



Field Investigation

LOWER EAST SIDE GIRLS CLUB

**Block 377, Lots 35, 41, 42, 43, 47, and 48
Avenue D between 7th and 8th Streets
New York, New York**

Field Investigation

LOWER EAST SIDE GIRLS CLUB

**Block 377, Lots 35, 41, 42, 43, 47, and 48
Avenue D between 7th and 8th Streets
New York, New York**

Prepared for:

101 Avenue D, LLC
C/O The Dermot Company
320 West 57th Street, Fifth Floor
New York, NY 10019

Prepared By:

Historical Perspectives, Inc.
P.O. Box 3037
Westport, CT 06880

Author:

Sara F. Mascia, Ph.D., R.P.A.

Contributing Author:

Richard Schaefer, Ph.D., R.P.A.

October 2009

TABLE OF CONTENTS

| | |
|---|----|
| INTRODUCTION | 1 |
| HISTORICAL SETTING | 1 |
| FIELD METHODOLOGY/RESEARCH DESIGN | 2 |
| RESULTS OF INVESTIGATIONS | 3 |
| ARTIFACT ANALYSIS AND SUMMARY OF RECOVERED FEATURES | 7 |
| CONCLUSIONS AND RECOMMENDATIONS | 21 |
| REFERENCES | 23 |

FIGURES

PHOTOGRAPHS

APPENDIX 1: Catalog of Recovered Artifacts from Excavated Trenches.

APPENDIX 2a: Catalog of Recovered Artifacts from Feature B, Mechanical Excavation.

APPENDIX 2b: Catalog of Recovered Artifacts from Feature B, Hand Excavation Units.

APPENDIX 3: Catalog of Recovered Artifacts from Feature C.

APPENDIX 4: Catalog of Recovered Artifacts from Feature D.

APPENDIX 5: Catalog of Recovered Artifacts from Feature E.

APPENDIX 6: Archaeobotanical Results, Feature B.

FIGURES

1. Project Location Map (USGS).
2. Archaeological Sensitivity Map.
3. Proposed Archaeological Testing Plan.
4. Map of Archaeological Test Trenches and Location of Identified Features.
5. Soil Profile of Trench 1.
6. Field Plan of Feature A.
7. Field Plan of Feature B.
8. Field Plan of Feature C.
9. Field Plan of Feature E.
10. Location of New York City Shipyards
11. Two Historic Views of the Novelty Iron Works

List of Photographs

1. Photograph of ground surface of the northwestern portion of the project site.
2. Photograph of ground surface of the northeastern portion of the project site.
3. Architectural Debris and Modern Trash in Overburden of Trench 1.
4. North Wall of Trench 1, showing brick and concrete building foundation and truncated Feature B below.
5. Photograph of Feature A in Trench 1, facing south.
6. Photograph of Features A and B in Trench 1, facing south.
7. .Photograph of remaining portion of the truncated Feature B, looking east, after hand excavation.
8. .Photograph of safety walls in Trench 1 for hand excavation.
9. Photograph of Feature B, looking north, at end of excavation
10. Photograph of Feature B, looking south, at end of excavation
11. Photograph of the Eastern End of Trench 1 at the end of excavation.
12. Photograph of Trench 2, showing modern trash and fill in upper levels.
13. Photograph of Utility Pipes in Trench 2, facing south.
14. Photograph of Feature C and Utility Pipes in Trench 2, facing north.
15. Photograph of Feature C in Trench 2, facing south.
16. Photograph of Feature D in south wall of Trench 2, showing oyster shells.
17. Photograph of the west wall of Trench 2, showing pipes to north and adjacent foundation walls.
18. Photograph of remaining portion of truncated Feature E, in Trench 2, looking north.
19. Photograph of large sections of marsh peat from beneath Feature E in Trench 2.
20. Photograph of the south wall of Trench 3 at the end of excavation.

I. INTRODUCTION

101 Avenue D, LLC in association with the Lower East Side Girls Club (LES Girls Club) has proposed the construction of a new Girls Club Facility and residential building on the property located at Block 377 on the Lower East Side of Manhattan, a neighborhood presently referred to as the East Village (Figure 1). The new facility will consist of 12 stories and a cellar in its central section. The site is an irregularly shaped parcel, consisting of Lots 35, 41, 42, 43, 47 and 48 (Figure 2). The project parcel has a 98-foot frontage on Avenue D to the east; extends 38 feet along East 7th Street on the south, and 50 feet along East 8th Street to the north. To the west are the remaining lots of Block 377. The project site does not include corner lots 37 and 45.

Following the recommendation of the New York City Landmarks Preservation Commission (LPC), an Archaeological Documentary Study, a Phase IA, was completed by Historical Perspectives, Inc. (HPI) in February 2008 (Historical Perspectives, Inc. 2008). LPC had advised that the project site once hosted dwellings before the arrival of Croton Reservoir water in the City (1842), as well as rear yard spaces which might not have experienced subsequent construction. HPI's Documentary Study on Block 377 identified potentially sensitive areas that fall within Lots 35, 42, 43, 47, and 48 and recommended field testing in order to establish the presence/absence of buried resources. Each of the areas corresponded to the undisturbed portion of a nineteenth century residential rear or center lot. Figure 3 illustrates these areas in relation to the bounding streets.

The Documentary Study was reviewed by LPC as a function of the City Environmental Quality Review (CEQR) process. LPC concurred with the Documentary Study findings and requested field investigations of those sensitive land areas that will be impacted by the project (A. Sutphin, 5/19/08). According to the finalized design plans (10/8/08), only a portion of the archaeologically sensitive area falls within the Area of Potential Effect (APE). See the attached illustration of the cellar-level footprint that defines the relationship of the APE to the archaeologically sensitive area, Figure 4.

Because documentary evidence does not securely constitute "ground truth," archaeological field testing is designed to verify or deny the conclusions of the initial assessment by establishing the actual presence or absence of cultural resources on the site. According to CEQR, a testing protocol must be established and submitted to LPC for review and approval prior to the initiation of archaeological field investigations. HPI submitted a testing protocol that provided substantive information on (1) the identified resource sensitivity; (2) current research issues to be addressed through the field investigation; (3) field testing strategies; (4) an Unanticipated Discovery Plan; (5) plans for educational outreach (both professional and public audiences); and, (6) resumes of archaeological field director and on-call specialist. To create the field protocol HPI consulted and followed LPC's "Guidelines for Archaeological Work in New York City" (2002). The testing protocol called for the excavation of three test trenches within the area deemed sensitive for potential historical resources. LPC reviewed and concurred with the proposed excavation protocol (1/15/09).

During the field investigation three trenches were explored and documented in order to determine the context and integrity of the soil strata present as well as to further ascertain whether or not any intact cultural resources were extant. The appropriate field notations, drawings and photographs were made during fieldwork (see Figures 1-11; Photographs 1-20; Appendices 1-6).

II. HISTORICAL SETTING

In its natural state, the project site was once part of an extensive swampy meadow that was altered by 19th-century filling operations. Although development along the waterfront was progressing rapidly during the early 19th century, the City Council did not agree to fill in what was called "Stuyvesant's Meadow" until 1826, when land from nearby hills was likely used to create the new surface. After that date, the project neighborhood was established and assigned block and lot numbers. As noted in the Documentary Study, if not disturbed from prior grading and/or filling, specific portions of the project site might be sensitive for the recovery of cultural resources. Based on the documentary evidence collected for the report and the review of the history of utility installation in this portion of the Lower East Side, portions of the APE are considered potentially sensitive for domestic shaft features (privies and wells) dating to the period of earliest residential occupation, ca. 1833 to 1836. Privies, wells,

and cisterns, which are often filled with contemporary refuse related to the dwellings and their occupants, can provide important stratified cultural deposits for the archaeologist and frequently provide the best remains recovered on sites.

III. FIELD METHODOLOGY/RESEARCH DESIGN

A visual inspection of the project APE found that the majority of the ground surface was covered by disturbed soils and a significant layer of modern architectural demolition debris and trash (Photographs 1-2). The objective of field testing was to (1) ascertain the presence/absence of historical archaeological deposits and possible buried backyard features dating from the early nineteenth century residential occupation of the project site; and (2) determine the potential significance of recovered resources.

Potential Resources

Although shaft features might have existed on several of the residential lots, from Building Department and cartographic evidence it is known that much of the APE has undergone deep disturbance from the construction of the cellars and foundations of the later brick tenements. Much of this “new” construction occurred on the old center yards in which water and privy systems would have been constructed. As mentioned above, the back lots of dwellings typically have the potential to contain a myriad of buried cultural resources, and in most cases it is the location of shaft features (wells, cisterns, privies) used by the residents prior to the advent of public utilities. These resources are easily identified and often the receptacle of household refuse, especially when they were no longer needed. The shafts were usually filled and capped providing stratified deposits within the feature. Because of the unique depth of these resources, the lowest levels are rarely disturbed even if the feature becomes truncated by subsequent historical activity. The deepest layers often act as a time capsule, preserving historical artifacts within the enclosed environment. Portions of the rear yards of Lots 35, 39, 42, 43, 47, and 48, were determined to be potentially sensitive for features dating to the period of earliest residential occupation, ca. 1833 to 1836. (Figures 2-4).

According to the CEQR guidelines for cultural resources, the determination of potential significance of a project site is directly related to whether the identified resources type “is likely to contribute to current knowledge of the history of the period in question” (Section 321.2. Determine Significance of Past Uses that May Remain). The determination of significance is largely dependent on the research issue identified in the Documentary Study:

- *Changing demographics of the Lower East Side during much of the 19th century.* Consumption patterns are strongly influenced by socioeconomic status, occupation, household composition and ethnicity. What a person buys and/or uses on a routine basis is behavior that reflects the multiple components of that individual’s life. The project historic lots were a part of rapid expansions of this neighborhood in Manhattan during the nineteenth century. Would this physical expansion, increased crowding, and personal adaptations to urbanization be reflected in the physical remains?

Because of the reported introduction of substantial fill to the site, the field testing plan was designed to utilize machine-aided methods to explore the area deemed sensitive. The archaeological testing for truncated remains of abandoned buried features necessitated the removal of fill strata, which is very difficult and time consuming to accomplish with a shovel. Since the archaeological testing is planned to determine if historical back yard features are present, this quick-paced and large scale level of excavation is appropriate.

To reiterate, the primary objective of the field testing was to ascertain the presence or absence and nature of any buried cultural resources on the site. In order to achieve this goal, a number of field procedures were undertaken at the site, which briefly are described as follows:

- 1) The identification of a the area of potential sensitivity was selected based on the information derived from the Archaeological Documentary Study data within the current APE (10/08);
- 2) A series of machine-excavated test trenches were planned for the project site (field investigations were restricted to the location identified as sensitive for possible archaeological

resources). The number and size of each trench was established in the approved protocol (Figure 3);

- 3) Soils within each of the trenches were removed by the backhoe under the direction of the archaeologists;
- 4) Any features exposed during testing were explored by both mechanical and hand excavations;
- 5) All features were recorded using the metric system; and,
- 6) A sample of diagnostic artifacts was collected from the yard scatter. Artifacts were also collected from within the remaining portions of the truncated features (B and E) and from Features C and D. The artifacts collected were packaged for removal to the laboratory for cleaning, cataloging, and analysis (Appendices 1-5).

The field actions were designed to ensure that the site and any potential features were completely explored. Because of the depth of potential features within the APE, a combination of hand and mechanical excavation methods would be utilized to ensure that the features be sufficiently sampled so as to indicate if further testing was necessary. If historical features were exposed by the backhoe, shovel shaving and/or hand excavation testing methods would be employed. If a concentration of artifacts or a significantly different soil stratum was uncovered, the materials or soil layer would be assessed in order to determine if they were associated with any features or intact cultural surfaces and if further archaeological examination was warranted.

IV. RESULTS OF INVESTIGATIONS

During June 2009, field testing at the LES Girls Club project site was completed. Machine-aided excavation removed surface refuse, as well as any fill layers containing 20th century debris (Photographs 1 and 2). As mentioned above, the testing plan called for the excavation of a series of trenches within the former backyards. The goal of the field examination was to expose any buried intact historical yard surfaces and/or deeply buried cultural features. As established in the approved protocol, a total of three trenches were examined within the sensitive areas of the APE (11/08). The field archaeologists directed the backhoe operator to remove only shallow increments of soil when nearing the location of a possible historic buried ground surface.

Below is a summary of the results of field testing completed by HPI.

Trench 1

Although plans called for Trench 1 to be approximately 7.5 x 45 feet in size, the final area excavated was approximately 10 x 50 feet (3 x 15.2 meters). The east-west trench was located in the central portion of the block at the rear of former Lots 47 and 48 (fronting onto 7th Street) as well as a portion of Lot 43, which fronts on Avenue D (Figure 4). A series of both compact and loose fill layers was identified beneath modern refuse/architectural demolition debris (Table 1).

Table 1. Stratigraphy of West Half of Trench 1, Lots 47 and 48

| Level | Depths | Description |
|--------------|---|--|
| 1 | 0--130 cm | Architectural demolition debris and modern trash |
| 2 | 130-150 cm | Dark yellowish brown (10YR 4/6) sandy fill with architectural debris |
| 3 | 150-169 cm | Brown (10YR 3/3) coarse sand fill |
| 4 | 169-196 cm | Dark brown (10YR 4/3) gravelly silty sand fill |
| 5 | 196-297 cm water table at 280 cmbs | Very dark grayish brown (10YR 3/2) to black (10YR 2/2) gravelly silty sand (former Feature B interior fill) mixed with brown (10YR 4/3) coarse sand lenses; the remaining portion of Feature B was present in this stratum |
| 6 | 297-375 cm | Dark yellowish brown (10YR 4/6) fine silty sand subsoil |

The trench was excavated by machine under the supervision of the HPI archaeologist and the mixed strata identified in Trench 1 were found to be typical across the site, with the exception being the number and amount of different fill episodes used to create a level surface during the 20th century. The narrow trench was placed in the location of a former alley at the back yards of Lots 43, 47 and 48 (Figure 4).

Over one meter of fill with modern trash was revealed during the excavation (Photograph 3). At the western end of the trench the former rear walls of the buildings in Lots 47 and 48 was encountered. In addition, the substantial brick foundation and concrete footing of the former late 19th century building at the rear (west) of Lot 42 was exposed on the north side of the trench (Photograph 4). Testing within the trench revealed numerous fill strata beneath the modern debris (see Photograph 6; Figure 5).

At a depth of 50-80 centimeters below the surface (1.6 - 2.6 feet) the remains of a small addition on the rear of the former building in Lot 47 was observed (Figure 6; Photographs 5 and 6). The addition, identified as Feature A, was the remnant of a former water closet that had been added to the exterior of the structure and protruded out into the former yard. In fact, several large fragments of a shattered ceramic toilet were still present in this location. On the north side of Feature A, two large pipes extended down beneath the former water closet and into the alley where they turned and traveled west to the end of the trench. A large stone was found pressed against the pipes and the brick/stone foundation of the feature. Further excavation revealed that the stone was part of an older feature that had been severely truncated by the installation of the water closet and the associated pipes.

The second feature (Feature B), found beneath the water closet was a section of a truncated circular stone-lined privy (Figure 7). Upon further examination it was found that almost the entire central section of Feature B had been demolished, perhaps to allow the pipes associated with the water closet to travel through the alley. Continued excavation revealed the north and south walls of the feature were still standing at the edges of the trench. Sections of both the north and south walls of the feature were found adjacent to, and partially beneath the remains of the abutting building foundations. A portion of the south wall had been protected from later demolition by the presence of Feature A and a portion of the north wall was beneath the foundation concrete, thus protecting it from complete destruction (Photographs 4 and 6). It was determined that the diameter of the former privy once measured 2.1 m (approximately 7 ft). At approximately 169 cm below the surface (cmbs), a thick very dark brown silt stratum (Level 4), the mixed remnants of the interior feature fill combined with the former surrounding soils, was revealed beneath a thin ashy level. A scatter of 19th century artifacts was noted within the level surrounding the remaining parts of Feature B.

Approximately 35 cm of the central section of the feature remained *in situ* and was found at a depth of 2.5 meters below the surface (8.2 feet). Approximately 35-55 cm of interior feature soil sloped downward from the remaining fragments of the north and south walls to the center of the feature. The remaining *in situ* portion of the feature was cleared for hand excavation.

At this depth, groundwater was flowing into the trench and a pump was utilized to continue the excavation. A large steel trench barrier was also inserted into the open trench by the construction management team to protect the archaeologists until the depth of the remaining feature could be determined (Photograph 8). Three hand excavated test units were explored in 20-centimeter increments (see Appendix 2A). Test Unit 1 was located within the Feature along the eastern wall and was approximately 40 x 60 cm in size (Figure 7; Photograph 7). Testing revealed a 5-10 cm lens/layer of wood fragments and shavings that extended from 10-40 cm within the test unit. Samples of wood fragments were collected for further study (discussed below). A mixture of domestic artifacts was also present throughout the test unit (Appendix 2A). The soils above and below the wood lens were a very dark grayish brown (10YR 3.2) coarse silty sand.

The thickness of the wood lens necessitated the excavation of Test Unit 2, immediately adjacent to the south wall of Test Unit 1 (see Figure 7). Test Unit 2 was approximately 20 X 60 cm in size (see figure 7). Excavation of these two units continued until the base of the stone was identified after approximately 60 cm of fill had been removed (Photograph 9). Testing found that the thickest deposit of the wood scraps and shavings was located along the east wall, with the lens becoming thinner to the west and south.

A third excavation unit (Test Unit 3) was placed in the location of the former west wall of the privy vault (Figure 7). Hand excavation found no evidence of this wall, indicating that it was likely removed when the feature was

truncated. Because of the narrowness and depth of the trench, the remaining interior soils were removed and examined by the archaeological team using machine aided excavation techniques. Moving from north to south, shallow increments of the interior fill were removed by the excavator under the direction of the archaeology team. Seventeen levels were removed with approximately 2.75 cubic meters (3.6 cubic yards) of soil (Photographs 9 and 10). The artifacts collected were inventoried and are presented in Appendix 2B. Excavation found that there was no floor to the feature. Instead, the interior fill transitioned to the sandy subsoil seen elsewhere in the trench. Traces of the peat from the pre-1827 marshland were also noted.

Following the completion of the excavation of the limited remains of Feature B, the remainder of Trench 1 was examined. The stratigraphic sequence at the east end of Trench 1 is presented in Table 2.

Table 2. Stratigraphy of East Half of Trench 1, Lot 43

| Level | Depths | Description |
|-------|------------|--|
| 1 | 0--102 cm | Architectural demolition debris and modern trash |
| 2 | 102-193 cm | Dark yellowish brown (7.5YR 5/6) sandy fill with architectural debris |
| 3 | 193-225 cm | Brown (10YR 3/3) coarse sand fill mixed with lenses of black (10YR 2/1) medium silty sand and architectural debris |
| 4 | 225-280 cm | Very dark gray (10YR 3/1) gravelly sand fill |
| 6 | 280-360 cm | Dark yellowish brown (10YR 4/6) coarse silty sand subsoil |

At the easternmost end of Trench 1, the rear foundation wall of the former building on Lot 43 was encountered (Photograph 11). Along the south wall in the eastern half of the trench, fill and disturbed soils were noted to depths between 200 and 225cmbs suggesting that these disturbed strata extend to the south. No other features were observed during the excavation of Trench 1 and excavation was halted when subsoil was reached across the trench.

Trench 2

Trench 2 was a rectangular north-south trench approximately 7.6 x 4.6 meters (20 x 15 feet) in size, located in the central portion of the block within Lot 42 (see Figure 4). On the north side, six distinct soil layers were encountered below the thick modern overburden at the surface (Table 3; Photograph 12).

Table 3. Stratigraphy of North side of Trench 2 (Lot 42)

| Level | Depths | Description |
|-------|--|---|
| 1 | 0-113 cm | Architectural demolition debris and modern trash |
| 2 | 113-170 cm | Fill mixed with architectural debris and modern trash |
| 3 | 170-198 cm | Dark brown (10YR 3/3) coarse silty sand mixed with architectural debris |
| 4 | 198-230 cm | Ash layer in west half of trench |
| 5 | 230-250 cm (west side) 198-250 cm (east side) | Brown (10 YR 4/3) coarse silty sand |
| 6 | 250-320 cm | Strong brown (7.5 YR 4/6) coarse sand subsoil |

Within these strata nine different 20th century utility pipes and associated pipe trenches were identified (Photographs 13 and 14). The pipes were found to extend in different directions and were noted at various depths (Table 4). The excavation was halted temporarily in order to have Con Edison visit the site to determine if any of

these lines were still active. HPI was asked to leave pipes 1 and 2 *in situ* and excavation proceeded to the north and south of these pipes (Figure 4).

As the excavation progressed in the location north of the pipes, concentrations of artifacts were recovered from the disturbed soils around the pipes and collected to determine the potential dates of utility installations. Within the pipe trench associated with the ceramic pipe (#3) several mid-19th century ceramic types were noted including several ironstone fragments. An ash layer was encountered in the western half of the trench and found to be associated with Pipe #4. The few artifacts collected in this layer date to the mid 19th century and include an ironstone bowl fragment with a makers mark dating from 1841-1860 (Appendix 1). A stratum of brown coarse silty sand was adjacent to and beneath the ash layer and likely associated with the introduction of pipes #4 and #7. A small collection of artifacts was found in this stratum, also dating to the mid 19th century. Excavation was discontinued in the northern part of the trench at a depth of 320 cmbs. No early 19th century features were identified in the northern portion of the trench.

Table 4. Utility Pipes Identified in Trench 2 (Lot 42)

| Pipe # | Depth | Description |
|--------|----------|--|
| 1 | 75 cmbs | 4.5-inch iron electric pipe with interior wires (running east-west) |
| 2 | 113 cmbs | 4.5-inch iron electric pipe (running east-west) |
| 3 | 175 cmbs | 6-inch ceramic water/sewer pipe (running north-south) perpendicular to pipes #1 and #2 |
| 4 | 198 cmbs | 1-inch lead pipe (running east-west) |
| 5 | 143 cmbs | 1-inch cast iron pipe (running northwest-southeast) |
| 6 | 230 cmbs | 1-inch lead pipe (running east-west), beneath pipe #4 |
| 7 | 225 cmbs | 6-inch cast iron pipe (running east-west), north of pipes #4 and #6 |
| 8 | 129 cmbs | 4-inch asbestos wrapped pipe (running east-west), beneath pipe #1 |
| 9 | 225 cmbs | 2.5-inch asbestos wrapped pipe (running east-west), beneath pipe #8 |

Three features (Features C-E) were identified during the excavation of the southern portion of Trench 2 (Figure 4) and the trench was expanded to fully investigate each feature. Feature C, was the foundation and floor of a small, late 19th century structure once located in the central portion of Lot 42, 101 Avenue D. The feature had mortared brick side walls and a compact clay floor (Figures 4 and 8; Photographs 14, 15, and 17). A 2 x 2.25 m (6.5 x 7.3 foot) section of the foundation/floor was exposed at a depth of 2 m (6.5 feet) below the surface. The east, west and south walls were exposed and still partially in place. The north wall was located beneath the series of 20th century utility pipes that appeared to have completely obliterated this portion of the feature. Feature C was likely the small building that was located in the central part of Lot 42 during the mid-19th century (see Perris 1853; 1857; 1868).

During excavation, a few pockets of early 19th century domestic artifacts were found adjacent to the exterior of the western foundation wall (Appendix 1). Further, only a handful of domestic artifacts were found in the fill above and below the clay floor (Appendix 3). The artifacts beneath the clay floor also date to the mid-19th century or later, with one ceramic piece having a mark dating from between 1861-1873. Once the entire floor of the feature was removed, a sandy fill layer was exposed. Approximately 20 cm beneath Feature C, a small dense concentration of oyster shell, was labeled Feature D (Photograph 16). These materials, which extend partially under the south wall, appear to have been dumped in the soil just beneath the foundation (Appendix 4).

As excavation continued, a thick dark organic stratum was observed. Although several loose stones were encountered in this layer, no artifact concentrations were noted. At a depth of approximately 2.66 m (8.7 feet) a second severely truncated circular stone privy was uncovered. Identified as Feature E, the majority of the privy had been disturbed and displaced during the 19th century, likely when the small building (Feature C) was

constructed in this location. The loose stones and dark soil found beneath Feature C appear to have been the displaced interior soil and walls of the earlier privy. Unlike Feature B, this privy had almost been completely destroyed, leaving only approximately one-quarter to one-third of the north and east walls in place (Figure 9). A brick foundation wall, associated with Feature C, was located directly above the remaining portion of the northern privy wall, which might have protected it from destruction. Based on the remaining section of the shaft, the diameter of the feature was estimated as approximately 215 cm (ca. 7 feet).

Only a small portion of the interior fill was present and groundwater was again present at this depth. The *in situ* soil was excavated by machine in three levels, producing an assemblage of early 19th century domestic artifacts (Appendix 5). During excavation, a pump was employed to remove the seeping groundwater. Near the base of the remaining privy wall, the remains of a loose brick “floor” were observed (Photograph 18). Subsoil and the thick remains of the marshy peat were encountered beneath the feature and excavation was halted at depths between 340 and 360 cm below the surface (Photograph 19). No other features were noted within Trench 2.

Trench 3

The final trench examined was located in the northern portion of the APE. Trench 3 was approximately 6.1 x 3 meters (20 x 10 feet) in size and was located within the sensitive portion of the APE at the rear of Lots 35 and 39 (see Figure 4). Testing revealed very deep fill/demolition debris layers that extended approximately 3 m (9.8 feet) below the surface (Table 5). A fragment of a 2-inch iron utility pipe was identified running east-west along the north side of the trench at a depth of 80cmbs (2.6 ft).

Among the modern materials observed in the first two strata were asphalt, a lawn chair, bicycle parts, a radio, mini blinds, plastic bottles, bathroom tiles, lumber, beer cans, panty hose, plastic bags, and sewer pipe fragments. No evidence of any historical features or concentrations of artifacts was observed during the investigation of Trench 3 and testing was halted at a depth of 3.9 m (12.8 feet) beneath the surface (Photograph 20).

Table 5. Stratigraphy of Trench 3.

| Level | Depths | Description |
|--------------|---------------|--|
| 1 | 0--119 cm | Dark Brown (10YR 3/3) fill with architectural demolition debris and modern trash |
| 2 | 119-220 cm | Dark yellowish brown (10YR 4/6) fill with architectural debris and modern trash |
| 3 | 220-298 cm | Dark grayish brown (10YR 3/2) silty sand with architectural debris |
| 4 | 298-390 cm | Brown (10YR 4/3) fine silty sand subsoil |

V. ARTIFACT ANALYSIS AND SUMMARY OF RECOVERED FEATURES

The Phase IB field investigation identified five distinct historical features and a few small artifact concentrations. The artifacts from the two truncated shaft features date from the earliest historical occupation of the site (1830s) and the artifacts associated with Feature C (the building foundation) and the earliest pipe trenches date from the mid to late 19th century (see Appendices 1-5). What follows is a brief analysis of the recovered artifacts by Feature.

Feature B

Feature B was the truncated remains of a ca. seven-foot diameter stone lined circular privy. Only the remaining ca. 60 cm of the base of the feature was excavated during the field investigation as the upper levels and walls had been either destroyed or removed subsequent to the filling of the defunct privy. The following summary table presents a synopsis of the types of artifacts recovered (Table 6). The artifacts were divided into seven classes: architectural, food-related, food remains, lighting, personal and unaffiliated. Feature B contained a significant amount of wood shavings and larger cut wood fragments. A sample of the larger fragments collected were examined at an outside laboratory and the results are presented in Appendix 6.

Table 6. Artifacts by Class from Feature B

| Class | Type | Quantity |
|----------------------|---------------------|-----------------|
| Architectural | Brick | 5 |
| | Nail | 47 |
| | Window Glass | 130 |
| | Other | 15 |
| Food Related | glass vessel | 92 |
| | ceramic | 311 |
| Food Remains | bone | 89 |
| | shell | 215 |
| | cherry pit | 435 |
| | other pit/nut | 43 |
| Lighting | glass | 7 |
| Personal | shoe (leather) | 28 |
| | kaolin smoking pipe | 13 |
| | chamberpot | 115 |
| | other | 18 |
| Unaffiliated | Wood | 63 |
| | Other | 43 |

As anticipated from a domestic site, the majority of the artifacts were food remains or food related ceramics. Unsurprisingly, small pits and nuts, the majority being from cherries, were abundant in the privy. Cherries have a short fruit season during the summer months and were likely consumed at that time. The sheer number recovered in the small portion of the remaining *in situ* privy might indicate the presence of a cherry tree near this residence. The types of other pits, seeds, and nuts recovered include chestnut, watermelon, peach, prune, plum and peanut. An examination of the faunal (food-bone) artifacts was conducted and the inventory of the recovered animal types is presented in Table 7.

