

PHASE 1 ARCHAEOLOGICAL AND HISTORICAL SURVEY
WATERFRONT COMMONS
BLOCK 7620, LOT 1
BLOCK 7632, LOTS 1, 6, 50, 150 AND 151
RICHMOND COUNTY, STATEN ISLAND, NEW YORK
07PR04902

Prepared for:
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Waterfront Commons
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Prepared by:
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June 2015

MANAGEMENT SUMMARY

SHPO Project Review Number	07PR04902
Government Agencies:	OPRHP, DEC, USAC
Phase of Survey:	Phase 1
Location Information	
Location	Block 7620, Lot 1 Block 7632, Lots 1, 6, 50, 150, 151
Minor Civil Division	Richmond Valley
County	South Richmond Development District Richmond County
Survey Area	
Length:	n/a
Width:	n/a
Depth:	n/a
Number of Acres Surveyed:	24.54 acres/9.93 hectares
USGS 7.5 Minute Quadrangle Map:	Arthur Kill NJ/NY 1981
Archaeological Survey Overview	
Number & Interval of Shovel Tests:	591 tests, 339 tests @ 15m interval, 194 tests @ 7.5m interval
Number & Size of Units:	n/a
Backhoe Trenches:	Area 2 (1), Area 4 (1), Area 5 (2)
Surface Survey Transect Interval:	n/a
Results of Archaeological Survey	
Number & name of prehistoric sites identified:	1 (Area 1), Catbriar
Number & name of historic sites identified:	?
Number & name of sites recommended for Phase 2 avoidance:	n/a
Results of Architectural Survey	
Number of buildings/structures/cemeteries within project area:	1
Number of buildings/structures/cemeteries adjacent of project area:	n/a
Number of previously determined NR listed or eligible buildings/structures/cemeteries/districts:	n/a
Number of identified eligible buildings/structures/cemeteries/districts:	n/a
Report authors:	Crowley, Sandy

Date of report:

2015

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LIST OF PERSONNEL

Paula M. Crowley	-	Project Manager
William Sandy	-	Principal Investigator
William Goldsmith	-	Principal Investigator
Kim Croshier	-	State Files Researcher
Antonella Inserra	-	Documentary Researcher
		Field Technician
		Laboratory Technician
Leah Weisburg	-	Field Technician
		Laboratory Technician
Rebecca Catts	-	Field Technician
David Orme	-	Field Technician
William I. Roberts IV	-	Field Technician
Jonathan Bream	-	Field Technician
Rosita Tirado	-	Field Technician
Jessica Devlin	-	Field Technician
Sean Farrell	-	Field Technician
Jonathan Dritto	-	Field Technician
Michael Thomas	-	Field Technician
Nadine Stevens	-	Field Technician

INTRODUCTION

A Phase 1 archaeological survey of the Waterfront Commons, Borough of Staten Island, Richmond County, New York has been requested by the New York State Office of Parks, Recreation and Historic Preservation, Project Review Number 07PR04902, in conjunction with the New York State Department of Environmental Conservation and the United States Army Corps Permits and subject to OPRHP review, under Section 106

The project area includes Block 7620, Lot 1 and; Block 7632, Lots 1, 6, 50, 150 and 151. A request was also made for Building/Structure Inventory Forms for 4914 Arthur Kill Road, 4927 Arthur Kill Road, and 291 Richmond Valley Road. See Figure 1 for the location of the project area on the United States Geological Survey, Arthur Kill 7.5 minute quadrangle. The project area is approximately 33.52 acres (13.565 hectares) with 8.98 acres (3.63 hectares) underwater and 24.54 acres (9.93 hectares) upland. This project is bounded in the north by the Outerbridge Crossing, Route 440, on the east by Arthur Kill Road, zigzagging around the plaza and the veterinarian's complex. On the south it is bounded by the Richmond Valley Road extension and the Mill Creek, and on the western side by the Arthur Kill.

This report has been prepared by Greenhouse Consultants Incorporated of Bayonne, New Jersey. This Phase 1 study includes background archaeological and historical research documenting the potential for prehistoric and historic archaeological sites, and Phase 1B field testing at the proposed Waterfront Commons commercial development in the Borough of Staten Island, New York, New York.

This sensitivity evaluation is organized in the following manner: first, an overview of the geography and physical setting of the project area; second, a review of prehistoric findings in the vicinity of the project area; third, a discussion of the historic sensitivity of the project area; the results of field investigations of each of seven test areas; and finally, conclusions and recommendations. In order to provide a context for the evaluation of any resources within the subject parcel, this study provides a synthesis of published and unpublished documentation of prehistoric and historic resources within and around the project area.

Evaluations of the significance or potential significance of cultural resources were made using the Criteria of Eligibility of the New York and National Registers of Historic Places Programs. The Criteria of Eligibility for the National Register of Historic Places are described by the U.S. Department of the Interior National Register Program:

The quality of significance in American history, architecture, archaeology, engineering and culture is present in districts, sites, buildings, structures or objects that possess integrity of location, design, setting, materials, workmanship, feeling and associations and

- (a) that are associated with events that have made a significant contribution to the broad patterns of our history; or
- (b) that are associated with the lives of persons significant in our past; or
- (c) that embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic value, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- (d) that have yielded, or are likely to yield information important in prehistory or history.

Criterion D is most often used when evaluating archaeological sites (Kuhn and Little 2000).

The initial background research, completed in 2008, was supervised by William Goldsmith. Documentary research was conducted by Paula Crowley and Antonella Inserra. State files were searched by Kim Croshier in 2008. Supplemental historic research was conducted by Sandy in 2009. The Tottenville Branch, New York Public Library, the St. George Library Center, and the Staten Island Museum's History Archives all supplied information important in the understanding of the history of the project area. The website of the Tottenville Historical Society also provided relevant information. An parcel was added to the southeast portion of the property in 2013.

Phase 1B fieldwork was directed by William Sandy, RPA. William I. Roberts, IV, RPA assisted with parts of the fieldwork. Sandy, Rebecca Catts, Paula Crowley, Antonella Inserra, David Orme and Leah Weisburg carried out the preliminary field investigations in 2008. In the summer of 2013, Sandy, Roberts, Jonathan Bream, Jessica Devlin, Sean Farrell, and Rosita Tirado completed supplemental testing of Area 1. In

September, 2012, Sandy, Roberts, Jonathan Bream, Jonathan Dritto, and Michael Thomas carried out backhoe testing in Areas 2, 4, and 5. In October and November, 2013, Sandy, Bream, Dritto, Nadine Stevens, and Thomas conducted Phase 1B testing of newly added Area 7, and supplemental Phase 1B shovel testing in Area 2. Field photographs are by Sandy, Roberts, and Inserra. Artifact processing and analysis was completed by Paula Crowley. Graphics are by Crowley. This report was written by Crowley and Sandy.

GEOGRAPHY AND PHYSICAL SETTING

The project area is located in the Atlantic Coastal Lowland Physiographic Province. The surficial geology consists of landforms and deposits of glacial origin. The southwestern portion of Staten Island consists of terminal moraine overlying sedimentary rocks of the Newark Basin (Benimoff and Ohan 2003).

The project area includes a variety of vegetation, soils, and landforms, in a variety of settings. In the north is a dry stream bed running north to south, with associated wetlands. The stream resulted from the construction of the Outerbridge Crossing and its purpose was to convey bridge runoff. Vegetation in this vicinity includes an oak forest with a dense understory. To the south west there is an intermittent stream flowing from west to east and emptying into the Arthur Kill. Outparcels on the west side of Arthur Kill Road include a medical building and a beverage distributor. The southern part of the project area has hummocks of fill scattered around a fairly flat artificial plateau. There are remnants of piers at the southwestern tip of the project area. There is an artificial, ditch-like gully running north south from near the shore of Weir's Mill Creek to the vicinity of the artificial pond.

The principal investigator inspected the project area on foot on December 20, 2007. Starting at the northern end of the project area. Photo 1 illustrates the project area entering on the north side of the shopping plaza, below the Outerbridge Crossing in Area 1. Photo 2 shows the stream encountered in Area 1 of the project area. Photo 3 illustrates the steep slopes and construction debris lying in the northern part of the project area in Area 5. A pond was also encountered in the Area 5, and is shown in Photo 4. Following the stream, Photo 5 shows the stream entering Arthur Kill from Area 1. Photo 6 illustrates the western edge of the project area along the exposed tidal flats, as viewed from Area 6 and 5. Photo 7 is a view of the pier remnants at the southwestern tip of the project area in Area 3. Photo 8 shows a portion of the former mill located along the southern project area boundary in Area 3. Photo 9 is taken in the southern part of the project area in the flat expanse of the former historic mill-related pond in Area 2. Photo 10 is another view of the southern portion of the project area in Area 2 facing west. Photo 11 illustrates the pond in the Area 5, as approached from the south. The DEP Mill Creek Bluebelt is immediately adjacent to the southern portion of the project area along Mill Creek.

There is a reconnaissance soil survey of Richmond County available for study. The survey indicates that the project area contains three varieties of soil (New York City Soil Survey Staff 2005). The northernmost unit is the Wethersfield-Foresthills-Pavement & buildings complex, 8 to 15 percent slopes. These soils are found on strongly sloping till plains and hills that have been partially filled. The middle unit is the Wethersfield-Foresthills-Pavement & buildings complex, 0 to 8 percent slopes. These soils are nearly level to gently sloping till plains and hills that have been partially filled. The southernmost soil unit is the Pavement & buildings, wet substratum-Laguardia-Ebbets complex, 0 to 8 percent slopes. These soils are nearly level to gently sloping urbanized areas. They are a mixture of natural soil and construction debris over swamp, tidal marsh or water. See Figure 2.

Table 1: Project Area Soils

Name	Soil Horizon Depths cm. (in.)	Color	Texture Inclusions	Slope	Drainage	Landform
Ebbets series	A: 0-4 in. Bw: 4-8 in. C: 8-60 in.	VDkGrBr 10YR3/2 DkYwBr 10YR4/4 DkYwBr 10YR4/4	Lo 5% gravel Gr Sa Lo 25% gravel Gr Sa Lo 30% gravel	0-8%	well	Till plains
Foresthills series	A: 0-2 in. Bw: 2-15 in. Ab: 15-27 in. BAb: 17-28 in. Bwb: 28-42 in. Cd: 42-60 in.	VDkGrBr 10YR3/2 Br 7.5YR4/4 Bk 10YR2/1 Br 7.5YR4/3 RBr 5YR4/4 YwRed 5YR4/6	Lo 5% gravel, 1% cobbles, 1% stones SiLo 5% gravel, 1% cobbles Lo 1% gravel, 1% cobbles Lo, 5% gravel, 1% cobbles Lo, 5% gravel, 1% cobbles Lo, 5% gravel, 1% cobbles Lo, 5% gravel, 1% cobbles	0-15%	well	Urban till plains
Laguardia series	Ap: 0-8 in. Bw: 8-26 in. C: 26-79 in.	Brown 10YR4/3 Brown 10YR4/3 Brown 10YR4/3	GrSaLo, 2% gravel, 5% cobbles VGrCoSaLo, 40% gravel, 5% cobbles VGrCoSaLo, 50% gravel, 7% cobbles	0-8%	well	Urban till plains
Wethersfield series	A: 0-8cm (0-3in) Bw1: 3-13 in. Bw2: 13-27 in. C: 68-165cm (27-65in)	Dk Br 7.5YR3/2 RBr 5YR4/4 Dk Red Br 5YR3/3 RBr 2.5YR4/4	Lo 10% gravel Lo 10% gravel GrLo 10% gravel, 5% cobbles GrLo 15% gravel, 5% cobbles	0-15%	well	Till plains, hills & moraines

Key: Shades: dk-dark, v-very
Color: br-brown, YwRed-yellowish red, RRr-reddish brown, gr-grey, Bk-black, GrBr-greyish brown, YwBr-yellowish brown
Textures: cl-clay, si-silt, sa-sand, gr-gravel, lo-loam

ARCHAEOLOGICAL SENSITIVITY

As part of the project evaluation process, this sensitivity study surveyed the files of various city and state agencies for the location of known prehistoric and historic archaeological resources within a two-mile radius of the project area. The results are presented in the following table.

Table 2
Archaeological and Historic Resources within a Two-Mile Radius

Site Number	Site Name	Recorder	Description	Distance
<i>Prehistoric Sites</i>				
NYSM 4606 ACP-RICH-16A	Kreischerville	Parker 1922:683	Early shell middens, camp	includes project area
NYSM 8493 ACP-RICH-16B			Camp	includes project area
A08501.002847	Price Prehistoric Site	Mackey 2007	Prehistoric	2286 ft. N
A08501.000026	Nassau Place Site	Pickman 1984	Buried evidence	2400 ft. S
A08501.000073	Canada Hill	Williams 1967	debitage, tested material	3195 ft. N
A08501.002815 see also NYSM 770 A08501.0073 LPC-17	Fairview see also Canada Hill	Heaton 2005	FCR, debitage	3195 ft N
NYSM 8492			Traces of occupation	3510 ft. SSE
A08501.002767	A7-MCB-1	John Milner Associates 2000	Debitage & hammerstone	3600 ft. NE
A08501.002766	C4-MCB-1	John Milner Associates 2000	Workshop, flakes, biface	3600 ft. NE
NYSM 771	Kreischer	Yamin 1978	no info	3943 ft. N
NYSM 4603		Parker 1922	"Indian Fields"	4770 ft. NW-1.70 mi. NE
NYSM 8491			Traces of occupation	4924 ft. S-4577 ft. SE

Site Number	Site Name	Recorder	Description	Distance
A08501.002377	Honey Blossom	Manchester 1989	Stray find, Mid-Late Woodland, Jacks Reef Corner Notched	1.04 mi. S
A08501.000880	Abraham's Pond Locus C	Pickman 1986	Prehistoric	1.04 mi. NE
NYSM 768	Page Avenue	Yamin	no info	1.05 mi SE
A08501.002707	P.S. 6-R Page Avenue	Saunders 1998	Late Archaic lithic workshop, projectile points, hammerstone, biface, debitage, FCR, core, shell	1.13 mi. SE
A08501.000879	Abraham's Pond Locus B	Pickman 1986	Prehistoric	1.19 mi NE
A08501.000130	Park Headquarter's Site	Pickman 1986	Prehistoric	1.19 mi NE
NYSM 744 A08501.000122 Std 21-3 SIAS 30-RIC-19-AJA	Charleston Beach	Salwen 1978	Multi-component prehistoric	1.20 mi. NNW
NYSM 8471		Parker 1922	Middens?, traces of occupation	1.21 mi SW-3223 ft. SE
NYSM 770	Canada Hill	Yamin 1978	no info	1.22 mi. NE
NYSM 743 Std. 18-3? SIAS 30-RIC-20-AJA	Port Socony South	Sainz 1962	Paleo-Indian camp	1.23 mi. N
A08501.000878	Abraham's Pond Locus A	Pickman 1986	Prehistoric	1.25 mi. NE
A08501.000025	Hopping Avenue Site	Pickman 1984	Prehistoric buried evidence	1.30 mi. SW
A08501.000018	Page Avenue Site	Pickman 1984	Prehistoric buried evidence	1.30 mi. SE
NYSM 8490			Traces of occupation	1.31 mi S - 1.45 mi SE
NYSM 4604 ACP-RICH-14A	Sandy Brook	Parker 1922:682	Mid-Late Woodland, burials, traces of occupation	1.31-1.96 mi. NE
A08501.000019	Bedell Avenue Site	Pickman 1984	Prehistoric buried evidence	1.32 mi. SSE
A08501.000124	Clay Pit Road Site	Pickman 1986	Prehistoric	1.32 mi. NE

