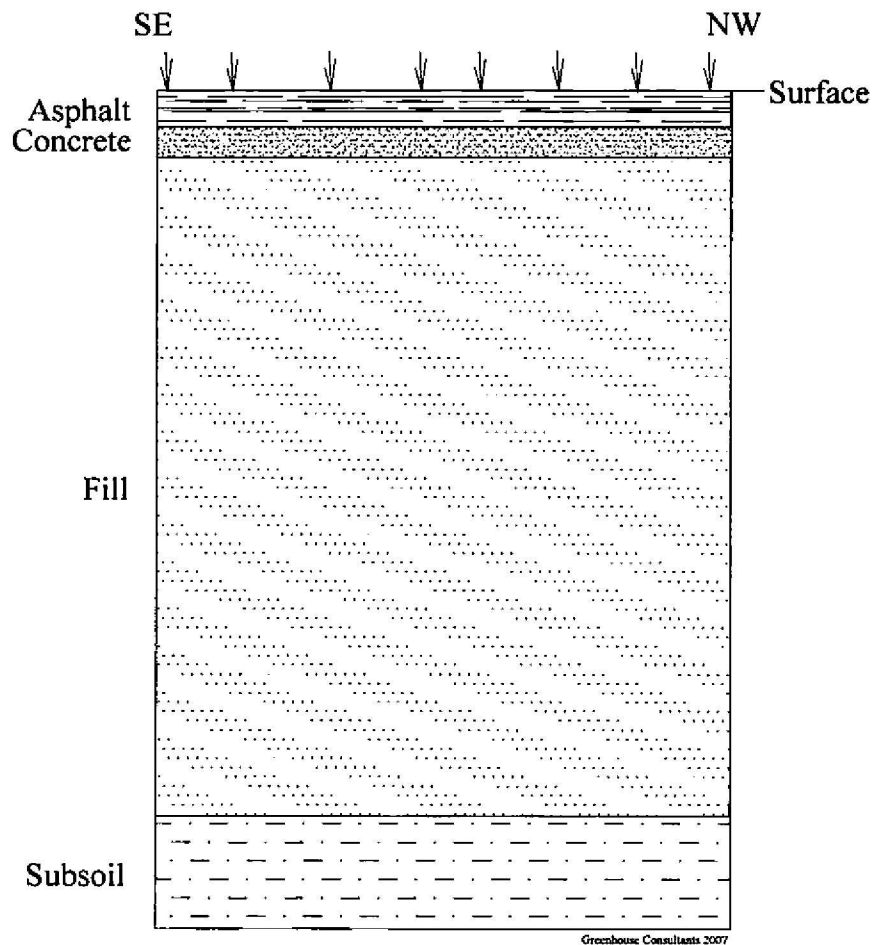
-  Asphalt
-  Concrete
-  Silty Sand
-  Sandy Clay

Figure 3 Profile of Backhoe Trench 1.

Profile Backhoe Trench 2

Scale 1:20







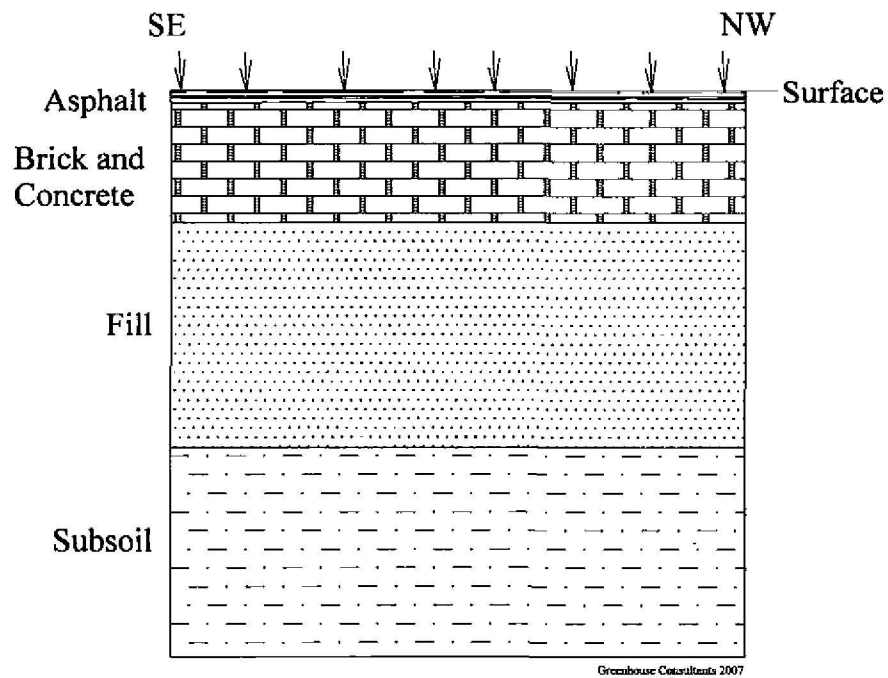
-  Asphalt
-  Concrete
-  Silty Sand
-  Sandy Clay

Figure 4 Profile of Backhoe Trench 2.

Profile Backhoe Trench 3

Scale 1:20







-  Asphalt
-  Brick and Concrete
-  Silty Sand
-  Sandy Clay

Figure 5 Profile of Backhoe Trench 3.



Plate 1 View of Backhoe Trench 1 facing northwest with profile of trench, June 28, 2007.