Table 7. Inventory of Recovered Faunal Material from Feature B

| Location | # | Bone | Detail |
|---|----------|-----------------------------|---|
| Clean up at surface | 1 | right Temporal | Pig |
| Clean up at surface | 1 | sphenoid | Pig |
| Clean up at surface | 1 | occipital | Pig |
| Clean up at surface | 1 | medipodial | Mature Pig |
| Clean up at surface | 1 | unidentified fragment | Fish or small mammal |
| East Hand Excavation Unit 1, 0-20 cm, Level 1 | 1 | left mandibular | Young adult sheep/goat |
| East Hand Excavation Unit 1, 0-20 cm, Level 1 | 1 | right side lumbar vertebrae | Mature Adult sheep/goat; sawn lengthwise |
| East Hand Excavation Unit 1, 0-20 cm, Level 1 | 1 | tibio-tarsus | Bird |
| East Hand Excavation Unit 1, 0-20 cm, Level 1 | 1 | long bone frag | Medium terrestrial mammal; with saw marks |
| East Hand Excavation Unit 1, 0-20 cm, Level 1 | 1 | branchial ray | Medium fish |
| East Hand Excavation Unit 1, 0-20 cm, Level 1 | 1 | occipital frg | Young adult pig |
| East Hand Excavation Unit 1, 0-20 cm, Level 1 | 1 | sternal section of a rib | Adult cow |
| East Hand Excavation Unit 1, 0-20 cm, Level 1 | 1 | left ischium | Adult sheep/goat |
| East Hand Excavation Unit 1, 0-20 cm, Level 1 | 1 | proximal femur | Young adult sheep/goat |

Table 7. Continued.

| Location | # | Bone | Detail |
|--|---|--|---------------------------|
| East Hand Excavation Unit 1, 0-20 cm, Level 1 | 1 | distal femur | Adult sheep/goat; sawed |
| East Hand Excavation Unit 1, 0-20 cm, Level 1 | 1 | scapula frag | Adult sheep/goat |
| East Hand Excavation Unit 1, 0-20 cm, Level 1 | 1 | scapula | Bird (probably chicken) |
| East Hand Excavation Unit 1, 20-40 cm, Level 2 | 1 | scapula | Adult cow; sawed |
| East Hand Excavation Unit 1, 20-40 cm, Level 2 | 1 | left ilium | Young adult sheep/goat |
| East Hand Excavation Unit 1, 20-40 cm, Level 2 | 1 | vertebral fragment | Adult sheep/goat |
| East Hand Excavation Unit 1, 20-40 cm, Level 2 | 1 | long bone fragment | Medium mammal |
| East Hand Excavation Unit 1, 20-40 cm, Level 2 | 1 | left proximal humerus | Adult sheep/goat |
| East Hand Excavation Unit 1, 20-40 cm, Level 2 | 2 | unidentified bone fragments | Mammal |
| East Hand Excavation Unit 1, 20-40 cm, Level 2 | 1 | unidentified flat bone fragment | Medium terrestrial mammal |
| East Hand Excavation Unit 1, 40-60 cm, Level 3 | 1 | basal-occipital fragment | Young adult pig |
| East Hand Excavation Unit 1, 40-60 cm, Level 3 | 1 | distal femur shaft fragment | Adult sheep/goat |
| East Hand Excavation Unit 1, 40-60 cm, Level 3 | 1 | right proximal femur and shaft fragment | Adult chicken |
| East Hand Excavation Unit 1, 40-60 cm, Level 3 | 1 | vertebra | Medium fish |
| East Hand Excavation Unit 1, clean-up | 1 | vertebra fragment | Large terrestrial mammal |
| East Hand Excavation Unit 1, clean-up | 1 | distal femur shaft fragment | Adult sheep/goat; sawed |
| East Hand Excavation Unit 1, clean-up | 1 | sacral vertebrae fragment | Young adult sheep/goat |
| East Hand Excavation Unit 1, clean-up | 1 | rib fragment | Medium terrestrial mammal |
| East Hand Excavation Unit 2, Level 1-2 | 1 | right side occipital and parietal fragment | Adult sheep/goat |
| East Hand Excavation Unit 2, Level 1-2 | 1 | right femur fragment | Adult sheep/goat |
| East Hand Excavation Unit 2, Level 1-2 | 1 | right coracoid fragment | Adult chicken |
| West Hand Excavation Unit 3, Level 1 | 1 | head/neck of tubular rib fragment | Adult cow |
| West Hand Excavation Unit 3, Level 1 | 3 | distal femur fragments | Adult cow; sawed |
| West Hand Excavation Unit 3, Level 1 | 1 | proximal tibia shaft fragment | Adult pig |
| West Hand Excavation Unit 3, Level 1 | 1 | right scapula fragment | Adult sheep/goat |
| West Hand Excavation Unit 3, Level 1 | 1 | left innominate fragment with acetabulum | Adult sheep/goat |
| West Hand Excavation Unit 3, Level 1 | 1 | left calcaneus fragment | Adult sheep/goat |
| West Hand Excavation Unit 3, Level 1 | 1 | vertebra frag | Large terrestrial mammal |

Table 7. Continued.

| Location | # | Bone | Detail |
|---|----------|--|---------------------------------|
| West Hand Excavation Unit 3, Level 1 | 1 | long bone fragment | Adult sheep/goat |
| West Hand Excavation Unit 3, Level 1 | 1 | unidentified fragment | Bird bone |
| West Hand Excavation Unit 3, Level 1 | 1 | rib fragment | Medium terrestrial mammal; cut |
| West Hand Excavation Unit 3, Level 2 | 1 | auricular fragment | Adult fish |
| Feature B, Mechanical Excavation Level 1 | 1 | rib fragment | Adult sheep/goat |
| Feature B, Mechanical Excavation Level 2 | 1 | right frontal fragment | Young adult pig |
| Feature B, Mechanical Excavation Level 2 | 1 | rib fragment | Adult pig |
| Feature B, Mechanical Excavation Level 3 | 1 | rib fragment | Adult medium terrestrial mammal |
| Feature B, Mechanical Excavation Level 4 | 1 | ilium neck fragment | Adult cow; sawn |
| Feature B, Mechanical Excavation Level 4 | 1 | left acetabulum fragment | Mature adult pig |
| Feature B, Mechanical Excavation Level 4 | 1 | ischium fragment | Mature adult pig |
| Feature B, Mechanical Excavation Level 5 | 1 | right premaxillary and maxillary fragment | Young adult sheep/goat |
| Feature B, Mechanical Excavation Level 6 | 1 | ischium fragment | Young adult sheep/goat |
| Feature B, Mechanical Excavation Level 7 | 1 | cranial vault (frontal, parietal, & occipital) | Adult sheep/goat |
| Feature B, Mechanical Excavation Level 8 | 1 | thoracic vertebra fragment | Adult sheep/goat |
| Feature B, Mechanical Excavation Level 9 | 1 | long bone fragment | Large terrestrial mammal |
| Feature B, Mechanical Excavation Level 9 | 1 | scapula fragment | Medium terrestrial mammal |
| Feature B, Mechanical Excavation Level 9 | 1 | long bone fragment | Medium terrestrial mammal |
| Feature B, Mechanical Excavation Level 9 | 1 | rib fragment | Medium terrestrial mammal |
| Feature B, Mechanical Excavation Level 9 | 1 | rib fragment | Adult sheep/goat |
| Feature B, Mechanical Excavation Level 9 | 1 | tarso-meta tarsus fragment | Fledgling chicken |
| Feature B, Mechanical Excavation Level 9 | 2 | rib fragments | Adult bird (seabird?) |
| Feature B, Mechanical Excavation Level 9 | 6 | spine fragments | Fish |
| Feature B, Mechanical Excavation Level 11 | 1 | distal radius | Mature adult cow; sawn |
| Feature B, Mechanical Excavation Level 11 | 1 | cervical vertebra | Mature adult (5-7 yrs); ax cut |
| Feature B, Mechanical Excavation Level 11 | 1 | frontal sinus fragment | Mature adult cow |
| Feature B, Mechanical Excavation Level 11 | 1 | scapula fragment | Adult chicken |
| Feature B, Mechanical Excavation Level 11 | 1 | radius fragment | Adult chicken |

Table 7. Continued.

| Location | # | Bone | Detail |
|---|---|--|---|
| Feature B, Mechanical Excavation Level 11 | 1 | radius fragment | Fledgling turkey |
| Feature B, Mechanical Excavation Level 12 | 1 | right maxillary with premolar 4, molar 1 | Mature adult cow; (dental abscess around teeth) |
| Feature B, Mechanical Excavation Level 12 | 1 | left ilium fragment | Adult pig; weathered; some rodent gnawing |
| Feature B, Mechanical Excavation Level 12 | 1 | distal radius fragment | Young adult sheep/goat (iron stain) |
| Feature B, Mechanical Excavation Level 12 | 1 | branchial ray fragment | Medium size fish |
| Feature B, Mechanical Excavation Level 13 | 1 | distal tibia fragment | Adult cow; sawn |
| Feature B, Mechanical Excavation Level 13 | 1 | scapula fragment | Young adult sheep/goat |
| Feature B, Mechanical Excavation Level 14 | 1 | right posterior mandible fragment | Juvenile pig; possible flourine toxicity |
| Feature B, Mechanical Excavation Level 14 | 1 | skull fragment | Medium terrestrial mammal |
| Feature B, final clean-up | 1 | distal tibia fragment | Mature adult cow |

The faunal material recovered from Feature B provides evidence of primary butchery waste. The presence of a number of skull fragments suggests that the occupants of Lot 47, and possibly Lot 48, were not necessarily purchasing all of their cuts of meat from local shops, but were instead perhaps butchering some animals on site. The assemblage indicates that the majority of the animals were butchered as young to mature adults, thus ensuring they were killed during the time of peak meat-weight yields (e.g., pigs 2-2 ½ years; sheep/goat 3-4 years; cattle 5-6 years). It is possible that the smaller animals (pigs, fowl, and sheep/goats) were kept in the yards behind the dwellings, or nearby. The beef stew bones, however, are from much larger animals. The beef was likely purchased from a local market, and then refined during secondary butchering activities on site. The examination of the fish bones and shells recovered indicates that the majority likely came from the New York City harbor area. The presence of the whelk and coconut also indicates that the occupants had access to the abundant harbor markets with non-local foods.

A breakdown of the historic ceramics by ware type is presented in Table 8.

Table 8. Summary of Historic Ceramics from Feature B

| Ware Type | Quantity |
|-------------------|----------|
| Redware | 25 |
| Cream-Colored | 6 |
| Pearlware | 18 |
| Mochaware | 20 |
| Whiteware | 215 |
| Rockingham | 1 |
| Other Earthenware | 7 |
| Stoneware | 6 |
| Porcelain | 13 |

As anticipated from an early 19th century feature, the majority of the recovered historical ceramics were decorated whiteware¹.

¹ A significant number of whiteware chamberpot fragments were also recovered from Feature B. These were not included in the summary of the food-related ceramics.

Table 9. Summary of Whiteware Decoration from Feature B

| Whiteware | Decoration | # |
|-----------|-----------------|----|
| | Hand painted | 15 |
| | Transferprint | 96 |
| | No decoration | 78 |
| | Edge decoration | 28 |

Ninety-six fragments of transferprint decorated pieces dominate the assemblage of recovered whiteware. Most of the transferprint fragments were blue in color and were pastoral scenes popular between 1819 -1836. One fragment of particular note was a blue transferprint plate fragment with a scene and stamped "New York Battery" and "Stevenson" on the base. This fragment was part of a plate dating to ca. 1820 and made by Ralph Stevenson, a Staffordshire potter. An image of the complete plate is shown below.



Also noted in moderate numbers were redware, mochoware, and pearlware. Redware was a common utilitarian earthenware used throughout the nineteenth century. The majority of the types recovered were fragments of clear or brown glazed crocks or bowls. A couple of fragments of slip-decorated redware, dating to the early 19th century, were also identified. Designs on these ceramics are usually made by coating the exterior with slip or incising the piece to expose the interior paste. The edges of these pieces are plain or in the "pie-crust" style. Fragments of redware with a trailed design and pie crust rims were recovered.

The recovered Mochaware typically had the annular and dendritic decorations associated with this ware type. The pearlware fragments in the assemblage typically had shell edge or transferprint decorations. Both ware types date between 1795 and 1840.

Surprisingly, only a limited amount of bottle glass was recovered from the privy, most being smaller fragments. The majority were colorless and green bottle glass associated with liquor or wine. Further, only a single medicine bottle fragment was identified.

The personal items recovered included a significant number of chamberpot fragments, both redware (black glazed) and whiteware. No decoration was observed on any of the fragments recovered. The second most prevalent type of personal item recovered were fragments of shoes. The fragments recovered were mostly the upper leather portions from adult shoes. Based on the number of individual parts recovered, it is possible that the residents were completing some home shoe repair or maintenance. A number of kaolin smoking pipe bowl and stem fragments were also recovered. Several had a fluted design on the bowl, typical of early 19th century pipes.

Although the majority of Feature B was located in the rear yard of Lot 47, it is possible that the occupants of both Lot 47 and 48 utilized this feature. Additional documentary research was completed for Lots 47 and 48 and is presented in the following tables.

Table 11. Summary of Ownership/Occupation for Lot 47 – 281 E. 7th Street

| Date | Resource² | Name³ | Details |
|-------------|-----------------------------|--|--|
| 1827 | RA | <i>John Flack and Henry Brevoort</i> | vacant lot, \$300 |
| 1828 | RA | <i>JJ Underhil</i> | vacant lot, \$200 |
| 1829–1831 | RA | <i>John Flack</i> | <i>vacant lot, \$50–\$100</i> |
| 1832 | RA | <i>Francis Fickett</i> | <i>lot and house, unfinished, \$800</i> |
| 1833 | RA | <i>Francis Fickett</i> | <i>lot and house, \$1,400</i> |
| 1834 | RA | <i>Francis Fickett</i> | <i>lot and house, \$1,400, 25' x 97'</i> |
| 1835 | RA | <i>Francis Fickett</i> | <i>lot and house, #378 7th, \$1,600</i> |
| 1839 | D | Edmund Palmer | ship carpenter [378 Seventh, Longworth] |
| 1840 | C | Edmund Palmer | White males 5 to <10: 1; 40 to <50: 1 White females 5 to <10: 1; 10 to >15: 1; 15 to >20: 1; 40 to >50: 1 6 household members, 1 in manuf. & trades |
| 1841–1845 | RA | <i>J. G. Coster</i> | lot and house, #235 7th, \$1,800 (John G. Coster lived at 539 B'way) |
| 1845 | D | Edmund Palmer Alanson Williamson | ship carpenter ship carpenter (235 Seventh, Doggetts) |
| 1846–1852 | RA | <i>Est. John G. Coster</i> | lot and house, \$1,800, 19'+3' alley x 73' |
| 1850 | C | Edmond Parman | 56, ship carpenter, b CT Sarah, 57, b NY Ester, 26; Elias, 25, Elizabeth, 20 |
| 1850 | C | William F. Palmer | 21, edge tool maker? Phoebe, 18 |
| 1850 | C | Henry Cubin | 27, carman, b NJ Mary, 20, b MA |
| 1851 | D | Esther Palmer Henry Culver Edmund Palmer | dressmaker carman ship carpenter (Doggett 1851:307) |
| 1852 | M | | Building with back yard (Dripps 1852) |
| 1857 | D | Edmund Palmer | blacking (Doggett 1857) |
| 1860 | C | Edward Palmer | 60, ship carpenter William F., 28, edge tool maker Esther, 30 Phebe L., 20 |
| 1860 | C | Rachel Vanguilder | 67 Rachel C., 30, seamstress Adeline A., 25, seamstress |
| 1869 | D | Charles H. Emerson Charles E. Loew | bolts, 163 Avenue D county clerk, County Hall |

Table 12. Summary of Ownership/Occupation for Lot 48 – 279 E. 7th Street

| Date | Resource | Name | Details |
|-------------|-----------------|--------------------------------------|-------------------|
| 1827 | RA | <i>John Flack and Henry Brevoort</i> | vacant lot, \$300 |
| 1828 | RA | <i>John Flack</i> | vacant lot, \$400 |

² The resources utilized include Real Estate Assessments (RA), Directories (D), Census (C), and Maps (M).

³ Names in italics are the non-resident property owners.

Table 12. Continued.

| Date | Resource | Name | Details |
|-------------|-----------------|--|---|
| 1829–1830 | RA | <i>John Flack</i> | vacant lot, \$500 |
| 1831–1832 | RA | <i>John Flack</i> | lot \$400 |
| 1833–1834 | RA | <i>Francis Fickett</i> | lot and house, \$1,400, 25' x 97' 6" |
| 1835–1836 | RA | <i>Francis Fickett</i> | lot and house, \$1,600 25' x 97' 6" |
| 1837–1840 | RA | <i>Francis Fickett</i> | lot and house, \$2,200, 22.27' x 97' 6" |
| 1839 | D | Abraham Overhiser Joel Crawford George Scott | builder, 376 7th Street (Longworth) carter butcher |
| 1840 | C | Abram Overhiser | White Males 0 to >5: 1; 15 to <20: 1; 30 to >40: 1 White Females <5: 1; 20 to >30: 1; 5 household members, 2 in manufactures and trades |
| 1841–1845 | RA | <i>J. G. Coster</i> | <i>lot and house, \$1,900, 19' x 97.6'' (Coster resided at 539 Broadway)</i> |
| 1845 | D | Abraham A. Overhiser George Hoyt | builder, 117 Av. D, h. 233 7th Street Ship carpenter, h. 233 7th Street |
| 1846–1852 | RA | <i>Est. John G. Coster</i> | lot and house, \$1,800, 19' x 97' 6" |
| 1848 | D | George N. Hoyt James Gould | ship carpenter ship joiner |
| 1850 | C | George Hoyt | 35, ship carpenter Emily, 27 McKerney, Bridget, 18, b Ireland Williams, Theodore, 27, organ builder Jane, 20; Phillip, 70; Jane M., 28 |
| 1851 | RA | A. B. Summers | lot and 2 houses, \$2,300 |
| 1851 | D | George Hoyt Theodore Williams | Ship carpenter (Doggett 1851) Organ builder |

Once the block was divided into lots, 281 East 7th Street (Lot 47) was initially owned by Francis Fickett who had the house built in 1832. The Real Estate Assessments for this neighborhood indicate that Fickett owned a significant amount of this newly made land in the late 1820s and 1830s. He purchased the adjacent lot (48) and constructed a house there in 1833. The first recorded resident of the dwelling in Lot 47 was ship carpenter Edmund Palmer and his family who appear there before 1839, and occupy the building until at least 1860. Although the 1840 census lists only the Edmond and Sarah Palmer and their four children, by 1845 the Palmer household includes a ships carpenter, Alanson Williamson, as a boarder. During the 1850s as Palmer reached his 60s, his adult son worked as an edge-tool maker, and unmarried daughter as a dressmaker. In addition, a second family was boarding in the dwelling. Records indicate that although the Palmers resided in the dwelling, the property remained in the ownership of an absentee landlord (Fickett, and later J. Coster).

Next door at 279 East 7th Street, the earliest identified occupant was builder, Abraham Overhiser and his family. Overhiser resided in the dwelling until sometime between 1845 and 1850, when George Hoyt, another tenant, became the head of the household. Hoyt, a ships carpenter lived in the dwelling with several boarders. The examination of real estate assessments indicate that both properties were owned jointly by the same absentee landlords. This joint ownership suggests the possibility that the large privy in the rear yard was also used jointly by the residents of the two buildings.

The Panic of 1837, ushered in a six-year recession, as banks and businesses failed, real estate values plunged, landowners and builders defaulted on their mortgages, property was lost through foreclosure, and residential construction ceased. The properties within the project site did not escape the plunge in value. The 101 Avenue D property dipped in value from \$3,500 in 1837 to \$2,800 by 1840; the 281 7th Street property went from \$2,600 in 1836 to \$1,900 in 1840 and the 279 7th Street property went from \$2,200 in 1836 to \$1,800 in 1840.

During the 1830s when the privy was likely being utilized, household trash was being dumped in the shaft. The wood shavings and cut fragments that were found in the privy were likely the remnants from a home carpentry “shop.” No documentary record of a commercial woodworking business was found, which might indicate that the individual(s) might have been a hobby carpenter. During the 1830s and 1840s both residences housed men very familiar with woodworking; Edmund Palmer and George Hoyt were both ships carpenters and William Palmer was an edge-tool maker. An examination of the wood fragments recovered indicates that the majority of the wood fragments were conifers, and more specifically white pine (Appendix 6). This wood type was both readily available for purchase and inexpensive during the early 19th century. In addition to the privy being a handy refuse pit, the wood shavings might have also helped to keep the odor from the privy under control.

Feature B also contained a significant amount of faunal remains with evidence of primary butchery. The documentary record indicates that George Scott, identified as a butcher, was living at 279 E. 7th Street (Lot 48) in 1839. His presence on Lot 48 reinforces the idea that residents from both lots (47 and 48) were likely utilizing the privy located in the rear of Lot 47.

It follows that when public utilities were introduced in the 1840s (water 1842; sewer between 1844 and 1853), the privy became obsolete and was filled with refuse from both buildings. At that time, additional refuse from carpentry activities might have been dumped into the open hole to help fill the shaft. The assemblage of materials recovered from the truncated privy indicates that the residents were middle class with access to a variety of popular ceramic wares and personal items. The recovered food remains further indicates access to a variety of market goods and fresh foods.

Feature C

Feature C was the remnants of the foundation and floor of a small building in the central portion of Lot 42 between the two dwellings constructed on this lot. A large circular stone-lined privy (Feature E) had been constructed in the central portion of the lot during the 1830s. The privy was severely truncated and almost completely demolished by the installation of several subsequent rear-yard outbuildings as well as the construction of the larger dwelling fronting Avenue D beginning sometime prior to 1853 when the Perris Atlas map indicates that a small outbuilding was present in this location (Perris 1853). It is not clear if Feature C is associated with this early outbuilding or an addition to the dwelling from the late 19th century. If it is the early outbuilding, the clay floor was a later addition, as ceramics dating to post 1860 were excavated from beneath the clay. The handful of artifacts recovered in and around Feature C appear to be typical mid-19th century domestic scatter and offer no clue as to the function of the building (see Appendix 3).

Feature D

As mentioned above, Feature D was a small deposit of oyster shell mixed with artifacts. The artifacts recovered in association with the oyster shell date to the mid 19th century and also appear to be typical domestic yard scatter (see Appendix 4).

Feature E

Feature B was the truncated remains of a ca. seven-foot diameter stone lined circular privy. Only a limited section of the feature was still present and excavated during the field investigation as the upper levels and three of the walls had been destroyed subsequent to the filling of the abandoned privy. The following summary table presents a synopsis of the types of artifacts recovered (Table 13). The artifacts were divided into seven classes: architectural, food-related, food remains, lighting, personal and unaffiliated.

Table 13. Artifacts by Class from Feature E

| Class | Type | Quantity |
|----------------------|---------------------|-----------------|
| Architectural | Brick | 0 |
| | Nail | 2 |
| | Window Glass | 24 |
| | Other | 6 |
| Food Related | glass vessel | 21 |
| | ceramic | 207 |
| Food Remains | bone | 19 |
| | shell | 16 |
| | cherry pit | 6 |
| | other pit/nut | 5 |
| Lighting | glass | 11 |
| Personal | shoe (leather) | 2 |
| | kaolin smoking pipe | 3 |
| | chamberpot | 27 |
| | other | 6 |
| Unaffiliated | Wood | 6 |
| | Other | 8 |

As with Feature B, the majority of the assemblage of artifacts from Feature E was also food related, and more specifically ceramics. Table 14 presents the summary of ware types from the collection of ceramics.

Table 14. Summary of Historic Ceramics from Feature E

| Ware Type | Quantity |
|------------------|-----------------|
| Redware | 33 |
| Cream-Colored | 1 |
| Pearlware | 19 |
| Mochaware | 4 |
| Whiteware | 148 |
| Stoneware | 1 |
| Porcelain | 1 |

While most of the redware recovered was typical brown and clear glazed vessel fragments, a number were slip-decorated redware, dating to the early 19th century. The pearlware fragments were from handpainted teawares (1795-1815) and a small child's cup with a brown transferprint (post 1810) design and the wording "Foxes are Mischievous." As expected, the majority of the ceramics recovered were whiteware with most having transferprint decoration.

Table 15. Summary of Whiteware Decoration from Feature E

| Whiteware | Decoration | # |
|------------------|-------------------|----------|
| | Hand painted | 3 |
| | Transferprint | 104 |
| | No decoration | 30 |
| | Edge decoration | 11 |

Several diagnostic whiteware fragments were identified and are summarized in Table 16.

Table 16. Ceramic Designs/Maker's Marks from Feature E

| Type | Description |
|-------------|--|
| Whiteware | ironstone, black transferware, floral, molded wavy rim, impressed with "...ARRENTED STAFFORDSHIRE..." in circle around crown, possibly Clews, 1818-1834, mends |
| Whiteware | blue transfer print, design is "Gracefield, Queens County, Ireland", by Adams, c. 1820, impressed w/ "...STAFFORDSHIRE..." and painted "6"; mends |
| Whiteware | blue transfer print, floral w/urn decoration int only, shallow bowl, impressed "...ED STAFFORDSH..." w/ partial crown; mends |
| Whiteware | blue transfer print, floral design int and ext, scalloped rim, transfer marked "STONE CHINA" in flattened octagon border |
| Whiteware | blue transfer print, Chinese scene, marked "St.../Ch..." on base |
| Whiteware | large base fragment, impressed "WOOD", triangle, and "12" |
| Whiteware | base, impressed "STEVENSON", possibly Andrew Stevenson, c. 1816-1830 |
| Whiteware | black transferprint, "Christ at Jacob's Well" pattern - mends with upper level fragments |

All of the recovered whiteware fragments with identified patterns date to the period just prior to, or during, the initial years of occupation of the former dwellings on Lot 42. Many of the fragments with unidentified patterns are of floral and pastoral scenes, popular from ca. 1819 and 1836.

The food remains recovered from Feature E were also examined. An inventory of the recovered faunal remains is presented in Table 17. Unlike Feature B, the faunal material recovered from Feature E does not indicate primary butchery activities were taking place in this location. Instead, the majority of the bones indicate that the residents were purchasing beef from a local market or butcher. Again, the assemblage indicates that the majority of the animals were butchered as young to mature adults. Because two dwellings were located in this lot, it is possible that the residents did not have enough room to keep animals in the rear yard.

Table 17. Recovered Faunal Material from Feature E

| Location | # | Bone | Detail |
|-----------------|----------|----------------------------------|-------------------------------|
| Level 1 | 1 | right scapula glenoid fossa | Mature adult cow; sawn |
| Level 1 | 1 | left ulna frag | Mature cow; sawn on both ends |
| Level 1 | 1 | tibia shaft | Adult cow; sawn |
| Level 1 | 1 | thoracic vertebral body fragment | Mature adult cow |
| Level 1 | 1 | rib | Adult cow; knife marks |
| Level 1 | 1 | right tibia | Mature adult sheep/goat |
| Level 1 | 1 | second phalanx | Young Adult pig |
| Level 1 | 1 | sternum | Adult chicken |
| Level 2 | 1 | lumber vertebra | Adult cow; sawn |
| Level 2 | 1 | scapula | Adult duck |
| Level 3 | 1 | head and neck of rib | Adult cow |
| Level 3 | 1 | humeral epiphysis | Young adult cow |
| Level 3 | 1 | proximal tarsal metatarsus | Mature adult chicken |
| Level 3 | 1 | metapodial | Adult pig |
| Level 3 | 1 | carpel tarsal | Adult pig |
| Level 3 | 1 | right humerus | Juvenile cat |

Table 17. Continued.

| Location | # | Bone | Detail |
|----------|---|---------------|---------------------------|
| Level 3 | 1 | rib | Medium terrestrial mammal |
| Level 3 | 1 | femoral shaft | Adult bird |
| Level 3 | 1 | tibia tarsus | Adult bird |

The occupants of Lot 42 also took advantage of the local seafood markets as evidenced by the harbor oyster and clam shell fragments recovered.