Site Number	Site Name	Recorder	Description	Distance
NYSM 748	Hollowell	Anderson, Howowell	Early & Middle Archaic, Kanawha, bifurcated pts.	1.33 mi SE
NYSM 767	Tottenville Campsite 4A: Campsite 4B	Yamin 1978	Camps	1.33 mi SE
A08501.000140	Tottenville	Kaeser 1966	Middle to Late Woodland, East River Cordmarked, hammerstone, debitage, bone & shell, side-notched drill	1.34 mi. SSE
A08501.002379	Woodvale-By-The-Sea	Pickman 1988	Prehistoric Camp	1.38 mi. SW
A08501.002380	Area B Woodvale-By-The-Sea	Pickman 1988	Camp	1.38 mi. SW
A08501.002376	Sprague Avenue Site	Roberts 1987	jasper, chert, quartz debitage, jasper scraper, FCR	1.41 mi. S
A08501.000118	T & J Site	Pickman 1986	Prehistoric	1.42 mi. NE
NYSM 8497			Village	1.43 mi. NE
NYSM 5702	New Site 2	Regenburg in Jacobson 1980	Early Woodland Historic midden	1.45 mi. NE
A08501.000123	Clay Pit Road Bluff North Site	Pickman 1986	Flakes, biface	1.46 mi. NE
A08501.000024	Pittsville Avenue Site	Pickman 1984	Prehistoric buried evidence	1.46 mi. SW
A08501.000121	Clay Pit Pond East Site	Pickman 1986	Prehistoric	1.51 mi. NE
NYSM 4623		Parker 1922:Pl. 211	Camp	1.52 mi. NE
A08501.000131	Junkyard Site	Pickman 1986	Prehistoric	1.52 mi. NE
A08501.002842	Billops Ridge Site	Saunders 2006	Early & Middle Woodland 3000-1000 B.P.	1.53 mi. SW
NYSM 8494			Traces of occupation	1.53-2.24 mi. N-NE
NYSM 4623		Parker 1922 Skinner	Village, camp	1.55 mi. NE

Site Number	Site Name	Recorder	Description	Distance
A08501.000023	Satterlee Street B Site	Pickman 1984	Prehistoric buried evidence	1.57 mi. SW
A08501.000017	Mount Loretto Site	Pickman 1984	Prehistoric buried evidence	1.58 mi. SE
A08501.000022	Satterlee Street A Site	Pickman 1984	Buried evidence	1.59 mi. SW
NYSM 5701	New Site 1	Regenburg in Jacobson 1980	Middle Woodland, flintknapping, limited function	1.63 mi. NE
A08501.000083	Winant Site	Pickman 1986	Flakes	1.63 mi. NE
NYSM 8489			Traces of occupation	1.63 mi. SE
NYSM 7272		Parker 1922	Traces of occupation	1.64 mi. NE
A08501.000120	Gericke Farm Site	Pickman 1986	Prehistoric	1.70 mi. NE
A08501.000030 (STD 1-3)	Ward's Point (Burial Ridge, Tottenville)	New York Archeological Council 1972	Archaic, Middle Woodland, Historic	1.71 mi. SW
NYSM 773	Rossville	Yamin 1978	Camp	1.77 mi. NE
A08501.002794	Bluebelt Prehistoric Site 1	Saunders 2003	Lithic workshop	1.78 mi. SSW
NYSM 8487			Shell middens	1.80-1.85 mi. S
NYSM 4609		Parker 1922 Skinner	Shell middens, grooved axe, burials	1.80-1.85 mi. S
NYSM 8192	Burial Ridge	Jacobson 1960 Skinner 1909	Village, cemetery, middens	1.80-1.85 mi. S
NYSM 8486			Camp	1.80-1.85 mi. S
NYSM 9295	Ward's Point	Ritchie, Anderson	Early Archaic, Kirk Stemmed, Lecroy, Kanawha pts., RC: 5310 & 6300 B.C.	1.80-1.85 mi. S
NYSM 4619		Parker 1922 Skinner	Camp	1.80-1.85 mi. S
NYSM 8485			Shell middens	1.80-1.85 mi. S
NYSM 742	Port Socony North	Salwen 1967 Sainz 1962	Paleo-Indian Fluted point Camp	1.81 mi. N
NYSM 4620		Parker 1922 Skinner	Camp	1.81 mi. SE

Site Number	Site Name	Recorder	Description	Distance
NYSM 8484			no info	1.81 mi. SE
NYSM 741	Red Bank Area	Salwen 1967 Skinner 1909	Camp, Traces of occupation	1.81 mi. SE
NYSM 742 Std. 18-3 SIAS 30-RIC-20-AJA	Port Socony North	Sainz 1962 Silver 1984	Paleo-Indian camp Late Archaic, Transitional	1.83 mi. NE
A08501.002569		Historical Perspectives 1996	Middle-Late Archaic, Woodland	1.84 mi. NE
NYSM 735	Wort Farm	Skinner 1910:10	Late Archaic/Late Woodland	1.91 mi. NE
A08501.000074 NYSM 739 30-RIC-16-AJA Std 22-3	Chemical Lane	Sainz 1967 Rubertone Salwen 1967 Anderson	Archaic & Woodland	1.94 mi. NE
NYSM 740	Sharrot Avenue	Salwen 1957, 1967 Skinner 1909	?	1.95 mi. SE
NYSM 7264		Parker 1922 Salwen 1967 Skinner 1909	Shell middens	1.95-2.0 mi. SE
NYSM 4621	Lemon Creek	Parker 1922:Pl.211	Traces of occupation	1.95-2.00 mi. SE
NYSM 7323	Chemical Lane Locus North	Salwen 1967 Anderson 1961	Late Archaic, Transitional, Perkiomen, Bare Island, Poplar Island pts, atlatl weights	2.0 mi. NE
NYSM 738 A08501.000075 Std 23-3 Staten Island Archaeological Society 30-RIC-16- AJA	Pottery Farm Site	Sainz 1967	Woodland	2.0 mi. NE
NYSM 4624 ACP-RICH		Parker 1922 Skinner	Archaic/Late Woodland, Camp	2.0-2.24 mi. NE
<i>Historic Sites</i>				
A08501.002627	Vessel 196	PanAmerican 1999	Wooden station car float	500 ft. S
A08501.002846	Van Allen Farmstead	Mackey 2007	Historic	2286 ft. N

Site Number	Site Name	Recorder	Description	Distance
A08501.002814			form missing	3170 ft. NE
A08501.000079	Anderson Brick Works Site	Pickman 1984	Historic structures	3250 ft. N
A08501.000029	Ellis Street Hotel Site	Pickman 1984	Historic	4500 ft. SW
A08501.000080	Dubois House	Pickman 1986	Historic	1.17 mi. NNE
A08501.002378	Salamander Court	Roberts 1988	Historic & Prehistoric	1.39 mi. NE
A08501.002376	Sprague Avenue Historic Site	Roberts 1987	Van Name family, constructed 1839-1852, ceramics, glass, iron, etc.	1.41 mi. S
A08501.000081	Liss House Site	Pickman 1986	Historic	1.52 mi. NE
A08501.002843	Fenceline Site	Saunders 2006	18 th century Thomas/Billopp 1781-1835 Ward 1835-? Grim	1.53 mi. SW
A08501.000082	Porzio House Site	Pickman 1986	Historic	1.53 mi. NE
A08501.002264	Pedro House Lot, SGS 6	Askins 1979	mid-19th century house	1.75 mi. NE
<i>National Register Listed</i>				
90NR00894	Kreischer House 4500 AK Road		mid-19th century house	2850 ft. N
94NR00526 A08501.000030	Ward's Site		Early Archaic	1.80-1.85 mi. S
90NR01033 A08501.002264	Pedro House Lot	Askins 1979	mid-19th century house	1.75 mi. NE
90NR01033 NYSM 747 A08501.002258 Std. 24-3	Sandy Ground Historic Archaeological District	Schuyler 1974	19 th century Free Black community (includes 51 individually listed historic sites)	1.66 mi. NE
<i>Cultural Resource Surveys</i>				
	New York Harbor	PanAmerican 1999	collection & drift removal	includes waters off project area
	New York Harbor	Raber 1996	collection & drift removal	includes waters off project area

Site Number	Site Name	Recorder	Description	Distance
	Allentown Lane	Boesch 2007	Phase 1B, no sites	north side of Outerbridge Crossing
	Block 7580, Bank Branch	CRCG 2006	Phase 1B, no sites	one block east along Richmond Valley Road
	Gateway Cathedral	Louis Berger 1990	Stage 1, no sites eligible	1900 ft. E
	Bricktown Centre	John Milner Associates	Phase 1B/2	2100 ft. NE
	Van Allen Farmstead, Price Prehistoric Site	URS Corporation 2005	Phase 3 data recovery	1700 ft. N
	Totten's Landing	Key Perspectives 1988	Phase 1, no sites	2400 ft. SW
	Page & Giegerich Avenue, Block 7792	Loorya & Ricciardi 2005	Phase 1, no significance	3300 ft. SE
	Honey Blossom Development	Greenhouse Consultants 1987	Stage 1B, 1 Jack's Reef Corner-Notched point, 19 th & 20 th century artifacts, no significance	4700 ft. SSE
	Chateau Du Bois	Louis Berger 1987 Greenhouse Consultants 1987 Greenhouse Consultants 2004	Phase 1B, no sites	1 block east
	Oakwood Beach Water Pollution Control Project	Pickman & Yamin 1984	Phase 1 - 13 areas with historic/prehistoric potential	Hylan Blvd/Richmond Ave. to Arthur Kill Rd/Kreischer St.

A total of 76 known prehistoric sites lie within a two mile radius of the project area. Two of these sites are marked on site file maps as being within the current project area. These sites are: NYSM 4606/ACP-RICH-16A and NYSM 8493 ACP-RICH-16B. They are described as early shell middens and camps. The sites lying within two miles of the project area include all known prehistoric cultural periods, from Paleo-Indian (NYSM 742, NYSM 743), Early and Middle Archaic (NYSM 9295, NYSM 748), Late Archaic, and Woodland periods. The southwestern portion of Staten Island is rich in prehistoric archaeological sites.

There are twelve historic archaeological sites within a two mile radius of the project area. The nearest site is A08501.002627, Vessel 196, a wooden station car float, located 500 feet south of the project area. The Van Allen Farmstead, A08501.002846 is located 2200 feet north.

Four National Register Listed properties are within a one mile radius of the project area. These include the Kreischer House, lying north of the project area along Arthur Kill Road, Ward's Site/Point, a prehistoric site, and the Sandy Ground Historic Archaeological District, which includes the Pedro House and 50 other individually listed sites.

Twelve professionally conducted archaeological surveys have been conducted within a one mile radius of the project area. The most productive was a Stage 3 data recovery by URS Corporation 2005 at the Van Allen Farmstead and, Price Prehistoric Site, 1700 feet north of the current project area.

HISTORIC SENSITIVITY

The Waterfront Commons project area is located on the north side of Mill Creek across from Tottenville, Staten Island. Its western boundary is the Arthur Kill. In 1626 Staten Island was bought by the Director of the Dutch West India Company from Native Americans. The British won control of the colony of Nieuw Amsterdam in 1664. Governor Lovelace made the final purchase of Staten Island from Native Americans in 1670. Lovelace created two towns: Old Dorp and New Dorp, and granted patents to several people. The Governor Dongan divided New York into counties, with Staten Island designated as Richmond County. In March 1688 Richmond County was partitioned into four towns: Castletown, Northfield, Southfield, and Westfield, which includes the project area (Historical Records Survey 1942, Bayles 1887).

Captain Christopher Billop secured Staten Island for the colony of New York in 1668 (Morris 1898). Billop was granted land in the southwestern part of Staten Island, which he named the *Manor of Bentley* after his ship. The grant started at 1163 acres (470.65 hectares) in 1676 and ranged up to 1600 acres (647.50 hectares) over time by 1687 (Leng and Davis 1930, Bayles 1887). Billop started a ferry operation running to Perth Amboy in 1700. The Billop family owned the manor, which included the southern edge of the project area, until the Revolutionary War when Colonel Christopher Billop attempted to sell off the land in 1780, a going-away sale, since Billop was a loyalist. The Commissioners of Forfeitures confiscated the manor, voided some of the sales, and resold the land (Morris 1898, Bayles 1887).

Immediately north of the Billop portion of the project area, Anthony Fountaine received a tract of land on November 30, 1685. The next tract north was 85¼ acres (34.5 hectares) granted to Matthew Lorne on December 23, 1685. Mark (Marcus) Dosochoy and Paulus Richards received a tract of land on September 27, 1694 for 255¾ acres (103.5 hectares). The Dosochoy/Disosway/DuSecoy family were French Huguenots, along with the Fountain family, both leaving France before the Edict of Nantes in 1685 (Clute 1877). Appendix 1 is a chain of title constructed for the blocks and lots of the project area. The Disosway and Cole families controlled portions of the project area for well over 200 years. The Coles arrived at Staten Island sometime during the seventeenth century and became prominent in the Tottenville area.

By the close of the eighteenth century, approximately 1158 people, including 267 slaves, populated the town of Westfield (Bayles 1887). Settlement grew around Billop's ferry landing, in what would become Tottenville. The nineteenth century saw development of the water resources of southwestern Staten Island. Fishing, the oyster trade, shipbuilding, and functioning as a transportation hub, enabled the community to grow. The Staten Island Railroad to Tottenville was completed by 1860, further enhancing the complex of ferries and railroads. The grist mill, that was located on the southernmost part of the project area, was founded in 1700 by Cornelius Disosway, and was the only mill to serve Tottenville for a 200 year period. By the late nineteenth century, it had also become a saw mill, for the ship building and carpentry industry in the area (Clute 1877, Joline 1950, Mangino 2000). As the importance and influence of the Totten family grew, the name was changed from Bentley to Tottenville.

The construction of the Outerbridge Crossing at the northern end of the project area was the culmination of years of planning for a bridge between Staten Island and New Jersey. The creation of a bi-state agency, The Port Authority of New York and New Jersey, enabled coordination between the two states. John Waddell was the engineer who built the cantilevered bridge that is 135 feet (41.15m) in height at mid-span, and has a total length of 10,800 feet (3291.8m). It was opened to traffic on June 29, 1928. The bridge was named after Eugenius Outerbridge, the first chairman of the Port Authority.

Through a review of the historic maps of the project area, the function of the southern portion of the project was primarily industrial, while the northern portion served as residential and agricultural. The northern portion of the project area had at least one house since early in the eighteenth century.

Figure 3 shows the location of the project area on the Colonial Land Patents drawn up by Skene in 1907. This map shows the northern boundary of Billop's manor as part of the southernmost portion of the project area, with Fountaine's and Lorne's patents comprising the rest of the project area.

Figure 4 is from the 1781 Skinner and Taylor map. This particular document shows nothing illustrated within the project area, except for the road swinging through it. There is no bridge over what is now Weir's Mill Creek.

Figure 5 is from Plan No. 31 du Camp Anglo-Hessois dans Staten Island, 1780-1783. The mill is illustrated in the southwestern corner of the project area. The Disosways own the project area and land, including structures, north of the project. A road swings through it.

Figure 6 is from McMillen's 1933, *A Map of Staten Island During the Revolution, 1775-1783* which was compiled from three Revolutionary era maps: the Taylor & Skinner Map-1781, Plan No 31 du Camp Anglo-Hessois dans Staten Island de 1780 a 1783, and The Hessian Map, 1777. Dusaway's mill is shown further east, away from the Arthur Kill. The Dusaways own the property and structures extending north from Mill Creek.

Figure 7 is taken from the 1844 Smith map. One structure appears to be located in the southern portion of the project area. No ownership is indicated on this map.

Figure 8 is from the 1845 United States Coast Survey. Three structures are depicted in the southern portion of the project area, on the north side of what is now known as Weir's Mill Creek. Three other structures are shown much further north in the project area; all three appear on high ground near tidal flats. Open fields and tidal flats are depicted within the project area.

Figure 9 is taken from the 1853 Butler map. An unknown structure lies in the northernmost part of the project area. Mrs. Dissosway has a structure in the middle of the project area. The grist mill lies on the south side of the road with possibly two piers shown at the southwestern corner of the project area.

Before 1850, Arthur Kill Road wound through the project area "... along the beach from Kreischersville to the Mill Creek where it joined the Richmond Valley Road. About this time the road was altered to run directly over the elevation which stretches west of Kreischersville down to the creek. It crossed over a causeway built over the creek, thus shortening by more than a mile the trip to and from Tottenville" (McMillen 1951:25).