Plate 2 View of Backhoe Trench 2 facing northwest with profile of trench, June 28, 2007.



Plate 3 Location of frame passageway and proposed Backhoe Trench 3 facing southeast.



Plate 4 Demolition of the passageway facing south.



Plate 5 View of Backhoe Trench 3, facing east, July 20, 2007.



Plate 6 View of Backhoe Trench 3, facing west, July 20, 2007.

Profile
Backhoe Trench 3

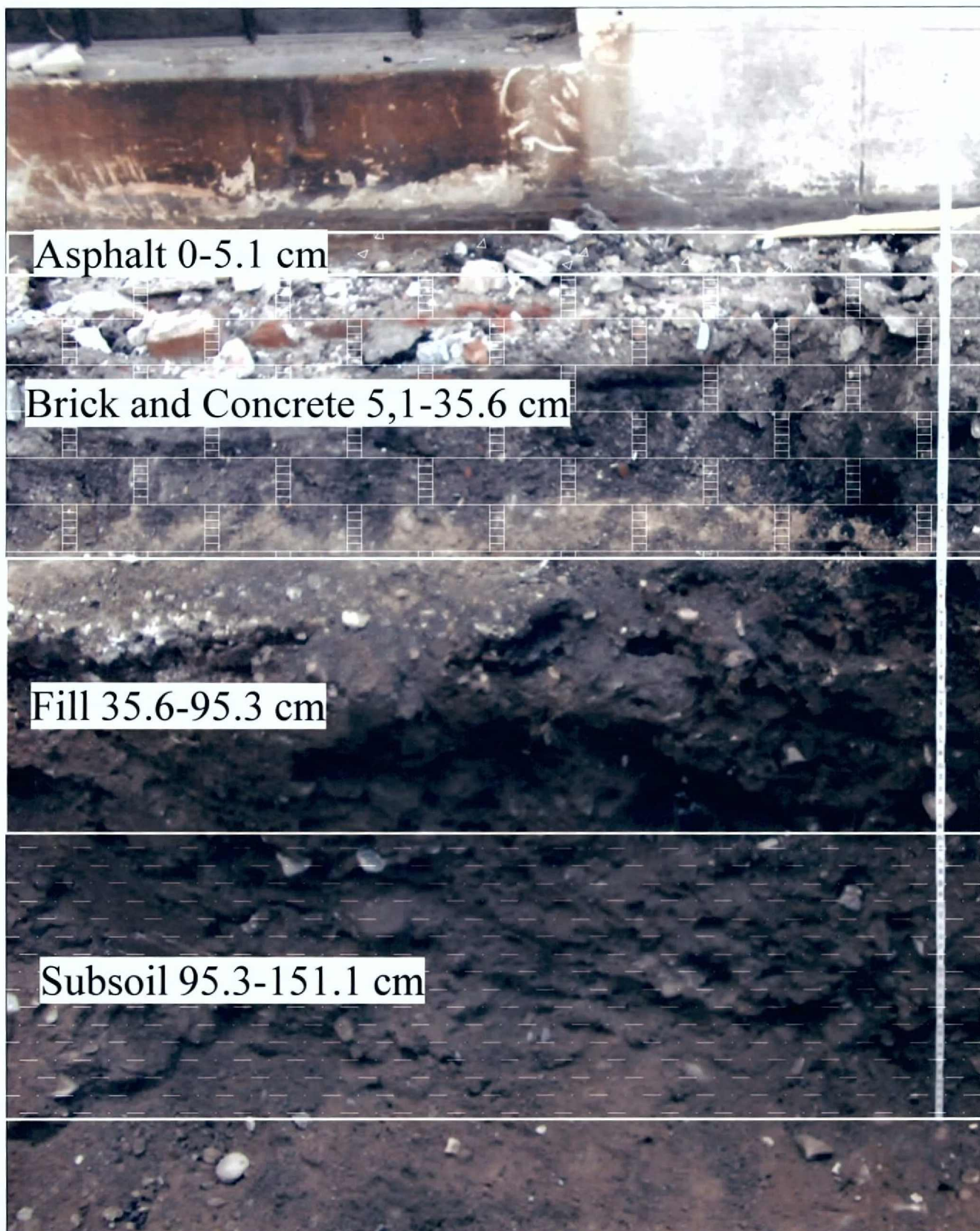


Plate 7 Profile of Backhoe Trench 3, July 20, 2007.

APPENDIX 1

SUMMARY OF FIELD RECORD FORMS AND CONTEXT NUMBERING

APPENDIX 1 CONTEXT NUMBERING AND PROVENIENCE LABELING

A field recording system which encompasses a variety of conditions and situations is optimal for any archaeological project. Among these situations are the size of the project, the number of different field techniques and the number of expected artifacts. The field recording system used was developed by Greenhouse Consultants and was based on modifications of other accepted systems.

All contexts are numbered in the field and these numbers are applied to the artifacts. The format for numbering is XX-9999.99 where X is alphanumeric and 9 is numeric. The alphanumeric characters to the left of the hyphen are the prefix. The two digits to the right of the decimal point are used only when it is necessary to refer to strata within a context. The four digits between the prefix and decimal subdivision may be called the base code.