The personal items recovered again included a moderate number of chamberpot fragments, both redware (black glazed) and pearlware. The redware chamberpot fragments either had brown glaze or were slip decorated. Of particular interest were the fragments of a highly decorated pearlware chamberpot. The chamberpot had green annular decoration, hand painted blue leaves, and an eagle and shield medallion that likely dates to the end of the 18th century. Only a handful of personal items were recovered. The only artifact that was notable was a pipe bowl in style from 1800-1820, ribbed with a row of dots, a row of circle and lines, and a stalk of wheat on the mold seam.

Feature E was located in the yard of Lot 42, between the front and rear dwellings located at 101 Avenue D and it is possible that the occupants of both residences utilized this feature. Additional documentary research was completed for Lot 42 and is presented in the following tables.

Table 18. Summary of Ownership/Occupation for Lot 42 – 101 Avenue D (front) 1827-1870

| Date | Resource | Name | Details |
|-----------|----------|--------------------------------------|---|
| 1827-1828 | RA | <i>John Flack and Henry Brevoort</i> | vacant lot, \$200 |
| 1829-1830 | RA | <i>John Flack</i> | vacant lot, \$500 |
| 1831-1832 | RA | <i>Francis Fickett</i> | lot and house, \$1,850 |
| 1833-1834 | RA | <i>Francis Fickett</i> | lot and 2 houses, \$2,000 |
| 1835 | RA | <i>Francis Fickett</i> | lot and 2 houses, \$2,100 |
| 1836 | RA | Thomas B. Stillman | lot and 2 houses, \$5,000, \$1,000 [annual rent?] |
| 1837 | RA | <i>Francis Fickett</i> | lot and 2 houses, \$3,500, 24.4' x 93' |
| 1839 | D | Thomas B. Stillman | novelty [iron] works, foot 12th East River., h. 101 Av D (Longworth) |
| 1840 | C | Thomas B. Stillman | White Males 0 to >5: 1; 20 to >30: 1; 30 to >40: 3 White Females 10 to >15: 1; 15 to >20: 1; 20 to >30: 1; 30 to >40: 1 9 household members, 1 in literary pursuits or engineering, 1 in manufactures or trades |
| 1841 | RA | <i>J. G. Coster</i> | lot and 2 houses, \$2,800, 24.4' x 100' (Coster resided at 539 Broadway) |
| 1841 | D | Jabez Gardner | (Doggett); [spar maker, Gardner & Wynant, 8th c Lewis, h. 95 Av. D in 1845] |
| 1845 | D | Charles Milliken | Carpenter |
| 1846 | RA | <i>Est. John G. Coster</i> | lot and 2 houses, \$2,600, 24.5' x 100' |
| 1850 | C | Alonzo B. Sumner | 37, tinsmith, re \$3,000 Elizabeth, 32, b SC William, 11, b NC; John, 8; Hannah, 5; Mary, 3; Catharine, 3; Sarah, 1 Warde, Mary, 40, b Ireland |
| 1851 | RA | A. B. Summers | lot and 2 houses, \$2,300 |
| 1851 | D | A. B. Summers Catharine Malloy | tinsmith (Doggett 1851:26) seamstress |

Table 18. Continued.

| Date | Resource | Name | Details |
|------|----------|---|---|
| 1852 | RA | A. B. Summers | lot and 2 houses, \$2,500 |
| 1852 | M | | Two buildings on lot. (Dripps 1852) |
| 1853 | M | | Second class frame building with store (Perris 1853) |
| 1869 | D | Birdon, John T. Dolson, Alonzo W. Dolson & Birdon Hughes, John H. Nelson Spratt | liquors, h 288 Seventh liquors liquors tailor architect 427 E. 10 th |
| 1870 | C | John Burden Bernard Mooney Ann Warrenton Ann Reynolds Edward Selleck Clement Watts | 32, oyster saloon; Catherine, 29; Charles, 7; Lillie, 5; William, 6 mos. 19, bartender 30, cook, b Ireland 50, cook, b Ireland 31, clerk 30 |
| 1870 | C | John Hughes | 52, tailor, b Ireland Mary, 50, b Ireland Katie, 18 John, 16, blacksmith Frederick, 14 |

Table 19. Summary of Ownership/Occupation for Lot 42 – 101 Avenue D (rear) 1827-1870

| Date | Resource | Name | Details |
|-----------|----------|--|---|
| 1827-1828 | RA | <i>John Flack and Henry Brevoort</i> | vacant lot, \$200 |
| 1833-1834 | RA | <i>Francis Fickett</i> | lot and 2 houses, \$2,000 |
| 1845 | D | Isaac Shields | ship carpenter, h. r 101 Av. D |
| 1852 | M | | Two buildings on lot. (Dripps 1852) |
| 1853 | M | | Second class frame building with store (Perris 1853) |
| 1869 | D | Sophia Cooper Patrick J. Cronin John Matteny David May Henry Schombs Simon Seligman | widow William carpenter Machinist tailor machinist |
| 1870 | C | Charles Boskey | 42 laborer, b Poland Bridget, 30, b Poland Mary, 8; Charles, 7; Louisa, 3; William, 2 mos |
| 1870 | C | Henry Kurtz | 28, tailor, b Germany Louisa, 27, b Germany Louis, 2; Annie, 1 mo. |
| 1870 | C | Henry Felbeck | 50, tailor, b Hesse Henrietta, 35, b Hesse Willie, 9; Louis, 4 |
| 1870 | C | David May | 37, machinist, b Scotland Phillipina, 35, b Scotland Mary, 4; Sarah, 2; Bella, 1 |

Table 19. Continued

| Date | Resource | Name | Details |
|------|----------|---------------|---|
| 1870 | C | Edwin Krouss | 28, tailor, b Germany Levena, 29, b Germany Eugene, 2; Victoria, 6 mos. |
| 1870 | C | John Mathanly | 44, ship carpenter, b Philadelphia Josephine, 37, b France Sarah, 12, at school; Mary, 10, at school; Julia, 9, at school; Joddie (daughter), 2 mos. |
| 1870 | C | Thomas Sutton | 52, shoemaker, b England Jane, 50, b England Maggie, 13, at school Daniel, 18, boiler maker |
| 1870 | C | John Smith | 40, ship joiner Mary, 36 |

Lot 42 – 101 Avenue D (front and rear) 1827-1870

The Hooker maps of the 1820s and 1830s seem to accurately map the fill and development of the saltmeadows, beginning at the edges and proceeding toward the center. There does not appear to have been a grand plan, but various investors purchased large parcels, and at least one of them, namely Francis Fickett, of the Fickett & Thomas shipyards at 3rd and Mangin Streets, was involved in the ship building and related industries that had colonized the adjacent East River shoreline (Figure 10). Fickett owned many of the lots within the project block from ca. 1831 through 1840, when his heirs sold them. In a largely pedestrian city, it is likely that Fickett was interested in developing housing for his employees. Other investors were purely speculative, and lived in established, fashionable parts of the city. The first dwelling within the project APE was constructed on Lot 42, and fronting on Avenue D, in 1831. A smaller dwelling at the rear of the lot had been built by 1833.

The first occupant of larger 101 Avenue D, was Thomas B. Stillman, partner and owner of the Novelty Ironworks Company, which was only about six blocks to the north, at 12th Street on the East River (Figure 11). The Novelty Ironworks, founded in 1832, specialized in marine engines, supplied iron for New York's version of the London Crystal Palace in 1853, provided iron for the construction of the Civil War Ironclad, *Monitor* (NYT 10/1/1852:2; Bishop et al. 1864). Stillman is present in the house, and likely paying rent to property owner J. Coster, from before 1836 through 1840. He was succeeded in the house by Jabez B. Gardner, of Gardner & Wynant, sparmakers, 8th and Lewis Streets, a block-and-a-half northeast, by 1841. Gardner moved two doors down to 95 Avenue D by 1845.

Close neighbors included members of the shipbuilding Fickett family, of Fickett & Thomas (3rd and Mangin Streets), with James, and later George Fickett across the street at 92 Avenue D (1839–1845); Samuel Fickett, probable designer of the first American transatlantic steam-aided vessel *Savannah* (1819), a block away at 71 Avenue D (1827), and Francis Fickett, already mentioned as the chief real estate investor in the area, residing four blocks south at 279 3rd St. in 1839;

The Secor family, of Secor & Co. marine engine/iron foundry, located at the foot of 9th Street and the East River (1839–1845) were represented by Jeronimus A. Secor (97 Avenue D), Theodosius F. Secor (99 Avenue D) and their widowed mother (95 Avenue D); by 1845 Jeronimus and Theodosius had moved around the corner to 218 and 224 7th Street, respectively, near shipbuilder Jabez Williams, at 219.

Of the six brothers of the Colyer shipbuilding family, William and Thomas, of William & Thomas Colyer at 12th & Avenue C, lived a block west of the LES Girls site at Avenue C near 7th, along with brother Henry. Thomas Collyer was noted for building fast river steamboats (Morrison 1909). Brother George lived on Avenue D near 10th Street (1845).

Following the Panic of 1837, bankruptcies, foreclosures, lack of credit, and drop in consumption reverberated throughout the manufacturing community, particularly the railroads, and their suppliers, such as engineering companies. Jobs became scarce, and wages plummeted. Yet, shipbuilding, particularly of wooden hulls, the focus of the project neighborhood, continued to boom and offer relatively high wages to its skilled and semiskilled workers. The buildings located at 101 Avenue D did not avoid the plunge in value from \$3,500 in 1837 to \$2,800 by 1840.

Sometime after 1846 101 Avenue D was purchased by Alonzo B. Sumner, a tinsmith, and occupied by his family. Census and Directory information indicates that there is at least one boarder or servant present, perhaps in the rear dwelling. The 1850 census values Sumner's real estate holdings at \$3,000, although the city assessed the house at only \$2,300. At or after the end of Sumner's residency, a store moved into the ground floor of the building fronting Avenue D. Later records indicate that this establishment was an "oyster saloon" serving liquor by 1869.

Similar to the two adjacent dwellings associated with Feature B, the similar construction dates of the two dwellings in Lot 42 in the early 1830s suggests the possibility that the large privy was also used jointly by the residents of the two buildings. The assemblage indicates that the privy was likely being utilized during the 1830s, was clearly defunct and filled by the 1840s, and almost completely destroyed by mid century.

VI. CONCLUSIONS AND RECOMMENDATIONS

Three large trenches were excavated during the archaeological examination of the LES Girls Club project site. During the field examination the proposed sizes of the test trenches were expanded to fully investigate the identified features covering approximately 90-95% of the area deemed sensitive within the proposed APE. Testing confirmed the presence of a significant fill/building demolition layer in this location above the former late 19th century building foundations. The archaeologists working on the project site discovered five features during the archaeological field investigation that date from the early to mid 19th century. Two of the features were severely truncated privies that date to the earliest period of occupation that was identified in the Documentary Study. Research found that one of the large privies (Feature B) was likely associated with the households of Edmund Palmer (Lot 47) and Abraham Overhiser (Lot 48) in the 1830s and 1840s. The remaining *in situ* portion of this feature, which contained household refuse and carpentry by-products, was entirely excavated during the field investigation.

Although the majority of the people living in the project neighborhood had livelihoods associated with the waterfront shipyards, the recovered features and assemblages only peripherally provided evidence of these occupations. A significant amount of wood shavings and cut wood fragments was noted and a sample of this material was recovered for study (Appendix 6). The collection of wood indicates that a carpenter or woodworker was present on the site while the privy was an open shaft. Early residents of both lots (Edmund Palmer and George Hoyt) were identified as ships carpenters and could have been responsible for the wood deposits in the privy. The faunal remains recovered indicate that primary butchery activities were performed on the site. The presence of butcher George Scott in 1839 confirms that someone of this occupation was living on the project site during the time that the privy was in use.

The documentary study of the site was able to detail information about the former residents of the project APE and indicated a different level of affluence between the individuals living along Avenue D (Lot 43) and those living on 7th Street (Lots 47 and 48). Thomas Stillman who occupied Lot 43 during the years that the privy (Feature E) was in use was part owner of the Novelty Iron Works, clearly on the management side of a business. In contrast, Edmund Palmer was a ships carpenter, a skilled waterfront worker. Unfortunately both features were severely truncated, providing only a small sample of the domestic refuse originally contained within the features. When compared, the domestic artifacts from the assemblages recovered, however, were very similar in variety and type. For example, the most prevalent artifact type from both assemblages was whiteware, and included similar transferprint fragments with floral or pastoral scenes.

The similarities between the collections are indicative of the similarities between management and skilled workers in the Lower East Side during the early 19th century. From 1825–1850, many trades were overwhelmed by huge numbers of skilled and semi-skilled immigrants, which enabled the subdivision and degradation of skills, in what

was known as the “sweating” of wages and hours. Although some work could be performed by semi- and unskilled laborers, the highly skilled nature of the main tasks involved in designing and constructing a ship required the highest skill and experience. Even as improvements in ship design required new expertise, such as in metal work, these were added to the existing processes, rather than replacing skilled tasks. Also, a strong apprenticeship system was maintained. Journeymen kept a close eye on wages and hours, and the master shipwrights were held in the greatest respect.

The major firms were managed by men who had ascended to the top through the apprenticeship system, establishing craft dynasties, and maintaining the integrity of the system. Perhaps because of this, relations between labor and management were not as hostile as in other trades (Wilentz 1984:134–137). Many of the major firm owners were among the original trustees of the Dry Dock Savings Bank, incorporated in 1848, including Thomas B. Stillman, Jabez Williams, Theodosius Secor, and John Dimon of the Smith & Dimon shipyard (Laws of the State of New York 1848: Chap. 368).

Although New York City was the busiest shipbuilding center in the world for a time, competition and technological improvements, as well as population and space pressure on the existing firms eventually sent the businesses elsewhere. The packet lines, which were so important to the city’s economy required dock space downtown in areas occupied by shipbuilding firms. By the 1840s, some of the East River shipbuilding firms had moved to Williamsburgh, and later Greenpoint in Brooklyn on the opposite shore of the river. Jabez Williams, trustee of the Dry Dock Bank, and a shipbuilder in New York since at least 1821, moved his yard to Williamsburgh in 1845. Jabez Williams, who still lived on 7th Street, would take the ferry, along side many of his workers, from the foot of Houston Street in Manhattan to Greenpoint. George Collyer of Collyer & Webb beat Williams to Greenpoint by a year, in 1850, and William Collyer followed his brother in 1854.

The East River shipbuilding industry experienced a downturn from the mid 1850s onward. For example, the 1857 directory describes a change in Edmund Palmer’s occupation from ships carpenter to “blacking,” which was, shining shoes. In the same directory, Theodosius Secor had moved to the Westchester suburbs and the Collyers were no longer living in the city, Jabez Williams was in Brooklyn, and Stillman had gone west to the more residential 80 7th Street, at First Avenue, and had a country house in New Jersey. The Ficketts were gone as well, although James Fickett’s widow had remained at 92 Avenue D, across from the site. In general, the further contraction of the New York/Brooklyn shipbuilders was due to their disinclination to move away from wooden hulled vessels, and they were left behind as iron hulls became standard (Silka 2006). Although the Civil War kept the yards busy, after the war the government disposed of surplus vessels and many of the yards went idle (Morrison 1909).

The assemblages from the two privies identified during the field examination represent the golden years of the shipbuilding industry in the Lower East Side. At that time, there was parity between management and the skilled workers who lived along side one another. As the shipbuilding businesses departed and the more affluent managers and owners left, later in the 19th century, the LES Girls Club neighborhood joined the decline of the rest of the Lower East Side as it evolved into one of New York’s most famous slums.

VII. REFERENCES

Ancestry.com

1998 New York City Directories for 1857, 1869 and 1890. Accessed online at Ancestry.com. The Generation Network, Provo, UT.

Bishop, John Leander, Edwin Troxell Freedley, and Edward Young

1864 *A History of American Manufactures, from 1608 to 1860*, Vol. 2. Edward Young & Co., Philadelphia, PA.

Bromley, George W.

1891 *Atlas of the City of New York: Manhattan Island*. G. W. Bromley & Company, Philadelphia, PA.

1899 *Atlas of the City of New York: Borough of Manhattan*. G. W. Bromley & Company,

1922 Philadelphia, PA.

Burrows, Edwin G. and Mike Wallace

1999 *Gotham: A History of New York City to 1898*. Oxford University Press, New York.

Census

1840 Federal Census. Accessed online at Ancestry.com.

1850

1860

1870

1880

Cohen, Paul E. and Robert T. Augustyn

1997 *Manhattan in Maps*. Rizzoli, New York.

Colton, J. H.

1836 *Topographical Map of the City and County of New-York, and the Adjacent Country*. J. H. Colton & Company, New York.

Conover Genealogy

2008 Ancestors of David Kipp Conover. p. 17. <www.conovergenealogy.com/ancestor-p/p17.htm>. Last accessed 2/21/08.

Cozzens, Issachar, Jr.

1843 *A Geological History of Manhattan or New York*. W. E. Dean, New York.

Croton Aqueduct

1857 *Annual Report of the Croton Aqueduct Department made to the Common Council of the City of New York*. Document No. 2. Board of Aldermen, January 5, 1857. Chas. W. Baker, New York (Collection of the Municipal Reference Library).

Doggett, John Jr.

1812 *Doggett's New York Street Directory*. 59 Liberty, New York (Collection of the New-

1827 York Historical Society.)

1841

1842

1844

1845

1851

Dripps, Matthew

1851 *Map of the City of New-York extending northward to Fiftieth Street*. John F. Harrison, C.E. M. Dripps, New York.

Duffy, John

1990 *The Sanitarians: A History of American Public Health*. University of Illinois Press, Urbana.

Endicott

1842 *Map of the Croton Water Pipes with the Stop Cocks*. In Cohen, Paul E. and Robert T. Augustyn, *Manhattan in Maps*. Rizzoli International Publications, 1997, pp. 118–119.

Goodwin, Maude Wilder, Alice Carrington Royce, and Ruth Putnam, eds.

1898 *Half Moon Series of Papers on Historic New York*. First Series. G. P. Putnam's Sons, The Knickerbocker Press, New York.

Grossman, Joel and Associates, Inc.

1995a The Archaeology of Civil War Era Water Control systems on the Lower East side of Manhattan: Data Recovery and Mitigation of the Mid 19th Century Cistern Complex and Associated Features within Lots 58 and 59, Block 378, PSA 4 Project, New York N.Y. (CEQR 95CHA001M). On file at the NYCLPC.

1995b PSA 4 Addendum to archaeological Data Recovery Results: Economic and Ethnic Land Use History of Lot 58. The Human Face of Lot 58. On file at the NYCLPC.

Hewitt, Edward Ringwood and Mary Ashley Hewitt

1898 The Bowery. In Wilder, Royce, and Putnam, eds., *Half Moon Series of Papers on Historic New York*. pp.371–406.

Hill, George Everett and George E. Waring, Jr.

1898 Old Wells and Water-Courses of the Island of Manhattan Part II. In pp.335–370.

Hooker, William

1829 Hooker's new pocket plan of the city of New York. Compiled and surveyed by William

1833 Hooker, engraver, New York.

1838 Hooker's new pocket plan of the city of New York. With additions to 1838. Compiled and surveyed by William Hooker, engraver, New York.

Keyton, Bruce

2003 *Radical Walking Tours of New York City*. Seven Stories Press, New York.

Laws of the State of New York

1848 *Laws of the State of New-York, Passed at the Seventy-first Session of the Legislature*. Charles Van Benthuyssen, Albany, NY.

Longworth

1829 New York Directory

1839

Manatus Map

1639 Manatus Gelegen op de Noot Rivier (Mantaus lying on the North [Hudson] River — Facsimile in the Collection of the New York Public Library, Map Division.

MCC (Minutes of the Common Council)

1917 *Minutes of the Common Council of the City of New York 1784–1831*. City of New York.

Morrison, John H.

1909 *History of New York Shipyards*. William F. Sametz & Co., New York.

Municipal Archives

1827– *Record of Assessments, 11th Ward*.

New York Archaeological Council (NYAC)

1994 *Standards for Cultural Resource Investigations and the Curation of Archaeological Collections*. New York Archaeological Council.

N-YHS (New-York Historical Society)

1841 *Collections of the New-York Historical Society*. Series 2, vol. 1. Printed for the Society, New York.

New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP)

2005 *Phase I Archaeological Report Format Requirements*.

The New Encyclopaedia Britannica

1974 "Jacob August Riis," *Micropaedia* VIII.586. Encyclopaedia Britannica, Inc. 15th Edition.

Oasis Map

2004 Aerial photograph <www.oasisnyc.net/oasismap.htm> accessed 2/26/2008.

Perris, William

1857 *Maps of the City of New York*. Perris and Browne, New York. Also 1853 and 1868.

Pillori

2003 Geotechnical Engineering Investigation Lower East Side Girls Club. Pillori Associates, Laurence Harbor/Secaucus, NJ. May.

Poppleton, Thomas H.

1817 *Plan of the City of New-York*. Peter Maverick, engraver, Newark.

Randel, John Jr.

1814 *The City of New York as laid out by the Commissioners with the Surrounding Country*. In Cohen, Paul E. and Robert T. Augustyn, *Manhattan in Maps*. Rizzoli International Publications, 1997 (108–109).

Ratzer, Bernard

1776 *Plan of the City of New York*. Surveyed in 1767. Faden and Jefferys, London.

Robinson, Elisha and R. H. Pidgeon

1885 *Atlas of the City of New York*. E. Robinson, New York.

Rubinson, Karen S.

1993 Documentary Study: Block 378, Lots 14, 15, 16, 17, 55, 56, 59, 60, 63. East 8th and 9th Streets between Avenues C and D in Manhattan. Prepared by Key Perspectives for the New York City Housing Authority.

Sanborn

1903 *Insurance Maps of the City of New York: Borough of Manhattan*. Sanborn Map

1920 Company, New York.

1944

1951

2006

Silka, Henry

2006 Shipbuilding and the Nascent Community of Greenpoint, New York, 1850–1855. *The Northern Mariner* April:15–52.

Stokes, I. N. Phelps

1988 *The Iconography of Manhattan Island, 1498–1909*. Originally published 1915–1928. Reprint by Martino Fine Books, The Lawbook Exchange, Ltd.

Taylor, Benjamin, and John Roberts

1797 *A New & Accurate Plan of the City of New York in the State of New York in North America.*

USG&GS (United States Coast and Geodetic Survey)

1844 *Map of New-York Bay and Harbor and the Environs* (#369). F. R. Hassler, Superintendent, U.S. Coast Survey, Washington D.C.

USGS

1995 Brooklyn, N.Y. Quadrangle. Surveyed 1967, photorevised 1995.

Viele, Egbert Ludovicus

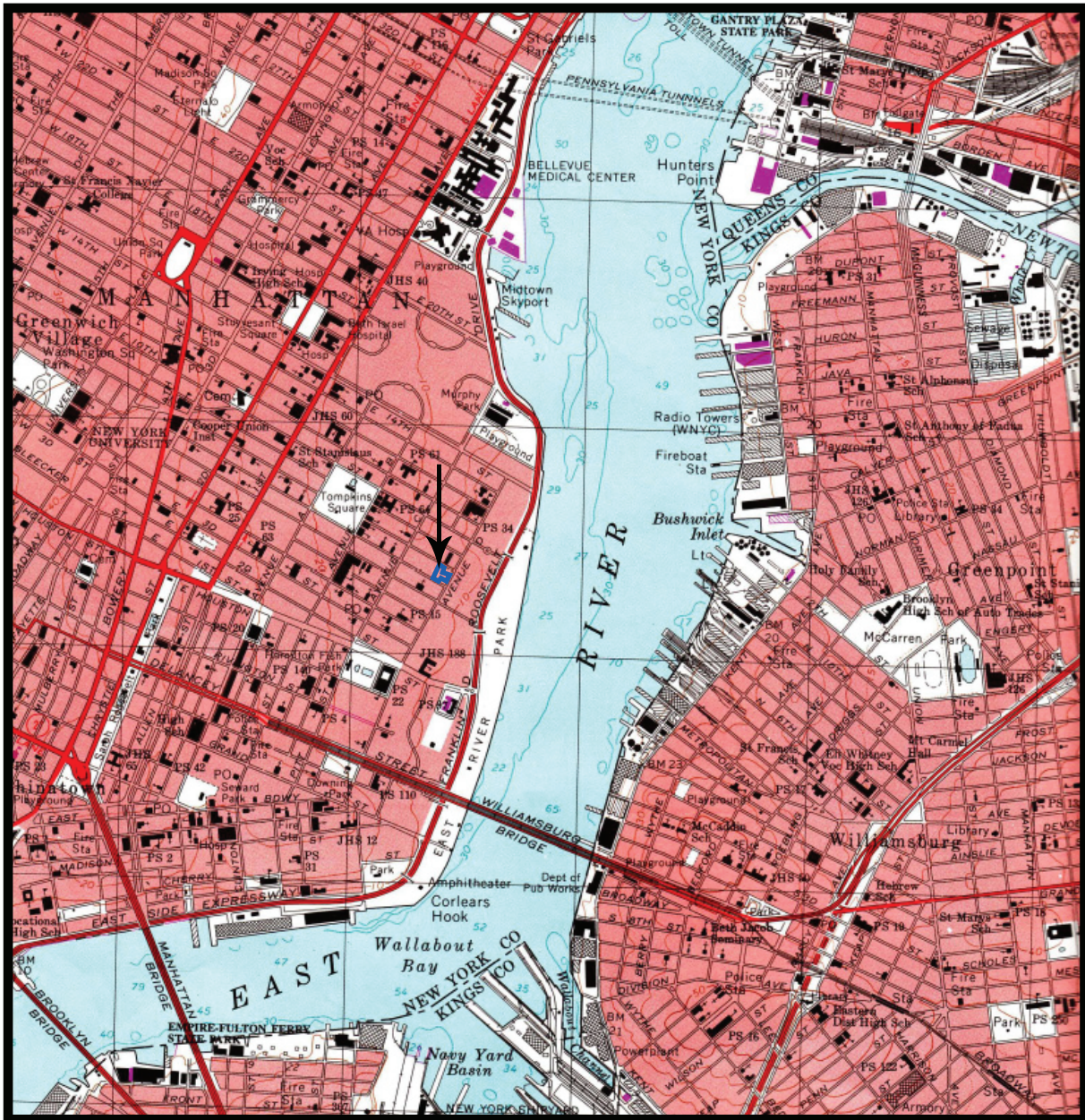
1865 *Topographical Map of the Island of New York.* New York.

Wilentz, Sean

1984 *Chants Democratic.* Oxford University Press, New York.

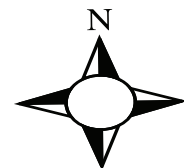
Willensky, Elliot and Norval White

1988 *AIA Guide to New York City.* Harcourt Brace Jovanovich, San Diego, New York, London.