Figure 10 is from the 1866 Coast Survey. One structure is shown in the middle of the project area. Three buildings, presumably the mill and associated structures are immediately to the southwest. On Arthur Kill Road, a house is shown near the north end of the southeastern area. Tidal flats and open fields are depicted within the rest of the project area.

Figure 11 is from the 1872 Dripps map. The saw mill owned by Weir is in the southernmost portion of the project area. It appears that a dam next to the mill left some distance of land between the mill pond and the Arthur Kill. A. Cole & Sons, Lumber and Coal own the next strip of land, which is undeveloped. Dissoway owns the next strip, with a structure on the property. Totten owns the northernmost strip, with a structure on the property.

Figure 12 is from the 1874 Beers Atlas. Mrs. Totten owns 8 acres (3.24 hectares) in the northern part of the project area, and has a house located on her property. D. Dissoway owns the middle 5 acres (2.02 hectares) of the project area, and his residence is located east of the project area boundary. A. Cole and the Cole Brothers lumber, wood and coal company own the southern part of the project area. A. Cole's house is located in the southeast end of the project area. The lumber and mill company has three structures located in the southern part of the project area, and the pond appears for the first time behind the three structures on a map. Richmond Valley Road extends into the project area, and the road separates the Cole Brothers from the W. Weir property. The road extends northward, on the east side of the pond through Dissoway's property and ends in Mrs. Totten's property. A structure belonging to W. Weir lies southeast of the project area and the Richmond Valley Road extension. Weir's Grist and Saw Mill lie south of the Cole Brothers structures in the project area.

Figure 13 is from the 1887 Beers atlas. Mrs. Totten's eight acres and structure are in the northern part of the project area. D.W. Dissoway's five acres and structure lie in the middle section. The A. Cole estate, structure and an office are lie to the southeast. The Cole Brothers Lumber, Coal and Wood Yard, along with associated structures and pond lie in the southwestern corner of the project area. Weir Grist & Saw Mill lies clumped with the Cole structures shown in the 1874 Beers Atlas. The estate of W. Weir lies to the southeast of the project area. The Richmond Valley Road extension enters the project area with one branch swinging around the W. Weir estate and the other branch trending northward on the eastern side of the pond to Mrs. Totten's house, and the extending further into the estate of DuBois.

Figure 14 is taken from the 1890 Vermuele and Bien map. Property ownership is not indicated. In the northern part of the project area, Mrs. Totten's structure and associated drive are still shown. The Dissoway property appears divided into three sections. The western portion of the Dissoway property has a structure within the

project area. Three structures lie east of the project area boundary on two lots. The pond still exists, but the tidal flats appear greater in surficial extent than previous maps. About five Cole structures still stand in the southern portion of the project area. The Weir mill buildings are shown just to the south.

Figure 15 is from the 1891 U.S.G.S. 15 minute *Staten Island, N.Y.* quadrangle, surveyed in 1888 and 1889. The structure in Mrs. Totten's area still stands. There are five structures in the Cole/Weir southern portion of the project area. The pond is not depicted. The Richmond Valley Road extension enters the project area and turns northwest towards the structure in the northern part of the project area. Extensive tidal flats are shown in the western portion of the project area.

Figure 16 is from the 1898 Robinson atlas. Col. Starr owns the 8 acres formerly belonging to Mrs. Totten in the north. Two structures and the drive to Arthur Kill are apparent. D.W. Dissosway owns 5 acres in the center with three structures to the east of the project area boundary, along Arthur Kill Road. The A. Cole estate has one structure along Arthur Kill Road and an office to the southwest. The pond exists along the Cole Bros. Coal and Lumber and their seven structures. The Richmond Valley Road extension enters the project area as previously. The Weir estate with three structures and the mill, lie southeast of the project area.

Figure 17 is taken from the 1898 U.S.G.S. 15 minute *Staten Island, N.Y.* quadrangle, surveyed in 1888, 1889 and 1897. The Starr/Totten structure is illustrated. The Dissosway and A. Cole structures are also illustrated. Three structures stand in the Weir estate area. Three structures are present in the Cole Brothers Coal and Lumber area. The Richmond Valley Road extension is illustrated and branches northwestward into the tidal flat and the Arthur Kill.

In 1900 Weir's grist and saw mills were still standing, but were not working. By this time, the water wheel had been replaced by a turbine. Shortly after 1900 the water mill was razed (McMillen 1951).

The 1907 Robinson atlas shows the addition of a small house owned by Mary F. Hilliard on a small lot at the northwest corner of Arthur Kill Road and Richmond Valley Road. The same house in 1917 had a small garage added (Robinson 1907, Sanborn 1917a, 1917b).

Figure 18 is taken from the 1913 Richmond Topographical Survey. The northern portion of the project area is depicted as wooded and thick undergrowth. A stream flows from east to west. The dirt road to the Starr/Totten house exists along with a subsidiary structure. The Dissosway estate shows cultivated fields within the project area, with drains. Seven structures associated with the Dissosway property extend from Arthur Kill Road, east of the project area boundary. The A. Cole property shows the house along Arthur Kill Road, a gravel drive leading to two ancillary structures and an orchard behind the house. The pond still exists behind the Dissosway and A. Cole properties. A wooden dock lies at the southwest corner of the project area with a line of spikes extending inland, which still exist. Wooden bulkheads line the Mill Creek. A water grant has been made to Souther Ship Building Company. At the location of the former Cole Brothers Lumber and Coal property, a two-story frame mill and five other structures exist. Three structures line the dirt road extension of Richmond Valley Road. The former W. Weir estate residence lies south of a cultivated field. Marsh borders the western side of the project area.

Figure 19 is from the 1917 Bromley atlas. George H. Starr now owns twelve acres. The Totten/Starr house is still present with its dirt drive. The east-west stream is shown in the northern portion of the project area. Daniel W. Dissosway still owns the middle section of the project area, with structures lying along Arthur Kill Road, and one structure near the western boundary of the project area. Mary C. Hilliard now owns the former A. Cole estate. Southern Shipping Company occupies the former Cole Brothers Lumber and Coal Yard. The pond still exists, and Southern Shipping has eight structures. The wooden dock is not shown. The Richmond Valley Road extension branches at the corner of the Southern Shipping Company and Hilliard's residence. It is not shown extending through the Dissosway and into the Starr properties.

Figure 20 is thought to be a revision that dates to sometime after 1917, this Sanborn map has been revised to show the Moran Towing and Transportation Complex at the west end of Richmond Valley Road (Sanborn 1917a). A later revision to the 1917 Sanborn fire insurance map shows the project area following the relocation of the Moran Towing & Transportation Company (Sanborn 1917b).

Figure 21 is from the 1924 aerial survey atlas conducted by the New York City Bureau of Engineering. The east-west creek is shown in the northern section of the project area, and is wooded. The Starr/Totten house, with its driveway is visible. The

Dissosway property has structures near Arthur Kill Road. The pond is visible, along with structures at its southern end. The Richmond Valley Road extension travels to the large wooden dock at the southwestern corner of the project area. Three to four barges are apparent.

In 1951, "... at low tide the remains of the mill dam, tide gate, and foundations of the old mill can still be discerned, approximately 150' west of the Arthur Kill Road on the north bank of the creek which crosses the Arthur Kill Road near this point. At the threshold of a house near by one of the old millstones now serves another purpose as a doorstep" (McMillen 1951:25).

In summary, the project area has been a busy place for the past 300 years. The northern and central portions of the project area appear to have served as residential areas for the Tottens and Starrs and for the Dissosways. The southern part of the project area served industrial purposes, as a mill that Dissosway founded in 1700 until two hundred years later, and as part of the Cole Brothers lumber, wood and coal yard. The Southern Shipping Company occupied the Cole Brothers location in the early twentieth century. The Dissosways and Coles were colonial patent holders from the late seventeenth century. The evidence from historical maps for the location of structures is approximate. The 1913 Borough of Richmond topographical survey and the 1924 Bureau of Engineering survey are the most accurate. The Totten/Starr residence is consistent on the maps. The pond appears and disappears, sometimes within the same year. The depiction of the Arthur Kill and the Mill Creek often change. The mill wanders along the Mill Creek. The remnants of the dock are still present, along with the line of spikes. The creek in the north, along with the dense underbrush and woods are also still present. The location of the pond is the flat expanse in the southern portion of the project area today.

Map Designated Structures and History

Map Designated Structures are discussed in this section.

1. *unlabeled structure in north end (US Coast 1845, Butler 1853)*

There is an unlabeled building in the north end of the project area on two mid-nineteenth century maps (US Coast 1845; Butler 1853; see Figures 8 and 9). This structure is in the west end of Area 1 or Area 5.

2. *Mrs. Dissoway (Butler 1853), unlabeled (US Coast Survey 1866), Totten (Dribbs 1872), Mrs. Totten (Beers 1874), Mrs. S. Totten (Beers 1887), Mrs. Sallie A. Totten (Standard Directory 1893), Col. Starr (Robinson 1898), George H. Starr (Robinson 1907, Bromley 1917), Dissosway House (Davis 1920 photographs), (Shepherd 2008:36). - with barn (Davis 1920:WTD 3551)*

This structure is located behind the medical complex parking lots in a wooded location within Area 5.

A home belonging to Mrs. Dissosway is shown on the east side of the north/south road closest to the water (presumably Broadway/Arthur Kill Road or an earlier, more eastern road (Butler 1853). Like all the buildings on the Coastal Survey (1866) map (see Figure 10) the house in the north end of the project area is not labeled (Dribbs 1872; Beers 1874; see Figures 11 and 12).

The 1872 map shows the former Dissosway house as the Totten home, while an 1874 map is labeled Mrs. Totten and the 1887 map is labeled Mrs. S. Totten (Dribbs 1872; Beers 1874, 1887; see Figures 11 to 13). From the 1893 directory, we know that Mrs. Sallie A. Totten lived on Broadway. Her property included 8 acres (Beers 1887; *Standard Directory* 1893; see Figure 17). In 1907 her road was called Riverside, in 1911 it was Broadway, a 1913 map shows it as Fresh Kills, but by 1917 it became Arthur Kill Road in the project area vicinity (Robinson 1907; Borough 1913; Bromley 1917; see Figure 19; Merlis and Stonehill 2002:128).

As the Totten family grew to prominence, the area formerly called Bentley was changed to Tottenville in the 1860s. The Totten family was one of the oldest families on the south shore of Staten Island (Bayles 1887:583-584; Clute 1877:427-428; Wager 1935; Joline 1950). They settled in Staten Island beginning in the late eighteenth century and owned considerable property including Totten's General Store and Totten's Landing (Joline 1950:8; Shepherd 2008:42-47).

By 1898, the house was owned by Col. Starr. Later maps list the owner as George H. Starr (Robinson 1898, 1907; Bromley 1917; see Figures 16 and 19). The house was depicted in the 1917 fire insurance map, (Sanborn 1917a, 1917b; see Figure 20).

Staten Island historian William T. Davis (WTD) did a photographic documentation of the empty house in 1920 (Shepherd 2008:36). There were a series of eight black and white photos by Davis of the interior and exterior of the building. He posed an elderly couple, perhaps the Starrs, in front of the house (Davis 1920; see Figures 22 to 26).

WTD 3551 is captioned *Disosway House near Kreischerville, S.I., N.Y., April 22, 1920*. It shows a man and woman standing in front of the house. It has four windows and a central doorway on the ground floor and three small windows projecting through the roof. The front porch is supported by 6 columns, 5 of which are shown. There is a two-story high, frame outbuilding partially shown on the right. It has horizontal wood siding and is likely a barn or shed. Only two trees are shown, most of the area is devoid of any vegetation (see Figure 22).

WTD 3555 is entitled *Disosway House near Kreischerville, Staten Is'd, N.Y., April 22, 1920*. It shows the top of a stairway with a wooden railing supported by narrow spindles. The room has flowered wallpaper. A circular mark might be an old stove flue. A vacant room is partially seen through a doorway on the right, with a single 3 over 3 window illuminating the photo. The floors are wide wooden planks.

WTD 3556 is marked *Disosway House S.I., IV. 22, 1920, near Kreischerville, S.I., N.Y.* and shows the corner of a vacant room on the upper story of the house. There are two windows, a 6 over 6 window on the right is flanked by horizontal segments of a massive beam. This is likely the northwest corner of the second story of the main house (see Figure 23).

WTD 3557 *Disosway House near Kreischerville, Staten Island, April 22, 1920* is a detail photo of the 6 over 6 window shown in WTD3556. It is a black and white copy negative and is underexposed.

WTD 3558 was published in *Tottenville: The Town the Oyster Built. - "Figure 17. Dissosway House, Richmond Valley. Photograph by William T. Davis, April 22, 1920. Collection of the Staten Island Museum, William T, Davis Collection, 3558, This View shows the back of the house looking toward the Arthur Kill* (Shepherd 2008:36). This photograph was "flopped", that is printed backwards (compare with WTD 3560). As shown in other photos and fire insurance maps, the addition was on the north side of the building, not the south as it is shown in this print (Sanborn 1917a, 1917b). The house appears to have been built in at least three episodes. The main section was probably a five bay, center hall, two-story house. There are two chimneys in the whitewashed main section, one on the north end, and another within the south part. A one and one-half story, two bay addition was put on the east side. A dirt path winds by the old house (see Figure 24).

WTD 3559 is marked *Old Disosway House, S.I., N.Y. near Kreischerville, April 20, 1920*. It is an interior photograph showing a 6 over 6 window on the right (presumably the one in 3556 and 3557). This is on the north side of the building. On the left is what may be a blocked off fireplace with a simple wooden mantel.

WTD 3560 is inscribed *Disosway House near Kreischerville, Staten Island, N.Y., April 22, 1920*. It also shows the rear of the house. It appears to face northeast. The view is to the northeast. The gable end of the original house has one window on the ground floor and two on the second. The

porch on this section has two asymmetrical windows and what appear to be open Bilco doors leading to a cellar. The one and one-half story addition has a single 6 over 6 window upstairs on the gable end, with a single, shuttered window downstairs. The south side of the addition has a pair of 6 over 6 windows downstairs and a pair of eyebrow windows upstairs. What appears to be a well pump is shown in the left foreground, southeast of the house (see Figure 25).

WTD 3637, marked *Disosway House near Kreischerville, S.I., N.Y., April 22, 1920*, shows the front (west) side of the house including the porch, which appears to be supported by large boulders (see Figure 26).

Two different revised versions of the 1917 Sanborn map both have the Disosway/Totten/Starr house taped over, indicating it was removed sometime after 1917. Under this tape, one version also showed a small outbuilding about 100 feet (30.48m) northeast of the house, which is also shown on the 1907 map and the other 1917 map (Robinson 1907; Sanborn 1917a, 1917b; Bromley 1917; see Figures 19 and 20).

“(T)he Disosway mansion was one of the old structures of Westfield, demolished in building the approach to the bridge” (Leng and Davis 1930: 889). The Outerbridge Crossing was completed in 1928.

- 2a) *1-story dwelling (Borough of Richmond 1913; Bromley 1917; Sanborn 1917a, 1917b)*

About 200 feet (60.96m) northeast of the Disosway/Totten/Starr House was a small, one-story dwelling. It is shown in 1913 and 1917 maps, and survived several revisions of the 1917 Sanborn maps (Borough of Richmond 1913; Bromley 1917; Sanborn 1917a, 1917b; see Figures 18 to 20).

- 3a) *Dissosway Mill (Joline 1950), Disosway's Mill (McMillen 1951), (Weir?) Sawmill (Dropps 1872), Old Weir Mill-1892 (Shepherd 2008:36)*

Cornelius Dissosway advertised his “newly repaired” mills on Mill Creek in 1772 (Bayles 1887; McMillen 1951:25). The mill was considered a notable local landmark. A 1778 deed (Liber G Page 1) records a property on the road to Dissosway’s Mill (Shepherd 2008:34-35). The French Map (*Plan No. 31* 1780-1783) shows what looks like a tidal *Mill* located in about the same location as the later Weir/Cole tide mill (see Figure 5). Early in the 1800s, Dissosway’s Mill was owned by members of the locally prominent Butler family (Shepherd 2008:37; McMillen 1951:25-26). The Dissosway Mill was apparently owned by the Weir Family for most of the nineteenth century (Joline 1950:5, 49).

