



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**

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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.

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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	basy-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 tubrical 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, mochaware, 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 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 Eugine, 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.

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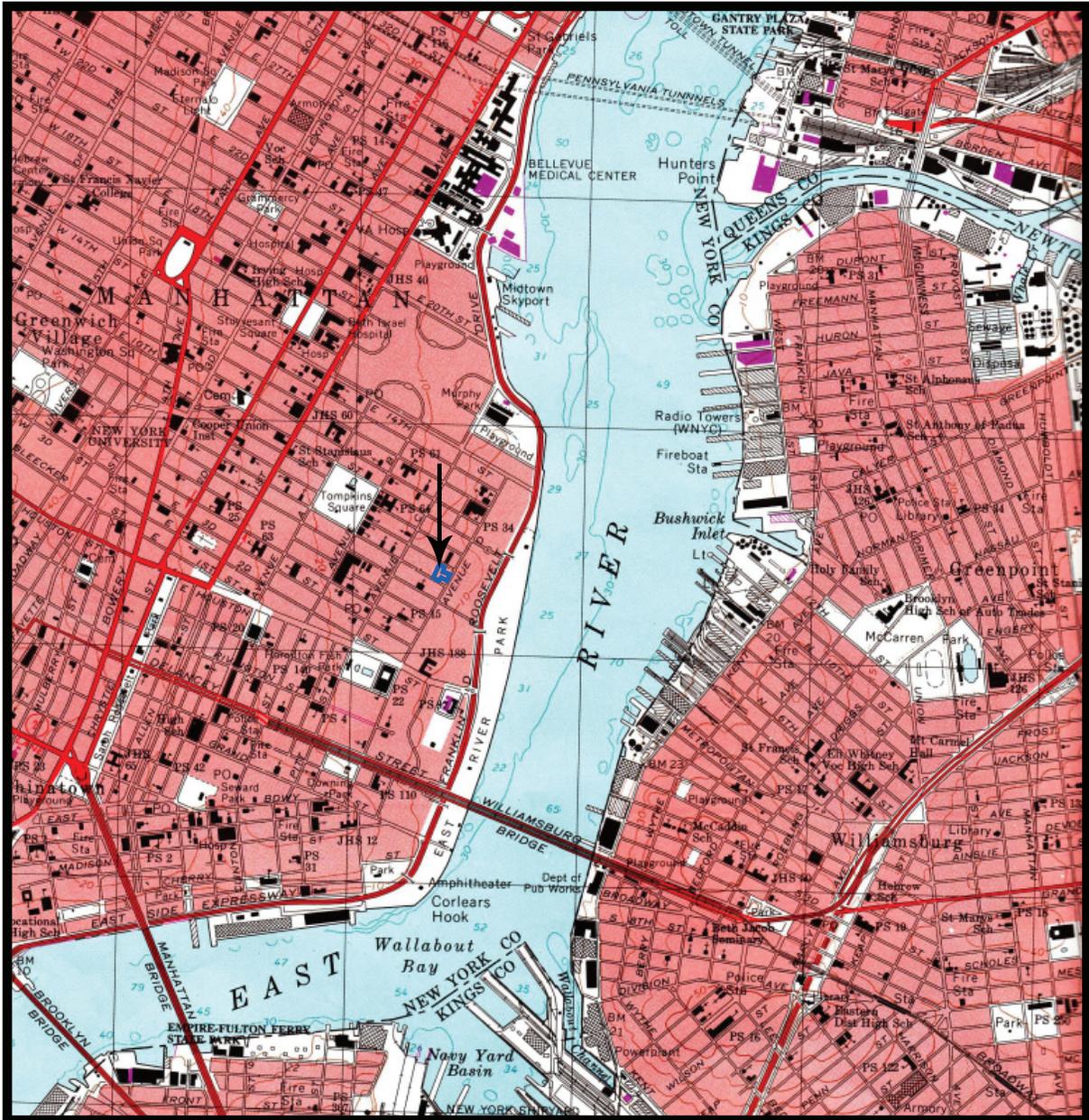
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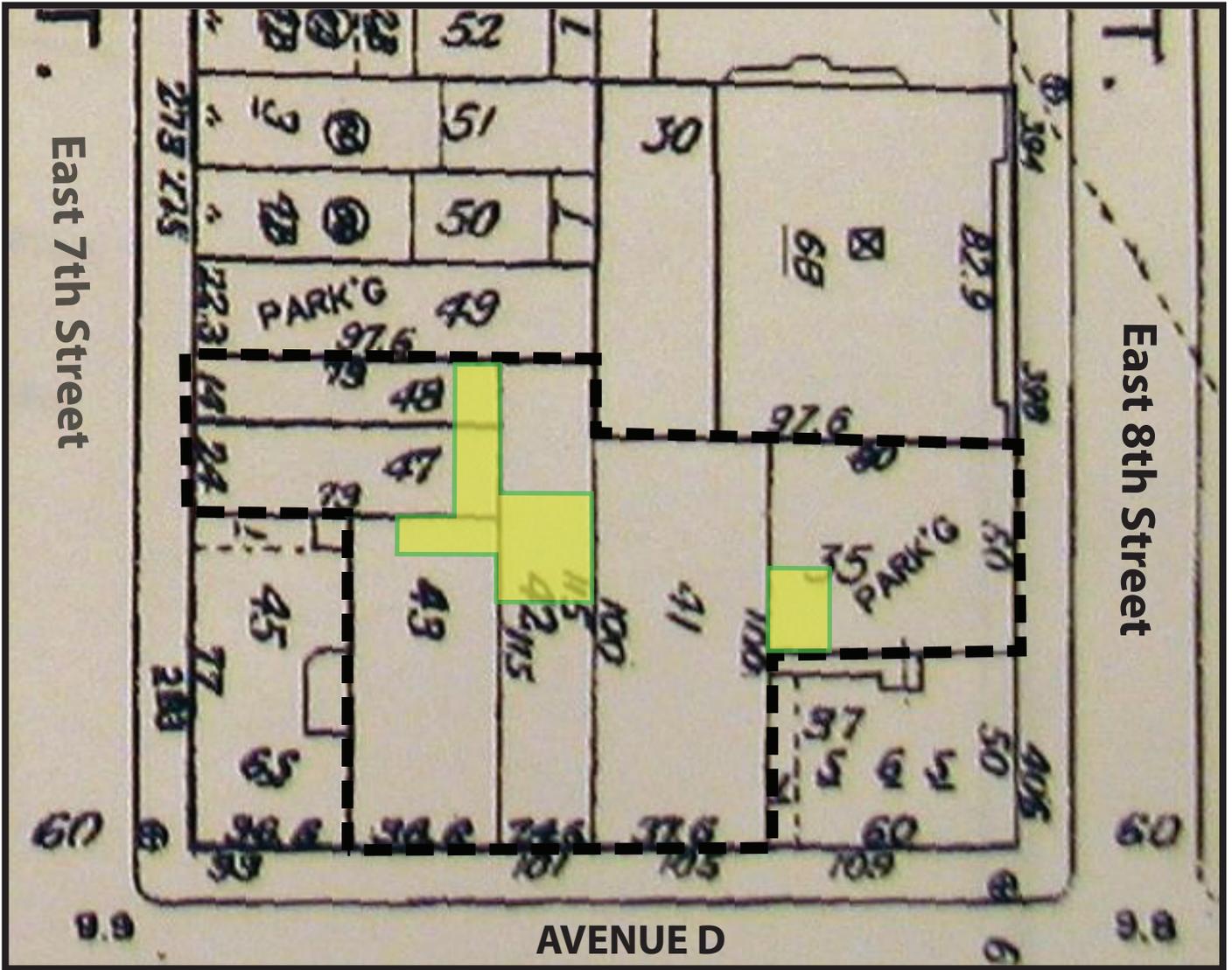
Arrow indicates Area of Potential Effect