The prefix is a two character designation of the project parcel. The four digit numeric base code can be divided into two parts; the first digit being separate from the last three. The first numeric digit indicates the type of field technique used. The codes are as follows:

| | |
|-------|-----------------------------------|
| 1000: | unprovenienced surface collection |
| 2000: | provenienced surface collection |
| 3000: | shovel testing |
| 4000: | trenching |
| 5000: | excavation units |
| 6000: | feature excavation |
| 7000: | borings |
| 8000: | |
| 9000: | transects |

The three digits following the technique code are unique for each location and are assigned sequentially. Decimal subdivisions may be used for techniques three through six to indicate specific strata. For example, 01-3001.02 refers to Area 1 (01), shovel test (3), number 1 (001), at the second layer (.02).

Phase 1B Stratigraphic Summary
188 Atlantic Avenue, Brooklyn, New York

| Context | Munsell | Color | Texture | Depth (cm) | Horizon | Comments |
|---|----------|----------------------|------------------|-------------|------------------|-------------------------------------|
| 4001.01 | 10YR 2/1 | Black | Asphalt | 0-7.6 | Asphalt | NCM |
| 4001.02 | 10YR 6/1 | Light gray | Concrete | 7.6-17.8 | Concrete | Concrete with rebar |
| 4001.03 | 10YR 4/3 | Dark brown | Silty sand | 17.8-213.4 | Fill | Ceramics, glass, light bulb, brick |
| 4001.04 | 10YR 4/6 | Dark yellowish brown | Sandy clay | 213.4-243.8 | Subsoil | NCM |
| Data taken 20 feet from northwest corner of trench | | | | | | |
| | | | | | | |
| | | | | | | |
| 4002.01 | 10YR 2/1 | Black | Asphalt | 0-7.6 | Asphalt | NCM |
| 4002.02 | 10YR 6/1 | Light gray | Concrete | 7.6-17.8 | Concrete | Concrete with rebar |
| 4002.03 | 10YR 4/3 | Dark brown | Silty Sand | 17.8-183.0 | Fill | Glass, brick |
| 4002.04 | 10YR 4/6 | Dark yellowish brown | Sandy Clay | 183.0-213.4 | Subsoil | NCM |
| Data taken 20 feet from northwest corner of each trench | | | | | | |
| | | | | | | |
| | | | | | | |
| 4003.01 | 10YR2/1 | Black | Asphalt | 0-5.1 | Asphalt | |
| 4003.02 | n/r | not recorded | Brick & concrete | 5.1-35.6 | Brick & Concrete | |
| 4003.03 | 10YR3/4 | Dark yellowish brown | Silty sand | 35.6-95.3 | Fill | Glass, ceramics, brick, shell, meta |
| 4003.04 | 10YR5/4 | Yellowish brown | Sand | 95.3-151.1 | Subsoil | |
| Data taken 15 feet SE from 1 story brick building | | | | | | |

APPENDIX 2

ARTIFACT INVENTORY

APPENDIX 2
A. Table for National Park Service Material Culture Data Base Coding Chart: Groups, Classes and Materials

| GROUPS AND CLASSES | | MATERIALS - COMMON LIST (CLASSIFIED) | |
|------------------------------|---|--------------------------------------|---------------------------------------|
| 01 KITCHEN GROUP | 09 ACTIVITIES GROUP | INORGANIC MATERIALS | ORGANIC MATERIALS |
| 01 Dishes | 01 Construction tools | CERAMIC | CELLULOSIC |
| 02 Containers | 02 Farm tools | 001 Porcelain | 115 Bark |
| 03 Tableware | 03 Leisure activities | 002 Stoneware | 108 Burlap |
| 04 Kitchenware | 04 Fishing gear | 003 Earthenware | 128 Charcoal |
| | 05 — | 004 Whiteware/ironstone/granite | 082 Cork |
| 02 FAUNAL/FLORAL GROUP | 06 — | 134 Undifferentiated ceramic | 087 Cotton |
| 01 Mammalia | 07 Pottery class | | 131 Fiberboard/masonite |
| 02 Aves | 08 Storage items | CLAY | 085 Hemp |
| 03 Reptilia | 09 — | 047 Clay | 011 Paper |
| 04 Amphibia | 10 Stable and barn | 062 Kaolin | 008 Wood |
| 05 Pisces | 11 Miscellaneous hardware | 079 Red clay | 121 Cellulose seeds/ seed covering |
| 09 Ethnofaunal/Zoological | 12 Specialized activities | CONSTRUCTION | CONSTRUCTION |
| 10 Ethnobotanical | 13 Military objects | 009 Brick | 093 Asphalt |
| | 14 Housekeeping | 071 Cement | 125 Formica |
| | 15 Public services | 070 Mortar | 101 Linoleum |
| 03 ARCHITECTURAL GROUP | | 072 Plaster | 102 Tar paper |
| 01 Window glass | 10 PREHISTORIC GROUP | | |
| 02 Nails | 01 Hunting and fishing activities | GLASS | WAX |
| 03 Spikes | 02 Domestic activities | 013 Milk glass | 076 Wax |
| 04 Door & Window hardware | 03 Stone working | 078 Glass | GUM/RESIN |
| 05 Other structural hardware | 04 Wood working | 112 Slag and clinker | 010 Rubber, elastic |
| 06 Construction materials | 05 Digging tools | | 008 Rubber, hard |
| 04 FURNITURE GROUP | 06 Other fabricating or processing tools | METALS | PETROCHEMICALS |
| 01 Hardware | 07 Other general utility tools | 005 Tin | 073 Carbon |
| 02 Materials | 08 Ceremonial & ornamental | 019 Silver | 095 Coal |
| 03 Lighting device | 09 Miscellaneous | 021 Gold | 048 Graphite |
| 04 Decorative furnishings | | 026 Cuprous metal | 116 Tar |
| 05 ARMS GROUP | 11 SAMPLES | 028 Ferrous alloy | PROTEIN |
| 01 Projectiles | -- Charcoal samples for radiocarbon dating | 029 Aluminum | 118 Chitin (arthropod, exoskeleton) |
| 02 Cartridge case | -- Flotation samples | 032 Steel | 106 Felt |
| 03 Arms accessories | -- light fraction | 034 Lead | 122 Flesh |
| 04 Gun parts | -- heavy fraction | 035 Chrome | 016 Hair |
| | -- Soil samples | 096 Mercury | 117 Keratin (horns/fingernails/claws) |
| 00 CLOTHING GROUP | 08 UNSPECIFIED GROUP | 130 Undifferentiated metal | 015 Leather |
| 01 Apparel | | STONE | 107 Silk |
| 02 Ornamentation | | 129 Agate | 090 Sponge, natural |
| 03 Making and repair | | 075 Asbestos | 105 Wool |
| 04 Fasteners | | 133 Chalk | COMBINATION MATERIALS |
| 07 PERSONAL GROUP | | 052 Chert | 017 Bone |
| 01 Coins | | 042 Granite | 132 Ivory |
| 02 Keys | | 046 Gravel | 067 Pearl |
| 03 Writing paraphernalia | | 109 Jet | 089 Shell |
| 04 Grooming and hygiene | | 038 Limestone | SYNTHETIC MATERIALS |
| 05 Personal ornamentation | | 041 Marble | 103 Celluloid |
| 06 Other personal items | | 049 Mica | 088 Nylon |
| 08 TOBACCO PIPE GROUP | | 058 Obsidian | 008 Plastic |
| 01 Kaolin pipe class | | 057 Ochre | 077 Soap |
| 02 Nonkaolin pipe | | 068 Precious stone | 091 Sponge, synthetic |
| 03 Smoking accessories | | 053 Quartz | 104 Synthetic |
| | | 054 Quartzite | TEXTILE |
| | | 030 Sandstone | 151 Undifferentiated textile |
| | | 044 Shale | |
| | | 040 Slate | |
| | | 060 Steatite | |
| | | 043 Schist | |
| | | 126 Undifferentiated stone | |