LEGEND

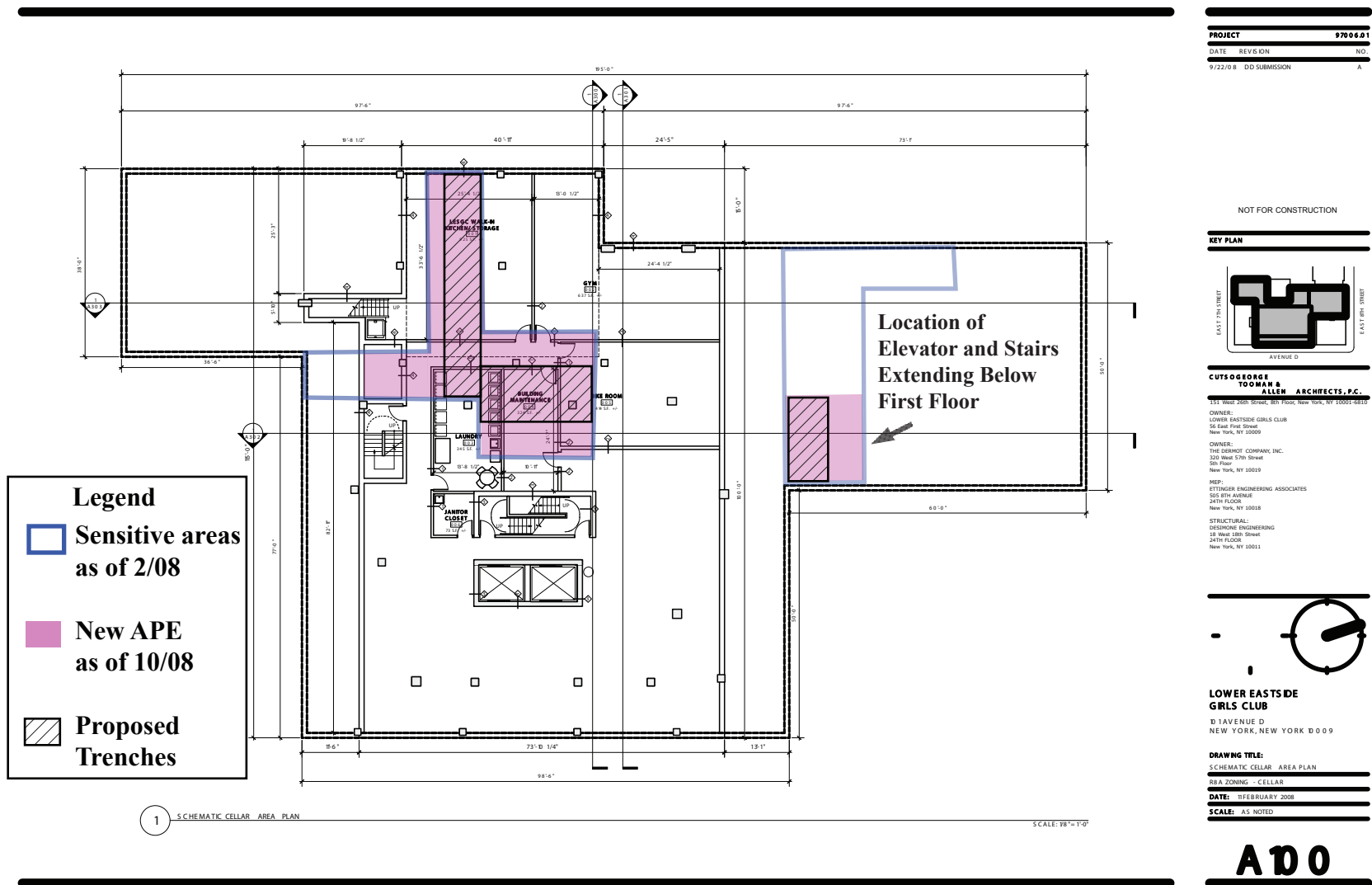
Arrow indicates Area of Potential Effect



LOWER EAST SIDE GIRLS CLUB, NEW YORK, NY

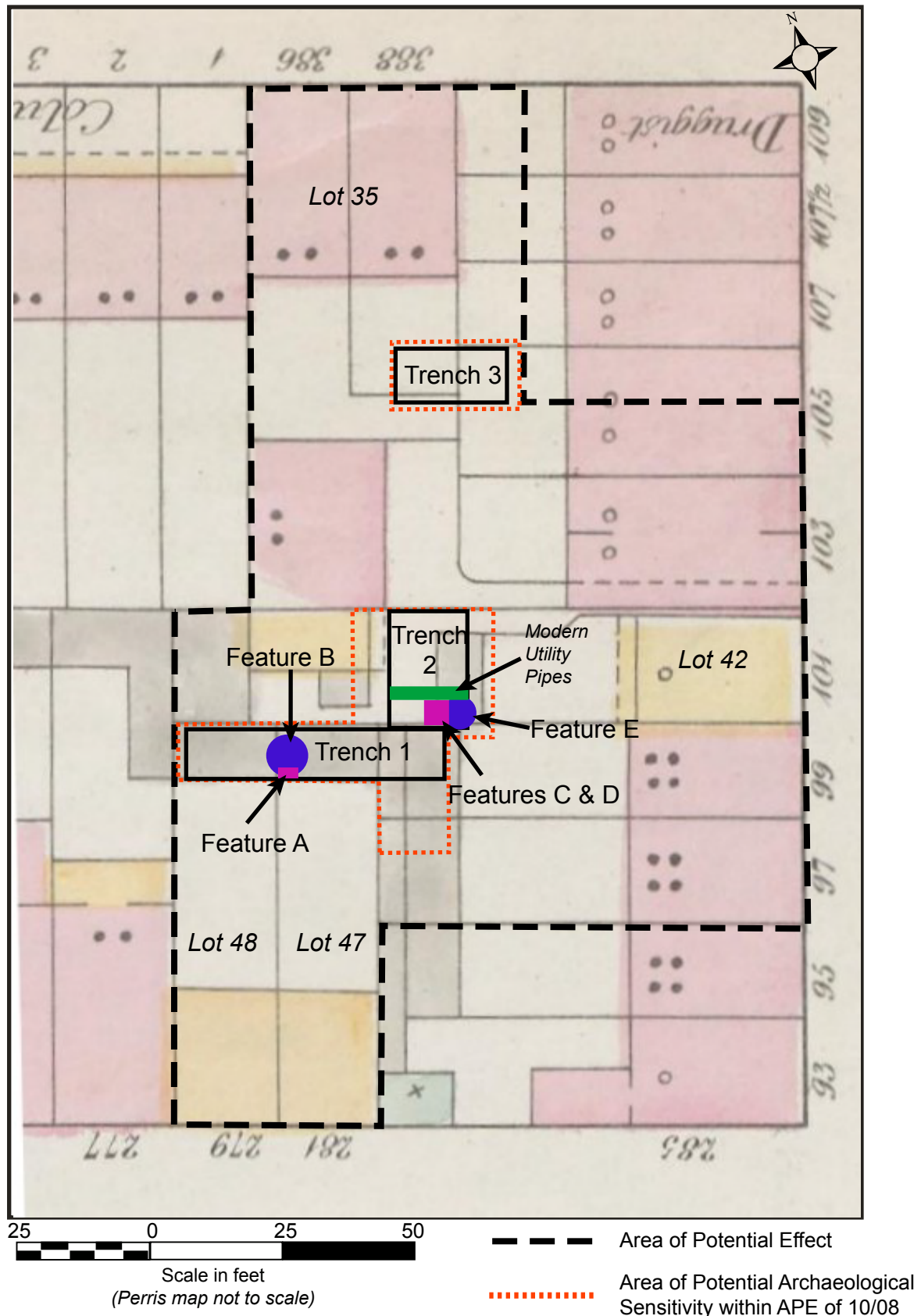
FIGURE 1: USGS Topographic Map, Brooklyn, N.Y., 1995





LOWER EAST SIDE GIRLS CLUB, NEW YORK, NY

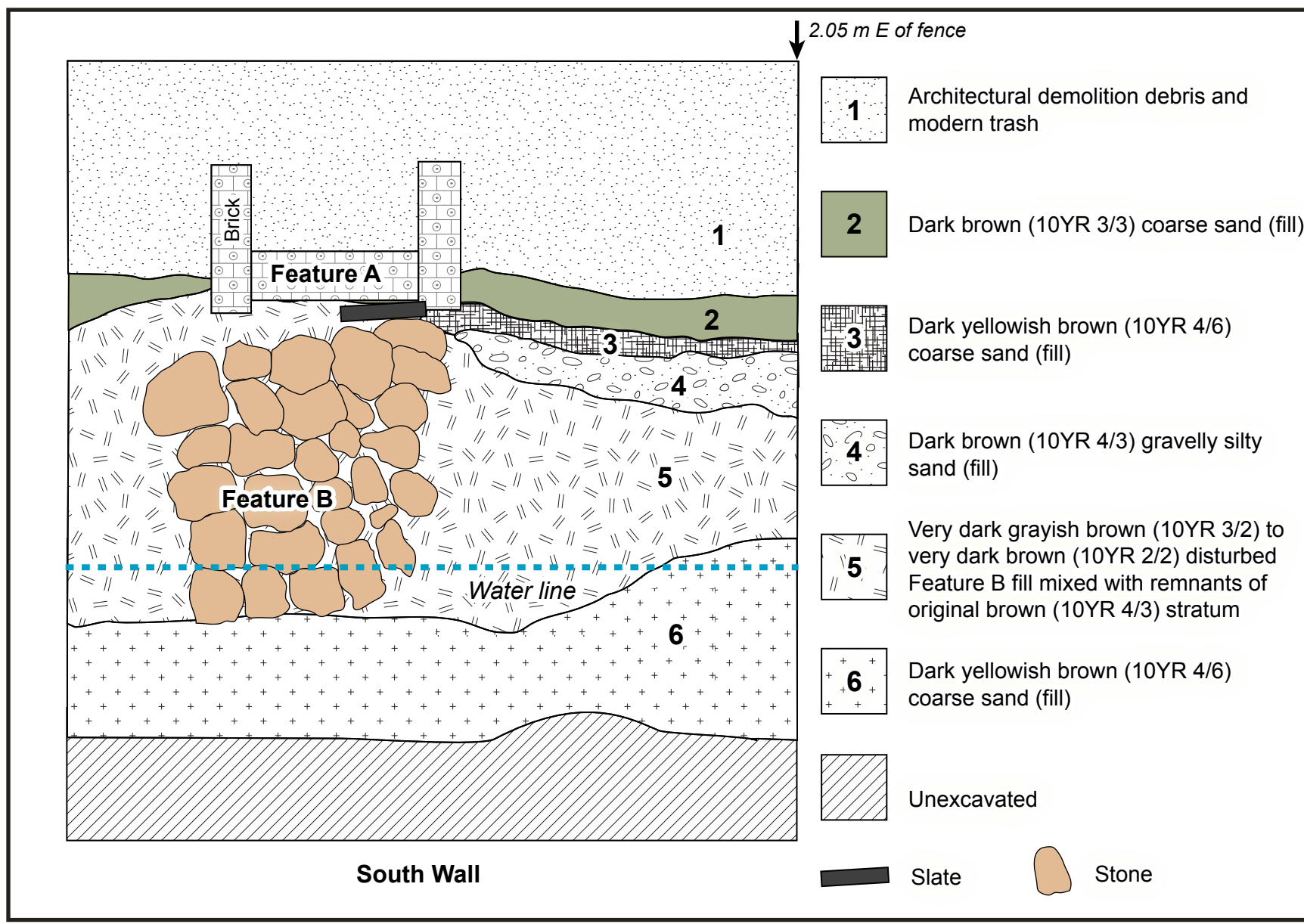
FIGURE 3: Proposed Test Trench Locations within APE and Areas of Archaeological Sensitivity



Lower East Side Girls Club Project Site
Block 377, Manhattan, New York County, New York

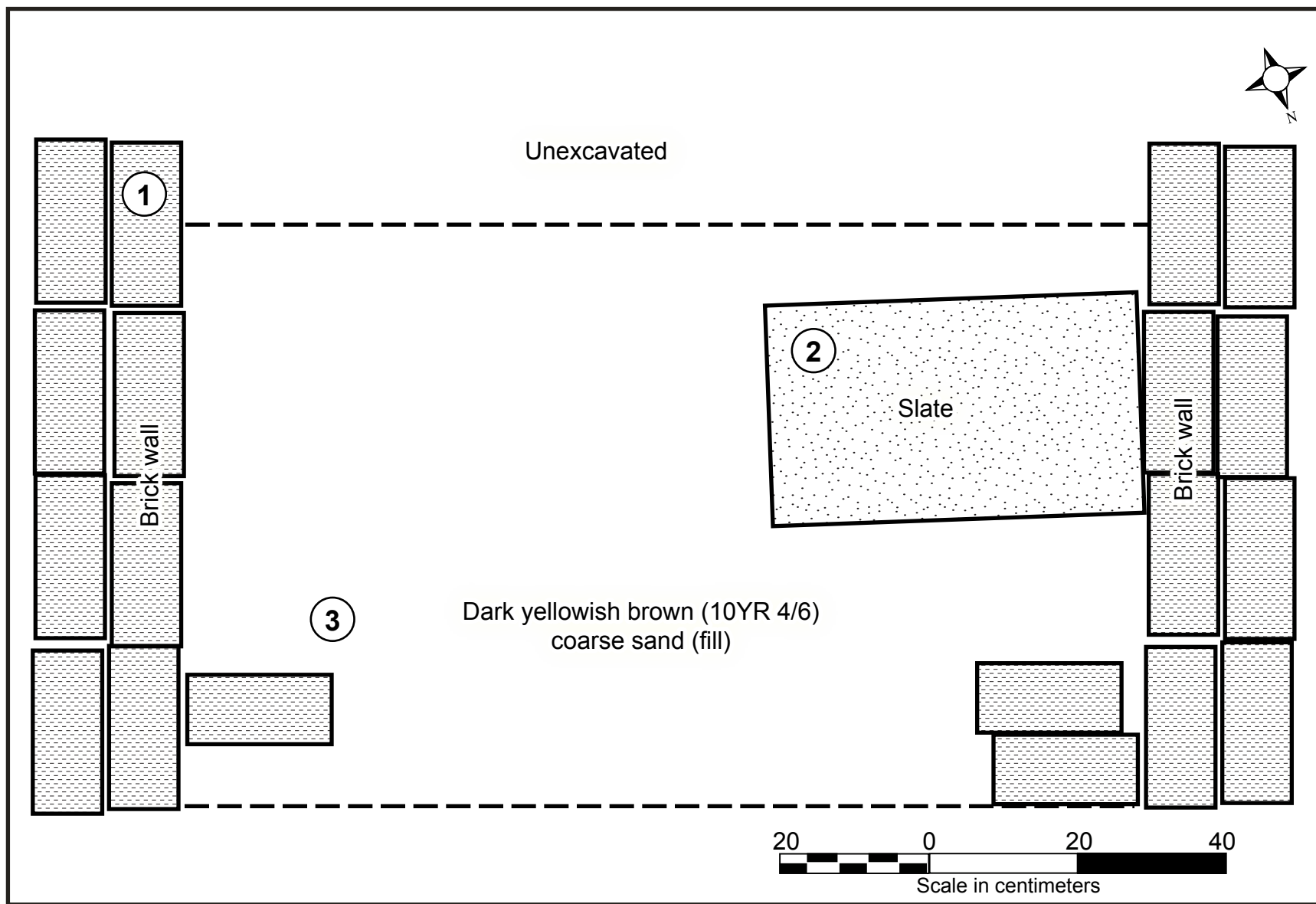


Figure 4: Map of trench locations and features.
Base map: Perris, Maps of the City of New York, 1857.



Lower East Side Girls Club Project Site
Block 377, Manhattan, New York County, New York

Figure 5: Trench 1 profile.



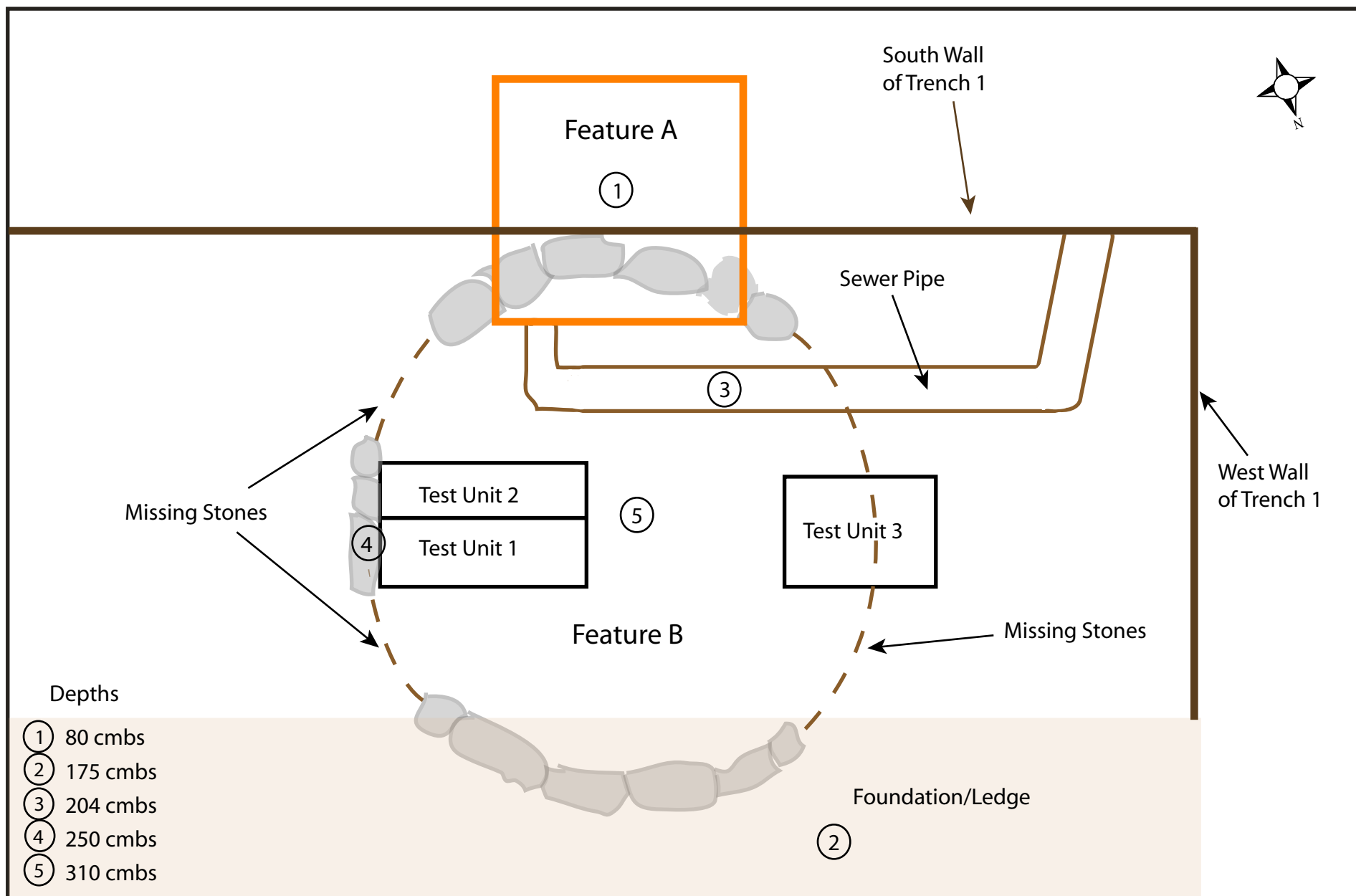
Lower East Side Girls Club Project Site
Block 377, Manhattan, New York County, New York

Figure 6: Trench 2, Feature A, Field Plan.

Depths:

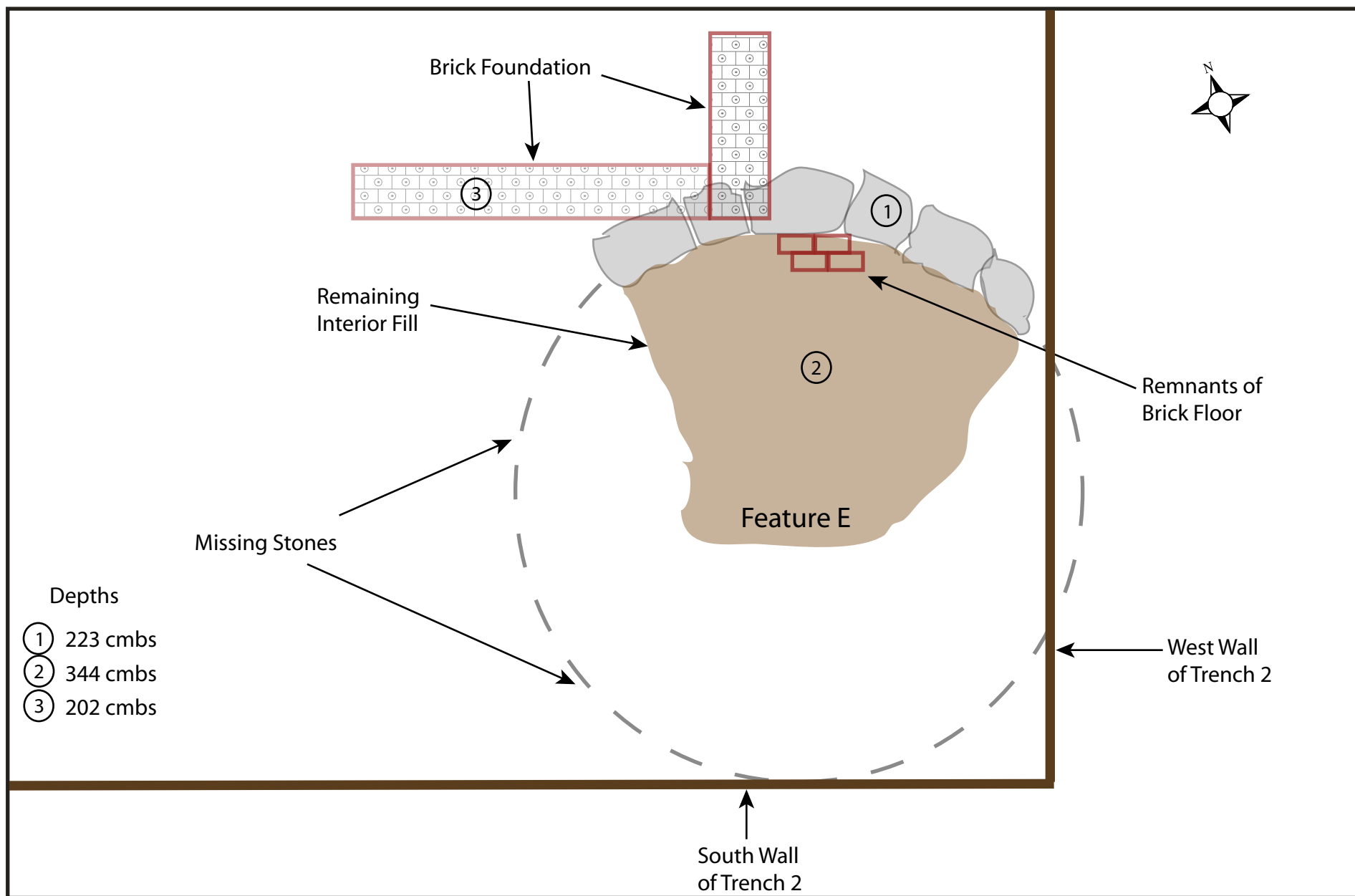
- ① 50 cm below surface
- ② 80 cm below surface
- ③ 80 cm below surface





Lower East Side Girls Club Project Site
Block 377, Manhattan, New York County, New York

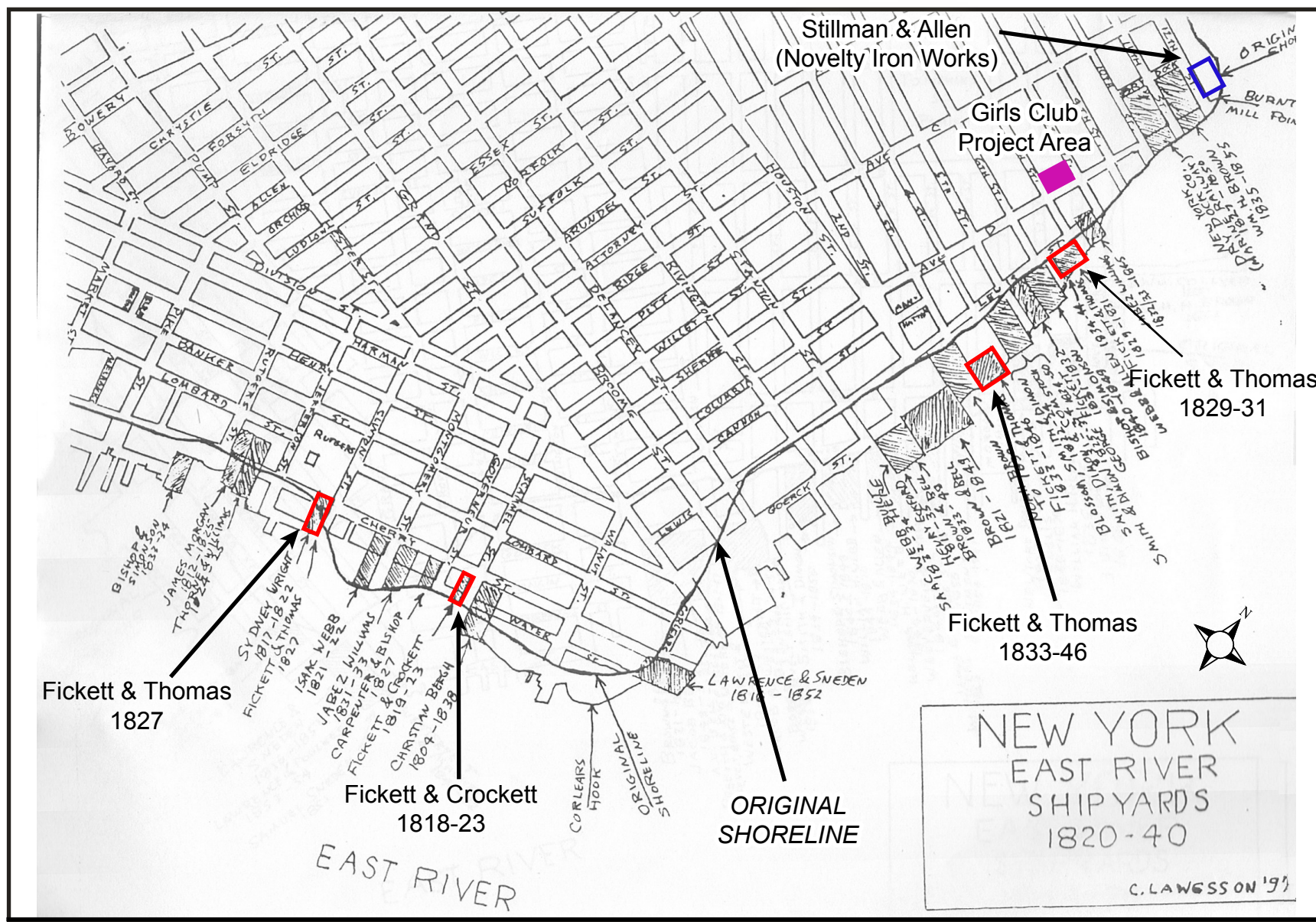
Figure 7: Trench 1, Feature B, Field Plan.



Lower East Side Girls Club Project Site
Block 377, Manhattan, New York County, New York

Figure 9: Trench 2, Feature E, Field Plan.