LOWER EAST SIDE GIRLS CLUB, NEW YORK, NY

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





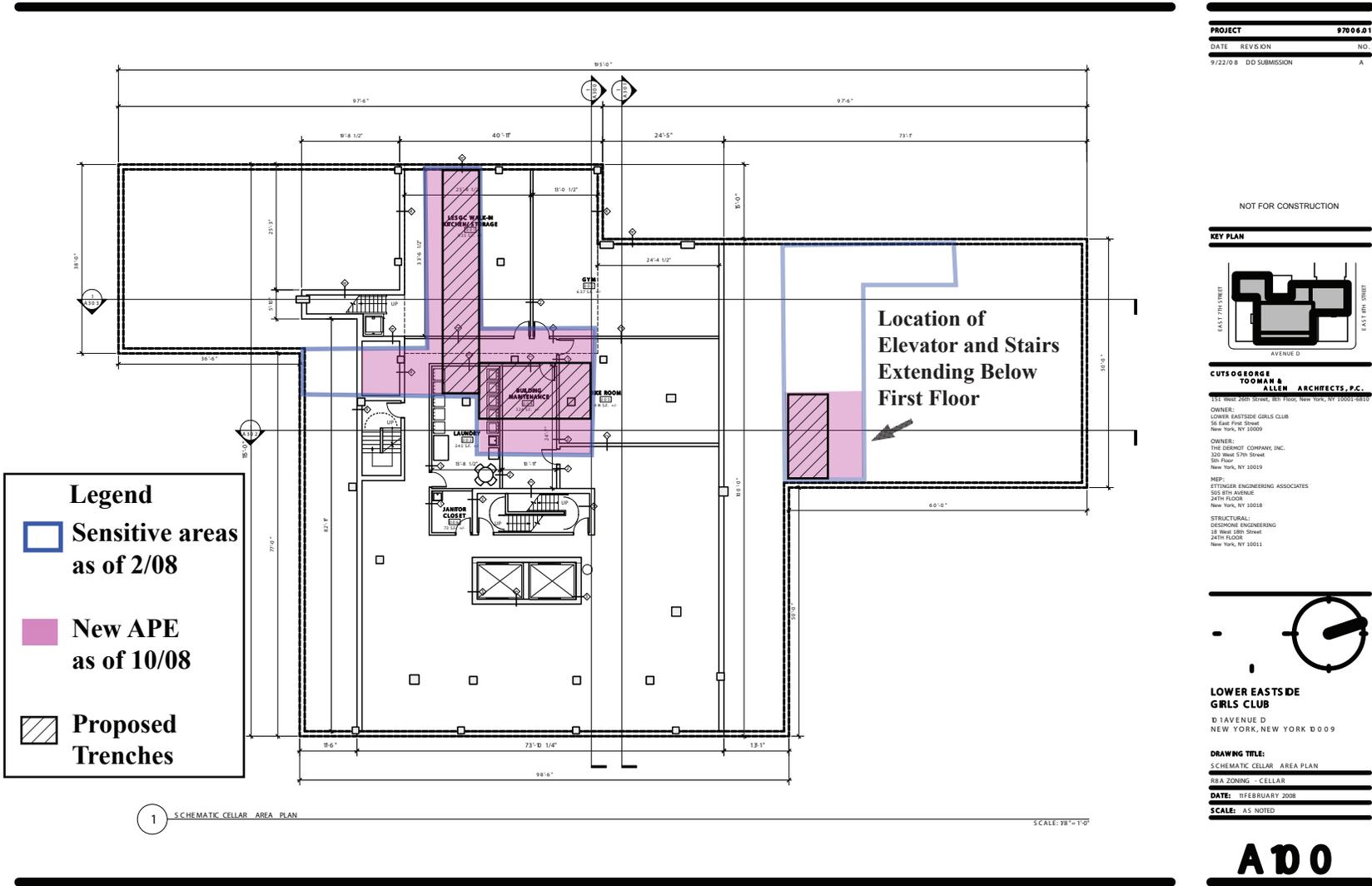
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	Area of Potential Effect		Areas of Potential Archaeological Sensitivity
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Lower East Side Girls Club Project Site
 Block 377, Manhattan, New York County, New York