APPENDIX 2
B. Table for Data Base Coding Chart: Groups and Classes

| GROUPS AND CLASSES | |
|--------------------------------|--|
| 01 KITCHEN | SAMPLE ARTIFACTS |
| 01 Dishes | Plate, cup, salt cellar |
| 02 Containers | Bottle glass fragments |
| 03 Tableware | Eating utensils |
| 04 Kitchenware | Cooking utensils, pot, kettle |
| 02 FAUNAL/FLORAL GROUP | |
| 01 Mammalia | Mammal |
| 02 Aves | Bird |
| 03 Reptilia | Reptile |
| 04 Amphibia | Amphibian |
| 05 Pisces | Fish |
| 06 Other ethnofauna/zoological | Oyster, crab, egg shells |
| 16 Ethnobotanical | Seeds, nuts |
| 03 ARCHITECTURAL GROUP | |
| 01 Window glass | Window pane glass |
| 02 Nails | Nails |
| 03 Spikes | Railroad spikes |
| 04 Door & Window hardware | Doorknob, door hinge |
| 05 Other Structural hardware | Pipe, fireplace tiles |
| 06 Construction materials | Brick, mortar, roofing |
| 04 FURNITURE GROUP | |
| 01 Hardware | Handle, drawer pull, latch |
| 02 Materials | Stove parts, chair part, bedframe |
| 03 Lighting device | Candlestick, lamp base |
| 04 Decorative furnishings | Flowerpot, clock parts, vase |
| 05 ARMS GROUP | |
| 01 Projectiles | Shot, bullets |
| 02 Cartridge case | Cartridge |
| 03 Arms accessories | Gun flint, bullet molds, powder horn |
| 04 Gun parts | Pistol barrel, flintlock assembly |
| 06 CLOTHING GROUP | |
| 01 Apparel | Hat, coat, scarves, glove, shoe |
| 02 Ornamentation | Beads, sequin, hatpin, feather |
| 03 Making and Repair | Thimble, straight pin, scissors |
| 04 Fasteners | Buttons, snaps, buckles, cufflink |
| 07 PERSONAL GROUP | |
| 01 Coins | Coins |
| 02 Keys | Door lock keys, padlock keys |
| 03 Writing paraphernalia | Quill, fountain pen nib, graphite pencil |
| 04 Grooming & hygiene | Hairbrush, razor, mirror, tweezers |
| 05 Personal ornamentation | Jewelry, ribbon, ornamental comb |
| 06 Other personal items | Pocket watch, key chain, pocket knife |