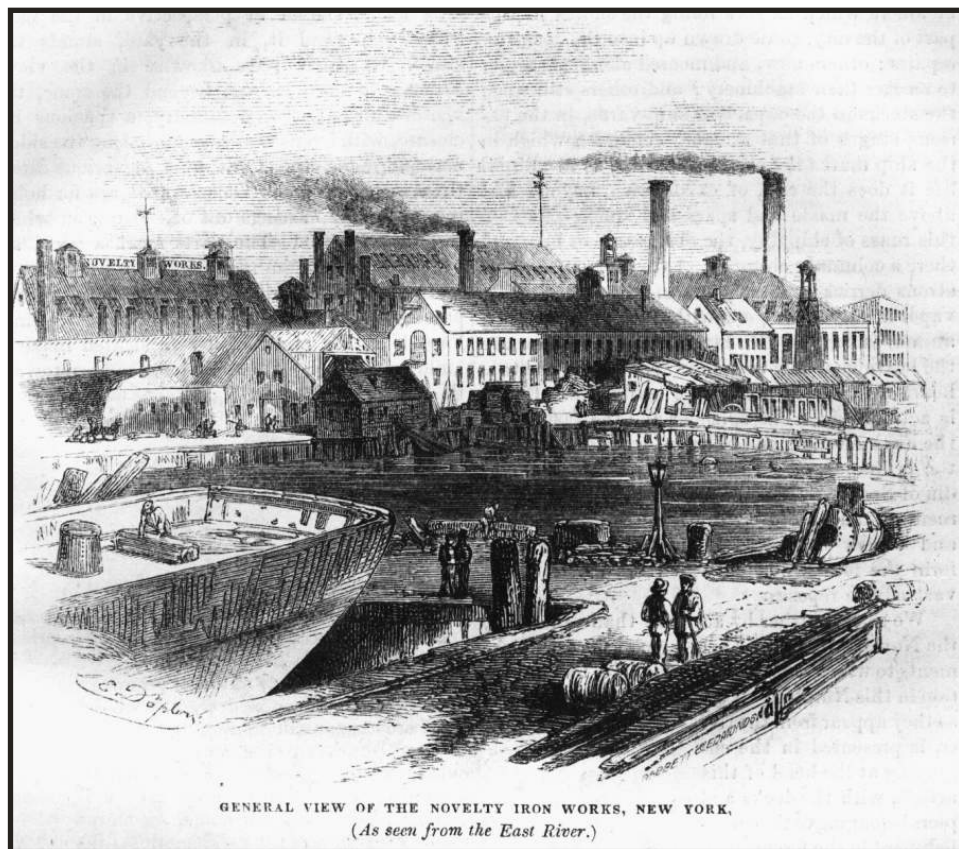
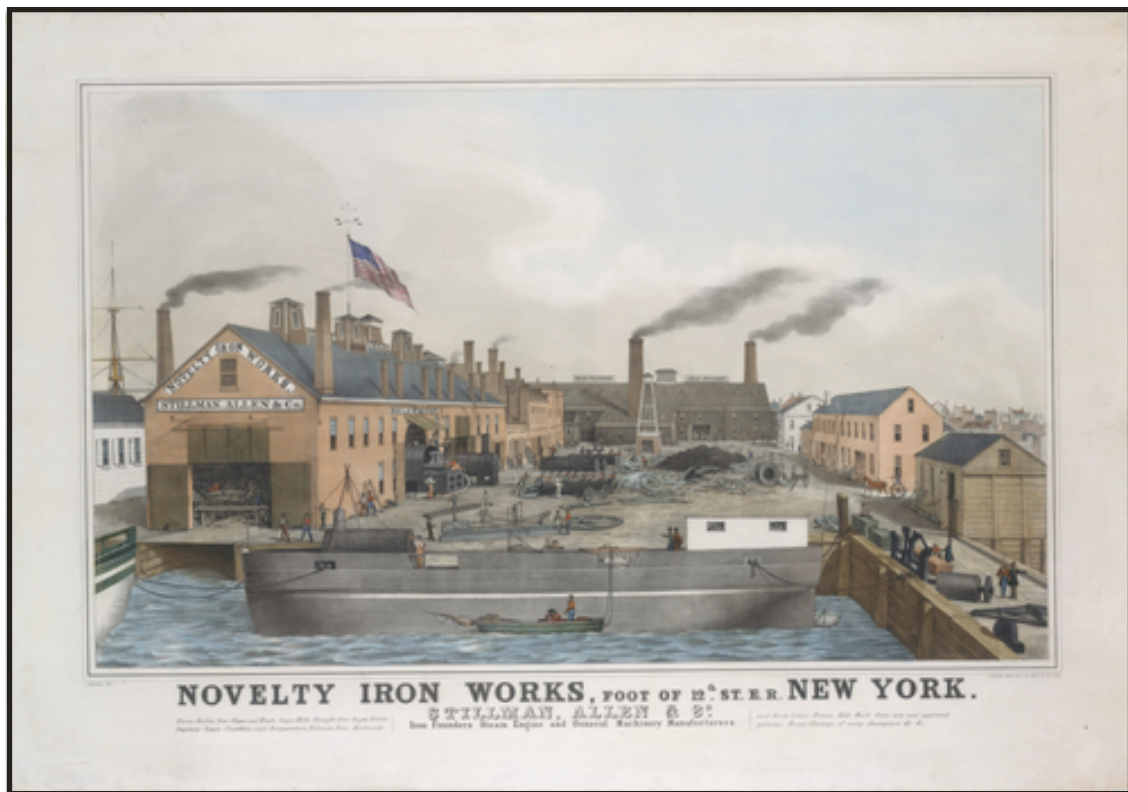




Lower East Side Girls Club Project Site
Block 377, Manhattan, New York County, New York

Figure 10: Locations of Fickett and Stillman shipyards.
Base map: Lawesson, *New York East River Shipyards 1820-40, 1997*.





Lower East Side Girls Club Project Site
Block 377, Manhattan, New York County, New York

Figure 11: Two historic views of the Novelty Iron Works, Stillman, Allen & Co.
Sources: J. Penniman, Endicott & Co., c. 1845; Harper's Monthly May 1851.





Ground surface of northwestern portion of project area, looking north.

Lower East Side Girls Club
Block 377, Manhattan, New York County, New York

Photograph 1.





Ground surface of northern portion of project area, looking northeast.

Lower East Side Girls Club
Block 377, Manhattan, New York County, New York

Photograph 2.

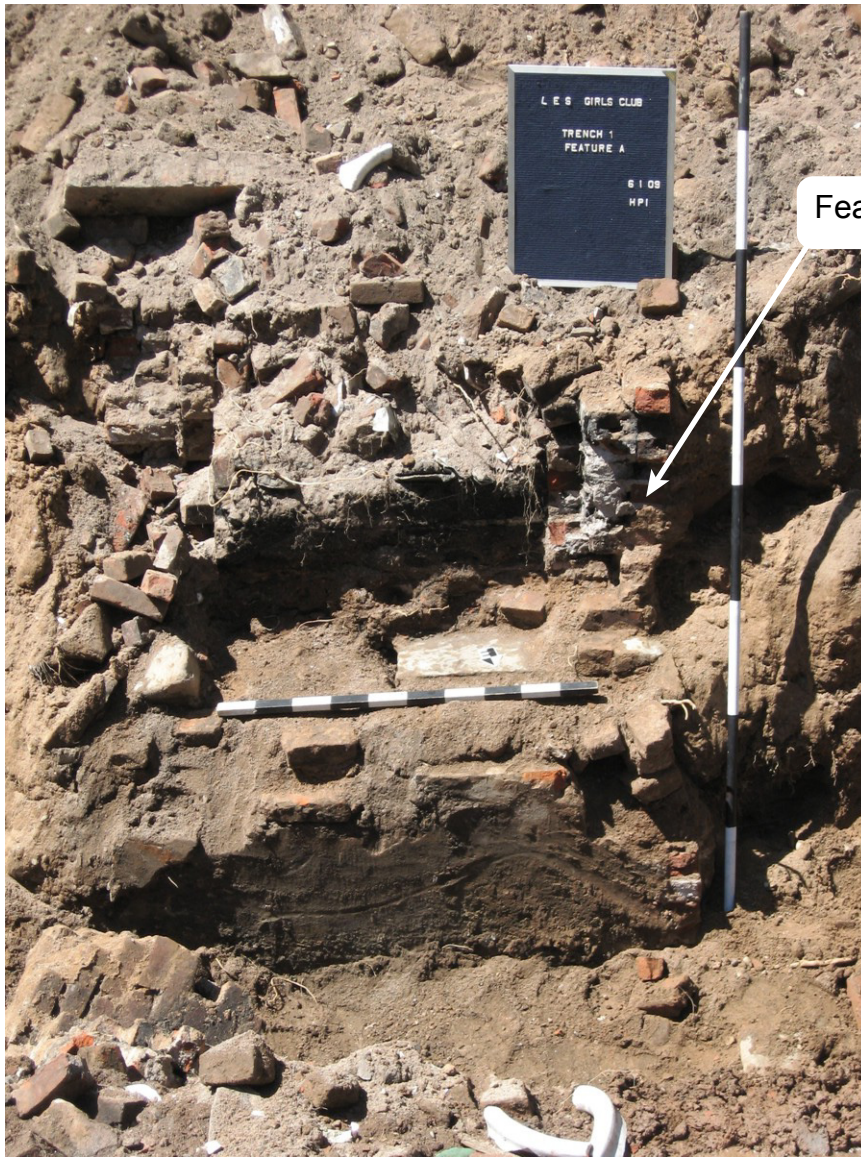




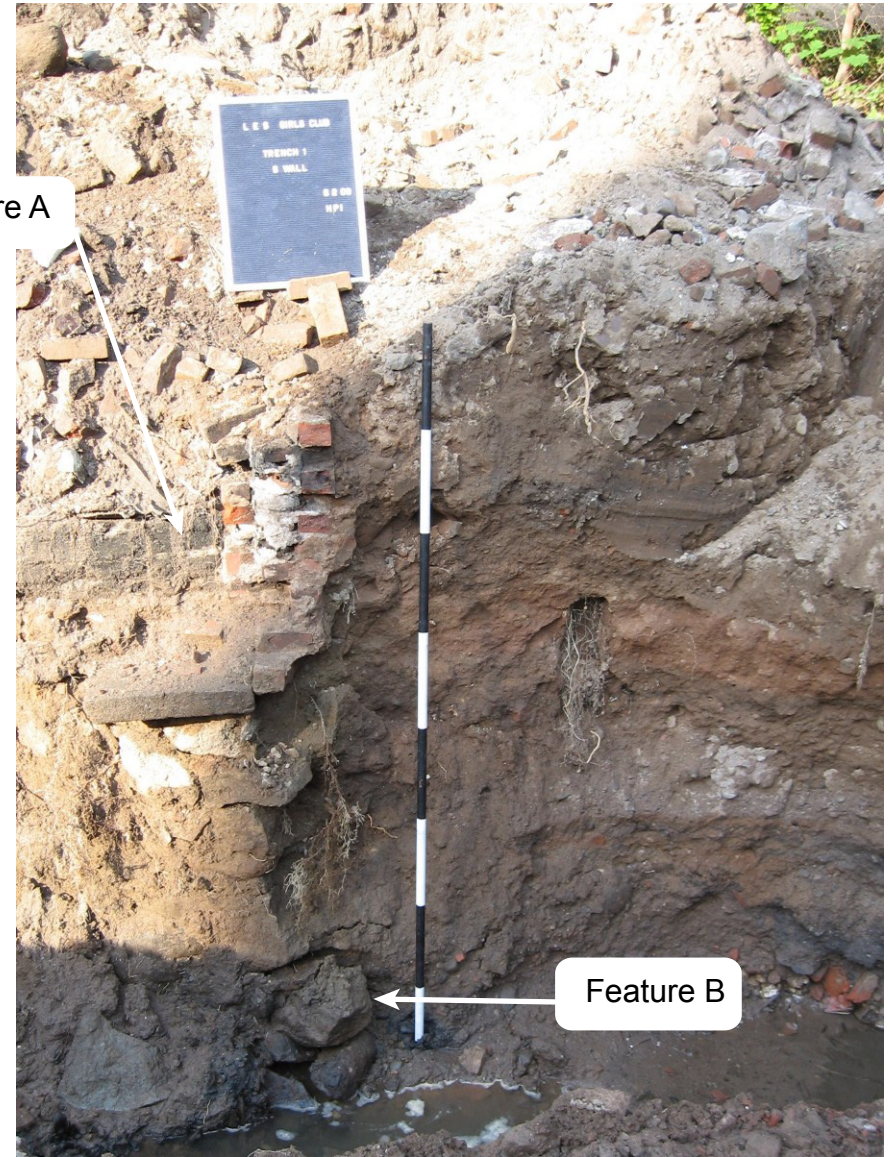
Trash along north wall of Trench 1, looking north.



North wall of Trench 1, showing foundation and Feature B below.



Feature A in Trench 1, looking south.



Feature A and the top of Feature B in Trench 1, looking south.

Lower East Side Girls Club
Block 377, Manhattan, New York County, New York

Photographs 5 and 6.





Feature B in Trench 1, looking east, after hand excavation.



Safety walls placed in Trench 1 for hand excavation, looking west.

Lower East Side Girls Club
Block 377, Manhattan, New York County, New York

Photographs 7 and 8.





Feature B in Trench 1, looking north, at end of excavation.



Feature B in Trench 1, looking south, at end of excavation.

Lower East Side Girls Club
Block 377, Manhattan, New York County, New York

Photographs 9 and 10.





Eastern end of Trench 1, at completion of excavation.



Trench 2, showing trash and fill in upper levels, looking south.

Lower East Side Girls Club
Block 377, Manhattan, New York County, New York

Photographs 11 and 12.





Pipes running east-west across Trench 2, looking south.



Top of Feature C in Trench 2 and view of pipes, looking north.



Feature C in Trench 2, looking south.



Feature D in Trench 2, showing deposit of oyster shells.



West wall of Trench 2, showing pipes to north and adjacent foundation walls.



Location of brick foundation wall above Feature E

Feature E in Trench 2, looking north.



Large sections of peat removed from bottom of Feature E in Trench 2.



Trench 3, looking south.

| Trench | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|------------|---------------------------------|-----|------------------|---------|-------------|---------------|------------|----------|---|
| 1 | exterior A | ashy area nr o/s Feat A | 1 | food related | ceramic | earthenware | redware | vessel | fragment | unglazed, base |
| 1 | exterior A | ashy area nr o/s Feat A | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | ironstone, rim |
| 1 | exterior A | ashy area nr o/s Feat A | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | ironstone, body |
| 1 | exterior A | ashy area nr o/s Feat A | 2 | food remains | organic | shell | oyster | shell | complete | |
| 1 | exterior A | ashy area nr o/s Feat A | 1 | personal | ceramic | earthenware | whiteware | chamberpot | fragment | ironstone, base |
| 1 | below A | outside lower wall, blw 117cmbs | 2 | food related | ceramic | earthenware | whiteware | vessel | fragment | ironstone, rim |
| 1 | near A | | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferware, rim, partial design of squiggles |
| 1 | near A | | 1 | personal | glass | colorless | machine-made | ink bottle | fragment | square, embossed "PERINE/GUYOT/CIE" |
| 1 | exterior B | | 1 | food related | ceramic | earthenware | cream colored | bowl | fragment | handpainted blue and yellow floral design |
| 1 | exterior B | | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue shell edged with scalloped and feather/wheat molded design |
| 1 | nr B | mixed strata | 1 | food remains | organic | bone | mammal | bone | fragment | long bone, small mammal |
| 1 | | nr foundation wall at 117cmbs | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferware, floral design int. and ext. |
| 1 | | 2.20mbs | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | ironstone, body w/ fragment of handle |
| 1 | | 2.20mbs | 1 | food related | glass | green tint | machine-made | bottle | complete | blob top, embossed "W & T/57 DOWNING ST/N.Y." |
| 1 | | 2.20mbs | 1 | unaffiliated | organic | shell | whelk | shell | complete | 2" L |
| 1 | | scatter | 1 | food related | ceramic | earthenware | redware | jar | complete | 5.5" H, 3.5" D, clear glaze w/ dark brown glaze @ |
| 1 | | scatter | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | ironstone, base, imprinted "...L PATENT/...NSTONE/...GODDDARD &..." w/ lion and unicorn royal arms; Turner, Goddard & Co, Tunstall, 1867-1874 |
| 1 | | scatter | 1 | food related | glass | aqua tint | machine-made | bottle | fragment | round soda, all but neck, embossed "XXX GINGER ALE/TRADE HT MARK/1879/H. TONJES/48 HORATION ST NY" |
| 1 | | scatter | 1 | personal | ceramic | earthenware | whiteware | chamberpot | fragment | ironstone, rim |

| Trench | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|---------|---------|------------------------------|-----|------------------|---------|-------------|--------------|----------------|----------|--|
| 1 | | scatter | 1 | personal | ceramic | earthenware | whiteware | chamberpot | fragment | ironstone, base, rim, and handle; molded leaf design on handle |
| 1 | | scatter | 1 | personal | clay | kaolin | smoking pipe | stem | fragment | used |
| 1 | | scatter | 1 | personal | clay | kaolin | smoking pipe | stem | fragment | double molded band w/ double row of leaves |
| 2 north | | Utility trench pipe #3 | 2 | Food related | ceramic | earthenware | whiteware | cup | fragment | ironstone, undecorated, burnt; mends |
| 2 north | | Utility trench pipe #3 | 1 | Food related | ceramic | earthenware | whiteware | plate | fragment | blue transferware, flow blue, floral design, possibly Chinese scene, ironstone, impressed w/ anchor, blue transferware, flow blue, Chinese scene w/ water carrier, ironstone, scalloped molded rim |
| 2 north | | Utility trench pipe #3 | 1 | Food related | ceramic | earthenware | whiteware | plate | fragment | blue transferprint, scenic design |
| 2 north | | Utility trench pipe #3 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferware scene w/ 2 figures in boat, floral along rim, scalloped rim, trefoil molded attachment; |
| 2 north | | Utility trench pipe #3 | 1 | Food related | ceramic | earthenware | yellowware | vessel | fragment | undecorated, rolled rim |
| 2 north | | Utility trench pipe #3 | 1 | Food related | ceramic | porcelain | hard paste | cup | fragment | w/ part of handle, gilded floral design, now faded to purple |
| 2 north | | Utility trench pipe #3 | 2 | Food remains | organic | bone | mammal | bone | fragment | 1 piece is cut |
| 2 north | | Utility trench pipe #3 | 1 | Food remains | organic | shell | oyster | shell | fragment | v large |
| 2 north | | Utility trench pipe #3 | 1 | personal | clay | kaolin | smoking pipe | stem | fragment | used |
| 2 north | | Gray ash layer (198-230cmbs) | 2 | architectural | glass | tinted | flat | window | fragment | |
| 2 north | | Gray ash layer (198-230cmbs) | 1 | architectural | metal | iron | | unidentified | fragment | nail or wire |
| 2 north | | Gray ash layer (198-230cmbs) | 1 | architectural | other | | | mortar/plaster | fragment | |
| 2 north | | Gray ash layer (198-230cmbs) | 1 | food related | ceramic | earthenware | redware | vessel | fragment | base, brown glaze |

| Trench | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|---------|---------|------------------------------|-----|------------------|---------|-------------|------------|--------------|----------|---|
| 2 north | | Gray ash layer (198-230cmbs) | 2 | food related | ceramic | earthenware | whiteware | bowl | fragment | ironstone, molded panels and scallop design inside rim, could be deep saucer, impressed "J. WEDGWOOD/IRONSTONE CHINA" in rounded rectangle; mends; made by John Wedge Wood, 1841-1860 |
| 2 north | | Gray ash layer (198-230cmbs) | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferware, floral design, rim |
| 2 north | | Gray ash layer (198-230cmbs) | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferware, asian scene, base |
| 2 north | | Gray ash layer (198-230cmbs) | 5 | food related | ceramic | earthenware | whiteware | vessel | fragment | 3 rim, 1 base, 1 body, undecorated |
| 2 north | | Gray ash layer (198-230cmbs) | 1 | food related | ceramic | porcelain | hard paste | vessel | fragment | |
| 2 north | | Gray ash layer (198-230cmbs) | 1 | food related | glass | blue | | bottle | fragment | body, paneled round, embossed 5-point star |
| 2 north | | Gray ash layer (198-230cmbs) | 1 | food related | glass | colorless | | bottle | fragment | |
| 2 north | | Gray ash layer (198-230cmbs) | 1 | food related | glass | tinted | | bottle | fragment | |
| 2 north | | Gray ash layer (198-230cmbs) | 1 | food remains | organic | bone | mammal | bone | fragment | |
| 2 north | | Gray ash layer (198-230cmbs) | 2 | food remains | organic | shell | clam | shell | complete | soft shell |
| 2 north | | Gray ash layer (198-230cmbs) | 3 | food remains | organic | shell | oyster | shell | fragment | |
| 2 north | | Gray ash layer (198-230cmbs) | 2 | lighting | glass | colorless | | lamp chimney | fragment | v. thin |
| 2 north | | Gray ash layer (198-230cmbs) | 5 | lighting | glass | colorless | | lamp globe | fragment | 3 rim, 2 body |
| 2 north | | Gray ash layer (198-230cmbs) | 1 | unaffiliated | other | | anthracite | coal | fragment | |
| 2 north | | Brown stratum below ash | 1 | architectural | glass | colorless | flat | window | fragment | |
| 2 north | | Brown stratum below ash | 5 | food related | ceramic | earthenware | whiteware | plate | fragment | blue transferprint, floral design, stamped with "...STONE" in circle and partial banner design; 2 pcs |
| 2 north | | Brown stratum below ash | 2 | food related | ceramic | earthenware | whiteware | plate | fragment | blue transferprint, asian design, scalloped molded rim; mends |

| Trench | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|---------|------------|-------------------------|-----|------------------|---------|-------------|---------------|--------|----------|--|
| 2 north | | Brown stratum below ash | 2 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, floral design w/ urn, decorated on both sides, flat; mends |
| 2 north | | Brown stratum below ash | 4 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, small frags w/ geometric design; 2 pcs mend |
| 2 north | | Brown stratum below ash | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue shell edged rim, no molding |
| 2 north | | Brown stratum below ash | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, small rim frag, probably cup |
| 2 north | | Brown stratum below ash | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | undecorated ironstone |
| 2 north | | Brown stratum below ash | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, floral design |
| 2 north | | Brown stratum below ash | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, rim, spongeware-like design |
| 2 north | | Brown stratum below ash | 1 | food related | ceramic | earthenware | whiteware | vessel | spall | rim w/ brown annular design |
| 2 north | | Brown stratum below ash | 2 | food related | ceramic | porcelain | hard paste | vessel | fragment | rim w/ silver (faded) annular decoration and leaves |
| 2 north | | Brown stratum below ash | 1 | food related | glass | green tint | | bottle | fragment | body, flat panel w/ chamfered edges |
| 2 north | | Brown stratum below ash | 1 | food remains | organic | shell | oyster | shell | fragment | |
| 2 north | | Brown stratum below ash | 1 | food remains | organic | shell | clam | shell | complete | hard shell |
| 2 north | | Brown stratum below ash | 9 | food remains | organic | shell | clam | shell | fragment | soft shell |
| 2 north | | Brown stratum below ash | 1 | personal | glass | white | | button | complete | 4 hole |
| 2 south | exterior C | | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, scene, base partial impressed stamp "...ranted." |
| 2 south | exterior C | | 1 | food related | ceramic | earthenware | red/gray body | vessel | fragment | gray salt glazed exterior/red body interior - underfired? |

| Trench | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|---------|------------|---------|-----|------------------|---------|-------------|---------------|--------------|----------|--|
| 2 south | exterior C | | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | undecorated |
| 2 south | exterior C | | 2 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, floral design |
| 2 south | exterior C | | 1 | food related | ceramic | porcelain | hard paste | vessel | fragment | traces of red hand painted overglaze floral design |
| 2 south | adj W to C | 2.10mbs | 1 | architectural | glass | colorless | flat | window | fragment | |
| 2 south | adj W to C | 2.10mbs | 1 | architectural | metal | iron | | unidentified | fragment | possibly nail |
| 2 south | adj W to C | 2.10mbs | 4 | food related | ceramic | earthenware | buff body | jar | fragment | white glaze, undecorated, body and rolled rim |
| 2 south | adj W to C | 2.10mbs | 3 | food related | ceramic | earthenware | cream colored | plate | fragment | undecorated rim; mends |
| 2 south | adj W to C | 2.10mbs | 2 | food related | ceramic | earthenware | cream colored | vessel | fragment | undecorated, rolled rim, possibly crock |
| 2 south | adj W to C | 2.10mbs | 6 | food related | ceramic | earthenware | cream colored | vessel | fragment | undecorated |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | cream colored | vessel | fragment | undecorated, cup or bowl |
| 2 south | adj W to C | 2.10mbs | 4 | food related | ceramic | earthenware | cream colored | vessel | fragment | undecorated rim, probably plate; mends |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | pearlware | bowl | fragment | base, undecorated |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | pearlware | cup | fragment | base, foot has dark blue annular design |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | pearlware | plate | fragment | rim, molded dot and diamond pattern, straight rim |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | pearlware | vessel | fragment | hand painted polychrome design, yellow, blue, brown, and green; cup or bowl |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | pearlware | vessel | fragment | base, chinese scene |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | redware | handle | fragment | dark brown glaze |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | redware | jug | fragment | lip, neck, and shoulder, dark brown glaze |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | redware | vessel | fragment | slip decorated int. |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | redware | vessel | fragment | rim, slip decorated, w/ brown engine turned rings ext. |
| 2 south | adj W to C | 2.10mbs | 3 | food related | ceramic | earthenware | redware | vessel | fragment | dark brown glaze ext., clear int., mends |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | redware | vessel | fragment | dark brown glaze int and ext |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | redware | vessel | fragment | rim, dark brown glaze on one side |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | whiteware | cup | fragment | hand painted brown design, annular and floral design; int has 2 bands, ext. has 1 band and floral dsgn |

| Trench | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|---------|------------|---------------|-----|------------------|---------|-------------|----------------|--------------|----------|---|
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | whiteware | jar | fragment | base and body, brown annular design near base and molded rings |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | whiteware | plate | fragment | blue shell edge, molded |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | whiteware | plate | fragment | blue shell edge, scalloped and molded |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | whiteware | plate | fragment | scalloped rim |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | ironstone, undecorated base w/ molded foot |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferware, floral design, rim |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue shell edge, scalloped and molded |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | undecorated |
| 2 south | adj W to C | 2.10mbs | 3 | food related | ceramic | earthenware | | vessel | fragment | rim, undecorated; mends |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | porcelain | chinese export | vessel | spall | blue underglaze design |
| 2 south | adj W to C | 2.10mbs | 2 | food related | ceramic | porcelain | hard paste | vessel | fragment | rim w/ overglaze black annular design and red swags, very thin, probably cup; mends |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | stoneware | buff body | vessel | fragment | gray salt glazed ext |
| 2 south | adj W to C | 2.10mbs | 1 | food related | ceramic | stoneware | gray body | vessel | fragment | salt glazed ext |
| 2 south | adj W to C | 2.10mbs | 1 | food related | glass | green | | bottle | fragment | body |
| 2 south | adj W to C | 2.10mbs | 1 | food related | glass | green | | bottle | fragment | shoulder |
| 2 south | adj W to C | 2.10mbs | 1 | food related | glass | olive green | mold made | bottle | fragment | base, probably wine, high kick |
| 2 south | adj W to C | 2.10mbs | 1 | food related | glass | olive green | mold made | bottle | fragment | base, probably wine, moderate kick |
| 2 south | adj W to C | 2.10mbs | 2 | food related | glass | olive green | mold made | bottle | fragment | base, large diameter |
| 2 south | adj W to C | 2.10mbs | 2 | food related | glass | olive green | | bottle | fragment | |
| 2 south | adj W to C | 2.10mbs | 1 | food related | glass | olive green | | bottle | fragment | neck |
| 2 south | adj W to C | 2.10mbs | 1 | food remains | organic | bone | unidentified | bone | fragment | v. small frags, one piece is cut |
| 2 south | adj W to C | 2.10mbs | 1 | food remains | organic | shell | clam | shell | complete | hard shell |
| 2 south | adj W to C | 2.10mbs | 2 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 2 south | adj W to C | 2.10mbs | 2 | lighting | glass | colorless | | lamp chimney | fragment | |
| 2 south | adj W to C | 2.10mbs | 3 | personal | organic | bone | | comb | fragment | lice comb |
| 2 south | | Brown stratum | 1 | food related | ceramic | earthenware | whiteware | plate | fragment | blue transferprint, floral border with scene |
| 2 south | | Brown stratum | 5 | food remains | organic | bone | mammal | bone | fragment | cut |