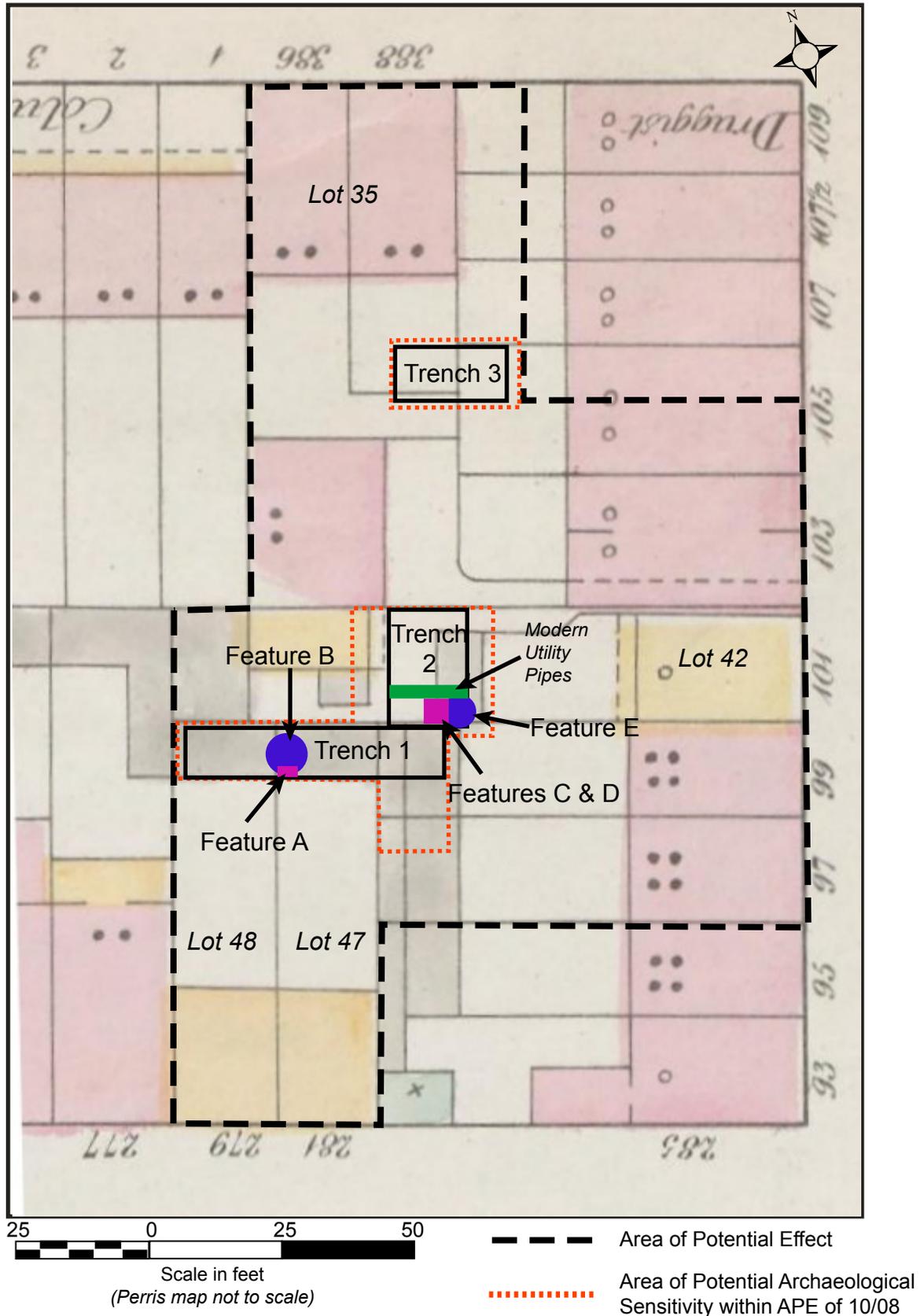


Figure 2: Areas of Potential Archaeological Sensitivity.
 Base map: Sanborn, Insurance Maps of the City of New York, 2006.



LOWER EAST SIDE GIRLS CLUB, NEW YORK, NY

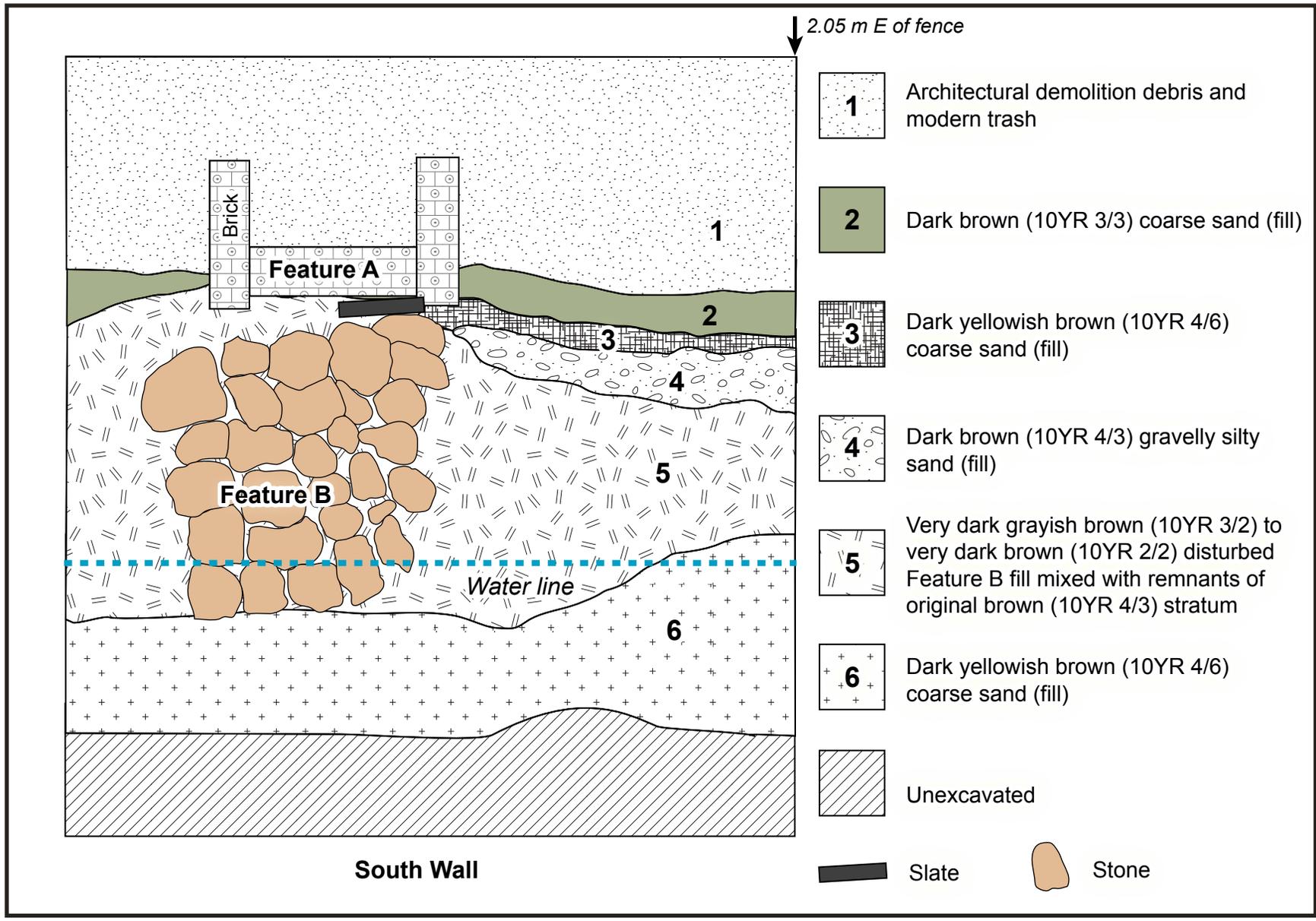
FIGURE 3: Proposed Test Trench Locations within APE and Areas of Archaeological Sensitivity