The old Weir Mill is in the foreground and the Cole Brothers coal and lumberyard is in the rear of a photograph first published in *Tottenville in Retrospect* (Joline 1950:49).

The Old Weir Mill

When this picture was taken (1892), the old mill, altho (sp.) somewhat enfeebled, was still turning. Its owner Matthew Weir performed all the offices of skill and responsibility required for its operation. His death occurred soon after this time, leaving the ancient landmark to time and decay.

Cole Brothers

In the distance may be seen a part of their coal and lumber yard. A study of the photograph reveals the result of the morning’s work. The canal boat, now empty, rides high and its cargo of coal lies in heaps on the dock. Freemont Decker is still standing atop the pile, where he was stationed to stop the full bucket when it came within his reach. The “Fannie J.” is fastened to the coal barge (Joline 1950; photo reprinted in Shepherd 2008:36; see Figure 27)

Another view of the “Dissosway-Cole Mill, Tottenville,” but is clearly the same tide mill, was published in *Staten Island and Its People, A History 1609-1929* (Leng and Davis 1930; Figure 28). This Tide Mill is called “Dissosway’s or Weir’s Mill” elsewhere in the book (Leng and Davis 1930:611) and Dissosway’s Mill by other experts (McMillen n.d., 1951).

“The forfeiture of the Billop estate opened up all the southwestern end of the Island with the interesting consequences that the gristmill on the Fresh Kill which had served the needs of the farmers of Green Ridge and Smoking Point was no longer centrally located and as a result, about 1800 Cornelius Dissosway built a new mill on Weir’s Creek. The preservation in the library of Cornelius G. Kolff of Dissosway’s receipt book enables us to copy some of the items of cost in building that mill as follows:

June 9, 1800, Abraham Miller, work done on the mill
Jan 12, 1802, Daniel Mellon, work done on the mill
Mch. 26, 1802, Jacob Winant, 1000 shingles
Sep. 29, 1802, Abraham Woglom, “Hire of a scow when we built the mill dam”
Nov. 23, 1802, Lewis Johnson, work done on the mill
Nov. 26, 1802, Thomas Avorn, 2500 hard brick and 400 soft brick
Feb. 22, 1803, William Wood, floodgates and putting in cogs
Mch. 14, 1803, William Skinner, work on new mill house
June 17, 1803, Joseph Wright, plank bought for the mill
Dec. 9, 1803, William Skinner, work done on flood gates
Apl. 14, 1806, Isaac Butler, for rum he had for building the mill (Leng and Davis 1930: 209).

Dissosway’s receipts for interest and principal show that he used loans to finance the venture. Miscellaneous receipts add insights into Dissosway’s life. In 1802 he paid one pound four shillings for “Schooling of Gabriel.” Another receipt from 1802 was for one pound ten shilling to inoculate three unnamed black children. In 1815, he paid six dollars seventeen shillings for “one Quarters tuition to Susan, Peter and Gabriel Dissosway” (Leng and Davis 1930: 209).

Elsewhere in their publication, Leng and Davis credit Edward Weir (c1776 – 1858) of Dalkeith, Scotland with building Weir’s Mill starting in 1800. His wife Deborah was born around 1784 and died in 1860 (Leng and Davis 1930: 973). It may be that Edward Weir built the mill, but it was initially owned by the Dissosways. Around the Revolutionary War it was owned by Dissosway but operated by Gilbert Jackson, his wife, and a black male.

In 1786 Cornelius Disosway left the mill to his sons Cornelius and Israel. By 1803 it was under the control of Cornelius (McMillen 1951:26-27). In the 1890s, Matthew Weir was the long-time owner operator of the mill on Weir's Creek (Joline 1950).

'The story of Tide Mills which have existed since 1672 on Staten Island constitutes an interesting subject which, however, it is difficult to trace completely. From "Staten Island Names, Ye Olde Names and Nicknames" the following may be identified: Palmer's, Dongran's, or in more recent times, Bodine's Mill on the north shore between West New Brighton and Port Richmond; Mersereau's or Charles Woods, or Olds Place Mill on Old Place Creek at the end of Washington Avenue; Jesse Bedell's Mill at the confluence of Wagner's Creek with the Fresh Kill; Micheau's or Bedell's Mill on the Fresh Kill near Richmond Avenue; Crocheron's or Geib's Mill at the head of Fresh Kill near Richmond; Dissosway's or Weir's Mill on the Arthur Kill near Tottenville; Lake's Mill at the head of Great Kills reach by the Mill Road;..." (Leng and Davis 1930: 610-611). The date of erection is not known. It was the only water powered grist mill ever to serve western Staten Island. A custom mill, because it was conveniently located on the Arthur Kill, it serviced a wide area (McMillen 1951:25-26).

- 3b) *A. Cole and Sons, Lumber and Coal (Dripps 1872), Cole Bros. Lumber (Beers 1874), Cole Bros. Lumber Yard (Beers 1887), Cole Bros. (Jacob W., John T., and Abram) (Standard Directory 1893), Cole Bros. coal and lumber (James T., Jacob W., and Abram) (Standard Directory 1897, Cole Bros. Coal and Lumber (Robinson 1898), Mill (Richmond 1913), Southern Shipping Co. (Bromley 1917), Moran Towing and Transportation (Sanborn 1917a)*

The progenitor of the Cole family in Staten Island was Abraham Cool or Cole who bought land and cattle in 1683. He received a land grant in the Westfield section in 1685. The Cole family has contributed many people important in Staten Island history, as detailed in Clute (1877:356-357) (Leng and Davis 1930: 877; see also Bayles 1887:513-515). Abraham Cole was the son of a sea-captain from Woodrow, Staten Island. After a career at sea, he established the coal and lumber business that would be continued by his sons. His wife was Ann M. Disosway, daughter of Cornelius. Their children included Cornelius (married to Harriet K. Robinson) and Jacob (Bayles 1887:514-515). There were four successive generations of Cole men named Abram. It was the third Abram Cole who

founded the lumber and coal business in the project area in 1857. When he passed on in 1876, the business went to his three sons, Abram (IV), Jacob W. and James. Abram Cole (IV) was a noted Republican town official, serving for three years as Town Clerk and six years as Town Supervisor. In 1893 he was the youngest Supervisor ever, and the only Republican, giving him the nickname of “lone star.” He was married Blanche Martin of Tottenville and had two sons, Ralph M. (born circa 1883 and Chester A. (born circa 1883) (A.V. Hubbell 1893).

The 1893 directory lists the Cole Bros. lumber dealers as Jacob W., John T., and Abram. Abram and Jacob W. are (residing?) at Riverside, while John T. is at Mill road (*The Standard Directory* 1893:251-252). The subsequent directory listed Abram, James T. (instead of John T.), and Jacob W. Cole with Cole Bros. coal and lumber dealers on Mill Road, Richmond Valley, Tottenville Post Office. James T. and Jacob W. are individually listed at that address, while Abram is listed at Riverside Ave (*The Standard* 1897).

One 1917 map shows a complex of buildings at the end of Richmond Valley Road. They are owned by the Southern Shipping Company (Bromley 1917; see Figure 19). At this time the building, towing, and repair of ships was the largest industry in the Tottenville area.

The early fire insurance maps do not cover this part of Staten Island (Sanborn 1878, 1885). On the 1917 Sanborn, Plate 162 covers all the project area, except, perhaps the northern edge. There are two distinct versions of this map at the History Archives of the Staten Island Museum. Both have been updated, one appears to have had buildings added and then covered over. The version of the map thought to be earlier is designated 1917a. On the south end, it shows a complex of buildings marked *MORAN TOWING & TRANSPORTATION CO. BOAT REPAIRS, WATCHMAN, NO CLOCK*. A small private road snakes its way down to the site, which is supplied by an eight inch water pipe running parallel to Richmond Valley Road. The business has a large two-story frame building marked “ENG.”, located about 450 feet (137.16m) west of Arthur Kill Road. Further west is a very small 1 ½ story building of unknown use.

Just east of the ENG. building is a small two story office and a small, unusual building marked “NOT USED” (see Figure 20). These two small buildings appear to be left over from the Cole Mill (Borough 1913; see Figure 19). Further east, about 250 feet (76.2m) from Arthur Kill Road is a small office building with scales. About 150 feet (45.7m) west of the road is a small two story dwelling. On the east is a one story addition, presumably a front porch. On the west is a one story addition (Sanborn 1917a:162; see Figure 20).

The second version of the 1917 Sanborn Fire Insurance map has taped over the Moran Towing complex. Beneath this cover the words “NOT IN OPERATION” can be seen. This indicates that this version was revised at least twice. Most of the buildings are removed (taped over) with only the now vacant two story office and office with scales remaining (Sanborn 1917b).

The Moran Towing Company began with a single tugboat in New York City in 1860. It became the largest operator at this port and throughout the east coast (Moran 2009).

By 1941, all major buildings had been removed from the project area, since there were no photos taken by the WPA for the Tax records (WPA 1941).

In conjunction with the construction of Route 440 to the north, large amounts of fill were added to the south end of the project area.

- 4) *About 150 feet west of Arthur Kill Road along the extension of Richmond Valley Road is a small 2 story dwelling. On the east is a 1-story addition, presumably a front porch. On the west is a 1-story addition, presumably a shed (Sanborn 1917a)*

This structure is located in Area 2 and the house is shown on Figure 20.

- 5) *Large house on Arthur Kill Road well north of Richmond Valley Road. A Cole (Beers 1874), A Cole Estate (Beers 1887), A Cole Estate (Robinson 1898),*

unlabeled house and gravel driveway (Richmond 1913), Mary F. Hilliard (Robinson 1907), (Bromley 1917), unlabeled main house and small dwelling with garage on south end of tract near Richmond Valley Road (Sanborn 1917a)

This house and brick driveway, known as 4927 Arthur Kill Road, is the only standing structure on the project property. It is in Area 7. It is seen in Figures 12 to 20.

- 6) *Small house immediately northwest of the intersection of Arthur Kill Road and Richmond Valley Road extension. Mary F. Hilliard (#40) (Robinson 1907), unlabeled house and garage (Sanborn 1917b)*

The ruins of the Mary Hilliard house lie in the southeast corner of the property, in Area 7.

SENSITIVITY EVALUATION RECOMMENDATIONS

This sensitivity study has evaluated the Waterfront Commons project area. The project area may potentially preserve evidence of prehistoric use in its northern portion. The tract north of the historic location of the Totten/Starr house appears to have been unused, other than for residential purposes. The location of the east-west creek would provide an ideal situation for prehistoric inhabitants to approach the Arthur Kill. The northernmost section, bordering the Outerbridge Crossing, probably has been too disturbed for evidence of prehistoric activity to remain *in situ*. The western section of the former Dissosway property, behind the current plaza may also potentially have evidence of prehistoric activity. The southern end of the project area has had industrial activity over the past three hundred years, so the probability of *in situ* prehistoric activities are low.

The project area may potentially preserve subsurface evidence of historic activity in two places. The Totten/Starr residence in the northern section may still contain intact features. The Totten family appears a century after the Dissosways and Coles, circa 1765 in Staten Island records. Their association with the area grew in importance, until Tottenville was renamed in their honor. The residential use of the central section of the project area by the Dissosways, lies east of the project area boundary. In the southern part of the project area, industrial archaeology is a potential probability. The presence of a saw mill, started by the Dissosway family in 1700, was the only grist mill serving the Tottenville area for 200 years. The Cole Brothers lumber, coal and wood yard also occupied the southern portion of the project area.

Phase 1B testing of the project area is recommended before the initiation of construction in order to evaluate the subsurface of the project area for prehistoric and historic potential.

FIELD INVESTIGATIONS

Phase 1B fieldwork was initially carried out between October 20 and December 5, 2008. Additional testing took place between July and December, 2013. The first pedestrian reconnaissance revealed a variety of challenges including thick vegetation and fill. The vicinity of the southeast end of the property had changed considerably since Greenhouse Consultants conducted the first walkover survey in December, 2007. In the Fall of 2008, a construction company started a project to clean-up mud along the shores of Weir's Mill Creek. They established a headquarters, staging areas, and haul roads in and around the southeast corner of the project area. Remains of a possible cover structure along the former mill raceway that was photographed in 2007 was removed 2008 (see Photo 8).

The Waterfront Commons project was subdivided into test Areas 1 through 7. Independent grids were established in each Area. Grids were typically aligned with previously mapped linear features, like roads and fences (Figures 30 to 41). All measurements used the metric system. Phase 1B pedestrian reconnaissance survey looked for anomalies and artifacts exposed on the surface. This included soils exposed in trails, tree falls, rodent burrows and eroded areas.

Shovel tests were excavated at 15 meter (50 ft) intervals; each shovel test was assigned grid coordinates. In part of Area 1, where artifacts were found in adjacent 15m shovel tests, a 5m (17 ft) grid was used. In this case, the expanded grid tried to determine site limits by expanding the grid until two shovel tests in a row without artifacts were completed. An additional 194 supplemental shovel tests were dug in Area 1. In Area 2, where a lone shovel test included a Precontact artifact, eight supplemental shovel tests were completed. In Area 7, where there was a nineteenth century house and a twentieth century house ruin, shovel tests were placed at 7.5m (25 ft.) intervals around the house and ruin. Shovel Tests (STs) measured about 30 centimeters on a side. Soil textures were determined using a flow chart diagram. Soil colors were determined with the aid of a Munsell Soil Color Chart. Shovel test soil descriptions are included in the Field Summary (Appendix 4). Recovered artifacts are listed in the Artifact Inventory. All shovel test material was screened through ¼ inch mesh hardware cloth. All excavations were promptly refilled. A total of 274 STs were completed in the initial 15m grid at Waterfront Commons.

Backhoe trenches were selectively used to examine depth of fill, examine site stratigraphy, and probe for features. Size and depth of the trenches varied with conditions, discoveries, and depth of fill. One backhoe trench was completed in Area 2, one in Area 4 and two in Area 5.

The format for numbering contexts from the Waterfront Commons project is the Site abbreviation (WAT) is followed by the xxxx.xx, which represents the Context Number. The two digits to the right of the decimal are used only as needed to refer to strata within a context. The four digits to the left of the decimal point are the base code. The four digits numeric base code is divided into two parts; the first digit and the last three. The first digit of the base code indicates the type of field investigation used. The codes are as follows:

1. unprovenienced surface collection
2. provenienced surface collection
3. shovel test
4. backhoe trenches
5. excavation units
6. feature excavation

The three digits which follow the technique code are unique for each location and are assigned sequentially. Decimal subdivisions may be used for techniques three, five and six to indicate specific strata. For example, 3001.02 refers to shovel test (3) number 1 (001), layer 2 (.02).

Area 1

Test Area 1 is located on the north end of the Waterfront Commons property. The Outerbridge Crossing property is on the north, Arthur Kill Road is to the east, a medical complex and Area 5 are to the south, and the shores of the Arthur Kill are to the west. Area 1 is up to 100m (330 ft) long (north – south) and 300m (990 ft) wide.

The grid in Area 1 was oriented to Arthur Kill Road (see Figures 29, 30 and 31). A stream and associated wetlands were present along the south side of Area 1. An active paved parking lot occupies the southeast end, near the medical complex. Most of Area 1 is covered by successional forest, with the largest trees about 6 to 12 inches (15 to 30cm) in diameter. The understory was particularly thick and difficult to survey;

dominant plants included catbrier and poison ivy. Thick stands of *Phragmites* reeds are present in the wetter sections.

There were 85 initial 15m (50 ft) interval shovel tests completed in Area 1 (ST1 – 35 and 208 – 255) (see Photo 12, Figure 30). Precontact lithic artifacts were found in ST4 , 35, 210, 211, 212, 219, 221, 223, 230, and 239. A total of 17 lithics were recovered from these 10 tests. Many of the shovel tests had profiles capped with a stratum or two of fill, as exemplified by Shovel Test 34.