| Trench | Feature | Excavation Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|-------------------|-----|------------------|---------|-------------|--------------|--------------|----------|--|
| 1 | B | top (trunc.) of B | 2 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | top (trunc.) of B | 1 | food related | ceramic | earthenware | whiteware | plate | fragment | blue transferprint, scene on base "New York Battery", stamped "Stevenson" ca. 1820 |
| 1 | B | top (trunc.) of B | 3 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint |
| 1 | B | top (trunc.) of B | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint "Chinese" scene |
| 1 | B | top (trunc.) of B | 1 | food related | ceramic | earthenware | whiteware | bowl | fragment | blue shell edge, scalloped and molded |
| 1 | B | top (trunc.) of B | 2 | food related | ceramic | earthenware | whiteware | vessel | fragment | undecorated |
| 1 | B | top (trunc.) of B | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | partial mark impressed on base "TAFFORDS" |
| 1 | B | top (trunc.) of B | 2 | food related | ceramic | earthenware | ironstone | vessel | fragment | molded wheat pattern, with scallop around inner rim |
| 1 | B | top (trunc.) of B | 1 | food related | ceramic | earthenware | mochaware | vessel | fragment | brown and dark brown on annual gray background |
| 1 | B | top (trunc.) of B | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue hand painted floral |
| 1 | B | top (trunc.) of B | 1 | food related | ceramic | earthenware | whiteware | handle | fragment | pitcher, molded design |
| 1 | B | top (trunc.) of B | 2 | food related | ceramic | earthenware | redware | vessel | fragment | clear glaze int/ext, brown dots |
| 1 | B | top (trunc.) of B | 1 | food related | ceramic | earthenware | buff body | vessel | spall | |
| 1 | B | top (trunc.) of B | 1 | food related | glass | olive green | mold made | flask | fragment | base |
| 1 | B | top (trunc.) of B | 1 | food related | glass | olive green | mold made | bottle | fragment | shoulder and neck to flat lip |
| 1 | B | top (trunc.) of B | 1 | food related | glass | tinted | mold made | bottle | fragment | paneled condiment bottle |
| 1 | B | top (trunc.) of B | 1 | food related | glass | colorless | mold made | bottle | fragment | side panel embossed "DOC" |
| 1 | B | top (trunc.) of B | 7 | food related | glass | olive green | mold made | bottle | fragment | |
| 1 | B | top (trunc.) of B | 1 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | top (trunc.) of B | 1 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1 | B | top (trunc.) of B | 2 | lighting | glass | colorless | | lamp chimney | fragment | |
| 1 | B | top (trunc.) of B | 5 | personal | ceramic | earthenware | whiteware | chamberpot | fragment | |
| 1 | B | top (trunc.) of B | 1 | personal | ceramic | earthenware | redware | chamberpot | fragment | clear glaze int/ext, brown dots |
| 1 | B | top (trunc.) of B | 1 | personal | ceramic | porcelain | | container | fragment | |
| 1 | B | top (trunc.) of B | 1 | personal | ceramic | kaolin | smoking pipe | stem | fragment | mouth end has teeth wear, used |
| 1 | B | top (trunc.) of B | 1 | personal | clay | kaolin | smoking pipe | bowl/stem | fragment | fluted, used, with heel |
| 1 | B | top (trunc.) of B | 1 | unaffiliated | ceramic | | utility | pipe | fragment | |
| 1 | B | top (trunc.) of B | 1 | unaffiliated | metal | lead | | unidentified | fragment | |
| 1 | B | top (trunc.) of B | 4 | unaffiliated | organic | | resin | unidentified | fragment | |
| 1 | B | 1 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint |

| Trench | Feature | Excavation Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|------------------|-----|------------------|---------|-------------|----------------|--------------|----------|---|
| 1 | B | 1 | 1 | food related | ceramic | earthenware | cream-colored | vessel | fragment | |
| 1 | B | 1 | 4 | food related | ceramic | earthenware | whiteware | vessel | fragment | |
| 1 | B | 1 | 1 | food related | ceramic | earthenware | ironstone | vessel | fragment | |
| 1 | B | 1 | 1 | food related | glass | olive green | mold made | bottle | fragment | shoulder to neck, applied lip with complete string rim and cork @ |
| 1 | B | 1 | 1 | food related | ceramic | earthenware | unidentified | vessel | fragment | burned, melted with attached slag |
| 1 | B | 1 | 7 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 1 | 3 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1 | B | 2 | 2 | food related | ceramic | earthenware | whiteware | cup | fragment | brown transferprint, floral design @ |
| 1 | B | 2 | 2 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 2 | 1 | lighting | glass | colorless | | lamp chimney | fragment | |
| 1 | B | 2 | 1 | unaffiliated | organic | leather | | unidentified | fragment | strap, cut or shaped |
| 1 | B | 3 | 1 | architectural | stone | | slate | shingle | fragment | |
| 1 | B | 3 | 1 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | 3 | 1 | food related | ceramic | earthenware | whiteware | bowl | fragment | blue hand painted floral @ |
| 1 | B | 3 | 1 | food related | ceramic | earthenware | whiteware | bottle | fragment | green shell edge with molded rim |
| 1 | B | 3 | 1 | food related | glass | colorless | unidentified | bottle | fragment | |
| 1 | B | 3 | 1 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 3 | 1 | personal | glass | | | marble | fragment | early glass marble fragment with yellow spiral decoration |
| 1 | B | 4 | 1 | architectural | clay | | | brick | fragment | |
| 1 | B | 4 | 1 | food related | ceramic | earthenware | redware | vessel | fragment | slip decorated, glazed int, pie crust rim |
| 1 | B | 4 | 1 | food related | ceramic | earthenware | redware | vessel | fragment | slip decorated, glazed int |
| 1 | B | 4 | 1 | food related | ceramic | porcelain | Chinese export | bowl | fragment | blue hand painted scene |
| 1 | B | 4 | 1 | food related | ceramic | porcelain | hard paste | vessel | fragment | traces of red overglaze design |
| 1 | B | 4 | 2 | food related | ceramic | stoneware | gray body | vessel | fragment | Salt glaze ext, Albany slip int |
| 1 | B | 4 | 2 | food related | ceramic | earthenware | whiteware | bowl | fragment | blue hand painted floral @ |
| 1 | B | 4 | 3 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, scene |
| 1 | B | 4 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, scene - slightly burned |
| 1 | B | 4 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | molded green net pattern with brown line at rim |
| 1 | B | 4 | 7 | food related | ceramic | earthenware | whiteware | vessel | fragment | undecorated |
| 1 | B | 4 | 1 | food related | glass | colorless | | vessel | fragment | possible base of a tumbler or bottle |
| 1 | B | 4 | 3 | food remains | organic | shell | oyster | shell | fragment | |

| Trench | Feature | Excavation Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|------------------|-----|------------------|-------------|-------------|----------------|--------------|----------|---|
| 1 | B | 4 | 1 | food remains | organic | shell | clam | shell | fragment | soft shell |
| 1 | B | 4 | 2 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1 | B | 4 | 1 | food remains | organic | | cherry | pit | complete | |
| 1 | B | 4 | 1 | food related | organic | | peach | pit | complete | |
| 1 | B | 4 | 2 | personal | ceramic | earthenware | whiteware | chamberpot | fragment | |
| 1 | B | 4 | 1 | unaffiliated | other | | anthracite | coal | fragment | |
| 1 | B | 4 | 1 | unaffiliated | organic/met | wood/iron | | wood | fragment | tool or utensil handle |
| 1 | B | 4 | 1 | unaffiliated | organic | wood | | wood | fragment | worked |
| 1 | B | 4 | 1 | unaffiliated | other | | | slag | fragment | |
| 1 | B | 5 | 6 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | 5 | 1 | architectural | stone | | slate | shingle | fragment | |
| 1 | B | 5 | 3 | food related | ceramic | earthenware | whiteware | bowl | fragment | blue hand painted floral @ |
| 1 | B | 5 | 2 | food related | ceramic | earthenware | whiteware | cup | fragment | brown transferprint, floral design @ |
| 1 | B | 5 | 1 | food related | ceramic | earthenware | whiteware | plate | fragment | brown transferprint rim, floral scalloped and molded |
| 1 | B | 5 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue shell edge, scalloped and molded |
| 1 | B | 5 | 3 | food related | ceramic | earthenware | whiteware | vessel | fragment | undecorated |
| 1 | B | 5 | 1 | food related | ceramic | porcelain | Chinese export | bowl | fragment | blue hand painted scene |
| 1 | B | 5 | 1 | food related | glass | olive green | mold made | bottle | fragment | base and body, low kick @ |
| 1 | B | 5 | 6 | food related | glass | olive green | mold made | bottle | fragment | from above bottle @ |
| 1 | B | 5 | 1 | food related | glass | colorless | mold made | bottle | fragment | stained |
| 1 | B | 5 | 3 | food remains | organic | | cherry | pit | complete | |
| 1 | B | 5 | 2 | food remains | organic | | unidentified | pit | complete | |
| 1 | B | 5 | 1 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1 | B | 5 | 1 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 5 | 2 | food remains | organic | shell | scallop | shell | fragment | |
| 1 | B | 5 | 1 | food remains | organic | | chestnut | nut | fragment | possibly roasted |
| 1 | B | 5 | 1 | personal | ceramic | earthenware | whiteware | chamberpot | fragment | |
| 1 | B | 5 | 1 | personal | clay | kaolin | smoking pipe | bowl | fragment | fluted, used, with traces of unidentified molded design at the top of the mouth |
| 1 | B | 5 | 1 | personal | organic | leather | | belt | fragment | strap with three holes |
| 1 | B | 5 | 1 | personal | organic | leather | | shoe | fragment | with stitch marks |
| 1 | B | 5 | 1 | unaffiliated | organic/met | wood/iron | | unidentified | fragment | possible tool handle or furniture leg |
| 1 | B | 5 | 1 | unaffiliated | organic | wood | | unidentified | fragment | possible furniture leg |

| Trench | Feature | Excavation Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|------------------|-----|------------------|---------|-------------|-------------|--------------|----------|---|
| 1 | B | 5 | 3 | unaffiliated | organic | wood | | wood | fragment | worked |
| 1 | B | 6 | 3 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | 6 | 1 | food related | ceramic | earthenware | redware | vessel | fragment | slip decorated, glazed int |
| 1 | B | 6 | 1 | food related | ceramic | earthenware | whiteware | bowl | fragment | blue shell edge, scalloped and molded |
| 1 | B | 6 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue shell edge, molded |
| 1 | B | 6 | 2 | food related | ceramic | earthenware | whiteware | saucer | fragment | blue hand painted |
| 1 | B | 6 | 2 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, floral |
| 1 | B | 6 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | brown line at rim |
| 1 | B | 6 | 2 | food related | ceramic | earthenware | whiteware | vessel | fragment | undecorated |
| 1 | B | 6 | 1 | food related | ceramic | earthenware | graniteware | vessel | fragment | |
| 1 | B | 6 | 1 | food related | glass | olive green | mold made | bottle | fragment | |
| 1 | B | 6 | 13 | food related | glass | colorless | mold made | bottle | fragment | stained |
| 1 | B | 6 | 4 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 6 | 3 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1 | B | 6 | 1 | food remains | organic | shell | clam | shell | fragment | soft shell |
| 1 | B | 6 | 1 | food remains | organic | shell | scallop | shell | fragment | |
| 1 | B | 6 | 1 | food remains | organic | | cherry | pit | complete | |
| 1 | B | 6 | 1 | personal | organic | wood | | spool | complete | |
| 1 | B | 6 | 11 | personal | ceramic | earthenware | whiteware | chamberpot | fragment | |
| 1 | B | 6 | 1 | unaffiliated | metal | iron | | unidentified | fragment | possible spike with heavy concretions |
| 1 | B | 6 | 1 | unaffiliated | organic | wood | | plug | complete | circular, for woodworking |
| 1 | B | 6 | 1 | unaffiliated | organic | wood | | wood | fragment | worked, possible drawer part, fragments of iron noted |
| 1 | B | 6 | 1 | unaffiliated | other | | anthracite | coal | fragment | |
| 1 | B | 7 | 1 | food related | ceramic | earthenware | redware | vessel | fragment | unglazed |
| 1 | B | 7 | 1 | food related | ceramic | stoneware | gray body | vessel | fragment | exterior salt glazed |
| 1 | B | 7 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue shell edge, scalloped and molded |
| 1 | B | 7 | 1 | food related | ceramic | earthenware | ironstone | vessel | fragment | with part of impressed mark "AFFOR" |
| 1 | B | 7 | 2 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 7 | 1 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1 | B | 7 | 3 | food remains | organic | | cherry | pit | complete | |
| 1 | B | 7 | 1 | personal | organic | leather | | shoe | fragment | with attached iron concretion |
| 1 | B | 7 | 1 | unaffiliated | organic | wood | | wood | fragment | worked, possible handle or furniture leg |
| 1 | B | 8 | 1 | architectural | metal | iron | | spike | fragment | |
| 1 | B | 8 | 2 | food related | ceramic | earthenware | mochaware | vessel | fragment | annular gray, brown, light brown |

| Trench | Feature | Excavation Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|------------------|-----|------------------|---------|-------------|---------------|----------------|----------|---|
| 1 | B | 8 | 1 | food related | ceramic | earthenware | whiteware | bowl | fragment | brown transferprint scene with floral border |
| 1 | B | 8 | 3 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint |
| 1 | B | 8 | 6 | food related | ceramic | earthenware | whiteware | vessel | fragment | |
| 1 | B | 8 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | possibly burned or stained |
| 1 | B | 8 | 1 | food related | ceramic | earthenware | buff body | vessel | fragment | |
| 1 | B | 8 | 1 | food related | glass | colorless | | bottle | fragment | |
| 1 | B | 8 | 1 | food related | organic | | bottle | cork | fragment | |
| 1 | B | 8 | 3 | food related | organic | shell | oyster | shell | fragment | |
| 1 | B | 8 | 2 | food related | organic | shell | clam | shell | fragment | hard shell |
| 1 | B | 8 | 1 | food remains | organic | | unidentified | nut | fragment | |
| 1 | B | 8 | 1 | lighting | glass | colorless | | lamp chimney | fragment | |
| 1 | B | 9 | 13 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | 9 | 6 | architectural | metal | iron | cut | nail | complete | |
| 1 | B | 9 | 5 | architectural | metal | iron | cut | nail | fragment | |
| 1 | B | 9 | 1 | architectural | clay | | | brick | fragment | |
| 1 | B | 9 | 1 | architectural | other | | | mortar/plaster | fragment | |
| 1 | B | 9 | 1 | architectural | other | | | plaster | fragment | traces of blue paint |
| 1 | B | 9 | 1 | food related | ceramic | earthenware | redware | pie plate | fragment | clear glaze int/ext, no glaze on base, brown dots |
| 1 | B | 9 | 1 | food related | ceramic | earthenware | redware | vessel | fragment | black glaze int/ext |
| 1 | B | 9 | 1 | food related | ceramic | earthenware | redware | vessel | fragment | brown glaze int |
| 1 | B | 9 | 7 | food related | ceramic | earthenware | mochaware | vessel | fragment | annular multicolor with dendritic design |
| 1 | B | 9 | 1 | food related | ceramic | earthenware | cream-colored | vessel | fragment | unidentified molded pattern |
| 1 | B | 9 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue hand painted floral @ |
| 1 | B | 9 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue hand painted |
| 1 | B | 9 | 15 | food related | ceramic | earthenware | whiteware | vessel | spall | blue transferprint |
| 1 | B | 9 | 2 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, floral |
| 1 | B | 9 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, "Chinese pattern" |
| 1 | B | 9 | 2 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue shell edge, scalloped and molded |
| 1 | B | 9 | 8 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue shell edge, shallowly molded with scalloped edge |
| 1 | B | 9 | 8 | food related | ceramic | earthenware | whiteware | vessel | fragment | undecorated |
| 1 | B | 9 | 1 | food related | glass | tinted | mold made | bottle | fragment | |
| 1 | B | 9 | 1 | food related | glass | olive green | mold made | bottle | fragment | |
| 1 | B | 9 | 1 | food related | glass | green | mold made | bottle | fragment | |

| Trench | Feature | Excavation Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|------------------|-----|------------------|---------|-------------|-----------|------------------|----------|--|
| 1 | B | 9 | 3 | food related | glass | colorless | | bottle | fragment | stained, possibly for condiments |
| 1 | B | 9 | 10 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1 | B | 9 | 12 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 9 | 1 | food remains | organic | shell | mussel | shell | fragment | |
| 1 | B | 9 | 1 | food remains | organic | | cherry | pit | complete | |
| 1 | B | 9 | 1 | food remains | organic | shell | scallop | shell | fragment | |
| 1 | B | 9 | 1 | personal | organic | | bone | button | complete | single hole |
| 1 | B | 9 | 1 | personal | organic | leather | | shoe | fragment | large adult sole, front half |
| 1 | B | 9 | 1 | personal | organic | leather | | shoe | fragment | mid sole fragment |
| 1 | B | 9 | 1 | personal | organic | leather | | shoe | fragment | |
| 1 | B | 9 | 1 | unaffiliated | organic | wood | | leg | fragment | turned design for furniture |
| 1 | B | 9 | 1 | unaffiliated | organic | wood | | unidentified | fragment | worked |
| 1 | B | 9 | 2 | unaffiliated | other | | | slag | fragment | |
| 1 | B | 10 | 2 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | 10 | 1 | architectural | clay | | | brick | fragment | |
| 1 | B | 10 | 4 | architectural | metal | iron | cut | nail | fragment | |
| 1 | B | 10 | 2 | architectural | other | | | mortar/plaster | fragment | |
| 1 | B | 10 | 1 | food related | ceramic | earthenware | redware | vessel | fragment | slip decorated, glazed int, pie crust rim |
| 1 | B | 10 | 1 | food related | ceramic | earthenware | redware | vessel | fragment | clear glaze ext |
| 1 | B | 10 | 1 | food related | ceramic | earthenware | redware | vessel | fragment | black glaze int/ext |
| 1 | B | 10 | 2 | food related | ceramic | stoneware | gray body | vessel | fragment | brown salt glaze ext |
| 1 | B | 10 | 1 | food related | ceramic | earthenware | mochaware | vessel | fragment | annular with engine turned incising green, brown, light brown |
| 1 | B | 10 | 2 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue hand painted |
| 1 | B | 10 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, floral, scalloped rim |
| 1 | B | 10 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, floral rim |
| 1 | B | 10 | 2 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint |
| 1 | B | 10 | 1 | food related | ceramic | earthenware | whiteware | ladle/gravy boat | fragment | blue transferprint scene ext, floral int |
| 1 | B | 10 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | brown transferprint scene |
| 1 | B | 10 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | unidentified molded pattern |
| 1 | B | 10 | 1 | food related | ceramic | earthenware | whiteware | handle | fragment | possibly for pitcher, molded attachment - leaf design |
| 1 | B | 10 | 6 | food related | ceramic | earthenware | whiteware | vessel | fragment | undecorated |
| 1 | B | 10 | 1 | food related | ceramic | earthenware | whiteware | plate | fragment | blue shell edge, scalloped and molded |
| 1 | B | 10 | 2 | food related | ceramic | earthenware | whiteware | plate | fragment | blue shell edge, shallowly molded with scalloped edge |

| Trench | Feature | Excavation Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|------------------|-----|------------------|---------|-------------|--------------|----------------|----------|--|
| 1 | B | 10 | 1 | food related | glass | colorless | mold made | bottle | fragment | |
| 1 | B | 10 | 1 | food related | glass | olive green | mold made | bottle | fragment | |
| 1 | B | 10 | 1 | food related | glass | lime green | unidentified | bottle | fragment | |
| 1 | B | 10 | 4 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 10 | 2 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1 | B | 10 | 2 | food remains | organic | shell | unidentified | shell | fragment | |
| 1 | B | 10 | 2 | food remains | organic | shell | mussel | shell | fragment | |
| 1 | B | 10 | 1 | personal | ceramic | earthenware | whiteware | chamberpot | fragment | |
| 1 | B | 10 | 1 | personal | glass | colorless | mold made | bottle | fragment | medicine |
| 1 | B | 10 | 1 | personal | organic | leather | | shoe | fragment | |
| 1 | B | 10 | 1 | unaffiliated | organic | wood | | wood | fragment | worked |
| 1 | B | 10 | 1 | unaffiliated | organic | wood | | cover | fragment | table top, seat top, barrel lid - with peg holes |
| 1 | B | 11 | 1 | architectural | other | | | mortar/plaster | fragment | |
| 1 | B | 11 | 3 | architectural | metal | iron | cut | nail | complete | |
| 1 | B | 11 | 1 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | 11 | 1 | food related | ceramic | earthenware | mochaware | vessel | fragment | blue, brown , white, on light brown |
| 1 | B | 11 | 4 | food related | ceramic | earthenware | whiteware | vessel | fragment | undecorated |
| 1 | B | 11 | 2 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint |
| 1 | B | 11 | 1 | food related | ceramic | earthenware | redware | vessel | fragment | clear glaze int/ext |
| 1 | B | 11 | 1 | food related | glass | light green | mold made | bottle | fragment | from square bottle |
| 1 | B | 11 | 5 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 11 | 6 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1 | B | 11 | 1 | food remains | organic | shell | mussel | shell | fragment | |
| 1 | B | 11 | 1 | food remains | organic | shell | unidentified | shell | fragment | |
| 1 | B | 11 | 3 | personal | organic | leather | | shoe | fragment | from the upper part of a shoe |
| 1 | B | 11 | 3 | personal | organic | leather | | shoe | fragment | |
| 1 | B | 11 | 1 | personal | organic | leather | | shoe | fragment | sole from child's shoe |
| 1 | B | 11 | 1 | personal | clay | kaolin | smoking pipe | bowl | fragment | unused |
| 1 | B | 11 | 1 | personal | clay | kaolin | smoking pipe | bowl | fragment | fluted design, used |
| 1 | B | 11 | 2 | unaffiliated | organic | wood | | wood | fragment | possible veneer |
| 1 | B | 11 | 1 | unaffiliated | organic | wood | | wood | fragment | cut |
| 1 | B | 11 | 3 | unaffiliated | organic | wood | | charcoal | fragment | |
| 1 | B | 12 | 2 | architectural | other | | | mortar/plaster | fragment | |

| Trench | Feature | Excavation Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|------------------|-----|------------------|---------|-------------|------------|---------------|----------|---|
| 1 | B | 12 | 1 | architectural | metal | iron | cut | nail | complete | |
| 1 | B | 12 | 1 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | 12 | 1 | food related | ceramic | earthenware | redware | vessel | fragment | no glaze |
| 1 | B | 12 | 8 | food related | ceramic | earthenware | whiteware | vessel | fragment | |
| 1 | B | 12 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, floral, scalloped rim |
| 1 | B | 12 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, floral |
| 1 | B | 12 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | brown transferprint |
| 1 | B | 12 | 1 | food related | ceramic | earthenware | mochaware | vessel | fragment | black, brown, white |
| 1 | B | 12 | 5 | food remains | organic | | peach | pit | fragment | |
| 1 | B | 12 | 4 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 12 | 11 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1 | B | 12 | 1 | unaffiliated | organic | wood | | wood | fragment | cut |
| 1 | B | 12 | 1 | unaffiliated | organic | wood | | charcoal | fragment | |
| 1 | B | 12 | 1 | unaffiliated | metal | iron | | wire | fragment | |
| 1 | B | 12 | 1 | unaffiliated | other | | | slag | fragment | |
| 1 | B | 13 | 1 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | 13 | 1 | architectural | metal | iron | cut | nail | fragment | |
| 1 | B | 13 | 1 | architectural | metal | iron | | spike | fragment | |
| 1 | B | 13 | 1 | food related | ceramic | porcelain | hard paste | vessel | spall | undecorated |
| 1 | B | 13 | 1 | food related | ceramic | earthenware | rockingham | vessel | fragment | |
| 1 | B | 13 | 1 | food related | ceramic | earthenware | whiteware | vessel | spall | blue transferprint |
| 1 | B | 13 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | with traces of brown handpainted line |
| 1 | B | 13 | 4 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 13 | 3 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1 | B | 13 | 1 | personal | organic | leather | | shoe | fragment | |
| 1 | B | 13 | 1 | unaffiliated | other | | anthracite | coal | fragment | |
| 1 | B | 13 | 1 | unaffiliated | other | | | furnace scale | fragment | |
| 1 | B | 14 | 1 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | 14 | 1 | architectural | other | stone | granite | cornice | fragment | or decorative building feature |
| 1 | B | 14 | 1 | food related | ceramic | earthenware | mochaware | vessel | fragment | with dendritic pattern |
| 1 | B | 14 | 1 | food related | ceramic | earthenware | redware | vessel | fragment | unglazed |
| 1 | B | 14 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, scene |
| 1 | B | 14 | 1 | food related | ceramic | earthenware | whiteware | vessel | spall | blue transferprint |
| 1 | B | 14 | 1 | food related | ceramic | earthenware | whiteware | vessel | spall | blue hand painted |
| 1 | B | 14 | 1 | food related | glass | olive green | mold made | bottle | fragment | |
| 1 | B | 14 | 1 | food related | glass | green | | bottle | fragment | |
| 1 | B | 14 | 5 | personal | organic | leather | | unidentified | fragment | possibly used for shoes or repairs |
| 1 | B | 14 | 1 | unaffiliated | organic | wood | | wood | fragment | worked |

| Trench | Feature | Excavation Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|------------------|-----|------------------|-------------|--------------|---------------|-----------------|----------|---|
| 1 | B | 14 | 17 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 14 | 1 | unaffiliated | ceramic | stoneware | | unidentified | fragment | possible pipe or cap fragment |
| 1 | B | 15 | 3 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | 15 | 1 | food related | ceramic | earthenware | redware | vessel | fragment | clear glaze int/ext |
| 1 | B | 15 | 1 | food related | ceramic | earthenware | redware | vessel | fragment | brown glaze int., thick crock or milk pan |
| 1 | B | 15 | 1 | food related | ceramic | earthenware | cream-colored | vessel | fragment | probable cup fragment |
| 1 | B | 15 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | |
| 1 | B | 15 | 1 | food related | ceramic | earthenware | whiteware | cup | fragment | blue transferprint, floral rim |
| 1 | B | 15 | 1 | food related | ceramic | earthenware | whiteware | cup | fragment | black transferprint, possible decorative scene |
| 1 | B | 15 | 2 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 15 | 3 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1 | B | 15 | 2 | food remains | organic | shell | unidentified | shell | fragment | |
| 1 | B | 15 | 1 | personal | organic/met | leather/iron | | shoe | fragment | probable woman's slipper, hand sewn with front toe cap, nail fragments in outsole |
| 1 | B | 15 | 1 | personal | ceramic | earthenware | redware | flower pot | fragment | |
| 1 | B | 15 | 1 | personal | ceramic | porcelain | bisque | figurine/vessel | fragment | mint green wash with decorative raised design and traces of gold gilt |
| 1 | B | 15 | 1 | unaffiliated | organic | wood | | unidentified | fragment | cut into triangle shape |
| 1 | B | 16 | 1 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | 16 | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | undecorated |
| 1 | B | 16 | 1 | food related | ceramic | earthenware | buff body | vessel | handle | |
| 1 | B | 16 | 1 | food related | ceramic | earthenware | whiteware | cup | fragment | black transferprint, floral and decorative scene int/ext base with foot ring |
| 1 | B | 16 | 11 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 16 | 2 | unaffiliated | organic | wood | cut | unidentified | fragment | possible shaped strips |
| 1 | B | 17 | 1 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | 17 | 1 | food related | glass | olive green | mold made | bottle | fragment | portion of neck to lip |
| 1 | B | 17 | 13 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | 17 | 1 | personal | organic | leather | | shoe | fragment | part of sole |
| 1 | B | 17 | 1 | unaffiliated | organic | wood | | wood | fragment | not worked |
| 1 | B | Base | 2 | food related | ceramic | earthenware | redware | pitcher | fragment | base to body with portion of lip, black glaze |

| Trench | Feature | Excavation Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|---------------------|-----|------------------|---------|-------------|----------------|--------------|----------|---|
| 1 | B | Base | 1 | food related | ceramic | earthenware | pearlware | bowl | fragment | base, with trace of blue engine turned decoration |
| 1 | B | final hand clean-up | 1 | architectural | clay | | | brick | fragment | |
| 1 | B | final hand clean-up | 4 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | final hand clean-up | 2 | architectural | metal | iron | unidentified | nail | fragment | |
| 1 | B | final hand clean-up | 2 | architectural | other | | | plaster | fragment | |
| 1 | B | final hand clean-up | 3 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint scene design |
| 1 | B | final hand clean-up | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | unidentified blue decoration |
| 1 | B | final hand clean-up | 4 | food related | ceramic | earthenware | whiteware | vessel | fragment | undecorated |
| 1 | B | final hand clean-up | 1 | food related | ceramic | pale green | unidentified | vessel | spall | |
| 1 | B | final hand clean-up | 1 | food related | ceramic | porcelain | Chinese export | saucer | fragment | blue underglaze |
| 1 | B | final hand clean-up | 3 | food related | glass | colorless | unidentified | bone | fragment | |
| 1 | B | final hand clean-up | 2 | food related | organic | shell | clam | shell | fragment | hard shell |
| 1 | B | final hand clean-up | 2 | food related | organic | | plum | pit | complete | |
| 1 | B | final hand clean-up | 1 | food related | organic | | cherry | pit | complete | |
| 1 | B | final hand clean-up | 1 | food related | organic | | unidentified | bean | complete | |
| 1 | B | final hand clean-up | 1 | food related | organic | | peanut | shell | fragment | |
| 1 | B | final hand clean-up | 5 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | final hand clean-up | 3 | lighting | glass | colorless | | lamp chimney | fragment | |
| 1 | B | final hand clean-up | 1 | personal | organic | leather | | shoe | fragment | portion of the insole |
| 1 | B | final hand clean-up | 1 | personal | organic | | tortoise shell | comb | fragment | tooth of large hair comb |
| 1 | B | final hand clean-up | 1 | unaffiliated | clay | | utility | pipe | fragment | |