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

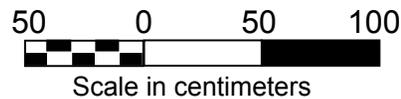
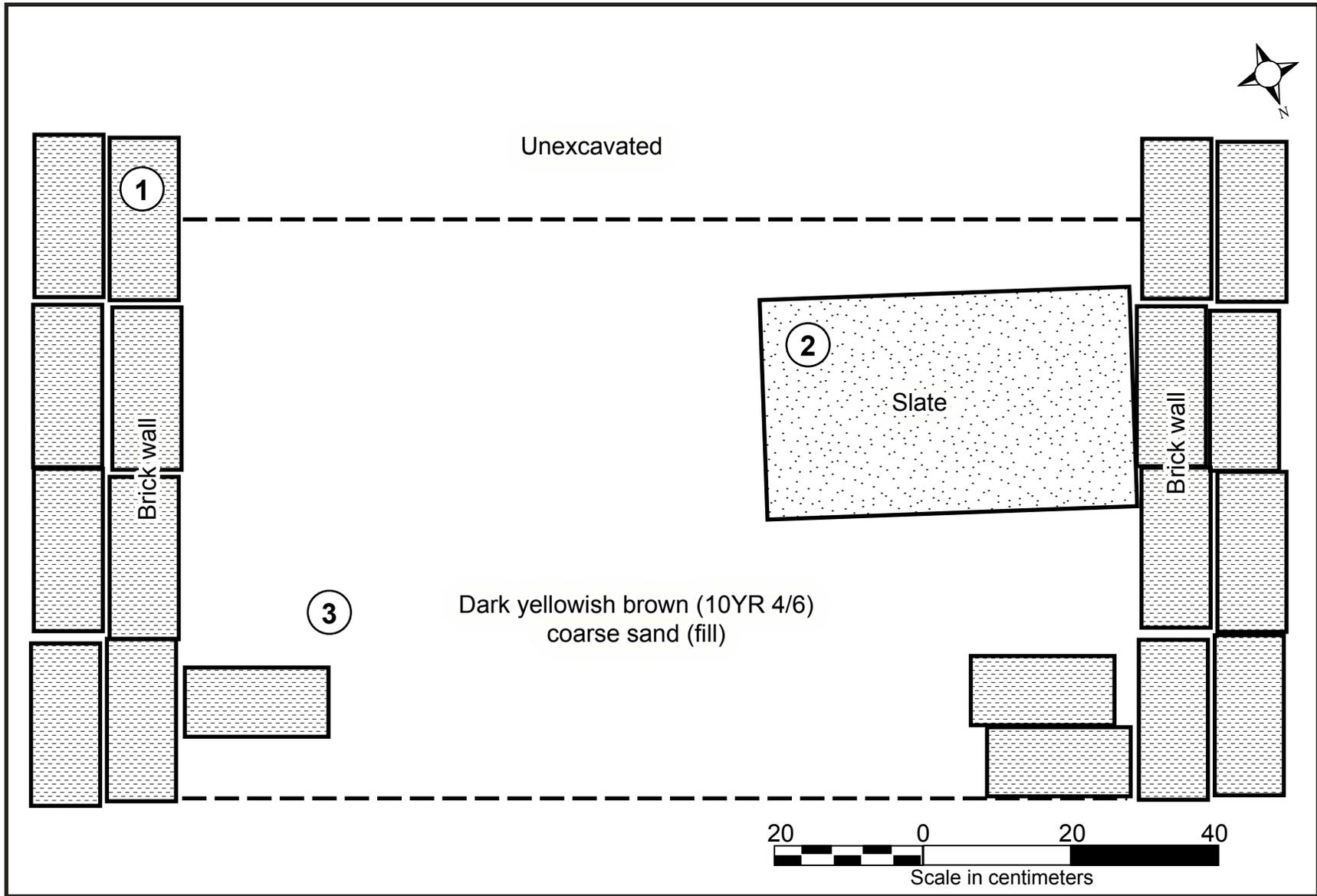


Figure 5: Trench 1 profile.

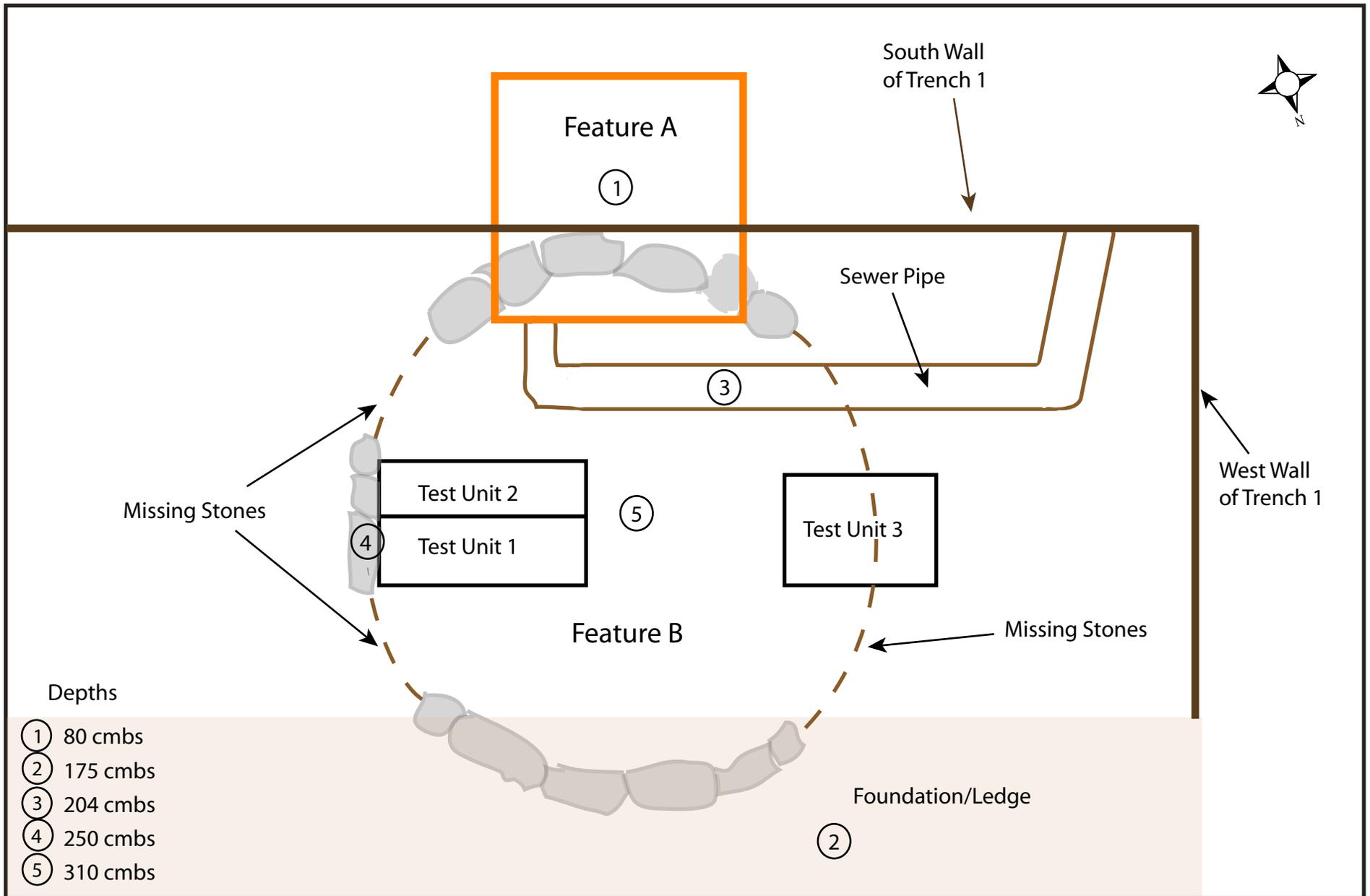


Lower East Side Girls Club Project Site
 Block 377, Manhattan, New York County, New York