| GROUPS AND CLASSES | |
|--|--|
| 08 TORACCO PIPE GROUP | Kaolin pipe |
| 01 Kaolin pipe | Coracob pipe |
| 05 Nonkaolin pipe | Snuff tin, cuspidor, tobacco tin, pipe cleaner |
| 06 Smoking accessories | |
| 09 ACTIVITIES GROUP | |
| 01 Construction tools | Axe head, drill bit, saw, paintbrush |
| 02 Farm tools | Hoe, rake, plow blade |
| 03 Leisure activities | Marbles, jew's harp, doll parts |
| 04 Fishing gear | Fish hooks, sinkers, crab trap |
| 05 — | |
| 06 — | |
| 07 Pottery class | Indian water jar, effigy pot |
| 08 Storage items | Crock, barrel staves, sacks |
| 09 — | |
| 10 Stable and barn | Stirrup, horseshoe, rein, harness belt |
| 11 Miscellaneous hardware | Rope, bolts, nuts, washers, chain |
| 12 Specialized activities | Button blanks, metallurgic debris, saggers |
| 13 Military objects | Insignia, bayonets |
| 14 Housekeeping | Broom, coat hanger, washboard |
| 15 Public services | Sewer pipe, water pipe |
| 10 PREHISTORIC GROUP | |
| 01 Hunting and Fishing | Projectile point, atlatl hook |
| 02 Domestic | Vessel, mortar, pestle |
| 03 Stone working | Hammerstone, baton, flake, core |
| 04 Wood working | Celt, grooved axe |
| 05 Digging Tools | Hoe |
| 06 Other fabricating or processing tools | Drill, chisel, needle |
| 07 Other general utility tools | Knife, prismatic blade, chopper |
| 08 Ceremonial & ornamental | Sheet, gorget, bead |
| 09 Miscellaneous | Function unknown |

APPENDIX 2

C. Table for Data Base Coding Chart: Prehistoric Artifacts - Class and Morphology

Class 01: Hunting and Fishing Activities

- 01 - Projectile point
- 02 - Birdstone
- 03 - Bannerstone
- 04 - Boatstone
- 05 - Fish hook
- 06 - Netsinker
- 07 - Atlatl hook

Class 02: Domestic Activities

- 13 - vessel
- 14 - mortar
- 15 - pestle
- 16 - muller
- 17 - groundstone fragment

Class 03: Stone Working

- 21 - Hammerstone
- 22 - Baton
- 23 - Tine
- 24 - Splinter
- 25 - Drift or "punch"
- 26 - Anvil
- 27 - Flake, primary
- 28 - Flake, secondary
- 29 - Bifacial thinning flake
- 30 - Core
- 31 - Blank
- 32 - Tested piece

Class 04: Wood Working

- 37 - Celt
- 38 - Grooved axe
- 39 - Spokeshave

Class 16: Ethnobotanical

- Seeds
- Nuts

Class 06: Other Fabricating or Processing Tools

- 51 - Perforator
- 52 - Drill
- 53 - Awl
- 54 - Reamer
- 55 - Chisel
- 56 - Microperforator
- 57 - Needle
- 58 - Graver

Class 07: General Utility Tools

- 67 - Knife
- 68 - Side scraper
- 69 - Core scraper
- 70 - Stemmed end scraper
- 71 - Other end scraper
- 73 - Prismatic blade
- 74 - Chopper
- 75 - Utilized/Retouched flake
- 76 - Pitted pebble
- 77 - Gouge
- 78 - Maul
- 79 - Abrader
- 80 - Whetstone
- 81 - Biface
- 82 - Adze
- 83 - Distolateral scraper
- 84 - Bifacial end scraper
- 85 - Bifacial scraper

Class 08: Ceremonial & Ornamental Objects

- 85 - Angled pipe
- 86 - Tube
- 87 - Platform pipe
- 88 - Cloud blower pipe
- 89 - Sheet
- 90 - Plates
- 91 - Comb
- 92 - Bead
- 93 - Gorget
 - Hematite
 - Ochre

APPENDIX 2

D. Table for Data Base Coding Chart: Ambiguous Items of Material Culture

Note: The items listed below may be ambiguous or hard to place in a taxonomic category, but as a convention, for inventory purposes, will be coded as follows:

| | | | |
|---|---|-----|---------|
| Unidentified wood fragments | 98 | 00 | 006 |
| Construction wood | 03 | 06 | 006 |
| Pegs, Wood planks | 03 | 06 | 006 |
| Twigs, branches | 09 | 16 | 006 |
| Burned wood (partial) | Code as wood (above) and put "burnt wood" in the comments section | | |
| Charcoal and all small fragments of completely burnt wood | Code as charcoal | | |
| Coal | 98 | 00 | 095 |
| Slag, burned coal, vitrified metalworking or manufacturing by-products | 98 | 00 | 112 |
| Pantiles | 03 | 06 | 003 |
| Delft fireplace tiles, wall skirting, etc. | 04 | 04 | 003 |
| Porcelain bathroom tiles, other bathroom furniture (tub, toilet, etc.) | 03 | 05 | 001 |
| Chamber pot | 04 | 02 | 00- |
| Flowerpot | 04 | 04 | 002 00- |
| Teeth | 02 | -- | 132 |
| Fish scales | 02 | 09 | 118 |
| Coral | 04 | 04 | 119 |
| Eggshell | 02 | 09 | 119 |
| Seeds, seed covering | 02 | 16 | 121 |
| Schist (construction) | 03 | 06 | 043 |
| Schist (unidentified) | 98 | 00 | 043 |
| Red brick | 03 | 06 | 169 |
| Yellow brick | 03 | 06 | 155 |
| Linoleum | 03 | 06 | 101 |
| Metal hardware (probably construction) | 03 | 06 | () |
| Furniture hardware | 04 | 01 | () |
| Miscellaneous hardware (other and unidentified including screws, car parts) | 09 | 11 | () |
| Leather shoe parts | 06 | 01 | 015 |
| Unidentified leather scraps | 98 | 00 | 015 |
| Leather personal items | 07 | () | 015 |