| Trench | Feature | Excavation Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|---------------------|-----|------------------|---------|-------------|--------------|--------------|----------|---|
| 1 | B | final hand clean-up | 2 | unaffiliated | metal | iron | | unidentified | fragment | very corroded |
| 1 | B | final hand clean-up | 3 | unaffiliated | organic | wood | | wood | fragment | worked |
| 1 | B | final hand clean-up | 1 | unaffiliated | other | | | slag | fragment | |
| 1 | B | 1, N wall sample | 2 | architectural | metal | iron | cut | nail | fragment | |
| 1 | B | 1, N wall sample | 2 | architectural | metal | iron | | unidentified | fragment | possibly nails |
| 1 | B | 1, N wall sample | 1 | food remains | organic | shell | clam | shell | fragment | |
| 1 | B | 2, N wall sample | 2 | unaffiliated | metal | iron | unidentified | unidentified | fragment | possible spikes |
| 1 | B | 3, N wall sample | 2 | architectural | glass | colorless | flat | window | fragment | |
| 1 | B | 3, N wall sample | 3 | architectural | metal | iron | cut | nail | fragment | |
| 1 | B | 3, N wall sample | 1 | personal | organic | leather | | shoe | fragment | sole of heel |
| 1 | B | 3, N wall sample | 1 | personal | organic | wood | | shoe | fragment | heel |
| 1 | B | 3, N wall sample | 2 | food remains | organic | shell | peanut | shell | fragment | half shell |
| 1 | B | 3, N wall sample | 1 | food remains | organic | | cherry | pit | complete | |
| 1 | B | 4, N wall sample | 1 | architectural | metal | iron | cut | nail | fragment | |
| 1 | B | 4, N wall sample | 1 | food related | ceramic | earthenware | mochaware | vessel | fragment | rim, brown annular decoration on blue, with molded green hatching and beaded decoration on edge |
| 1 | B | 4, N wall sample | 1 | food remains | organic | shell | clam | shell | fragment | |
| 1 | B | 4, N wall sample | 10 | food remains | organic | | cherry | pit | complete | |
| 1 | B | 4, N wall sample | 1 | food remains | organic | | cherry | pit | fragment | |
| 1 | B | 4, N wall sample | 1 | food remains | organic | | unidentified | seed | complete | possibly apple |
| 1 | B | 4, N wall sample | 3 | food remains | organic | | melon | seed | complete | |
| 1 | B | 4, N wall sample | 2 | food remains | organic | shell | peanut | shell | fragment | |
| 1 | B | 4, N wall sample | 1 | food remains | organic | shell | walnut | shell | fragment | |
| 1 | B | 4, N wall sample | 1 | personal | organic | leather | | shoe | complete | black, slip-on |
| 1 | B | 4, N wall sample | 1 | personal | other | | | fabric | fragment | thin strip, black |
| 1 | B | 4, N wall sample | 1 | unaffiliated | organic | leather | | unidentified | fragment | cut leather strip |
| 1 | B | adjacent to F. B | 1 | food related | ceramic | earthenware | redware | vessel | fragment | brown glaze int/ext |
| 1 | B | adjacent to F. B | 1 | food related | ceramic | earthenware | mochaware | vessel | fragment | brown and blue/gray annular |
| 1 | B | adjacent to F. B | 1 | food related | ceramic | earthenware | mochaware | vessel | fragment | brown, green, light brown, annular with trace of dendritic design |
| 1 | B | adjacent to F. B | 1 | food related | ceramic | earthenware | whiteware | cup | fragment | handpainted green leaf with brown line at rim |
| 1 | B | adjacent to F. B | 1 | food related | ceramic | earthenware | whiteware | pitcher | fragment | black transferprint wreath around letters "LAT" "IT" "SH" |
| 1 | B | adjacent to F. B | 3 | food related | ceramic | earthenware | whiteware | plate | fragment | black transferprint floral and fruit design |

| Trench | Feature | Excavation Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|-----------|-----------------------------|-----|------------------|---------|-------------|----------------|--------|----------|--|
| 1 | B | adjacent to F. B | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | black transferprint, floral design, molded and scalloped rim |
| 1 | B | adjacent to F. B | 1 | food related | ceramic | earthenware | pearlware | teacup | fragment | blue transferprint int/ext and brown line on rim |
| 1 | B | adjacent to F. B | 3 | food related | ceramic | earthenware | whiteware | cup | fragment | blue transferprint scene base with foot ring |
| 1 | B | adjacent to F. B | 1 | food related | ceramic | earthenware | whiteware | cup | fragment | blue transferprint scene with shepherd and lamb |
| 1 | B | adjacent to F. B | 1 | food related | ceramic | earthenware | whiteware | plate | fragment | blue transferprint "chinese" design |
| 1 | B | adjacent to F. B | 3 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint floral design |
| 1 | B | adjacent to F. B | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | molded blue shell edge |
| 1 | B | adjacent to F. B | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | molded feather pattern with green at edge |
| 1 | B | adjacent to F. B | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | possibly molded |
| 1 | B | adjacent to F. B | 2 | food related | ceramic | porcelain | Chinese export | vessel | fragment | blue handpainted |
| 1 | B | adjacent to F. B | 1 | food remains | organic | shell | oyster | shell | fragment | |
| 1 | B | adjacent to F. B | 1 | personal | ceramic | kaolin | smoking pipe | bowl | fragment | raised ribs with heel |
| 1 | B | adjacent to F. B | 1 | personal | clay | kaolin | smoking pipe | stem | fragment | molded design with "PETER DORNI" ca. 1835? |
| 1 | B | adjacent to F. B | 2 | unaffiliated | ceramic | earthenware | unidentified | vessel | fragment | molded blue body and glaze, floral pattern |
| 1 | in/around | E side cleanup before excav | 1 | food related | ceramic | earthenware | redware | vessel | fragment | body, clear glaze w/ dark brown glaze |
| 1 | in/around | E side cleanup before excav | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | ironstone, rim |
| 1 | in/around | E side cleanup before excav | 1 | food related | ceramic | earthenware | yellowware | bowl | fragment | rim, thin blue and wide white stripes |

Catalog of Recovered Artifacts

Feature B, hand-excavated

| Trench/ Test Unit | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|----------------------|---------|----------------|-----|---------------------|---------|-------------|--------------|------------|----------|---|
| 1/1 | B | 1 (trunc.top) | 3 | architectural | glass | colorless | flat | window | fragment | |
| 1/1 | B | 1 (trunc.top) | 1 | food related | ceramic | earthenware | pearlware | bowl | fragment | blue shell edge from base to rim |
| 1/1 | B | 1 (trunc.top) | 1 | food related | ceramic | earthenware | whiteware | cup | fragment | brown transferprint floral design @ |
| 1/1 | B | 1 (trunc.top) | 1 | food related | glass | colorless | unidentified | bottle | fragment | shoulder, neck with a down tooled lip |
| 1/1 | B | 1 (trunc.top) | 2 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1/1 | B | 1 (trunc.top) | 1 | food remains | organic | shell | whelk | shell | fragment | |
| 1/1 | B | 1 (trunc.top) | 3 | personal | ceramic | earthenware | redware | chamberpot | fragment | black glaze int/ext |
| 1/1 | B | 1 (trunc.top) | 5 | personal | ceramic | earthenware | whiteware | chamberpot | fragment | |
| 1/1 | B | 1 (trunc.top) | 1 | personal | organic | leather | | shoe | fragment | part of the outsole and insole of adult shoe |
| 1/1 | B | 1 (trunc.top) | 1 | unaffiliated | organic | wood | | wood | fragment | carved into a circle with a hole in the center |
| 1/1 | B | 1 (trunc.top) | 1 | unaffiliated | organic | wood | | wood | fragment | carved, with incised letters "P F" |
| 1/1 | B | 1 (0-20), east | 24 | architectural | glass | tinted | flat | window | fragment | |
| 1/1 | B | 1 (0-20), east | 1 | architectural | metal | iron | unidentified | nail | fragment | |
| 1/1 | B | 1 (0-20), east | 1 | architectural | other | | | mortar | fragment | |
| 1/1 | B | 1 (0-20), east | 1 | food related | ceramic | earthenware | mochaware | bowl | fragment | annular engine turned design, green at edge, marble pattern |
| 1/1 | B | 1 (0-20), east | 1 | food related | ceramic | earthenware | pearlware | platter | fragment | flat molded blue shell edge |
| 1/1 | B | 1 (0-20), east | 2 | food related | ceramic | earthenware | pearlware | vessel | fragment | molded wavy blue shell edge |
| 1/1 | B | 1 (0-20), east | 1 | food related | ceramic | earthenware | pearlware | vessel | fragment | traces of handpainted blue decoration |
| 1/1 | B | 1 (0-20), east | 1 | food related | ceramic | earthenware | redware | vessel | fragment | clear glaze int/ext |
| 1/1 | B | 1 (0-20), east | 1 | food related | ceramic | earthenware | redware | vessel | fragment | clear glaze exterior with dark brown spot |
| 1/1 | B | 1 (0-20), east | 1 | food related | ceramic | earthenware | redware | vessel | fragment | no glaze |
| 1/1 | B | 1 (0-20), east | 1 | food related | ceramic | earthenware | whiteware | cup | fragment | blue transferprint scene with eagle |
| 1/1 | B | 1 (0-20), east | 5 | food related | ceramic | earthenware | whiteware | vessel | spall | traces of blue transferprint |
| 1/1 | B | 1 (0-20), east | 5 | food related | ceramic | earthenware | whiteware | vessel | fragment | undecorated |
| 1/1 | B | 1 (0-20), east | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | brown transferprint floral decoration |
| 1/1 | B | 1 (0-20), east | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | black line edge decoration |
| 1/1 | B | 1 (0-20), east | 1 | food related | ceramic | porcelain | soft paste | vessel | fragment | red/brown line at rim with gold gilt |
| 1/1 | B | 1 (0-20), east | 3 | food related | glass | colorless | unidentified | bottle | fragment | |
| 1/1 | B | 1 (0-20), east | 1 | food related | glass | colorless | | bottle | fragment | paneled |
| 1/1 | B | 1 (0-20), east | 1 | food related | glass | green | molded | bottle | fragment | possible case bottle |
| 1/1 | B | 1 (0-20), east | 8 | food related | glass | light amber | molded | bottle | fragment | very thin |
| 1/1 | B | 1 (0-20), east | 1 | food related | organic | | | cork | fragment | |

Catalog of Recovered Artifacts

Feature B, hand-excavated

| Trench/ Test Unit | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|----------------------|---------|----------------|-----|---------------------|---------|--------------|--------------|--------------|----------|--|
| 1/1 | B | 1 (0-20), east | 14 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1/1 | B | 1 (0-20), east | 2 | food remains | organic | shell | clam | shell | fragment | soft shell |
| 1/1 | B | 1 (0-20), east | 5 | food remains | organic | shell | oyster | shell | fragment | |
| 1/1 | B | 1 (0-20), east | 47 | food remains | organic | | cherry | pit | fragment | |
| 1/1 | B | 1 (0-20), east | 1 | food remains | organic | | peach | pit | fragment | |
| 1/1 | B | 1 (0-20), east | | food remains | organic | | seed | watermelon | complete | |
| 1/1 | B | 1 (0-20), east | 2 | food remains | organic | | unidentified | nut | fragment | |
| 1/1 | B | 1 (0-20), east | 1 | food remains | organic | | unidentified | seed | fragment | |
| 1/1 | B | 1 (0-20), east | 1 | food remains | organic | | | chestnut | fragment | |
| 1/1 | B | 1 (0-20), east | 1 | food remains | organic | | | cocanut | fragment | cut end |
| 1/1 | B | 1 (0-20), east | 1 | food remains | organic | | | pit | complete | possible plum |
| 1/1 | B | 1 (0-20), east | 6 | personal | ceramic | earthenware | whiteware | chamberpot | fragment | impressed "5" on base fragment |
| 1/1 | B | 1 (0-20), east | 1 | personal | clay | kaolin | smoking pipe | bowl | fragment | ribbed with thistle and rose |
| 1/1 | B | 1 (0-20), east | 2 | personal | clay | kaolin | smoking pipe | stem | fragment | |
| 1/1 | B | 1 (0-20), east | 1 | personal | clay | | | marble | complete | decorated line around middle |
| 1/1 | B | 1 (0-20), east | 1 | personal | metal | copper alloy | clothing | hook | complete | |
| 1/1 | B | 1 (0-20), east | 1 | personal | metal | copper alloy | | thimble | complete | stippled |
| 1/1 | B | 1 (0-20), east | 1 | personal | organic | | bone | button | complete | single hole |
| 1/1 | B | 1 (0-20), east | 1 | personal | organic | | bone | button | complete | carved recessed face, five holes |
| 1/1 | B | 1 (0-20), east | 1 | personal | organic | | bone | handle | fragment | from utensil |
| 1/1 | B | 1 (0-20), east | 1 | personal | organic | | wood | button | complete | conical, with missing shank |
| 1/1 | B | 1 (0-20), east | 1 | unaffiliated | ceramic | porcelain | soft paste | unidentified | fragment | possible molded container or figurine |
| 1/1 | B | 1 (0-20), east | 1 | unaffiliated | glass | colorless | flat | unidentified | fragment | frosted with raised red glass decoration |
| 1/1 | B | 1 (0-20), east | 1 | unaffiliated | metal | white metal | | unidentified | fragment | thin, possible decorative leaf mount fragment for furniture |
| 1/1 | B | 1 (0-20), east | 2 | unaffiliated | organic | leather | | unidentified | fragment | |
| 1/1 | B | 1 (0-20), east | 1 | unaffiliated | organic | marine | snail | shell | fragment | |
| 1/1 | B | 1 (0-20), east | 1 | unaffiliated | organic | wood | | wood | fragment | burned |
| 1/1 | B | 1 (0-20), east | 4 | unaffiliated | organic | wood | | wood | fragment | worked |
| 1/1 | B | 1 (0-20), east | 1 | unaffiliated | other | | anthracite | coal | fragment | |
| 1/2 | B | 1 (0-20), west | 4 | architectural | glass | tinted | flat | window | fragment | |
| 1/2 | B | 1 (0-20), west | 2 | architectural | metal | iron | cut | nail | fragment | |
| 1/2 | B | 1 (0-20), west | 1 | architectural | stone | | slate | shingle | fragment | |
| 1/2 | B | 1 (0-20), west | 1 | food related | ceramic | earthenware | redware | vessel | fragment | slip decorated glazed int |
| 1/2 | B | 1 (0-20), west | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | black transferprint floral design |

Catalog of Recovered Artifacts

Feature B, hand-excavated

| Trench/ Test Unit | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|----------------------|---------|------------------|-----|---------------------|---------|-------------|-------------------|--------------|----------|--|
| 1/2 | B | 1 (0-20), west | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint unidentified design |
| 1/2 | B | 1 (0-20), west | 3 | food related | ceramic | earthenware | whiteware | vessel | fragment | |
| 1/2 | B | 1 (0-20), west | 2 | food related | ceramic | porcelain | Chinese export | vessel | fragment | unidentified blue decoration |
| 1/2 | B | 1 (0-20), west | 2 | food related | ceramic | porcelain | hard paste | vessel | fragment | traces of overglaze decoration |
| 1/2 | B | 1 (0-20), west | 1 | food related | glass | colorless | | bottle | fragment | embossed letter "B" |
| 1/2 | B | 1 (0-20), west | 1 | food related | glass | colorless | | bottle | fragment | stained, thin |
| 1/2 | B | 1 (0-20), west | 2 | food related | glass | olive green | | bottle | fragment | |
| 1/2 | B | 1 (0-20), west | 1 | food related | glass | pale green | case | bottle | fragment | |
| 1/2 | B | 1 (0-20), west | 1 | food related | glass | tinted pink | | vessel | fragment | pressed glass |
| 1/2 | B | 1 (0-20), west | 3 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1/2 | B | 1 (0-20), west | 6 | food remains | organic | shell | oyster | shell | fragment | |
| 1/2 | B | 1 (0-20), west | 1 | food remains | organic | shell | scallop | shell | fragment | |
| 1/2 | B | 1 (0-20), west | 1 | food remains | organic | | cherry | pit | complete | |
| 1/2 | B | 1 (0-20), west | 1 | food remains | organic | | cherry | pit | complete | |
| 1/2 | B | 1 (0-20), west | 1 | unaffiliated | organic | marine | snail | shell | fragment | |
| 1/2 | B | 1 (0-20), west | 3 | unaffiliated | organic | wood | | wood | fragment | worked |
| 1/2 | B | 1 (0-20), west | 1 | unaffiliated | other | | anthracite | coal | fragment | |
| 1/1 | B | 1/2 (0-40), east | 2 | food related | ceramic | earthenware | pearlware | cup | fragment | handpainted blue pattern |
| 1/1 | B | 1/2 (0-40), east | 1 | food related | ceramic | earthenware | pearlware | vessel | fragment | handpainted blue pattern |
| 1/1 | B | 1/2 (0-40), east | 1 | food related | ceramic | earthenware | pearlware | vessel | fragment | undecorated |
| 1/1 | B | 1/2 (0-40), east | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint floral design |
| 1/1 | B | 1/2 (0-40), east | 18 | personal | ceramic | earthenware | whiteware | chamberpot | fragment | |
| 1/1 | B | 1/2 (0-40), east | 3 | personal | ceramic | earthenware | redware | chamberpot | fragment | black glazed int/ext |
| 1/1 | B | 1/2 (0-40), east | 1 | personal | clay | kaolin | smoking pipe | bowl | fragment | ribbed with thistle and rose, used |
| 1/1 | B | 1/2 (0-40), east | 7 | architectural | glass | colorless | flat | window | fragment | |
| 1/1 | B | 1/2 (0-40), east | 1 | food related | glass | colorless | | bottle | fragment | paneled embossed "YORK" |
| 1/1 | B | 1/2 (0-40), east | 3 | food related | glass | colorless | | bottle | fragment | |
| 1/1 | B | 1/2 (0-40), east | 3 | food related | glass | amber | | bottle | fragment | |
| 1/1 | B | 1/2 (0-40), east | 1 | food related | glass | colorless | | bottle | fragment | very small and thin, possibly medicine or perfume |
| 1/1 | B | 1/2 (0-40), east | 1 | architectural | metal | iron | unidentified | nail | fragment | |
| 1/1 | B | 1/2 (0-40), east | 1 | unaffiliated | metal | iron alloy | sheet | unidentified | fragment | |
| 1/1 | B | 1/2 (0-40), east | 63 | food remains | organic | | cherry | pit | complete | |
| 1/1 | B | 1/2 (0-40), east | 8 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1/1 | B | 1/2 (0-40), east | 1 | food remains | organic | shell | oyster | shell | fragment | |
| 1/1 | B | 1/2 (0-40), east | 2 | food remains | organic | shell | unidentified | shell | fragment | |
| 1/1 | B | 1/2 (0-40), east | 1 | food remains | organic | | melon | seed | complete | |

Catalog of Recovered Artifacts

Feature B, hand-excavated

| Trench/ Test Unit | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|----------------------|---------|------------------|-----|---------------------|------------|-------------|---------------|------------|----------|---|
| 1/1 | B | 1/2 (0-40), east | 1 | personal | organic | leather | | shoe | fragment | sole of adult shoe |
| 1/1 | B | 1/2 (0-40), east | 1 | personal | organic | leather | | shoe | fragment | heel cap |
| 1/1 | B | 1/2 (0-40), east | 1 | unaffiliated | organic | | unidentified | wood | fragment | |
| 1/1 | B | 1/2 (0-40), east | 2 | unaffiliated | other | | anthracite | coal | fragment | |
| 1/1 | B | 2 (20-40), east | 1 | personal | bone/metal | | | handle | fragment | carved cross hatch design with rivets to hold utensil |
| 1/1 | B | 2 (20-40), east | 3 | food related | ceramic | earthenware | cream colored | vessel | fragment | |
| 1/1 | B | 2 (20-40), east | 3 | food related | ceramic | earthenware | whiteware | vessel | fragment | undecorated |
| 1/1 | B | 2 (20-40), east | 1 | food related | ceramic | earthenware | mochaware | bowl | fragment | brown, cream, light brown marble decoration with annular design |
| 1/1 | B | 2 (20-40), east | 1 | food related | ceramic | earthenware | whiteware | vessel | spall | dark brown glaze with trace of gold gilt |
| 1/1 | B | 2 (20-40), east | 1 | architectural | clay | | | brick | fragment | |
| 1/1 | B | 2 (20-40), east | 40 | architectural | glass | colorless | flat | window | fragment | |
| 1/1 | B | 2 (20-40), east | 3 | architectural | metal | iron | unidentified | nail | fragment | |
| 1/1 | B | 2 (20-40), east | 1 | architectural | other | | | mortar | fragment | |
| 1/1 | B | 2 (20-40), east | 2 | food related | ceramic | earthenware | pearlware | cup | fragment | handpainted blue floral pattern on rim and base with foot ring |
| 1/1 | B | 2 (20-40), east | 2 | food related | ceramic | earthenware | pearlware | plate | fragment | blue shell edge with molded scalloped rim |
| 1/1 | B | 2 (20-40), east | 1 | food related | ceramic | earthenware | pearlware | plate | fragment | blue shell edge with molded feather and scalloped rim |
| 1/1 | B | 2 (20-40), east | 1 | food related | ceramic | earthenware | pearlware | vessel | fragment | handpainted blue floral pattern |
| 1/1 | B | 2 (20-40), east | 1 | food related | ceramic | earthenware | pearlware | vessel | fragment | very thin fragment with traces of handpainted blue design |
| 1/1 | B | 2 (20-40), east | 3 | food related | ceramic | earthenware | whiteware | cup | fragment | black transferprint floral design |
| 1/1 | B | 2 (20-40), east | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint floral design |
| 1/1 | B | 2 (20-40), east | 2 | food related | ceramic | porcelain | hard paste | bowl | fragment | Blue underglaze and gold gilt overglaze design |
| 1/1 | B | 2 (20-40), east | 1 | food related | ceramic | | unidentified | vessel | fragment | burned |
| 1/1 | B | 2 (20-40), east | 2 | food related | glass | amber | unidentified | bottle | fragment | |
| 1/1 | B | 2 (20-40), east | 1 | food related | glass | colorless | unidentified | bottle | fragment | |
| 1/1 | B | 2 (20-40), east | 1 | food related | glass | colorless | | wine glass | fragment | from base to part of body |
| 1/1 | B | 2 (20-40), east | 10 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1/1 | B | 2 (20-40), east | 1 | food remains | organic | shell | clam | shell | fragment | soft shell |
| 1/1 | B | 2 (20-40), east | 1 | food remains | organic | shell | oyster | shell | fragment | |
| 1/1 | B | 2 (20-40), east | 2 | food remains | organic | shell | peanut | shell | fragment | |
| 1/1 | B | 2 (20-40), east | 287 | food remains | organic | | cherry | pit | complete | |
| 1/1 | B | 2 (20-40), east | 1 | food remains | organic | | peach | pit | fragment | |

Catalog of Recovered Artifacts

Feature B, hand-excavated

| Trench/ Test Unit | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|----------------------|---------|-----------------|-----|---------------------|---------|-------------|--------------|----------------|----------|--|
| 1/1 | B | 2 (20-40), east | 3 | food remains | organic | | prune | pit | complete | |
| 1/1 | B | 2 (20-40), east | 1 | food remains | organic | | unidentified | nut | fragment | |
| 1/1 | B | 2 (20-40), east | 1 | food remains | organic | | unidentified | seed | fragment | |
| 1/1 | B | 2 (20-40), east | 1 | personal | ceramic | earthenware | redware | chamberpot | fragment | part of base and body, clear glaze int/ext with brown decorative spots |
| 1/1 | B | 2 (20-40), east | 45 | personal | ceramic | earthenware | whiteware | chamberpot | fragment | |
| 1/1 | B | 2 (20-40), east | 2 | personal | clay | kaolin | smoking pipe | stem | fragment | |
| 1/1 | B | 2 (20-40), east | 3 | unaffiliated | organic | marine | snail | shell | complete | |
| 1/1 | B | 2 (20-40), east | 1 | unaffiliated | organic | marine | unidentified | shell | half | |
| 1/1 | B | 2 (20-40), east | 10 | unaffiliated | organic | | unidentified | wood | fragment | most cut and/or shaped |
| 1/2 | B | 2 (20-40), west | 1 | architectural | other | | | mortar/plaster | fragment | |
| 1/2 | B | 2 (20-40), west | 1 | food related | ceramic | earthenware | whiteware | vessel | spall | traces of blue transferprint |
| 1/2 | B | 2 (20-40), west | 1 | food related | glass | colorless | molded | vessel | fragment | base of container/bottle |
| 1/2 | B | 2 (20-40), west | 1 | food remains | organic | shell | oyster | shell | fragment | |
| 1/2 | B | 2 (20-40), west | 1 | food remains | organic | shell | unidentified | shell | fragment | |
| 1/2 | B | 2 (20-40), west | 1 | unaffiliated | other | | | slag | fragment | |
| 1/1 | B | 3 (40-60), east | 1 | architectural | clay | | | brick | fragment | |
| 1/1 | B | 3 (40-60), east | 10 | architectural | glass | colorless | flat | window | fragment | |
| 1/1 | B | 3 (40-60), east | 8 | architectural | metal | iron | unidentified | nail | fragment | heavy concretions |
| 1/1 | B | 3 (40-60), east | 1 | food related | ceramic | earthenware | redware | vessel | fragment | clear glaze int/ext |
| 1/1 | B | 3 (40-60), east | 4 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint floral design |
| 1/1 | B | 3 (40-60), east | 4 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue handpainted |
| 1/1 | B | 3 (40-60), east | 1 | food related | ceramic | earthenware | mochaware | bowl | fragment | annular engine turned design, green at edge, marble pattern |
| 1/1 | B | 3 (40-60), east | 2 | food related | glass | colorless | | bottle | fragment | |
| 1/1 | B | 3 (40-60), east | 3 | food related | glass | colorless | | bottle | fragment | stained |
| 1/1 | B | 3 (40-60), east | 1 | food related | glass | colorless | | bottle | fragment | paneled embossed "YORK" |
| 1/1 | B | 3 (40-60), east | 4 | food remains | organic | shell | oyster | shell | fragment | |
| 1/1 | B | 3 (40-60), east | 5 | food remains | organic | shell | clam | shell | fragment | hard shell |
| 1/1 | B | 3 (40-60), east | 1 | food remains | organic | shell | clam | shell | fragment | soft shell |
| 1/1 | B | 3 (40-60), east | 17 | food remains | organic | | cherry | pit | complete | |
| 1/1 | B | 3 (40-60), east | 2 | food remains | organic | | peach | pit | fragment | |
| 1/1 | B | 3 (40-60), east | 2 | food remains | organic | | plum | pit | complete | |
| 1/1 | B | 3 (40-60), east | 1 | food remains | organic | | peanut | shell | fragment | |
| 1/1 | B | 3 (40-60), east | 1 | food remains | organic | bone | fish | bone | fragment | medium fish vertebra |
| 1/1 | B | 3 (40-60), east | 10 | personal | ceramic | earthenware | whiteware | chamberpot | fragment | |
| 1/1 | B | 3 (40-60), east | 3 | personal | ceramic | earthenware | redware | chamberpot | fragment | black glazed int/ext |