ST 34 N105 E210

<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-6	Sandy loam	dark brown	NCM	Fill
6-30	Loamy sand	red	NCM	Fill
30-53	Sand	brown	NCM	Ap
53-70	Sand	brownish yellow	NCM	B

NCM = No Cultural Material

Profiles with fill were common close to the bridge. Others had truncated profiles, with fill capping a culturally sterile C. Some, like Shovel Test 35, had intact, natural profiles.

ST 35 N90 E210

<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-10	Sandy loam	v dk grayish brown	clam frags*	Ao
10-40	Sand	brown	3 flakes	Ap
40-70	Sand	brownish yellow	NCM	B

* = discarded NCM = No Cultural Material

Except for ST230 and ST239, all the Precontact lithics from the preliminary 15m shovel tests came from topsoil (likely plowzone) contexts. Shovel Test 230 had a flake in an A horizon beneath 23cm of fill. Shovel Test 239 had a flake in a B horizon.

ST 239 N60 E60

<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-7	Silty loam	very dark brown	NCM	Ao
7-47	Loamy sand	strong brown	NCM	Ap
47-66	Sandy clay loam	brown	1 flake	B

There was a fair amount of modern trash and debris in Area 1, especially in the areas closest to Arthur Kill Road and the Outerbridge Crossing. This included modern bottle glass, nails, and other construction materials.

Historic material was recovered from a number of Area 1 tests including (from east to west) yellowware in Shovel Test 19, creamware in Shovel Test 21 on the east side of the area. Bone and shell were in ST208, and olive wine bottle glass in Shovel Test 210, in one of the locations where Precontact material was also found. In the northwest side of Area 1, a kaolin pipe bowl fragment was found in Shovel Test 237, white salt-glazed stoneware (which dates from the early 1700s) and porcelain came from Shovel Test 242. A wide assortment were found in Shovel Test 244. North Devon Gravel Temper ware (c1675 – 1725) came from Shovel Test 246, along with a possible rosehead nail, clam, and oyster shell.

GCI returned to Area 1 in 2013 and reestablished the grid using pin flags installed in 2008. The understory was particularly thick and difficult to survey; dominant plants included catbrier and poison ivy. GCI hacked about 900m (2970 ft) of survey lines in this session.

Two parts of Area 1 were subjected to supplemental Phase 1B shovel testing. An intermittent drainage channel from the Outerbridge Crossing divides the project area into an east and a west section. East of the streambed, two shovel tests produced distinctive early historic ceramics. West of the streambed, eight shovel tests yielded Precontact lithics (one grouping of four shovel tests, one grouping of three shovel tests, and one isolated shovel test) (see Figures 30 and 31).

A number of initial Phase 1B shovel tests had artifacts and would have been further investigated except that they are in locations where no impacts are slated with the 2013 design. These include ST4, ST239, ST242, ST244, ST246 and ST250. Since the 2014 project design changes, these locations are now within the Area of Potential Effect (APE), they need to be subjected to further field investigations.

East of the streambed, eight shovel tests were excavated around ST21 (N105E255), which held creamware. ST426 to ST432 were excavated at 5m (16.5 ft) intervals in the four cardinal directions from Shovel Test 21 (see Figure 31). A few fragments of ironstone and porcelain were found along with rusted metal and plastic were found (Appendix 3). These tests were wet, with many reaching the water table. No features or artifact concentrations were found.

Also east of the streambed in Area 1, Shovel Test 19 (N75E255) was 30m (100 ft) south of Shovel Test 21 and yellowware ceramics were found here. Supplemental testing by seven shovel tests (ST434 to ST440) recovered both modern trash and historic artifacts, along with a flake in Shovel Test 437 (see Figure 31). No features or artifact concentrations were noted.

Following preliminary shovel testing, the eastern four shovel tests with Precontact artifacts (ST35, ST210, ST211, and ST212) were called Site 1 while the three positive shovel tests just to the west were initially called Site 2. Shovel testing at these locations and at Shovel Test 230 further west, attempted to evaluate the locations by creating a 5m (16.5 ft) grid of shovel tests. This testing attempted to set site boundaries by creating two adjacent negative shovel tests in all directions. A total of 179 additional shovel tests were excavated (ST275 to ST425 and 441 to 454) (see Photos 13, 14, and 15; Figure 31).

These subsequent tests link the three locations into a single Precontact archaeological site, dubbed the Catbriar Site. About half of the tests held Precontact finds, as shown in Figure 30. The most common finds were chert flakes and fire-cracked rock (FCR). An intact hearth, including many pounds of FCR and a chopper was found in Shovel Test 313 (N65 E185) (see Photo 16). Native American pottery was found in eight shovel tests. Four were clustered in a 15m circle in the center of the site (ST 331, ST358, ST362, and ST410). One prehistoric ceramic shovel test (ST343) was 20m (66 ft) northwest, and one (ST325) was 20m to the east. The other two were in isolated spots in the northeast (ST384) and east (ST459).

The vast majority of the Precontact finds were found in contexts within the top 40cm (1.3 ft), in a strata considered to be a plowzone. Shell was found in many tests, presumably in both historic and Precontact contexts. Shovel Test 303 (N75 E190) has a thin shell deposit at 40cm (1.3 ft), indicating a possible shell midden.

The Catbriar Site, as defined through shovel testing extends from the drainage channel at E230 west a distance of 145m to Shovel Test 447 at E85. The eastern third of the site extends the full distance from the marsh at N46 to the Outerbridge Crossing Property at N104, a distance of 58m. The middle third of the site is about 25m from south to north, while the western third is between 10 and 25m from north to south. This yields a total site area of about 4,900 square meters. A Prehistoric Archaeological Site Inventory Form for the Catbriar is included as Appendix 5.

Area 2

Area 2 comprises much of the southern part of Waterfront Commons. Area 6 is to the north, Area 4 is to the northeast, to the east is a residence (see Figure 29). In 2008, a Weir's Mill Creek pollution clean-up project headquarters was located in the east end of Areas 2 and 3. Area 3 and Weir's Mill Creek are to the south, and the Arthur Kill is to the west. It measures up to 180m (600 ft) long and up to 180m (600 ft) wide. Small piles of fill, debris, and concrete pieces occur sporadically throughout much of Area 2. A huge pile of fill, up to 5m (16.5 ft) high, is present on the south edge of Area 2.

A total of 101 shovel tests in a 15m (50 ft) grid were initially completed in Area 2 (ST36 – 134, 140, and 141) (see Photos 17 and 18; Figure 32). Soils here were radically different to those in Area 1. Sand was absent. Most of the shovel tests gave evidence of reddish fill; much of it was rich in clay. Most soils were extremely compact and difficult to penetrate, even when a pick was used. The profile of Shovel Test 80 shows deep fill.

ST80 N180 E80

<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-5	Silt loam	brown	glass, nail	Fill
5-27	Sandy clay loam	weak red	NCM	Fill
27-56	Sandy clay	weak red	NCM	Fill

NCM = No Cultural Material

Artifacts were mostly twentieth century bottle glass, brick and shell. Porcelain, ironstone and stoneware ceramics were also found in the shovel testing. One test (ST109) had a jasper flake in the second strata.

ST109 N135E80

<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-32	Clay loam	brown	NCM	Fill
32-63	Clay loam	brown mixed w/ y. brown and gray	jasper flake glass	Fill

NCM = No Cultural Material

Eight (8) supplemental shovel tests were excavated around Shovel Test 109 (ST534 to ST541) (Figure 32; see Photo 19). They were placed at distances of 1m and 3m in the cardinal directions. None produced Precontact artifacts; only modern material was found. This material included a modern Lincoln cent, along with plastic, and macadam. This area is considered disturbed fill. No further shovel testing in this location is recommended.

A single backhoe trench, BT3 was excavated in the middle of the proposed extension of Richmond Valley Road in order to test for deep fill (see Figure 33). It was about 130m (429 ft.) to 140m (462 ft) from Arthur Kill Road.

The trench was 10m long, 1.5m wide, and 3.1m deep. There was clear evidence of deep industrial fill, and obsolete utility lines. There were two copper utility lines, a 1-inch line at 1.3m and a 2-inch line at 2.8m deep. The entire profile consisted of fill; no natural stratum was found. No artifacts were recovered in Backhoe Trench 3. A column profile was recorded (see Photos 20 and 21).

BT3

<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-40	Loamy sand	brown	NCM	Fill
40-100	Loamy sand	dark red	NCM	Fill
100-210	Sand	pale brown	Cu pipe @ 2.00	Fill
210-230	Sand	brown mixed w/ lt y brown	NCM	Fill
230-300	Sand	dk greyish brown	Cu pipe @ 2.80	Fill
300-310	Sand	dk y brown	NCM	Fill

NCM = No Cultural Material

Informants indicate that much of Area 2 and Area 3 was blanketed with fill during the construction of Route 440. Clearly the vicinity of Backhoe Trench 3 confirms the boring

data discussed later in this report, which documents the presence of deep fill in much of Area 2.

Area 3

Area 3 is at the south end of Waterfront Commons. Area 2 is to the north, Weir's Mill Creek is to the south and east, and the Arthur Kill is to the west. It measures up to 30m (100 ft) from north to south, and up to 120m (400 ft) from east to west. There are pier remains at the southwestern tip of the project area (see Photo 7; Figure 29). Fill, including large chunks of concrete, is prominent throughout most of this area (see Photo 22).

Nine shovel tests were dug in Area 3 (ST142 – 150) (see Photo 23; Figure 34). All these profiles appear to be composed of fill, like Shovel Test 145 shown below. Excavation was difficult because of the presence of concrete slab fragments within the fill.

ST145

<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-2	Silt loam	v dk grayish brown	NCM	Fill
2-25	Sandy clay	brown	plastic*, coal*	Fill
25-51	Sandy clay	dark brown	plastic*	Fill
51-74	Loamy sand	strong brown	NCM	Fill

* = discarded NCM = No Cultural Material

Modern cultural material was present throughout the profiles, including plastic trash and macadam. The shovel testing in Area 3 was completed in 2008, before the project was redesigned to lessen environmental impacts. With the new 2014 design, Area 3 will be included as part of the APE, and will need further field investigation (see Figure 34).

Area 4

Area 4 is on the southeast end of Waterfront Commons. The beverage distributor is to the north, the veterinary medical complex and residence are to the east, the construction headquarters is to the south, and Areas 2 and 6 are to the west. It has an irregular shape with extensions in the northwest and southeast. Including the southern extension, it measures is up to 180m (600 ft) from south to north, and up to 90m (300 ft) from east to west. The grid was aligned to the veterinary complex fence (see Figures 29 and 35).

The southeast wing of Area 4 is included within the former Cole Brothers Lumber mill lot. There is a man-made ditch which cuts through the parcel and continues through the edge of the property to the east. This is likely a raceway, which might have channeled water from Weir's Mill Creek to the sawmill seat. Near the northern terminus of this ditch there are two berms extending north from the higher ground. They each measure about 30m (100 ft) long. The eastern berm is very regular in profile; it is about 1m (3.3 ft) high and 4 meters (13.2 ft) wide (see Photo 24). The western berm is less regular in shape. Because it was considered a possible *Mill Seat*, it was tested with a backhoe trench, as discussed below. About 20m to the northeast is a huge piece of old, riveted iron, possibly the remains of a steam boiler, labeled *Riveted Iron* on the site map (see Figure 35; Photo 25). Other surface finds that may be related to the industrial concern include a large block of concrete and an iron machinery piece, both located on higher ground east of the berms.

Area 4 was covered in successional forest and thick catbrier understory. The northern part, formerly the pond bed, was covered in *Phragmites* reeds.

A total of 18 shovel tests were completed in Area 4 (ST151 – 155, 256 – 263, and 269 – 274) (see Figure 35; Photo 24). Those tests in the low areas near the berms were shallow because water was encountered. Most of the others had typical intact profiles, like Shovel Test 256.

ST 256 N215 E100

<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-7	Sandy loam	very dark brown	Tile, glass	Ao
7-34	Loamy sand	dark yellowish brown	NCM	A
34-55	Sand	yellowish brown	NCM	B

Other profiles had intact strata blanketed by fill. Shovel Test 274 was located within the eastern berm. It revealed 89cm of sandy fill; a fragment of coal was the lone find (see Photo 24). Artifacts in Area 4 were all relatively modern, possibly indicating recent fill deposits.

Backhoe Trench BT4 was a large trench that was planned to investigate the internal section of a suspected mill seat (see Figure 36, Photos 26 and 27). It was located in a flat area between the berms and at the base of the slope. The original northern section of the trench was set at a 45-degree angle to the western berm. This end of the

trench was 6m long by 1.5m wide and 2.0m deep. There were four alternating strata of clay loam and sand. All these are fill.

BT 4	NW			
<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-10	Clay loam	very dark grayish brown	NCM	Fill
10-40	Loamy sand	light gray mixed with Brownish yellow	NCM	Fill
40-95	Clay loam	dark grayish brown	NCM	Fill
95-200	Sand	brownish yellow	NCM	Fill

NCM = No Cultural Material

There was a 6-inch terra cotta pipe with its top at 90cm on the east side of the trench. The lack of an apparent pipe trench indicates it was installed in conjunction with deep fill. Backhoe Trench 4 followed this pipeline 9.75m south into the toe of the slope. No artifacts were found. The way the two-foot sections of pipe were laid show that the flow of the pipeline was from north to south. This might mean that a pond or other source to the north supplied water to an unknown location to the south of Backhoe Trench 2. Clearly there was a substantial amounts of soil moved around in the later years of industrial development and use of the site.

Area 5

Area 5 is on the west side of the project area (see Figures 29 and 37). Area 1 is to the north, the medical complex and beer distributor are to the east, Area 6 is to the south, and the Arthur Kill is to the west. It extends up to 120m (400 ft) from south to north. Most of it is about 105m (350 ft) wide, except the north end, which extends to the east and is 195m (650 ft) wide. The northeast end includes a gravel-covered parking lot. Small, dump truck-sized piles of fill and debris occur over much of Area 5. Macadam fill predominates in the area just west of the parking lots of the adjacent businesses. There is a causeway-like feature, built of debris and concrete pipe fragments extending east to west through the northwest end of Area 5. Another raised, dike-like ridge of fill extends north-south along the shore of the Arthur Kill. It runs between the Kill and a marsh on the north end. The grid was oriented along the fences of the business' parking lots.

A soils scientist discovered a quartz projectile point on the surface at an unspecified location in Area 5; it was designated Context #1001 (Appendix 3).

There were 52 shovel tests completed in Area 5 (ST156 – 207) (see Figure 37; Photo 28). Many of the tests had profiles entirely of fill, including ST171 -174, 176, 181 - 183, 188, 189, 193 and 205. Others like Shovel Test 168 had historic artifact bearing strata beneath layers of fill.

ST 168 N140 E185

<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-7	Sandy loam	dark brown	NCM	Fill
7-18	Sandy clay loam	red	NCM	Fill
18-34	Sand	dark yellowish brown	shell*, ceramic, brick*	Fill
34-60	Sand	brown	shell, glass, coal*, metal, ceramic	A
60-107	Sand	yellowish brown	ceramic, coal*	B

Six Area 5 tests produced a single flake each. ST164, 166, 168 and 196 occur in one cluster. ST171 and 191 are isolated discoveries. The historic material was fairly widespread in the southwest side of Area 5. Historic material was recovered from many tests, including ST163, 166, 168, 169, and 170 on the east, ST165 in the south, ST195 on the west, and ST171, 173, and 190 on the north (see Figure 37)

Two backhoe tests were excavated in the southeast part of Area 5, Backhoe Trench 1 and Backhoe Trench 2 (see Figure 38). Backhoe Trench 1 was 11m long by 1.5m wide, and was 82cm deep (see Photo 29). Brick, glass, ceramics, and glass were recovered from the top two strata. Soils in Backhoe Trench 1 are largely natural, no noticeable fill is present (see Photos 29 and 30). An unmarked brick recovered in the backfill was the lone find.