ARTIFACT INVENTORY
Phase 1B Testing, 188 Atlantic Avenue
Brooklyn, New York

| Context | Gp | Cl | Mph | Mat | Identity | Count | Comments | Reference | Range | Cat# |
|--------------------|----|----|-----|-----|-----------------|-------|---|-----------|-------------------------------|-------|
| ===== | == | == | == | == | ===== | ===== | ===== | ===== | ===== | ===== |
| ** Context 4001.03 | | | | | | | | | | |
| 4001.03 | 01 | 01 | 001 | 004 | Semi-Porcelain | 3 | Plate Rim sherds Mend Rim decorated w/decal Polychrome floral & fruit bowl | | | 1 |
| 4001.03 | 01 | 01 | 004 | 004 | Ironstone | 1 | Cup Rim Underglaze & overglaze handpainted red oriental poppy exterior | | | 2 |
| 4001.03 | 01 | 01 | 001 | 004 | Ironstone | 1 | Base sherd partial maker's mark | | | 3 |
| 4001.03 | 01 | 01 | 003 | 004 | Ironstone | 1 | Bowl Base undecorated | | | 4 |
| 4001.03 | 01 | 02 | | 078 | Container glass | 1 | Colorless body sherd thick mold seam up side panelled embossed "B..." and either "B..." or "P..." underneath | | | 6 |
| 4001.03 | 01 | 02 | | 078 | Container glass | 1 | Olive body sherd rectangular or panelled bottle | | | 7 |
| 4001.03 | 01 | 02 | | 078 | Bottle glass | 1 | Colorless finish-neck sherd | | | 8 |
| 4001.03 | 01 | 02 | | 078 | Bottle flass | 1 | Light green uranium glass lip-neck sherd crown finish seam to lip 2-part mold machine-made | | Post-1905 | 9 |
| 4001.03 | 03 | 01 | 001 | 078 | Flat glass | 1 | Aqua | | | 10 |
| 4001.03 | 03 | 06 | 015 | 069 | Brick | 1 | Red unmarked 8"x 3 1/2" x 2 1/4" | | | 11 |
| 4001.03 | 04 | 03 | 034 | 025 | Lamp | 1 | Ceiling Electrical socket & cuprous holder 4" diameter | | | 18 |
| 4001.03 | 07 | 03 | 013 | 013 | Ink Jar | 1 | Complete jar on body near base: "8 FLUID OZ" on base: "CARTER'S, 6 118" | | | 5 |
| ** Subtotal ** | | | | | | 14 | | | | |
| ** Context 4002.03 | | | | | | | | | | |
| 4002.03 | 01 | 02 | | 078 | Bottle glass | 1 | Olive body-base sherd | | | 12 |
| 4002.03 | 01 | 02 | | 078 | Bottle glass | 4 | Aqua body sherds | | | 13 |
| 4002.03 | 01 | 02 | | 078 | Bottle glass | 1 | Aqua body-base sherd embossed "ST 18" thick mold seams around base & up side | | | 14 |
| 4002.03 | 01 | 02 | | 078 | Bottle glass | 1 | Green lip-shoulder sherd flat ring finish no mold seams blown glass | | | 15 |
| 4002.03 | 03 | 06 | 015 | 069 | Brick | 1 | Red "ROSE" 8 1/4"x 3 3/8"x 2 1/4" Rose Brick Company, Kingston, NY - office in NYC on 52nd St | | 1884 to early 20th century | 16 |
| 4002.03 | 03 | 06 | 155 | 069 | Brick | 1 | Pale yellow "DAVID SAVAGE" within an oval panel greater than 7 1/2" in length x 4 1/2" x 2 1/2" | | | 17 |