Catalog of Recovered Artifacts

Feature B, hand-excavated

| Trench/ Test Unit | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|----------------------|---------|-----------------|-----|---------------------|---------|-------------|--------------|--------------|----------|--|
| 1/1 | B | 3 (40-60), east | 1 | personal | glass | colorless | medicine | bottle | fragment | shoulder, neck and rim of small bottle |
| 1/1 | B | 3 (40-60), east | 1 | unaffiliated | ceramic | earthenware | gray body | vessel | fragment | thick, no glaze |
| 1/1 | B | 3 (40-60), east | 1 | unaffiliated | metal | iron | | unidentified | fragment | large staple or buckle fragment |
| 1/1 | B | 3 (40-60), east | 2 | unaffiliated | organic | wood | | wood | fragment | worked into shape of handle or leg |
| 1/1 | B | 3 (40-60), east | 4 | unaffiliated | organic | wood | | wood | fragment | worked |
| 1/1 | B | 3 (40-60), east | 3 | unaffiliated | organic | marine | unidentified | shell | fragment | non-food remains |
| 1/1 | B | 3 (40-60), east | 1 | unaffiliated | other | | anthracite | coal | fragment | |
| 1/1 | B | 3 (40-60), east | 4 | unaffiliated | | | | slag | fragment | |

| Trench | Feature | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|-------------------|-----|------------------|---------|-------------|--------------|--------------|----------|--|
| 2 | C | 1 | architectural | glass | tinted | flat | window | fragment | |
| 2 | C | 1 | food related | ceramic | earthenware | redware | handle | fragment | brown glaze |
| 2 | C | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, flower design |
| 2 | C | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | ironstone |
| 2 | C | 1 | food related | ceramic | earthenware | whiteware | vessel | fragment | brown glaze |
| 2 | C | 1 | food related | ceramic | porcelain | hard paste | vessel | fragment | rim, brown and green design, thin |
| 2 | C | 2 | food related | glass | olive | | bottle | fragment | 1 pc is base, moderate kick |
| 2 | C | 1 | food remains | organic | bone | mammal | bone | fragment | 1 rib, 2 pcs cut |
| 2 | C | 1 | food remains | organic | shell | oyster | shell | fragment | |
| 2 | C | 1 | personal | ceramic | porcelain | | button | complete | blue glaze, 4-hole @ |
| 2 | C | 1 | personal | ceramic | porcelain | | toy cup | fragment | |
| 2 | C | 1 | personal | clay | kaolin | smoking pipe | stem | fragment | |
| 2 | C | 1 | personal | clay | kaolin | smoking pipe | stem | fragment | double molded band w/ double row of leaves |
| 2 | C | 1 | personal | glass | white | | jewelry | fragment | oval with embossed head of lady, may have been set in earring or ring @ |
| 2 | C | 1 | personal | glass | | | marble | fragment | blue and clear, in v. poor condition |
| 2 | C | 1 | personal | metal | brass | | button | complete | looped shank, may have had cover originally |
| 2 | C | 1 | unaffiliated | organic | wood | | charcoal | fragment | |
| 2 | C-below flr, scr. | 4 | architectural | glass | tinted | flat | window | fragment | |
| 2 | C-below flr, scr. | 5 | food related | ceramic | earthenware | whiteware | bowl | fragment | ironstone w/ embossed flower and leaf design on rim, shallow, stamped "STONE CHINA/GEORGE JONES/STOKE-UPON-TRENT", shield w/ lion and unicorn, c. 1861-1873, partial impressed mark "STOK..."; mends |
| 2 | C-below flr, scr. | 3 | food related | ceramic | earthenware | whiteware | vessel | spall | |
| 2 | C-below flr, scr. | 1 | food related | glass | colorless | | bottle | fragment | |
| 2 | C-below flr, scr. | 2 | food related | glass | olive | | bottle | fragment | 1 is wine base |
| 2 | C-below flr, scr. | 1 | food remains | organic | bone | | mammal | fragment | small mammal |
| 2 | C-below flr, scr. | 1 | food remains | organic | shell | clam | shell | fragment | |
| 2 | C-below flr, scr. | 1 | food remains | organic | shell | oyster | shell | fragment | |
| 2 | C-below flr, scr. | 3 | personal | glass | | | marble | complete | pink, white, and light blue swirls; mends |
| 2 | C-below flr, scr. | 3 | unaffiliated | metal | iron | | unidentified | fragment | |
| 2 | C-below flr, scr. | 1 | unaffiliated | other | | anthracite | coal | fragment | |

| | | | | | | | | | | |
|---|---|---------------|---|--------------|---------|-------------|----------------|---------|----------|---|
| 2 | D | in and around | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | base, molded ridge ext. |
| 2 | D | in and around | 1 | Food related | ceramic | porcelain | Chinese export | vessel | fragment | rim, partial diamond design, brown line on rim edge |
| 2 | D | in and around | 1 | Food related | ceramic | stoneware | buff body | bowl | fragment | base, gray salt glaze ext |
| 2 | D | in and around | 1 | Food related | ceramic | stoneware | buff body | vessel | fragment | gray salt glaze ext |
| 2 | D | in and around | 1 | Food related | glass | olive green | mold made | bottle | fragment | base, medium kick |
| 2 | D | in and around | 3 | Food related | glass | olive green | | vessel | spall | |
| 2 | D | in and around | 1 | Food remains | organic | bone | mammal | scapula | fragment | |
| 2 | D | in and around | 7 | Food remains | organic | shell | oyster | shell | complete | some are very large |
| 2 | D | in and around | 5 | Food remains | organic | shell | oyster | shell | fragment | |
| 2 | D | in and around | 1 | Personal | clay | kaolin | smoking pipe | stem | fragment | molded decoration, leaves? |
| 2 | D | in and around | 1 | Unaffiliated | organic | wood | | unknown | fragment | |

| Trench | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|-------|-----|------------------|---------|-------------|--------------|------------|----------|---|
| 2 | E | 1 | 9 | Architectural | glass | colorless | flat | window | fragment | |
| 2 | E | 1 | 1 | Architectural | metal | iron | cut | nail | fragment | |
| 2 | E | 1 | 1 | Architectural | metal | iron | unidentified | nail | fragment | |
| 2 | E | 1 | 2 | Architectural | plaster | | | plaster | fragment | w/ traces of paint |
| 2 | E | 1 | 3 | Food related | ceramic | earthenware | mochaware | bowl | fragment | annular green and brown combed design w/ engine turned green ribbed rim design; mends |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | pearlware | bowl | fragment | hand painted polychrome design, blue and yellow, rim |
| 2 | E | 1 | 11 | Food related | ceramic | earthenware | pearlware | chamberpot | fragment | hand painted blue leaves, engine-turned green annular decoration, w/ eagle medallion w/ shield, wheat, olive branch, stars, handle has blue leaves; mends |
| 2 | E | 1 | 4 | Food related | ceramic | earthenware | pearlware | cup | fragment | child's cup, brown transfer print, fox design, "FOXES ARE MISCHIEVOUS"; mends |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | redware | bowl | fragment | rim, brown and black glaze int and ext |
| 2 | E | 1 | 8 | Food related | ceramic | earthenware | redware | chamberpot | fragment | dk brown glaze int and ext, mends |
| 2 | E | 1 | 6 | Food related | ceramic | earthenware | redware | chamberpot | fragment | brown and apple-green glaze int and ext, mends |
| 2 | E | 1 | 7 | Food related | ceramic | earthenware | redware | crock | fragment | interior dk brown glaze, mends |
| 2 | E | 1 | 2 | Food related | ceramic | earthenware | redware | handle | fragment | brown and apple-green glaze, belongs to chamberpot |
| 2 | E | 1 | 3 | Food related | ceramic | earthenware | redware | plate | fragment | slip-decorated, trailed, pie crust edge, mend |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | redware | platter | fragment | slip-decorated, trailed and dotted, pie crust edge, semi-rectangular |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | redware | vessel | fragment | slip-decorated, combed, pie crust edge |
| 2 | E | 1 | 2 | Food related | ceramic | earthenware | redware | vessel | fragment | clear/light brown glaze int and ext |
| 2 | E | 1 | 3 | Food related | ceramic | earthenware | whiteware | bowl | fragment | black transferware, floral pattern int and ext w/ diamond ribbon design |
| 2 | E | 1 | 3 | Food related | ceramic | earthenware | whiteware | bowl | fragment | blue transfer print, floral w/ birds int and ext, could be cup; mends |
| 2 | E | 1 | 3 | Food related | ceramic | earthenware | whiteware | bowl | fragment | blue transfer print, floral w/urn decoration int only, shallow bowl, impressed "...ED STAFFORDSH..." w/ partial crown; mends |
| 2 | E | 1 | 2 | Food related | ceramic | earthenware | whiteware | bowl | fragment | blue transfer print, scene w/ 2 people and architecture, base only; mends |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | bowl | fragment | blue transfer print, Chinese scene |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | bowl | fragment | hand painted blue design, part of leaf |

| Trench | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|-------|-----|------------------|---------|-------------|-----------|---------|----------|--|
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | bowl | fragment | large bowl |
| 2 | E | 1 | 5 | Food related | ceramic | earthenware | whiteware | cup | fragment | black transferware, floral pattern int and ext w/ diamond ribbon design, and someone at well in center, mends |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | cup | fragment | black transfer print, floral int and ext, edge decoration of wave and dots |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | cup | fragment | blue transfer print, water scene |
| 2 | E | 1 | 2 | Food related | ceramic | earthenware | whiteware | cup | fragment | brown transfer print, pastoral country scene w/ horse on lane, boats; mends |
| 2 | E | 1 | 2 | Food related | ceramic | earthenware | whiteware | cup | fragment | hand painted polychrome design, blue and green |
| 2 | E | 1 | 12 | Food related | ceramic | earthenware | whiteware | plate | fragment | ironstone, black transferware, floral/fruit/birds decoration, molded wavy rim w/ embossed dots, impressed w/ "10", painted "12", mends |
| 2 | E | 1 | 5 | Food related | ceramic | earthenware | whiteware | plate | fragment | ironstone, black transferware, floral, molded wavy rim, impressed with "...ARRENTED STAFFORDSHIRE..." in circle around crown, possibly Clews, 1818-1834, mends |
| 2 | E | 1 | 15 | Food related | ceramic | earthenware | whiteware | plate | fragment | blue transfer print, design is "Gracefield, Queens County, Ireland", by Adams, c. 1820, impressed w/ "...STAFFORDSHIRE..." and painted "6"; mends |
| 2 | E | 1 | 3 | Food related | ceramic | earthenware | whiteware | plate | fragment | blue transfer print, scalloped and beaded rim, floral pattern; mends |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | plate | fragment | purple transfer print, graniteware, floral design |
| 2 | E | 1 | 2 | Food related | ceramic | earthenware | whiteware | plate | fragment | rim, molded floral, scalloped edge decoration with blue |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | plate | fragment | ironstone rim, molded design, scalloped edge decoration with blue |
| 2 | E | 1 | 4 | Food related | ceramic | earthenware | whiteware | plate | fragment | ironstone rim, molded feather design, scalloped, with green on edge; mends |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | plate | fragment | |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | platter | fragment | large base fragment, impressed "WOOD", triangle, and "12" |
| 2 | E | 1 | 3 | Food related | ceramic | earthenware | whiteware | saucer | fragment | ironstone, black transferware, floral/fruit/birds decoration, base only, mends |

| Trench | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|-------|-----|------------------|---------|-------------|-----------|--------------|----------|--|
| 2 | E | 1 | 2 | Food related | ceramic | earthenware | whiteware | saucer | fragment | ironstone, black transferware, floral, molded wavy rim, same design as plate, possibly Clews, 1818-1834, mends |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | saucer | fragment | black transferware, floral pattern int w/ diamond ribbon design |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | saucer | fragment | black transfer print, floral int, edge decoration of wave and dots |
| 2 | E | 1 | 2 | Food related | ceramic | earthenware | whiteware | saucer | fragment | black transfer print, two bands, unknown interior design |
| 2 | E | 1 | 2 | Food related | ceramic | earthenware | whiteware | saucer | fragment | black transfer print, double band, small trace of unknown design on one piece, different base than above saucer |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | saucer | fragment | black transfer print, double band, poor quality transfer |
| 2 | E | 1 | 2 | Food related | ceramic | earthenware | whiteware | saucer | fragment | black transfer print, scene w/ architecture and person, base, impressed w/ "B" |
| 2 | E | 1 | 3 | Food related | ceramic | earthenware | whiteware | serving dish | fragment | molded beaded rim |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | teacup | fragment | black transfer print, pastoral w/ willow on ext, floral on int |
| 2 | E | 1 | 4 | Food related | ceramic | earthenware | whiteware | teacup | fragment | blue transfer print, floral and musical instrument design ext and int, man w/ instrument in center int, mends |
| 2 | E | 1 | 10 | Food related | ceramic | earthenware | whiteware | teacup | fragment | blue transfer print, floral design int and ext, scalloped rim, transfer marked "STONE CHINA" in flattened octagon border |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | black transfer print, floral with diamond ribbon design, similar to other diamond ribbon design, poor quality transfer |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | tiny fragment, trace of unknown black transfer print design |
| 2 | E | 1 | 4 | Food related | ceramic | earthenware | whiteware | vessel | fragment | blue transfer print, Chinese scene, molded rim |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | blue transfer print, Chinese scene, marked "St.../Ch..." on base |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | blue transfer print, pastoral scene w/ thatched cottage, spout of possible pitcher, molded |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | blue transfer print, floral design, probably rim of cup |

| Trench | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|-------|-----|------------------|---------|-------------|---------------|--------------|----------|---|
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | blue transfer print, floral design ext only, body, may be squarish, container vessel |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | teal transfer print, leaf design, graniteware or porcellaneous |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | ironstone rim, molded design, scalloped, with blue on edge |
| 2 | E | 1 | 11 | Food related | ceramic | earthenware | whiteware | vessel | fragment | base |
| 2 | E | 1 | 5 | Food related | ceramic | earthenware | whiteware | vessel | fragment | body |
| 2 | E | 1 | 6 | Food related | ceramic | earthenware | whiteware | vessel | fragment | rim |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | base, impressed "STEVENSON", possibly Andrew Stevenson, c. 1816-1830 |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | yellowware | vessel | fragment | has fragment of handle |
| 2 | E | 1 | 1 | Food related | ceramic | earthenware | yellowware | vessel | fragment | |
| 2 | E | 1 | 1 | Food related | ceramic | porcelain | soft-paste | unidentified | fragment | small sliver w/ black |
| 2 | E | 1 | 1 | Food related | ceramic | stoneware | gray body | vessel | fragment | large, probably crock or flowerpot, molded leaf design in green and light brown, with background of brown, int brown, rim |
| 2 | E | 1 | 1 | Food related | glass | amber | mold made | bottle | fragment | base, with molded rayed pattern, possibly decanter |
| 2 | E | 1 | 1 | Food related | glass | colorless | | bottle | fragment | base and body, pressed panels (fluted), embossed "DR" near base |
| 2 | E | 1 | 1 | Food related | glass | colorless | | tumbler | fragment | base, chamfered sides |
| 2 | E | 1 | 1 | Food related | glass | green | machine molde | bottle | fragment | base, probably wine, high kick |
| 2 | E | 1 | 3 | Food related | glass | green | machine molde | bottle | fragment | body |
| 2 | E | 1 | 1 | Food related | glass | green | machine molde | bottle | fragment | neck |
| 2 | E | 1 | 1 | Food related | glass | green tint | machine molde | bottle | fragment | body |
| 2 | E | 1 | 2 | Food related | glass | olive green | machine molde | bottle | fragment | base, probably wine, moderate kick |
| 2 | E | 1 | 4 | Food related | glass | olive green | machine molde | bottle | fragment | body |
| 2 | E | 1 | 1 | Food related | glass | olive green | machine molde | bottle | fragment | neck to lip, down-tooled lip w/ string rim |
| 2 | E | 1 | 1 | Food remains | organic | bone | bird | breast bone | fragment | chicken |
| 2 | E | 1 | 1 | Food remains | organic | bone | mammal | bone | fragment | cut, shoulder |
| 2 | E | 1 | 1 | Food remains | organic | bone | mammal | bone | fragment | cut, burned |
| 2 | E | 1 | 1 | Food remains | organic | bone | mammal | knuckle | complete | |
| 2 | E | 1 | 1 | Food remains | organic | bone | mammal | leg bone | fragment | cut, fused tibia and fibula |
| 2 | E | 1 | 1 | Food remains | organic | bone | mammal | leg bone | fragment | cut |
| 2 | E | 1 | 1 | Food remains | organic | bone | mammal | leg bone | fragment | cut, small-medium |
| 2 | E | 1 | 2 | Food remains | organic | bone | mammal | rib | fragment | cut, large |
| 2 | E | 1 | 4 | Food remains | organic | shell | oyster | shell | fragment | |
| 2 | E | 1 | 4 | Food remains | organic | | cherry | pit | complete | |
| 2 | E | 1 | 2 | Food remains | organic | | melon | seed | complete | |

| Trench | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|-------|-----|------------------|---------|------------------|---------------|----------------|----------|---|
| 2 | E | 1 | 1 | Food remains | organic | | peach | pit | complete | |
| 2 | E | 1 | 6 | Lighting | glass | colorless | pressed | lamp | fragment | diamond hobnailed pattern with molded lines, oil or kerosene lamp, mends |
| 2 | E | 1 | 1 | Lighting | glass | colorless | pressed | lamp | fragment | fluted |
| 2 | E | 1 | 2 | Lighting | glass | colorless | | lamp | fragment | globe chimney, base and top |
| 2 | E | 1 | 1 | Lighting | glass | colorless | | lamp | fragment | base of lighting fixture, round heavy base |
| 2 | E | 1 | 1 | Personal | clay | kaolin | smoking pipe | bowl | fragment | in style of 1800-1820, ribbed w/ row of dots, row of circle and lines, wheat on mold seam |
| 2 | E | 1 | 1 | Personal | glass | colorless | | bottle | complete | medicinal, flanged lip, rough pontil mark |
| 2 | E | 1 | 1 | Personal | glass | colorless | | bottle | fragment | small body fragment, possibly medicinal |
| 2 | E | 1 | 1 | Personal | glass | colorless | | bottle | fragment | medicinal, lip and neck; flanged lip |
| 2 | E | 1 | 2 | Personal | organic | leather | | shoe | fragment | |
| 2 | E | 1 | 1 | Unaffiliated | ceramic | stoneware | | utility pipe | fragment | |
| 2 | E | 1 | 1 | Unaffiliated | glass | amber tint | pressed | vessel | fragment | base and body, 4 square design on bottom, curved beveled sides, possibly lead glass, possibly salt cellar |
| 2 | E | 1 | 3 | Unaffiliated | glass | colorless | pressed | vessel | fragment | body, cross-hatched diamond w/ rays pattern, may be light fixture, mends |
| 2 | E | 1 | 1 | Unaffiliated | glass | light green tint | | unknown | fragment | thin wavy glass, may be melted |
| 2 | E | 1 | 1 | Unaffiliated | metal | brass alloy | sheet | plate | complete | decorative plate for furniture or box, embossed with phoenix, has nail holes on either side |
| 2 | E | 1 | 1 | Unaffiliated | metal | iron | | leg | fragment | stove leg? |
| 2 | E | 1 | 1 | Unaffiliated | organic | wood | | unknown | fragment | notched end |
| 2 | E | 1 | 1 | Unaffiliated | organic | wood | | unknown | fragment | has metal in one end, carved, either furniture leg or handle |
| 2 | E | 1 | 3 | Unaffiliated | organic | wood | | unknown | fragment | |
| 2 | E | 2 | 2 | Architectural | Other | | | mortar/plaster | fragment | |
| 2 | E | 2 | 4 | Architectural | glass | colorless | flat | window | fragment | |
| 2 | E | 2 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | |
| 2 | E | 2 | 1 | Food related | ceramic | earthenware | cream-colored | vessel | fragment | |
| 2 | E | 2 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | black transferprint, "Christ at Jacob's Well" pattern - mends with upper level fragments |
| 2 | E | 2 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | black transferprint, floral and diamond pattern rim |
| 2 | E | 2 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | black transferprint, floral pattern |

| Trench | Feature | Level | No. | Functional Group | Class | Material | Type | Object | Part | Description |
|--------|---------|-------|-----|------------------|---------|--------------|--------------|----------------|----------|--|
| 2 | E | 2 | 1 | Food related | ceramic | earthenware | pearlware | vessel | fragment | blue transferprint, floral pattern rim |
| 2 | E | 2 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, floral pattern |
| 2 | E | 2 | 1 | Food remains | organic | | peach | pit | fragment | |
| 2 | E | 2 | 1 | Food remains | organic | | peanut | shell | fragment | half |
| 2 | E | 2 | 5 | Food remains | organic | shell | oyster | shell | fragment | |
| 2 | E | 2 | 1 | Lighting | metal | copper alloy | | collar | complete | for Lamp |
| 2 | E | 2 | 1 | Personal | metal | copper alloy | furniture | mount | complete | decorative |
| 2 | E | 3 | 2 | Architectural | Other | | | mortar/plaster | fragment | |
| 2 | E | 3 | 11 | Architectural | glass | colorless | flat | window | fragment | |
| 2 | E | 3 | 1 | Food related | glass | green | mold made | bottle | fragment | square bottle, chamfered sides, embossed "LBANY NY" "NSEND" "ARILLA" |
| 2 | E | 3 | 1 | Food related | glass | green | mold made | bottle | fragment | lip and part of neck of Townsend bottle with cork |
| 2 | E | 3 | 3 | Food related | glass | green | mold made | bottle | fragment | from Townsend bottle |
| 2 | E | 3 | 1 | Food related | ceramic | earthenware | redware | vessel | fragment | clear glaze int/ext |
| 2 | E | 3 | 1 | Food related | ceramic | earthenware | redware | vessel | fragment | no glaze |
| 2 | E | 3 | 2 | Food related | ceramic | earthenware | whiteware | vessel | fragment | flat base |
| 2 | E | 3 | 2 | Food related | ceramic | earthenware | pearlware | vessel | fragment | blue handpainted floral design, 1 rim, 1 body |
| 2 | E | 3 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, scalloped rim, raised dots, floral design |
| 2 | E | 3 | 1 | Food related | ceramic | earthenware | whiteware | vessel | fragment | blue transferprint, floral design |
| 2 | E | 3 | 1 | Food related | ceramic | earthenware | mochaware | bowl | fragment | annular green and brown combed design w/ engine turned green ribbed rim design |
| 2 | E | 3 | 3 | Food remains | organic | shell | oyster | shell | fragment | |
| 2 | E | 3 | 3 | Food remains | organic | shell | clam | shell | fragment | hard shell |
| 2 | E | 3 | 1 | Food remains | organic | shell | clam | shell | complete | hard shell |
| | E | 3 | 1 | Food remains | organic | shell | whelk | shell | fragment | channel |
| 2 | E | 3 | 2 | Food remains | organic | | cherry | pit | complete | |
| 2 | E | 3 | 2 | Personal | ceramic | earthenware | redware | chamberpot | fragment | clear glaze int/exter with brown large dotted decorations and incised line at shoulder |
| 2 | E | 3 | 2 | Personal | clay | kaolin | smoking pipe | stem | fragment | |
| 2 | E | 3 | 1 | Unaffiliated | organic | wood | | unidentified | fragment | cut |

ARCHAEOBOTANICAL RESULTS

| Sample | Feature B | Bag 1 | Family | Details |
|--------|-----------|-------------------|----------|---|
| 1 | Conifer | with resin canals | Pinaceae | Presence of resin canals eliminates hemlock. |
| 2 | Conifer | with resin canals | Pinaceae | Presence of resin canals eliminates hemlock. |
| 3 | Conifer | with resin canals | Pinaceae | Presence of resin canals eliminates hemlock. |
| 4 | Conifer | with resin canals | Pinaceae | Presence of resin canals eliminates hemlock. |
| 5 | Conifer | with resin canals | Pinaceae | The following describes all specimens: Large tracheids with abrupt change from early wood to late wood. Late wood 1/3 to 1/4 of growth ring. Predominately 1 row bordered pits on tangential side, occasionally 2 rows, which eliminates larch. Short ray height. Smooth walled ray tracheids which eliminates southern hard pine. Cross-field pitting too deteriorated to make an absolute identification. Consider white pine or spruce. I lean toward white pine but local shipping records might shed light on lumber being brought into NYC |

| | | | | |
|----|---------|-------------------|----------|--|
| 6 | Conifer | with resin canals | Pinaceae | |
| 7 | Conifer | with resin canals | Pinaceae | |
| 8 | Conifer | with resin canals | Pinaceae | |
| 9 | Conifer | with resin canals | Pinaceae | |
| 10 | Conifer | with resin canals | Pinaceae | |
| 11 | Conifer | with resin canals | Pinaceae | |

| Sample | Feature B | Bag 2 | Family | Details |
|--------|-----------|-------------------|----------|---|
| 1 | Conifer | with resin canals | Pinaceae | Presence of resin canals eliminates hemlock. |
| 2 | Conifer | with resin canals | Pinaceae | Large tracheids with abrupt change from early wood to late wood. Late wood 1/3 to 1/4 of growth ring. Predominately 1 row bordered pits on tangential side, occasionally 2 rows, which eliminates larch. Short ray height. Smooth walled ray tracheids which eliminates southern hard pine. Cross-field pitting too deteriorated to make an absolute identification. |
| 3 | Conifer | with resin canals | Pinaceae | |
| 4 | Conifer | with resin canals | Pinaceae | |
| | | | | |
| 5 | Conifer | with resin canals | Pinaceae | Cross-field pitting too deteriorated to make an absolute identification. |
| 6 | Conifer | with resin canals | Pinaceae | |

| | | | | |
|---|---------|-------------------|----------|--|
| 7 | Conifer | with resin canals | Pinaceae | Presence of resin canals eliminates hemlock. Predominately 1 row bordered pits on tangential side, Cross-field pitting too deteriorated to make an absolute identification. |
|---|---------|-------------------|----------|--|

| | | | | |
|---|---------|-------------------|----------|--|
| 8 | Conifer | with resin canals | Pinaceae | Presence of resin canals eliminates hemlock. Cross field pitting too deteriorated to ID. Predominately 1 row bordered pits on tangential side. which eliminates larch leaving white pine or spruce |
|---|---------|-------------------|----------|--|

| | | | | |
|---|----------------------------|--|--|--|
| 9 | Hard wood Birch species | | | eliptical/segmented vessels, diffuse porous, minute pitting on vessel walls; scalariform perforation plates. |
|---|----------------------------|--|--|--|

| | | | | |
|----|---------|-------------------|----------|--|
| 10 | Conifer | with resin canals | Pinaceae | Presence of resin canals eliminates hemlock. Saw several examples of fenestriform cross-field pitting strongly suggesting white pine . |
|----|---------|-------------------|----------|--|

LES GIRLS CLUB BOTANICAL IDENTIFICATIONS (CONTINUED)

All of the sample except the lathe turned (possible) tool handle are in the Coniferales/Pinaceae classification. Unfortunately, the most diagnostic features used to make an identification are too deteriorated.This is not uncommon in wet wood where fungi and insects favor (devour) the ray cells before other parts of the wood. In a more preserved status, it was possible to identify #10 in Bag 2 as white pine (*P inus strobus*) based on the cross-field ray pitting.

White pine is considered to be a "soft" wood compared with the southern hardwood pines which were shipped north in the 18th and 19th centuries for the multitude of building demands. The hard pines were often selected for flooring in homes and manufacturing mills in the second half of the 19th century. White pine was also employed for flooring, however it was considered a less valuable wood thus often relegated to the attic or second story flooring. Prehistorically, the Native Americans living in southern Connecticut used white pine for many of their tools, although people continue to describe other wood selections without identifying the actual artifacts.

The one fully shaped artifact that was sent for identification purposes appears to be a lathe turned tool handle made from birch (*Betula* spp.). The different birch species cannot be distinguished by their structural components. Grey, yellow and river birch would have been available in the near-by region. Birch wood is described as having a multitude of uses. It can be found in cabinetry, furnishings, as well as tools (Panshin and de Zeeuw 1980). I identified a birch peg used to join 2 structural sections on an exposed boat wreck found on the coast of Connecticut near Old Lyme. (For more information on the boat wreck you can contact Nick Bellantoni and/or John Pfeiffer.)

Panshin, A. J., and Carl de Zeeuw, 1980. *Textbook of Wood Technology* . McGraw-Hill Book Company, NY.