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

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

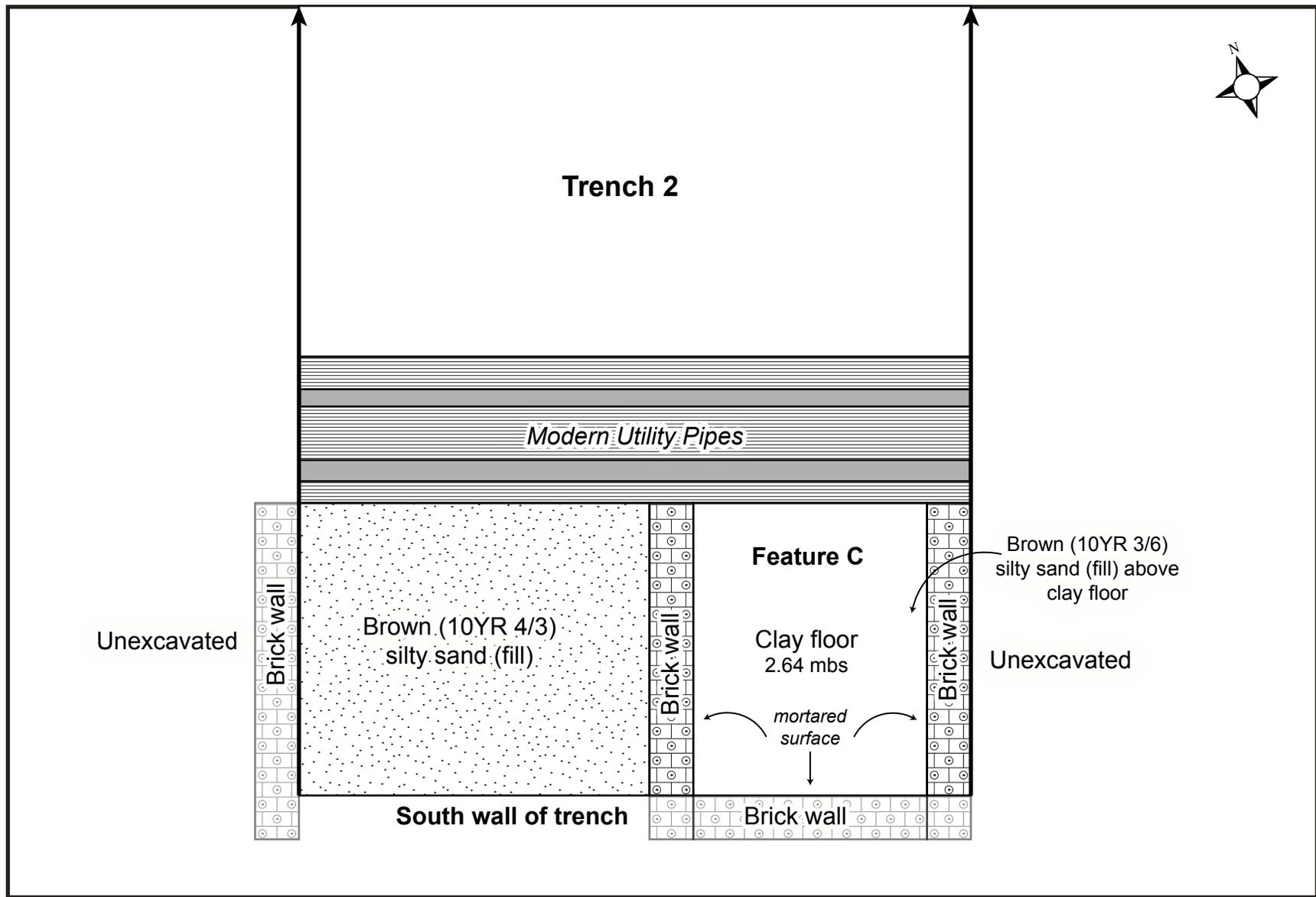




Lower East Side Girls Club Project Site
 Block 377, Manhattan, New York County, New York

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





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

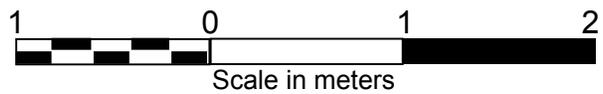
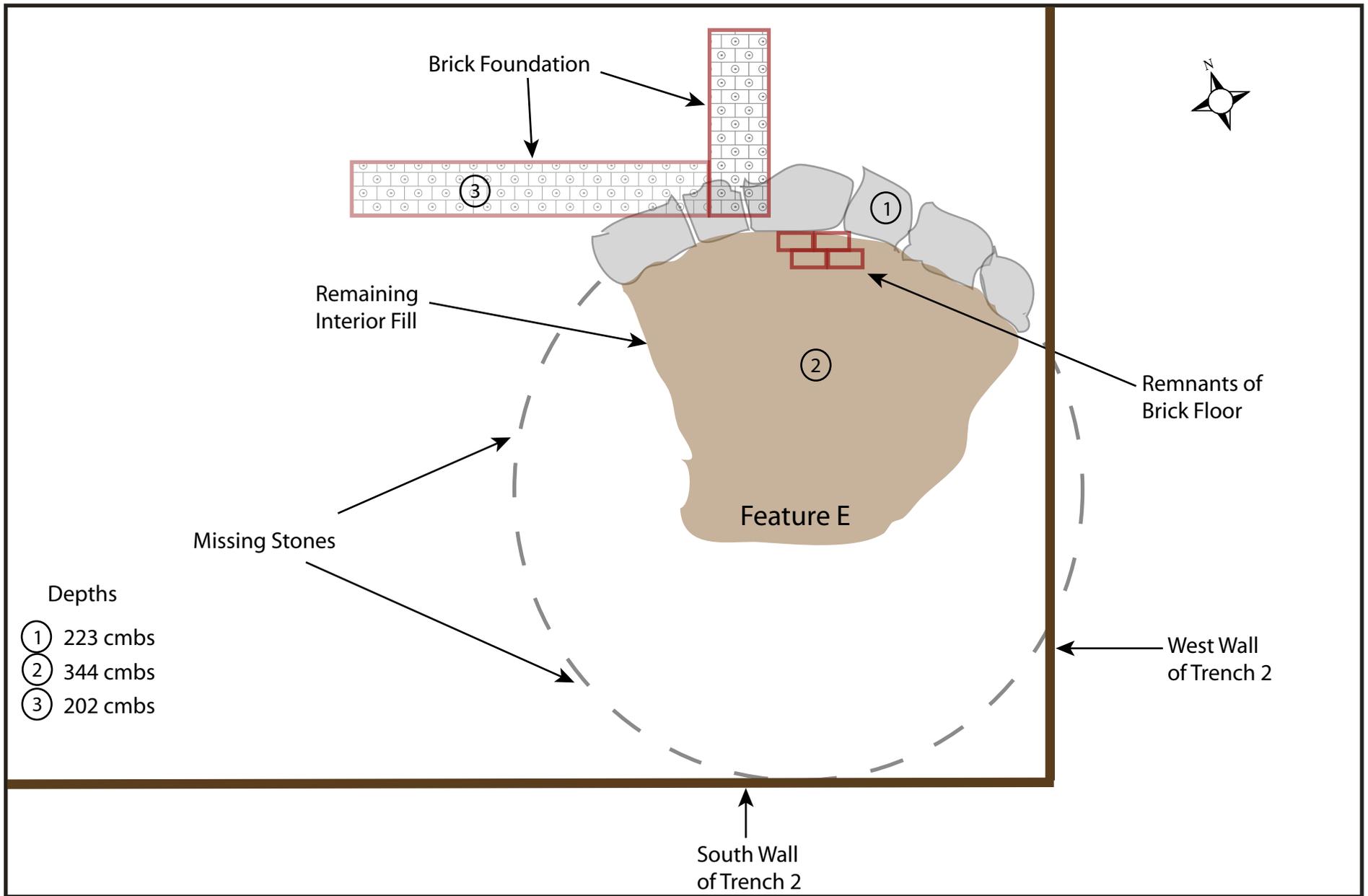