ARTIFACT INVENTORY
Phase 1B Testing, 188 Atlantic Avenue
Brooklyn, New York

| Context | Gp | Cl | Mph | Mat | Identity | Count | Comments | Reference | Range | Cat# |
|--------------------|----|----|-----|-----|---------------|-------|---|-------------------------------------|-----------|-------|
| ===== | == | == | == | == | ===== | ===== | ===== | ===== | ===== | ===== |
| ** Subtotal ** | | | | | | 9 | | | | |
| ** Context 4003.03 | | | | | | | | | | |
| 4003.03 | 01 | 01 | 051 | 001 | Porcelain | 1 | Eggcup Rim sherd 2" diameter undecorated | | | 64 |
| 4003.03 | 01 | 01 | 001 | 001 | Porcelain | 1 | Plate Rim sherd 6" diameter undecorated | | | 70 |
| 4003.03 | 01 | 01 | | 001 | Porcelain | 2 | Body sherds Undecorated | | | 84 |
| 4003.03 | 01 | 01 | 001 | 001 | Porcelain | 3 | Plate Base | | | 85 |
| 4003.03 | 01 | 01 | | 002 | Red stoneware | 1 | Lusterware White slipped interior White slipped band exterior Exterior coated w/iridescent copper luster glaze with slipped portion decorated with pink floral design | | | 80 |
| 4003.03 | 01 | 01 | 003 | 003 | Yellowware | 1 | Base Clear glaze interior & exterior | | | 67 |
| 4003.03 | 01 | 01 | 001 | 004 | Hotelware | 2 | Plate Mend Maker's mark: Scammell's Trenton China" Underglaze transfer printed brown floral border | Lehner 1988:407-8 DeBolt 1988:91 | 1924-1954 | 61 |
| 4003.03 | 01 | 01 | | 004 | Hotelware | 1 | Maker's mark: Scammell's Trenton China | Lehner 1988:407-8 DeBolt 1988:91 | 1924-1954 | 62 |
| 4003.03 | 01 | 01 | 004 | 004 | Hotelware | 1 | Underglaze transfer printed brown floral pattern (same as above 2 entries) | Lehner 1988:407-8 DeBolt 1988:91 | 1924-1954 | 63 |
| 4003.03 | 01 | 01 | 004 | 004 | Ironstone | 1 | Cup Rim-body sherd w/partial handle 4" diameter undecorated | | | 65 |
| 4003.03 | 01 | 01 | 003 | 004 | Ironstone | 2 | Base sherds MendUnderglaze blue transfer printed botanical design with border | | | 68 |
| 4003.03 | 01 | 01 | 001 | 004 | Ironstone | 1 | Plate Rim sherd Scalloped edge 8" diameter | | | 69 |
| 4003.03 | 01 | 01 | | 004 | Ironstone | 1 | Spalled Aqua glazed interior Yellow band bordered by gold gilding on exterior | | | 71 |
| 4003.03 | 01 | 01 | 004 | 004 | Ironstone | 1 | Cup/bowl Rim sherd 4" diameter undecorated | | | 72 |
| 4003.03 | 01 | 01 | 004 | 004 | Ironstone | 1 | Cup/bowl Rim sherd 4" diameter Underglaze transfer print polychrome yellow rose motif | | | 74 |
| 4003.03 | 01 | 01 | 001 | 004 | Ironstone | 1 | Plate Base w/footring Underglaze transfer print black daisy motif | | | 75 |
| 4003.03 | 01 | 01 | 003 | 004 | Ironstone | 1 | Shallow bowl Rim | | | 76 |
| 4003.03 | 01 | 01 | | 004 | Ironstone | 1 | Rim sherd Scalloped | | | 77 |
| 4003.03 | 01 | 01 | | 004 | Ironstone | 1 | Underglaze and overglaze polychrome painted petit leafed branch pattern | | | 78 |
| 4003.03 | 01 | 01 | | 004 | Ironstone | 1 | Body sherd Light blue glaze | | | 79 |

ARTIFACT INVENTORY
Phase 1B Testing, 188 Atlantic Avenue
Brooklyn, New York

| Context | Gp | Cl | Mph | Mat | Identity | Count | Comments | Reference | Range | Cat# |
|---------|----|----|-----|-----|--------------------|-------|---|--------------------------|-----------------------|-------|
| ===== | == | == | === | === | ===== | ===== | ===== | ===== | ===== | ===== |
| 4003.03 | 01 | 01 | 031 | 004 | Ironstone | 1 | Cup/bowl Rim sherd 4" diameter Flow blue with geometric and botanical design interior & exterior | | | 81 |
| 4003.03 | 01 | 01 | | 004 | Ironstone | 8 | Body sherds undecorated | | | 82 |
| 4003.03 | 01 | 01 | | 004 | Cream colored ware | 1 | Body sherd Undecorated | | | 83 |
| 4003.03 | 01 | 01 | | 013 | Tableware glass | 1 | Milk glass Molded corner Base to rim sherd | | | 73 |
| 4003.03 | 01 | 02 | | 002 | Stoneware | 1 | Rim sherd 9" diameter buff glazed exterior, dark brown glazed interior | | | 66 |
| 4003.03 | 01 | 02 | | 013 | Milk glass | 1 | Body sherd | | | 87 |
| 4003.03 | 01 | 02 | 006 | 078 | Milk Jug | 1 | Colorless Complete Borden's 1 pint made by Owens-Illinois | | | 19 |
| 4003.03 | 01 | 02 | 006 | 078 | Milk Jug | 4 | Colorless Mends complete Borden's 1 quart made by Owen-Illinois | | | 20 |
| 4003.03 | 01 | 02 | | 078 | Bottle glass | 1 | Light blue Missing lip Flask shaped plain oval base more than 8" tall, base: 4 1/2" x 1 3/4" 2-part mold Cup bottom mold | Jones & Sullivan 1985:45 | ca. 1850 - present | 22 |
| 4003.03 | 01 | 02 | | 078 | Bottle glass | 1 | Aqua body-base sherd 2 1/2" base diameter | | | 23 |
| 4003.03 | 01 | 02 | | 078 | Bottle glass | 1 | Brown body-base sherd 3" base diameter with 1/2" deep push-up | | | 24 |
| 4003.03 | 01 | 02 | 006 | 078 | Milk Jug | 3 | Colorless body sherds Borden milk jug | | | 25 |
| 4003.03 | 01 | 02 | | 078 | Bottle glass | 1 | Brown body-base sherd 3 1/2" base diameter made by Owens-Illinois | | | 26 |
| 4003.03 | 01 | 02 | | 078 | Bottle glass | 1 | Brown body-base sherd 2 1/2" base diameter base embossed "...ELGER, ...K, ...INC." | | | 27 |
| 4003.03 | 01 | 02 | | 078 | Bottle glass | 1 | Aqua base sherd 3 1/2" base diameter embossed "2" on base | | | 28 |
| 4003.03 | 01 | 02 | | 078 | Bottle glass | 1 | Light green finish-neck sherd crown finish machine made | Jones & Sullivan 1985:39 | Post-1905 | 29 |
| 4003.03 | 01 | 02 | | 078 | Bottle glass | 1 | Light green body sherd embossed "0..." | | | 30 |
| 4003.03 | 01 | 02 | | 078 | Bottle glass | 1 | Pale aqua finish-neck sherd probably crown finish | | | 31 |
| 4003.03 | 01 | 02 | | 078 | Bottle glass | 1 | Clear finish-neck sherd blob or ring type finish | | | 32 |
| 4003.03 | 01 | 02 | | 078 | Bottle glass | 1 | Brown finish-neck sherd crown finish machine made | Jones & Sullivan 1985:39 | Post-1905 | 33 |