BT 1 N144 E178

<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-26	Silt loam	dark brown	brick, glass	Fill
26-66	Sand w/ coal ash	pale brown	brick, glass, ceramic	A
66-82	Sand	yellowish brown	NCM	B
82-123	Silt w/ shale	yellowish red	NCM	C

Backhoe Trench 2 was south of Backhoe Trench 1 and was shorter: it measured 4.5m long by 1.5m wide and 1.19m deep. The south half of Backhoe Trench 2 had an intact profile with intact A, B and C horizons. The north half of Backhoe Trench 2 was disturbed in recent years, as evidenced by a modern beverage bottle very deep in the top stratum (see Photo 31).

BT 2 north	N120 E176			
<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-83	Sandy loam	dark reddish brown	stoneware, whiteware beer bottle*, brick*, coal*	Fill
83-110	Sand	brown	NCM	Fill
110-119	Silt w/ shale	reddish brown	NCM	C

Area 6

Area 6 is on the west side of the project area. Areas 4 and 5 are to the north, Area 4 is to the east, Area 2 is to the south, and the Arthur Kill is to the west. From south to north it extends up to 90m (300 ft), and it is up to 120m (400 ft) wide. Wetlands dominate the core of Area 6 (see Figures 29 and 39). This reed swamp shows as a pond on maps from early in the twentieth century (e.g. Richmond, Borough of 1913, Figure 18).

There were 10 shovel tests completed in Area 6 (ST135 – 139 and 264 – 268) (Appendix 4; see Figure 39). Many were shallow because they encountered water. Others like Shovel Test 266 were deeper, but also reached water.

ST266				
<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-6	Sandy loam	very dark brown	NCM	Fill
6-93	Sand	yellowish brown	NCM	Fill
				Water @ 91

Area 7

Area 7 is the property added in 2013 to the southeast end of Waterfront Commons project area. The veterinary medical complex is to the north, Arthur Kill Road is to the east, and Areas 2 and 4 are to the west (see Figure 29). It measures is up to 113m (375 ft) from south to north, and up to 83m (275 ft) from east to west. It includes the nineteenth century Greek Revival Style Abram Cole House (4927 Arthur Kill Road) and a corner parcel with building ruins (probably built by Mary C. Hilliard). Shovel testing followed current guidelines and included shovel tests in a 7.5m (25 ft) grid near the house and ruins, and a 15m grid elsewhere (Figure 40; see Photo 32).

The Cole house has a red brick driveway and brick walkways that surround the house (and limited shovel testing) (see Photos 33 and 34). Some of these bricks are impressed or embossed with maker's marks. Embossed bricks include *AMERICAN*, *RICHMOND*, *AWK*, (see Photo 35) and *PECK*. Some are embossed with a diamond design. A few are embossed backwards with the letters *JCR*, *BS* and *JST*. A few are impressed *S&F* from the Sayre and Fisher brickyards in Sayerville, New Jersey. A 1913 map shows a gravel driveway north of the house (see Figure 18), supplying a no earlier than 1913 date for the driveway.

There is a well house with a functioning well on the northeast side of the Cole house (see Photo 34). South of the house are landscaping features, including one landscape terrace that incorporates a huge mill stone. Half of this huge stone was exposed (see Photo 36). It would have been used to grind grain, probably in the Cole/Disosway families' mill. This could be the millstone used as a doorstep in a local report (McMillen 1951). Another feature incorporates plastic drainpipes that end in a stone enclosure that could be a fish pond. A concrete pad in the backyard is likely a removed twentieth century outbuilding or guest house.

A total of 64 shovel tests were completed in Area 7 (ST469 to ST533) (see Figure 40). Most produced artifacts from the nineteenth and/or twentieth centuries. The profiles were evenly split between those with natural profiles and those with profiles consisting mostly of fill. Shovel Test 489, like most of the tests in the rear of the Cole house, had a natural profile.

ST489 N122E85

<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-30	Sandy loam	brown	Glass, ceramics, coal ash*, Modern glass	A
30-66	Sand	yellowish brown	NCM	B

*= discarded NCM= No Cultural Material

Also in the rear yard of the Cole house, a terra cotta drain pipe, running north/south, was found at 15cm in Shovel Test 481 (see Photo 37). Many of the shovel tests, including many of those in the southeast corner of Area 7, had profiles consisting entirely of fill, or fill over natural profiles. Shovel Test 500 had fill over a truncated natural profile.

ST500 N62.5E70

<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-53	Sandy loam	brown	Brick*, ceramics, coal*, glass	Fill
53-69	Sand	light brown	NCM	C

*= discarded NCM= No Cultural Material

In the southeast corner of Area 7, at the corner of Arthur Kill Road and Richmond Valley Road, are the ruins of a house built circa 1912 - 1917. There is an exposed concrete slab on grade floor that is about 12 ft (3.6m) wide and over 25ft (7.5m) long (see Figure 35, Photo 38). Remains of walkways built of concrete blocks are present west and north of the concrete floor. There is a chain link fence that runs through this foundation, likely added by the pollution clean up project five or six years ago. In addition to the house remains, the remains of a vaulted brick cistern or well was partially exposed (see Photo 39). The well looks like it might have been looted years ago.

Maps show a garage was added to the rear of the property sometime after 1917. Shovel Test 503 located a possible cement floor at 60cm, and this is probably the garage floor (see Photo 40)

ST503 N62.5 E67.5

<u>Depth</u>	<u>Soil type</u>	<u>Color</u>	<u>Artifacts</u>	<u>Interpretations</u>
0-8	Sand	reddish brown	Plastic, modern glass	Fill
8-23	Loamy sand	dark yellowish brown	NCM	Fill
23-34	Loam	dark yellowish brown	NCM	Fill
34-60	Loamy sand	dark yellowish brown	NCM	Fill
60+	Concrete floor			

ARTIFACT ANALYSIS

Laboratory Methodology

The artifacts recovered from the Phase 1B field work at the Waterfront Commons project area, Staten Island, New York were returned to the Greenhouse Consultants laboratory for processing. The cultural material was washed at room temperature tap water, dried, marked and catalogued. The drying procedure consisted of slow air drying on screens. The artifacts were labeled with their appropriate context number.

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

Subsequent to cataloguing, the information from all artifacts with their appropriate codes were inventoried using a relational database software, which provides sorted inventory lists for contexts and artifact groups.

Contexts were assigned series numbers in accordance to the type of data recovery method. Shovel testing is identified by the 3000 series and backhoe trenching by the 4000 series.

Phase 1B Analysis

A total of 2339 artifacts were recovered and returned to the laboratory from six of the seven archaeological areas. Material observed in shovel tests that were either sampled or discarded in the field include shell, modern glass, and other debris. The following table shows the distribution of artifacts among the seven archaeological areas:

Table 3 Artifact Summary	
Area	Total
1	1156
2	167
3	10
4	18
5	573
6	0
7	415
Total	2339

The Cultural Material Data Base Taxonomy structures artifact assemblages by functional group: Groups 1 through 9 are historically related and Group 10 is prehistoric. Group 1 is kitchen related, Group 2 is floral/faunal, Group 3 is architectural, Group 4 is furnishings, Group 5 is weapons, Group 6 is clothing related, Group 7 is personal, Group 8 is tobacco related, and Group 9 is activities. Group 98 is miscellaneous.

Area 1

A total of 1156 artifacts were recovered from the shovel tests excavated in Area 1. Group 1 artifacts included bottle and container glass, and ceramics which included ironstone, redware, creamware, pearlware, stoneware, and North Devon Gravel Tempered. Bone, oyster and clam shell composed Group 2. Nails, brick and flat glass composed Group 3. Tobacco pipe fragments composed Group 8. The historic artifacts found in Area 1 span the colonial era to the twentieth century, starting at ca. 1675. Modern trash was found in shovel tests close to Arthur Kill Road.

Group 10 constitutes prehistoric artifacts. Class 1 consists of artifacts used in hunting and fishing activities. Class 2 consists of artifacts used in domestic activities, such as cooking and food preparation. Class 3 includes artifacts used to make stone tools, and can be stone tools themselves. Wood-working tools compose Class 4 and are used for crafting objects from wood as well as marking trails or clearing underbrush. Digging tools comprise Class 5 and are associated with activities such as subsistence farming.

Other fabricated and processing tools reside in Class 6. These tools serve a variety of purposes including incising, drilling, sewing and other activities. Class 7 is a category containing general utility tools. Many of the stone tools in this category are associated with food processing, especially meat, and preparation of skins, pelts and furs. Ceremonial and ornamental objects form Class 8. Their significance lies in body ornamentation or use in ritual.

The prehistoric artifacts of Group 10 totaled 390 objects, composing of nearly one-third of the artifacts recovered from Area 1. Fire-cracked rock composed a large portion of the prehistoric assemblage along with tools such as a core, biface, chopper, tested pieces, primary flakes, secondary flakes and prehistoric pottery.

Class 3 is composed of tools used to manufacture other tools and artifacts that are byproducts of stone tool manufacturing. Tested pieces are rocks of chert, flint, quartzite or some other acceptable material which could be used to manufacture a stone tool. A tested piece usually exhibits one or two flake scars, as though stone tool makers had assessed the quality of the rock before proceeding further. Features a stone toolmaker looks for in a rock are: homogeneity, hardness and low resistance to fracture. Homogeneity is an important asset because the energy from a hammerstone or a pressure flaker needs to be dissipated regularly throughout the rock. In other words, flaws such as cracks or inclusions, make raw material structurally unsound for a tool. A dull sound from a hammerstone striking raw material indicates the rock is not homogeneous while a ringing sound does. Therefore, the absence of one or two flakes from a piece of raw material may indicate that it was "tested" for its quality and subsequently was abandoned. Two tested pieces were found in Area 1, from Context 3316.03, made on chert, and from Context 3382.02, made from quartzite.

A core is raw material, suitable for stone tool manufacture, which exhibits a striking platform(s) and a pattern of flake scar removal. Flakes which are removed from cores can be made into tools or the core itself may be modified into a heftier tool, such as a chipped stone axe. Exhausted cores may also be used as they are in the form of hammerstones. One core composed of quartz was found in Context 3212.02.

A primary flake is a spall from the outside of the core. Rock undergoes mechanical and chemical weathering throughout its existence. As a result, the outer surface of the rock exhibits a sheen (patina) or rind (cortex). The first layer of flakes removed from a core

therefore will have cortex or patina on their dorsal surface. The presence of cores and primary flakes at a site are indicative of the initial stages of stone tool manufacturing. Primary flakes can be modified into scraper or knives with the cortex serving as a natural handle for grasping the tool. Four primary flakes were found in Area 1.

A secondary flake can result from several activities. One activity is when a flake is removed from a core after the initial layer of flakes. A secondary flake may also result from shaping the tool through subsequent stages of manufacture. Third, a secondary flake can be a byproduct of resharpening a stone tool. Since secondary flakes are removed from the interior of the core, they exhibit a minimal amount of cortex but in most cases, none at all. A site containing secondary flakes with few or no primary flakes or cores can be interpreted as a place where the initial stages of stone tool manufacturing were conducted elsewhere. In this scenario, the inhabitants were completing their stone tools, after roughly forming them at the stone quarries. A site yielding only small resharpening flakes can be interpreted as the result of people using stone tools to butcher and process food and skins. As stone tools are used, the working edge grows dull and subsequently they need to be resharpened in order to complete tasks. There were 91 secondary flakes found in Area 1 shovel tests.

Flakes, both primary and secondary, and cores which are discarded during stone tool production are referred to as debitage. Other byproducts include chunks and shatter which are large and small, respectively, angular pieces of lithic material. Chunks and shatter have random flake scars and usually result when the stone is dried out from weathering or is not homogeneous. The flakes found in Area 1 were made of jasper (25), chert (63), chalcedony (1), and argillite (2).

Class 7 tools are described other general utility tools. Tools subsumed under this classification could be described as multifunctional in nature, such as scrapers and knives. A second type of tool is expediency tools which are artifacts which were never finished but had enough of a working edge that could be used to scrape, cut or chop something. Utilized flakes and bifaces are examples of such artifacts. A biface is an artifact exhibiting flake scars on the dorsal and ventral surface (Crabtree 1972:38). A biface is a result of either Stage II, III or IV in the lithic reduction sequence, depending upon the degree of edge preparation, shaping, thinning and finishing. A biface is not a finished tool. However, it can be used as a tool, in case the need arises. A Stage II biface could function in a heavy duty maintenance task, such as chopping. A Stage III

or IV biface with the appropriate degree of edge thinness could be used for slicing or cutting. The same scenario could exist for scraping tasks. One biface was found in Context 3210.02, composed of chert.

Prehistoric ceramics were found in nine shovel tests. The number of prehistoric ceramics found in Area 1 totaled 42. Eight of the tests contained one to four pieces of pottery (Contexts 3324.02, 3331.02, 3343.02, 3358.02, 3362.02, 3375.02, 3410.02 and 3459.02). One test, Context 3384.02, contained 27 sherds of prehistoric ceramics. Many of the sherds were decorated on the exterior with cord marking, fabric impressions, incised, and/or punctated.

Area 2

The number of artifact found in 52 shovel tests totaled 167. Group 1 artifacts included bottle and container glass, a drinking glass, porcelain, ironstone and stoneware. Group 2 included oyster and clam shells. The architectural group included a drainpipe, nails, flat glass, brick and tile. The furnishings group included a broken mirror, flowerpot and a handle. Group 7 included a turnkey, embossed "TAIWAN", probably to a clock, a tarnished U.S. penny and a tarnished coin which was not an United States coin. The historic artifacts date from the late nineteenth into the twentieth century. A primary flake composed of jasper was found in Shovel Test 109, context 3109.02. Part of the cortex was on the flake.

Area 3

Ten artifacts were recovered from three shovel tests. They included container glass, oyster shell and a drainpipe. These artifacts are probably twentieth century in origin.

Area 4

Eighteen artifacts were found in six shovel tests. Glass artifacts included bottle, jar and container glass, and flat glass. Tile, linoleum and metal were also found. One piece of an ironstone body sherd was also found. These artifacts are probably twentieth century in origin.

Area 5

A total of 573 artifacts were found in the two trenches and 33 shovel tests. Some shovel tests included up to five layers of artifacts, some tests yielding up to 182 artifacts in a test. Group 1 included container, bottle, jar and tableware glass. Ceramics included ironstone, redware, creamware, stoneware, porcelain, yellowware, pearlware, combed slipware and two pieces of delftware. Group 2 consisted of bone, oyster and clam shell. The architectural group included concrete, nails, flat glass, brick, tile and drainpipe. The bowl of a tobacco pipe was also found. The historic artifacts span the time from the late seventeenth century to the early twentieth century. Prehistoric artifacts included two secondary flakes, three primary flakes and the mid-section of a quartz projectile point. The flakes were composed of jasper or chert.

Area 6

No artifacts were recovered from the shovel tests.

Area 7

A total of 415 artifacts were recovered from 54 shovel tests. Group 1 artifacts included porcelain, ironstone, redware and yellowware. Bottle glass, container glass and tableware glass were present. Group 2 consisted of clam and oyster shell and bone. Group 3 included nails, flat glass, brick, drainpipe and mortar. Group 4 consisted of flowerpot fragments. Tobacco pipes were represented by an amber mouthpiece and a floral embossed pipe bowl. Many of the artifacts, particularly the glass, had been subjected to intense heat, as documented by the house fire at this location. The artifacts are nineteenth and twentieth century in origin.

The artifact assemblages from the archaeological areas is shown in the following table in functional groups.