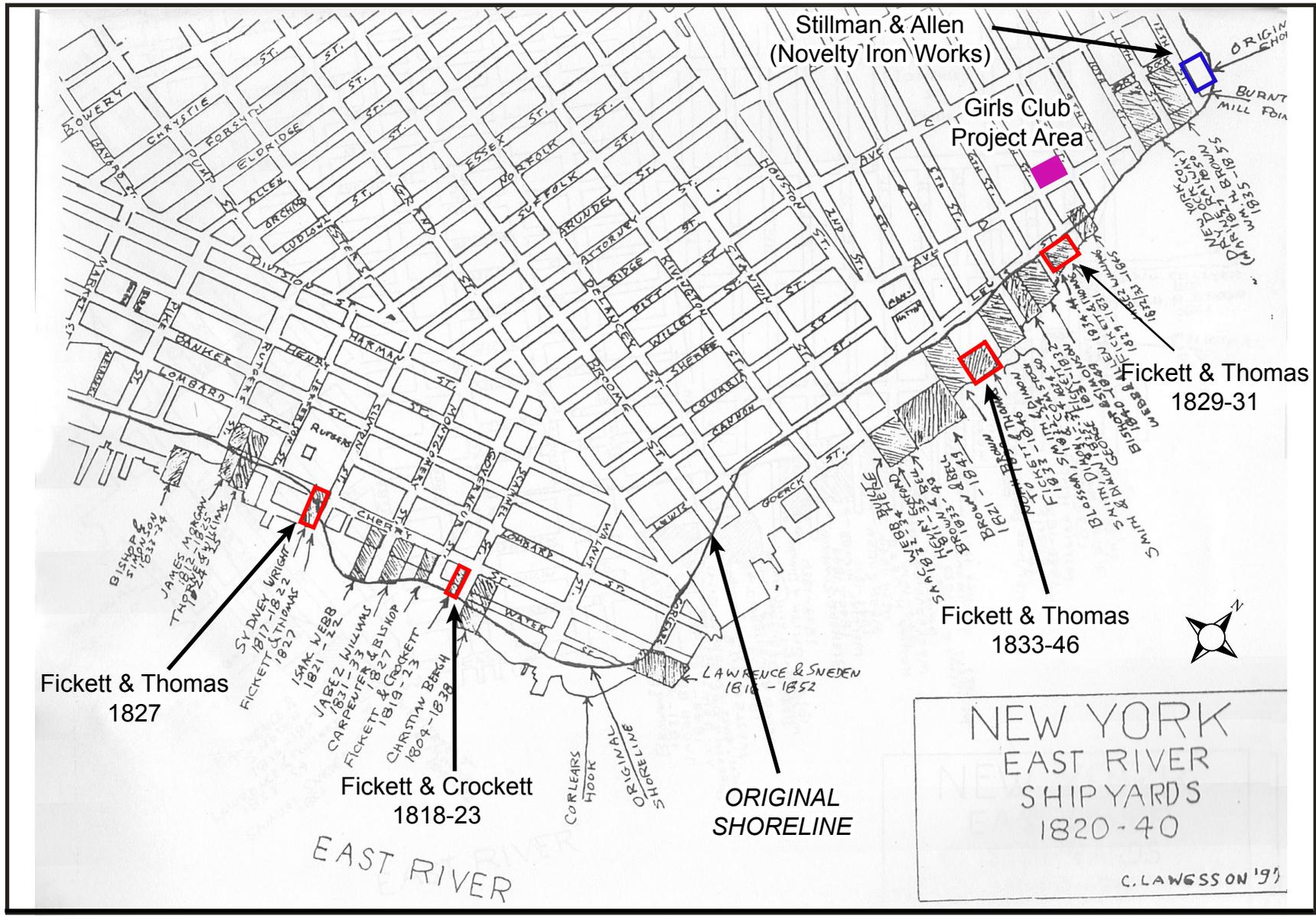
Figure 8: Trench 2, Feature C, Field Plan.