ARTIFACT INVENTORY
Phase 1B Testing, 188 Atlantic Avenue
Brooklyn, New York

| Context | Gp | Cl | Mph | Mat | Identity | Count | Comments | Reference | Range | Cat# |
|----------------|----|----|-----|-----|----------------------|-------|---|--------------------------|----------------|-------|
| ===== | == | == | === | === | ===== | ===== | ===== | ===== | ===== | ===== |
| 4003.03 | 01 | 02 | 015 | 078 | Jar glass | 1 | Brown finish-shoulder sherd flat grooved ring finish | | | 34 |
| 4003.03 | 01 | 02 | | 078 | Container glass | 3 | Brown body sherds | | | 35 |
| 4003.03 | 01 | 02 | | 078 | Container glass | 3 | Colorless body sherds | | | 36 |
| 4003.03 | 01 | 02 | | 078 | Container glass | 1 | Pale green body sherd | | | 37 |
| 4003.03 | 01 | 02 | | 078 | Container glass | 2 | Clear body sherds | | | 38 |
| 4003.03 | 02 | 01 | | 017 | Bone | 22 | Mammal | | | 88 |
| 4003.03 | 02 | 09 | | 089 | Shell | 1 | Clam | | | 47 |
| 4003.03 | 03 | 01 | 001 | 078 | Flat glass | 6 | Aqua | | | 39 |
| 4003.03 | 03 | 02 | | 028 | Nail | 1 | Rusted & corroded 4 1/2" | | | 50 |
| 4003.03 | 03 | 02 | | 028 | Nail Fragments | 3 | Rusted & corroded | | | 51 |
| 4003.03 | 03 | 04 | | 001 | Door Knob | 1 | Broken Undecorated | | | 86 |
| 4003.03 | 03 | 05 | | 001 | Hardware | 1 | Screw end plumbing/toilet part? Embossed: .OW//P614F | | | 41 |
| 4003.03 | 03 | 06 | | 041 | Polished Marble Slab | 1 | Black with white veins | | | 44 |
| 4003.03 | 03 | 06 | 015 | 069 | Brick Fragments | 2 | Red | | | 52 |
| 4003.03 | 03 | 06 | | 069 | Brick | 1 | Red "SHULTZ" 8" x 3 1/2" x 2 1/4" made by Shultz Brick Company of East Kingston, NY (Charles A. Shultz Brickyard) | | 1890-1929 | 53 |
| 4003.03 | 04 | 02 | 019 | 004 | Chamberpot | 3 | Rim sherds | | | 58 |
| 4003.03 | 04 | 02 | 019 | 004 | Chamberpot | 14 | | | | 59 |
| 4003.03 | 04 | 02 | 019 | 004 | Chamberpot | 3 | Rim sherds | | | 60 |
| 4003.03 | 04 | 04 | 002 | 003 | Flowerpot | 1 | Rim sherd 6" diameter | | | 54 |
| 4003.03 | 04 | 04 | 002 | 003 | Flowerpot | 1 | Rim sherd 9" diameter | | | 55 |
| 4003.03 | 04 | 04 | 002 | 003 | Flowerpot | 1 | Base sherd 3" diameter | | | 56 |
| 4003.03 | 04 | 04 | 002 | 003 | Flowerpot | 1 | Base sherd 2 1/2" diameter | | | 57 |
| 4003.03 | 04 | 04 | | 078 | Glass Panel | 1 | Colorless Molded | | | 40 |
| 4003.03 | 06 | 03 | 022 | 026 | Straight pin | 1 | Complete | | | 48 |
| 4003.03 | 06 | 03 | | 078 | Bottle glass | 1 | Clear Complete Embossed:"Sperm Sewing Machine Oil" Rectangular body & base Two-piece vertical mold w/ separate base 4 recessed panels Base embossed "N" "Harnett's Pharmacy/ Warranted/ ...K. B.../ London Made/ 9. Bible House, NY" | Jones & Sullivan 1985:28 | ca. 1850-1920s | 21 |
| 4003.03 | 07 | 04 | | 017 | Handle | 1 | Bone handle inscribed "Harnett's Pharmacy/ Warranted/ ...K. B.../ London Made/ 9. Bible House, NY" | | | 43 |
| 4003.03 | 09 | 03 | 001 | 078 | Marble | 1 | Blue | | | 42 |
| 4003.03 | 09 | 11 | 012 | 028 | Wire | 1 | Rusted & corroded | | | 49 |
| 4003.03 | 98 | | | 128 | Charcoal | 1 | | | | 46 |
| 4003.03 | 98 | 00 | | 095 | Coal | 1 | | | | 45 |
| ** Subtotal ** | | | | | | 138 | | | | |
| *** Total *** | | | | | | 161 | | | | |