Table 4 Artifacts by Functional Group								
	Area 1	Area 2	Area 3	Area 4	Area 5	Area 6	Area 7	<i>Totals</i>
Group 1	227	94	5	7	243		147	723
Group 2	317	15	4		90		52	478
Group 3	76	36	1	9	172		123	417
Group 4	10	4			7		13	34
Group 5					1			1
Group 6	1						2	3
Group 7		3			1			4
Group 8	4				1		2	7
Group 9	70	12		2	37		10	131
Group 98	61	2			13		66	142
Group 10	390	1			8			399
<i>Totals</i>	1156	167	10	18	573	0	415	2339

DISCUSSION

Area 1

The Phase 1B survey discovered a large Precontact site, named the Catbrier Site after the dominant vegetation. The location of this site will be potentially impacted by construction of wetland replacement areas for Waterfront Commons project area (Figure 36). A Phase 2 study is recommended for this location. The purpose of a Phase 2 study is to determine if the site is potentially significant, and is also used to set site boundaries. The presence of datable ceramics and an *in situ* feature contribute to the site's potential significance. During the Phase 1B survey, natural boundaries such as the marsh or double negative shovel tests have set a portion of the site's borders. The north border is set by the Outerbridge Crossing.

A Phase 2 study of the Catbrier Site would include boundary defining shovel testing and completion of a number of excavation units. The excavation units are used to evaluate the integrity of the site and its research potential, as well as recover or expose more information in the form of features and artifacts.

Area 2

Through the analysis of boring data, GCI has attempted to determine depth of fill, and analyzing the proposed plans to see if they will impact potentially intact buried stratum. Extensive deep fill appears only in the southern part of the project area, designated Areas 2 and 3. Although there are clearly localized areas of fill in the northern and central portions of the project area, they do not appear as large, deep, or as extensive as in Areas 2 and 3. With a few exceptions, most of the testing in Areas 1, 4, 5, and 7 reached culturally sterile subsoil.

A local informant stated that deep fill was deposited in Area 2 during the construction of Route 440. Two independent sets of borings were completed in Areas 2 and 3. A series of 7 borings (B1 to B7) were completed (see Appendix 6), at intervals of about 150 feet along the proposed location of the west end of Richmond Valley Road. Near Arthur Kill Road, fill was 2.5 feet deep in Boring B1. Boring B2 had 9 feet of fill, B3 had 6.5 feet of fill. B4 had 8 feet of fill over silty peat. In B5 there was 13 to 16 feet of fill, which extended below the water table. Borings B6 and B7 had 8 feet of fill over peat.

This fill continued below the water table. Because of deep fill continuing below the water table, testing anywhere west of B4 is not recommended.

The second set of borings covered the property to the north of the Richmond Valley Road tests. In Areas 2 and 3, there were 8 borings completed, B4, B12, B16, B24, B31, B32, B33, and B34 (Mechanics Drilling Corp. 2009). B4 showed a profile with 17 feet of fill; this is about 1 foot below the water table. The 13 feet of fill in B12 also extended below the water table. There was also 13 feet of fill in B13, it extended to about the water table. Boring B15 showed 20 feet of fill, there was 14 to 18 feet of fill in B16, and 16 to 20 feet in B21. B24 had 18 feet of fill extending below the water table. The 15 feet of fill in B31 extended to the water table. B32 and B33 had 19 feet of fill, B34 had 16 feet; all 3 had fill extending below the water.

This boring data should be compiled and used to construct a plan to backhoe test parts of Area 2.

Area 3

Area 3, on the south side of the property, lines the north shore of Weir's Mill Creek. Changes in project design in 2014 have reinstated Area 3 within the APE. This area could contain mill related remains.

Area 4

The topography of Area 4 is unusual and is not natural. It was heavily modified by industrial concerns in the late nineteenth and early twentieth centuries. The nature, age, and function of the long raceway appearing trench is an enigma. A wooden cover to the raceway was apparently covered or removed by a pollution remediating construction team in 2008. An unusual pair of berms, forming a possible mill seat far from Weir's Mill Creek, was trenched. No evidence to support the mill hypothesis was found. Instead, deep fill and a large terra cotta pipeline was found. The line apparently took fresh water from the artificial pond to an unknown location to the southeast. This would likely have been built either by the A. Cole lumber mill and coal business, or the later Moran Transportation Company. The fresh water might have been used to supply one or more steam engines, or served some other industrial purpose.

Area 5

Six Area 5 tests yielded a single Precontact lithic flake each. ST164, 166, 168 and 196 occur in one cluster. ST171 and 191 are isolated discoveries. Additional testing here is required. The historic material was fairly widespread in the southwest side of Area 5. Historic material was recovered from many tests, including ST163, 165, 166, 168, 169, 170, 171, 173, 190, and 195. The ceramics from Area 5 are the most time sensitive indicators among the artifacts. Collectively they span most of the eighteenth and nineteenth centuries, with varieties like Delftware, creamware, pearlware, redware, yellowware, porcelain, and ironstone. This data supports the duration of occupation of the Disosway/Totten/Starr house. Additional testing of this historic site should be combined with the Precontact testing.

Area 6

No cultural resources were encountered in Area 6. This area includes wetlands which will be preserved within the project. No additional investigation is recommended.

Area 7

The Abram Cole house is a mid-nineteenth century dwelling that is associated with the Cole and Dissosway families, both with long and rich family histories in the Tottenville area. The house was reviewed for possible New York City Landmark status in 2009 but was rejected (MAS NYC 2008). The discovery of a large millstone in the garden of the Cole house is an interesting link with Staten Island's industrial history. In a 1951 report on the old mill, the author noted "At the threshold of a house near by one of the old millstones now serves another purpose as a doorstep" (McMillen 1951:25). It is likely that this is the millstone mentioned. If possible, the millstone should be incorporated into a historic themed exhibit in Waterfront Commons. If not possible, the millstone should be donated to a local historical society or museum. Despite its great size and weight, millstones are prized and are readily stolen. Waterfront Commons should take measures to secure the safety of the millstone during construction. An adaptive reuse of some of the bricks in the walkway and driveway should also be considered.

CONCLUSIONS AND RECOMMENDATIONS

Phase 1B archaeological field testing at the Waterfront Commons project area resulted in the following recommendations for each archaeological area.

Area 1, located on the north end of the Waterfront Commons property, includes one large Native American site along with isolated shovel tests and small clusters of STs with Precontact (prehistoric) or historic era artifacts. Precontact lithics, including stone tools and many chert and jasper flakes were recovered from a large number of shovel tests in Area 1. A 5m shovel test grid showed the site to be very large. In addition to the lithic finds, Native American pottery was found in several STs. One test had a hearth feature and a chopper. Others indicated the presence of shell middens. This site, christened *Catbrier Site* after its dominant vegetation, requires additional testing in the for of Phase 2, in order for NYHPO to evaluate it. This Phase 2 testing will include some shovel testing where needed to define site boundaries. Excavation units should be completed as part of Phase 2 work at the Catbrier Site. An historic site in the northwestern section of Area 1 is part of the 2014 APE. Historic ceramics, as early as 1675 A.D. were found at this location and may be part of the DuBois or Dissosway farmsteads. See Figure 41 for the location of the historic and prehistoric site in Area 1.

Area 2 extends from Area 3 in the south into the center of the project area. This part of the property appears to be blanketed with thick modern fill. Preliminary shovel testing found a Precontact jasper flake in one shovel test. Supplemental tests near that find spot did not produce any additional artifacts and indicate that the deposits are fill. A single backhoe trench was excavated. It showed in excess of 3m (10 ft) of fill; intact natural strata were not reached. Additional backhoe trenching is needed to determine the presence or absence of archaeological sites in Area 2. A backhoe testing program for Area 2 should be designed in cooperation with NYSOPRHP, and implemented. Backhoe testing should be limited to the eastern half of Area 2, based on the results of boring analysis. As discussed in the previous section, the western area has fill deposits continuing below sea level.

Area 3 is in the extreme southern end of the property. Preliminary shovel testing failed to penetrate the recent fill blanketing the area. Project redesign now includes impacts

to Area 3. Further field investigation to determine depth of fill and natural strata is needed, as outlined for Area 2.

Area 4 includes the remains of a sawmill complex. Evidence of the mill includes a huge piece of riveted iron, likely from a boiler, a section of headrace, and a possible mill seat. A pond, located downstream of the mill seat is enigmatic. While the mill was using waterpower, backwater pressure was to be avoided. It could slow the flow of water, and hence the power generated by a water wheel or turbine. This pond only appears on twentieth century maps. It may have existed only after the mill transitioned from water power to steam or electric power. Additional investigations of the sawmill should begin with historic research. This could involve research at state and/or local repositories. Once this has been completed, the evolution of the design and use of the mill can be estimated. Then, additional infield industrial archaeology should be used to evaluate the integrity and condition of the mill ruins and deposits.

Area 5 includes historic domestic archaeological remains spanning most of the eighteenth and nineteenth centuries. These deposits include ceramics, glass, and faunal remains. These deposits are likely related to the Dissosway/Totten/Starr house site. This eighteenth century house was extensively photo documented in 1920, prior to its demolition for construction of Outerbridge Crossing. In addition to historic finds, six Area 5 shovel tests also produced Precontact flakes; four were in a cluster and two were isolated. Two backhoe trenches were used to look at soils and fill in the southwest part of Area 5. They showed fairly good preservation of strata, with some disturbance.

Additional investigations of both the historic and Precontact components of Area 5 will be required. Shovel testing, using a 5m grid of tests should be the first method employed. Following the completion of the shovel tests, additional excavations may be sited based on the results. Those excavations could include excavation units and/or backhoe tests. The goal of the testing will be to evaluate the Area in terms of its preservation and research potential. One goal will be to examine the location of the Totten and Dissosway houses. Another goal will be to search for related features and deposits. At the same time, the nature and extent of the Precontact component can be evaluated.

No cultural resources were encountered in Area 6. No additional investigation is recommended.

Area 7 includes a standing nineteenth century Cole house at 4927 Arthur Kill Road. The Cole House is associated with two prominent local mill owners, the Coles and the Dissosways. The discovery of a large mill stone on the property is notable, and should consider displaying it in or near the shopping center. A considerable collection of old bricks from the driveway and walkways are also available for adaptive reuse. The historic archaeological site has some potential in terms of both artifacts and features. A Phase 2 investigation is recommended. The small corner lot on Richmond Valley Road includes the ruins of a small house, presumably built by Mary C. Hilliard after 1900. The partially exposed, large, brick cistern seems somewhat oversized for the small dwelling. If it was dug for the house, it shows the isolated nature of this Tottenville neighborhood in the early twentieth century. It has some archaeological value and should be further evaluated or avoided.

The submerged sections of the project area were not included in the Phase 1B testing portion of this project. Current (2014) project plans do not include development of the submerged portion of the project area.

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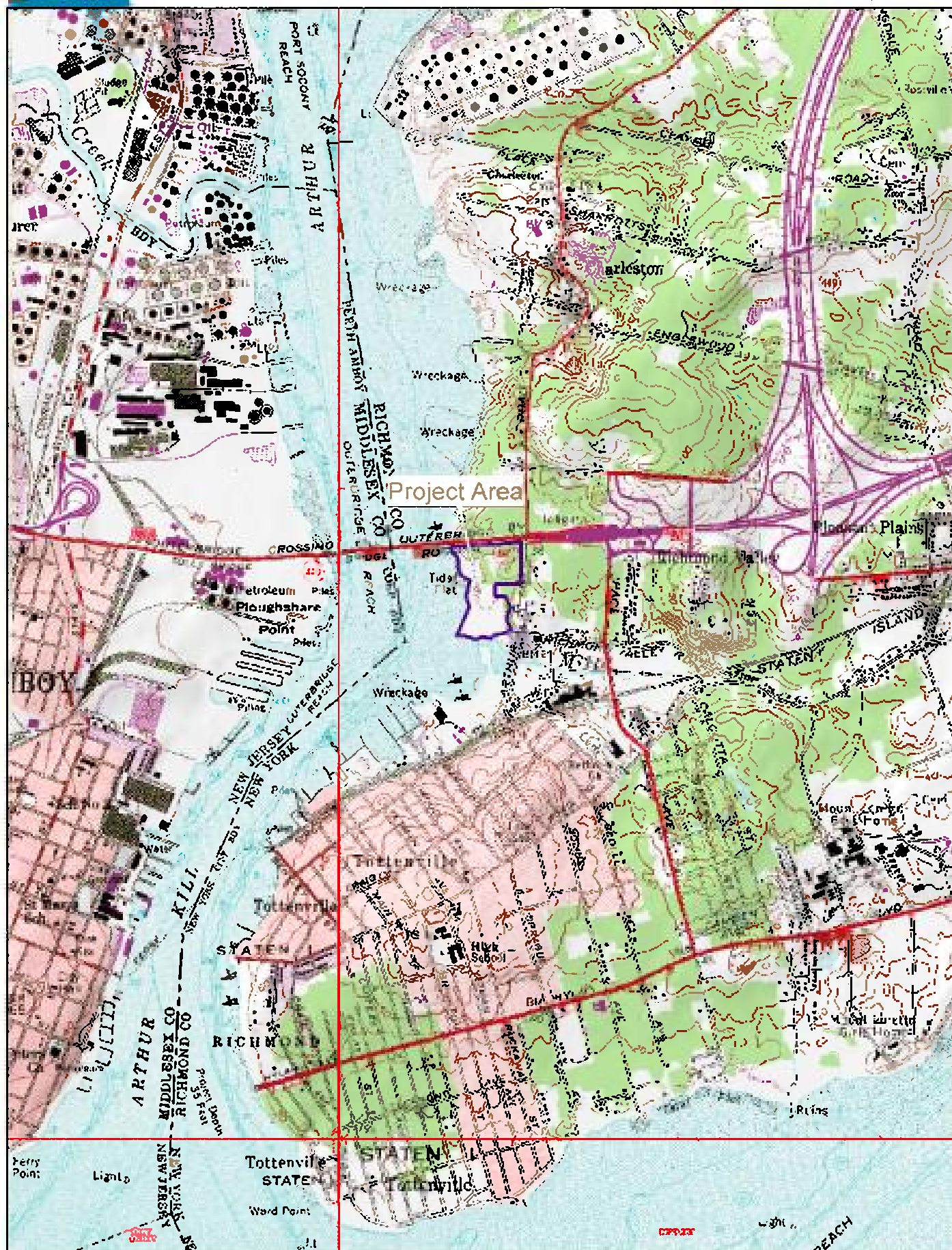
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www.delorme.com

Scale 1 : 24,000

1" = 2,000.0 ft

Data Zoom 14-0

Figure 1 Location of the Waterfront Commons project area on the USGS 7.5 minute Arthur Kill Nj/NY quadrangle.

240

7

262

346

26

280

101

6

262

PROJECT
AREA



Figure 2

Project area on the *New York City Reconnaissance Soil Survey*.