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

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

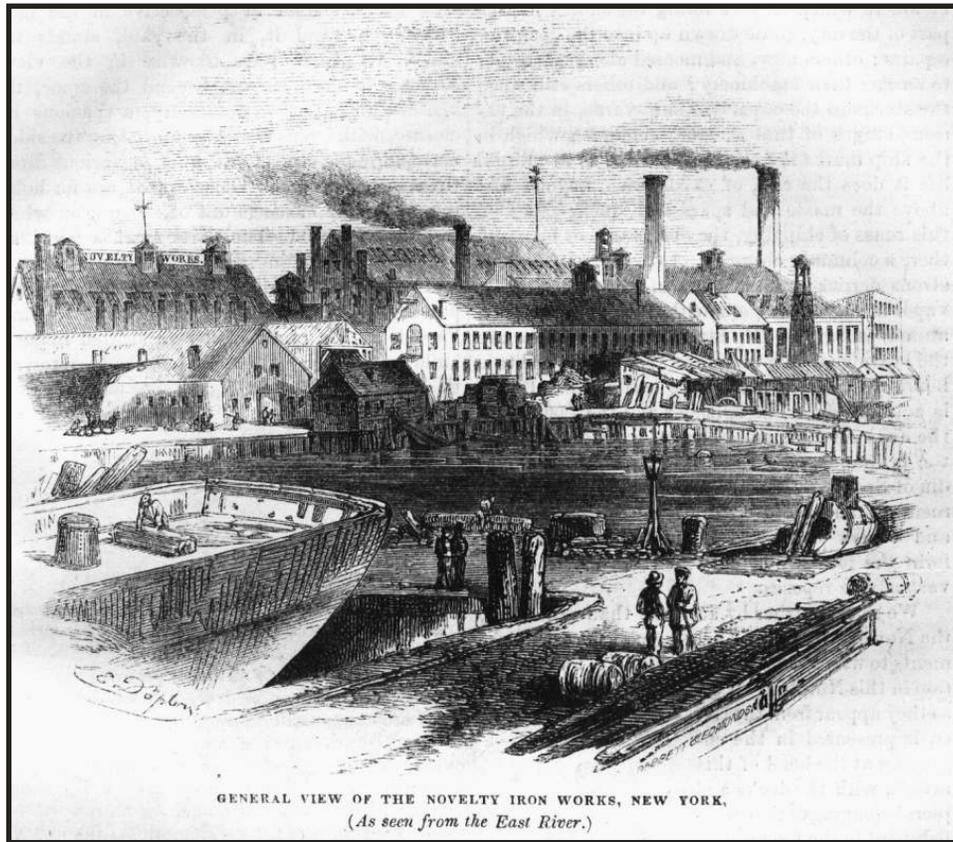
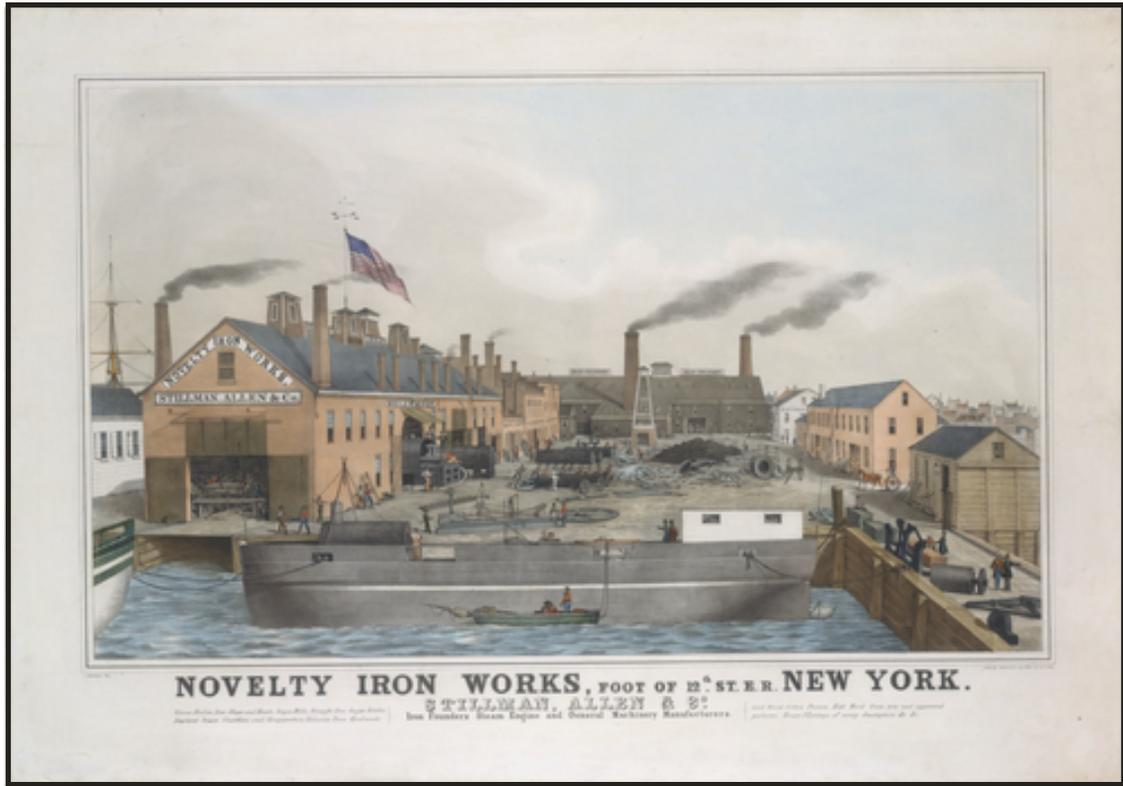




Lower East Side Girls Club Project Site
Block 377, Manhattan, New York County, New York

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.

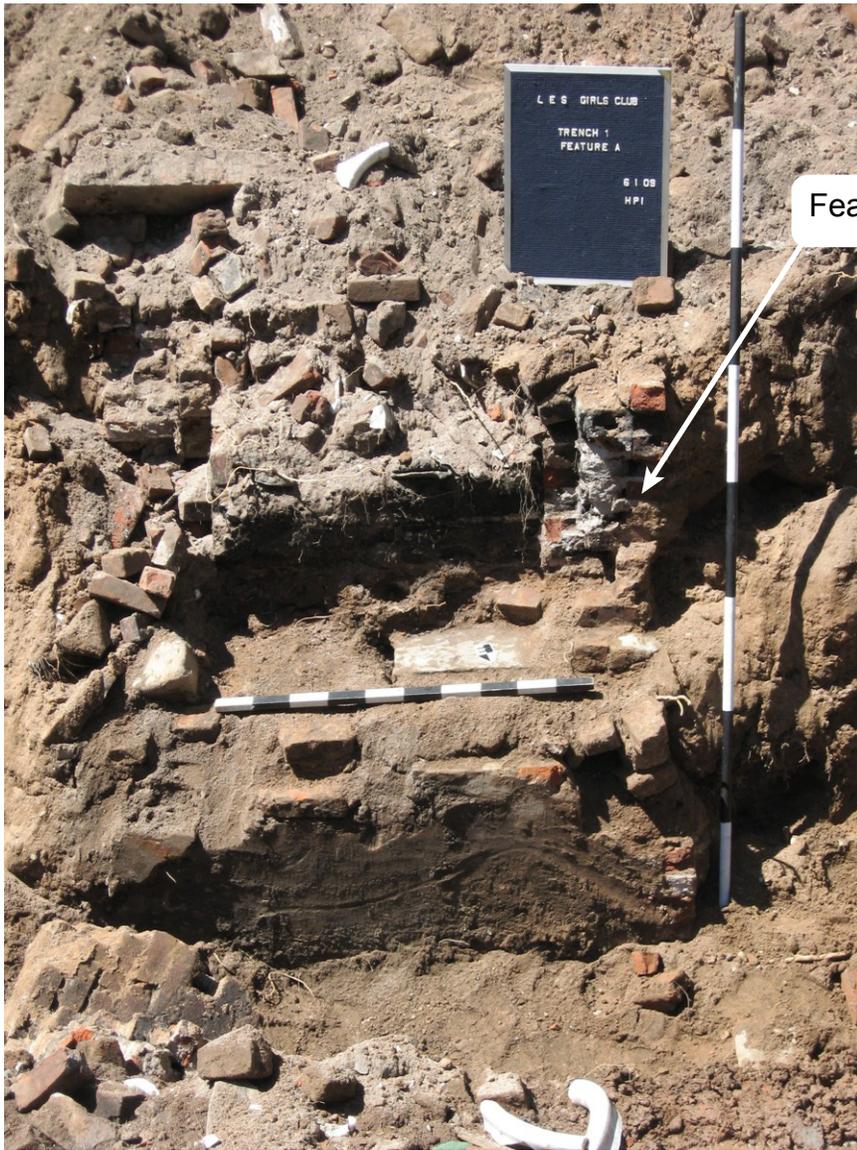




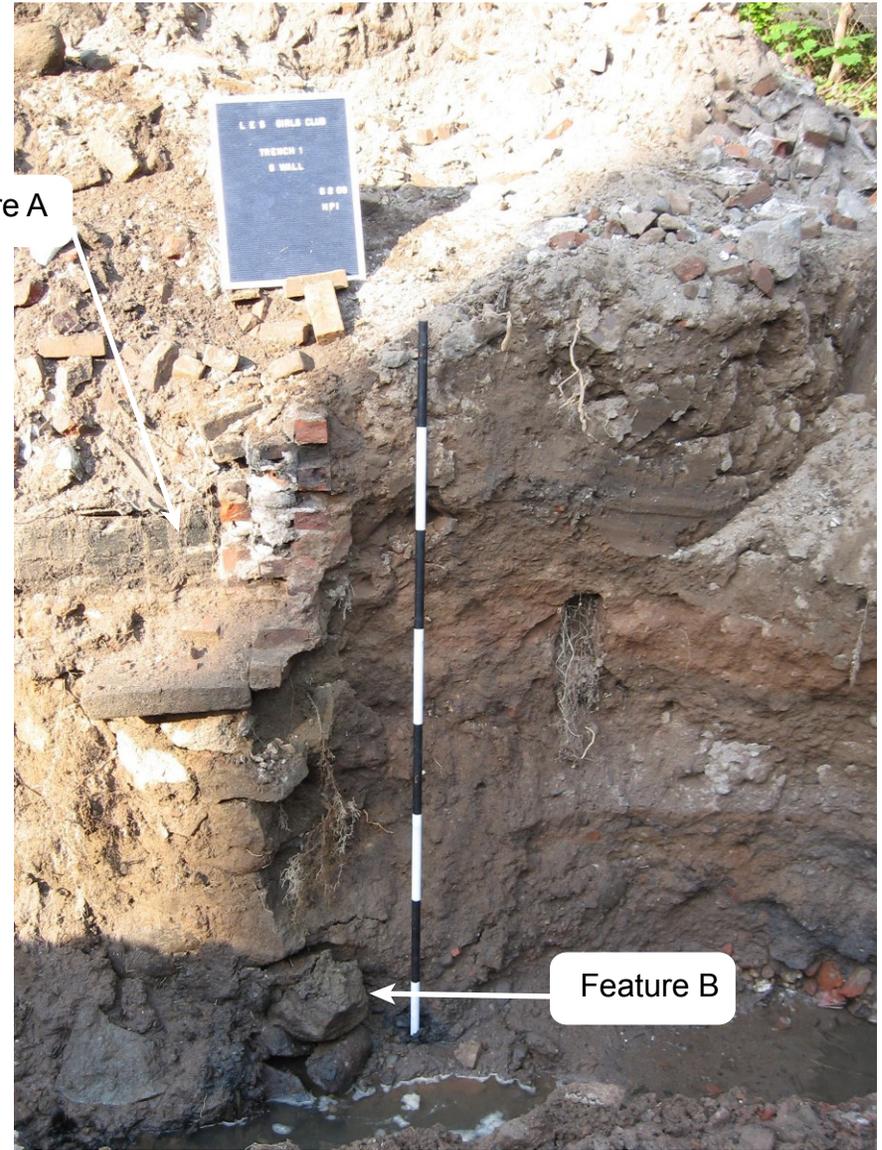
Trash along north wall of Trench 1, looking north.



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.



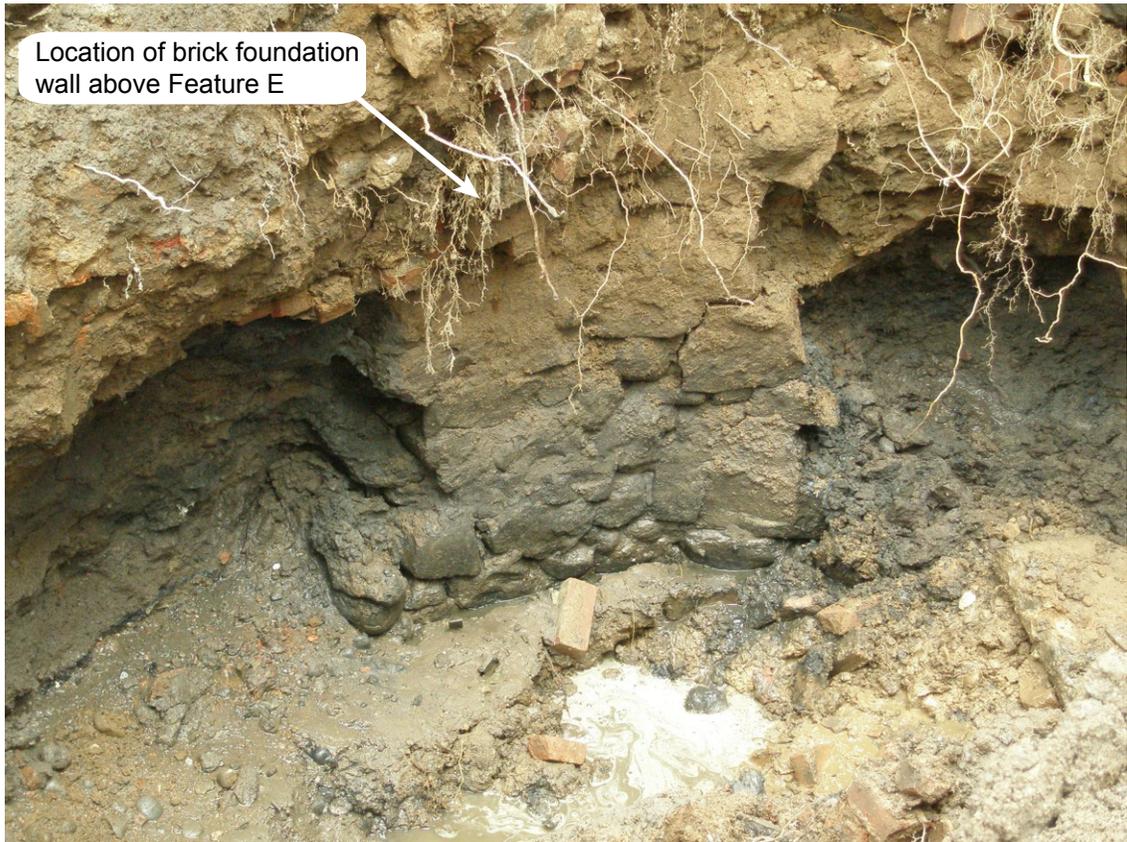
Feature C in Trench 2, looking south.



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



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



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 blue transferware, flow blue, floral design, possibly Chinese scene, ironstone, impressed w/ anchor,
2 north		Utility trench pipe #3	1	Food related	ceramic	earthenware	whiteware	plate	fragment	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

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	

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			cocoanut	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

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	

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	

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	crook	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	
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			elliptical/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 (*Pinus 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.