APPROXIMATE
LOCATION OF
THE PROJECT AREA

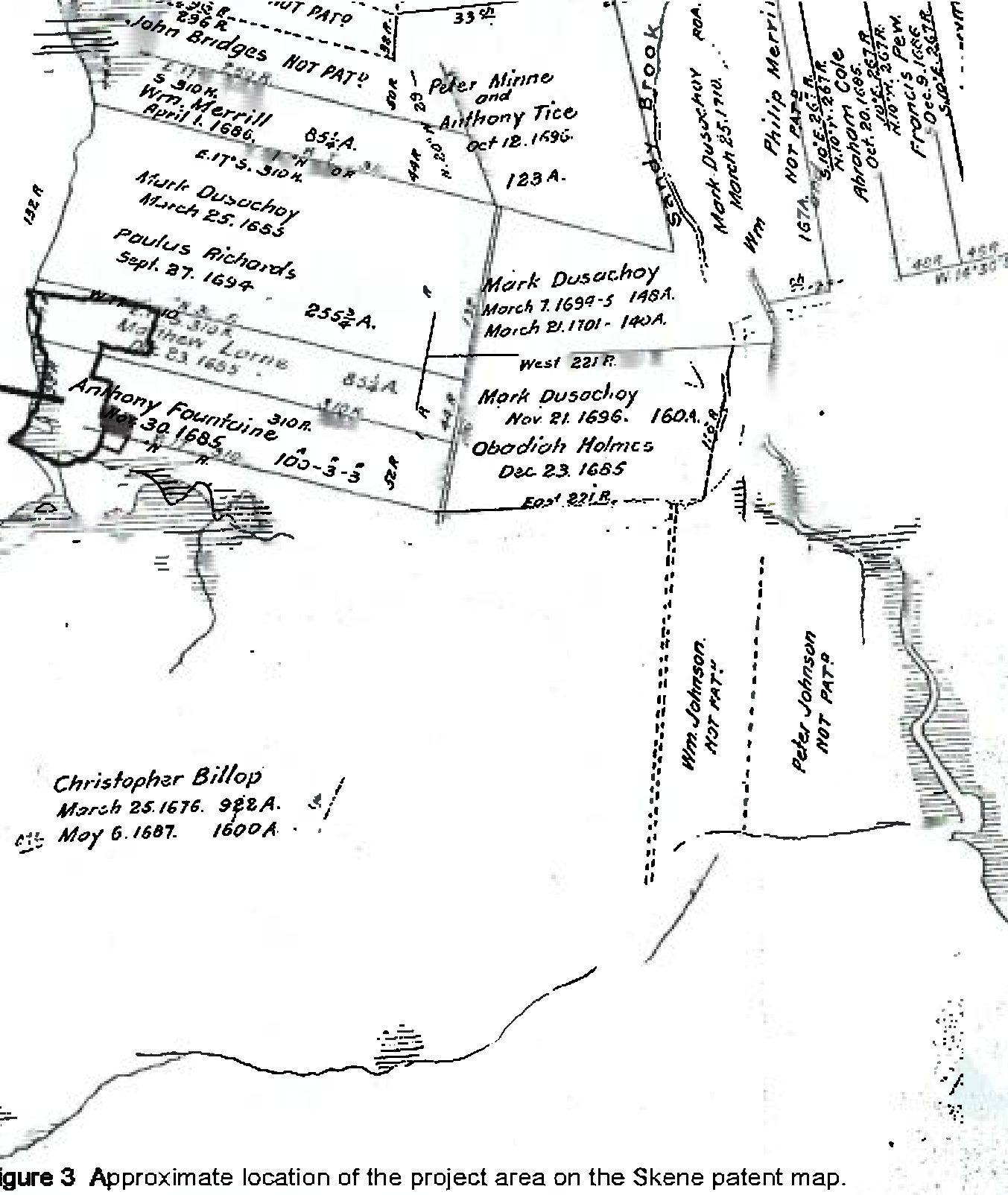


Figure 3 Approximate location of the project area on the Skene patent map.

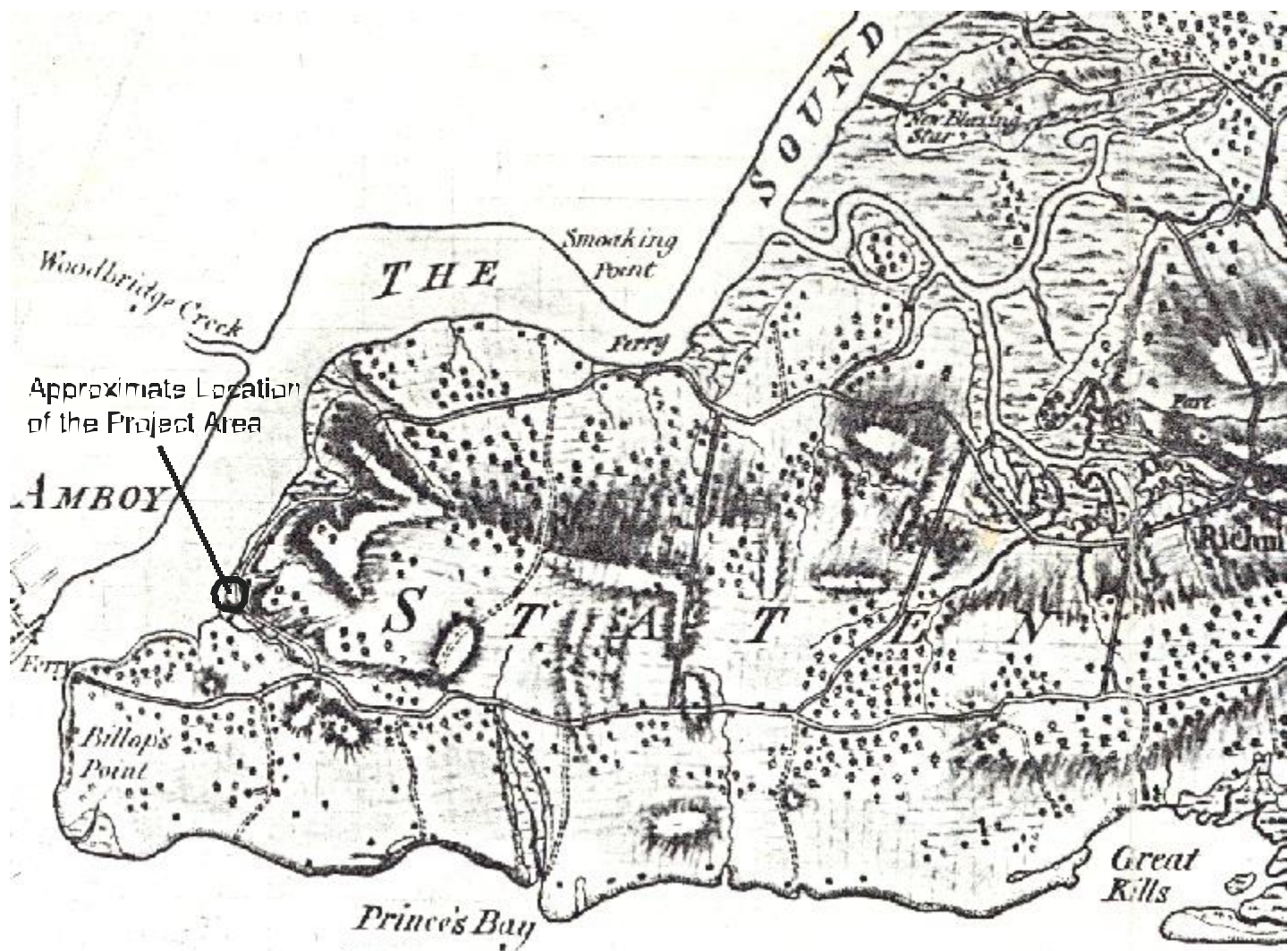


Figure 4 From the 1781 Skinner and Taylor map.

A MAP OF STATEN ISLAND

DURING THE REVOLUTION

1775 - 1783

COMPILED FROM THE FOLLOWING MAPS
AND FROM OTHER SOURCES

THE TAYLOR & SKINNER MAP 1781

Original in the British Museum gives geographical features and all Roads and Houses indicated in brown.

Plan No 31 du Camp Anglo-Hessois dans Staten Island de 1760 à 1783

Original in the French War Office gives features indicated in red, names of inhabitants and following

LEGEND

- A Small redoubt containing 60 men with a Block House.
- B Small Fort made of earth containing 200 men that fort and Fort C here in front a spot of ground which 2000 men can be paraded in order of battle and several Batteries can be raised there.
- C Small Fort made of earth containing about 150 men.
- D A Piece of rising ground which commands a little that of which the Redoubts are built.
- E Place of a Stone House formerly fortified and destroyed by Lord Sterling.
- F Fort with five Bastions made of earth containing 200 men.
- G Battered Batteries commanded by the Fort.
- H Two Redoubts with several wooden houses, and most part Stone houses each of the houses have an orchard.

THE NAMES: Northfield, Southfield, Westfield and Castle Town were not adopted until 1788 but are here used because of their familiarity. The respective Revolutionary titles were North, South and West Quarters, Divisions or Provinces and the Planes.

THE HESSIAN MAP 1777

Copy in New York Public Library gives Camp Sites indicated in blue with the following original

LEGEND

- a Richmond Headquarters of Col. Von Leeburg Capt. Seig with 60 men.
- b Ambury Ferry Col. Von Wurmb with 2 Companies.
- c Sandy Ground Maj. Von Wurmb with 2 Companies.
- d Capt. Waldenberg with 1 Company.
- e On Landing Star, Lt. Col. Van Schuer with 2 Companies.
- f New Blazing Star Col. Von Bose with 3 Companies.
- g Specter's Point Capt. Scher with 1 Company.
- h Elizabeth Town Ferry Col. Dieckhuysen with 3 Companies.
- i Naming Star Lt. Col. Van Langehe with 2 Companies.
- k Deckers Ferry Col. Schuender with 2 Companies.
- l Maj. Lowenstein with 2 Companies.
- m New York Col. Thiering with 200 Englishes.

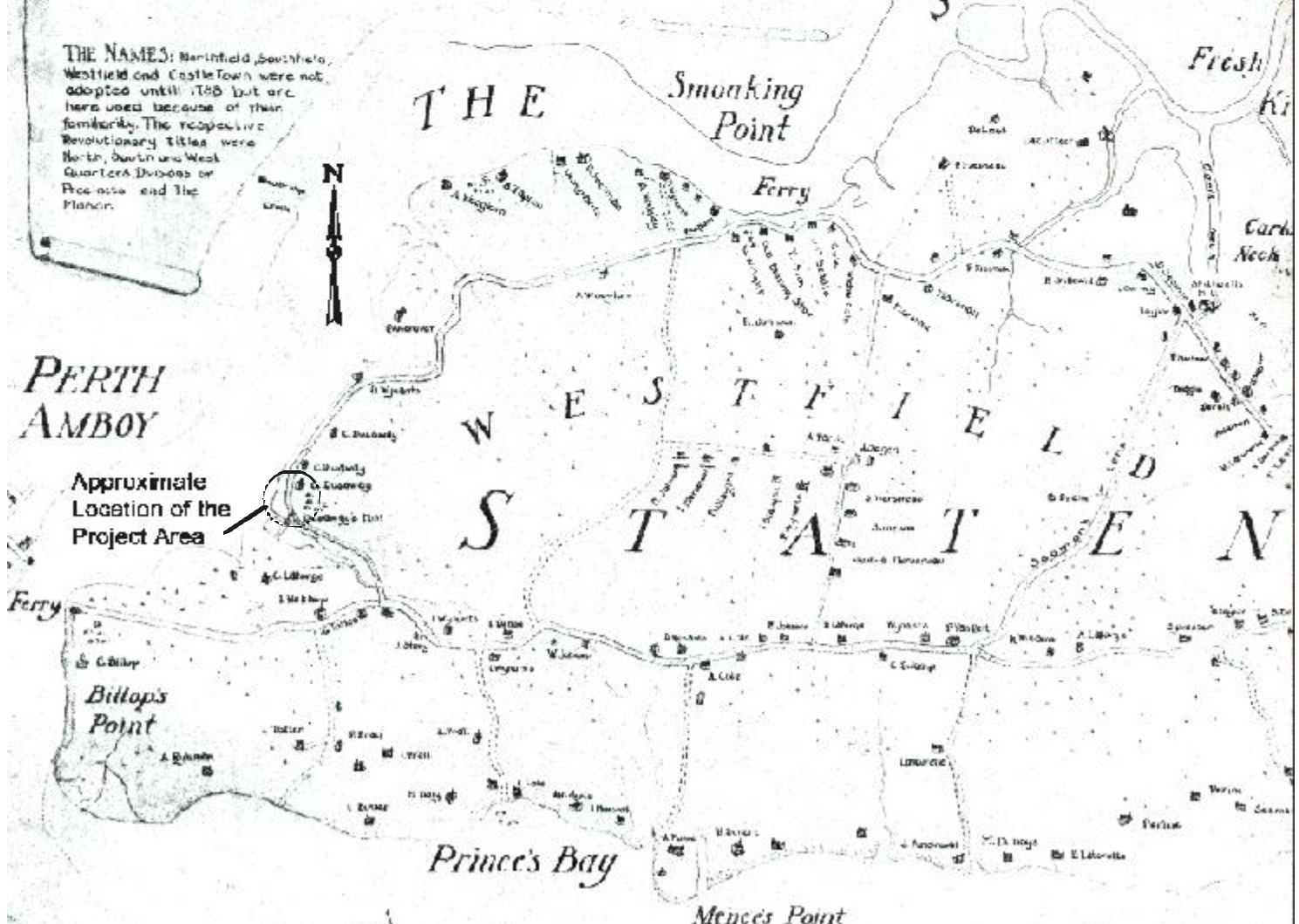


Figure 6 From McMillen 1933, A Map of Staten Island During the Revolution.

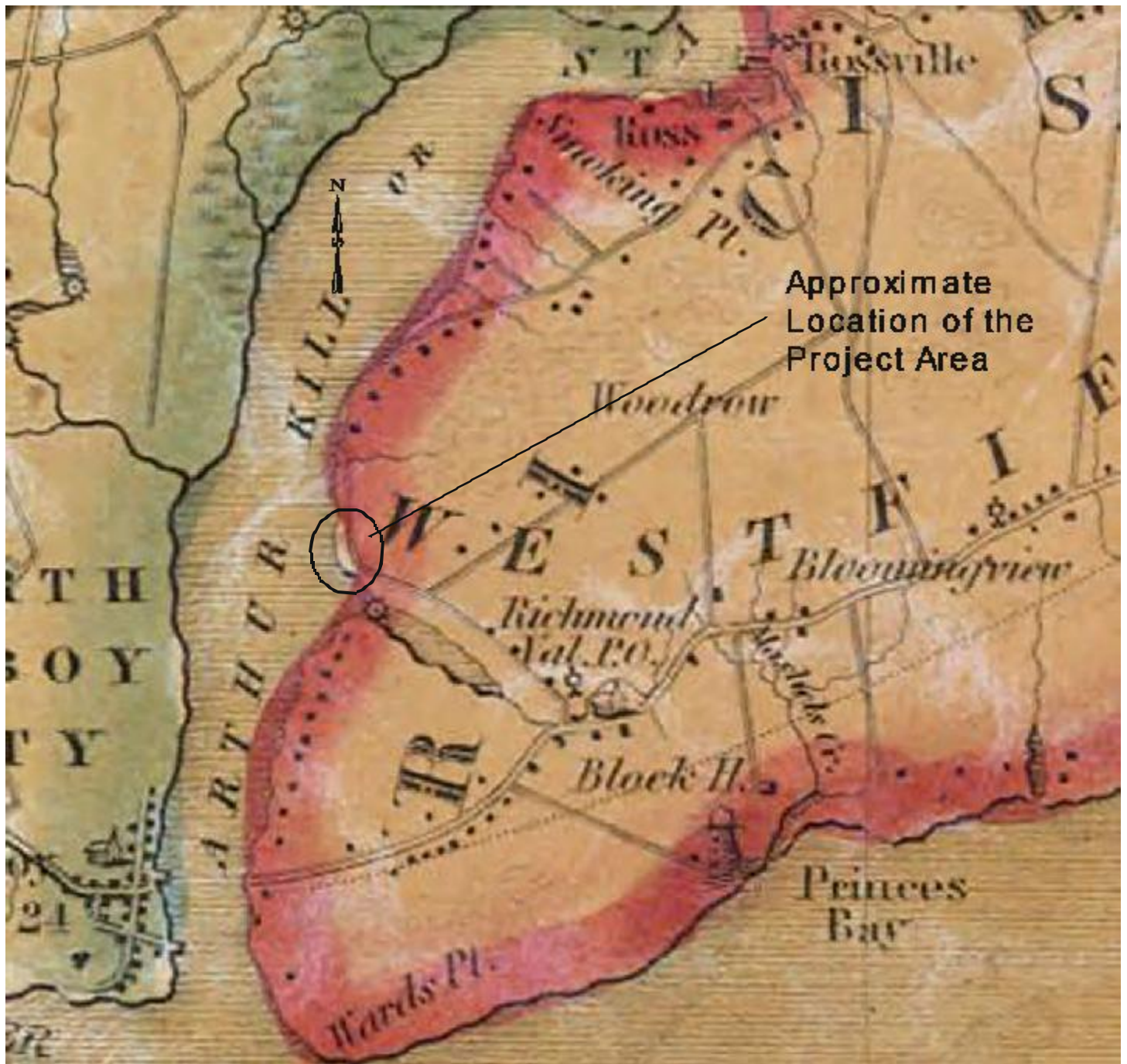


Figure 7 From the 1844 Smith map.



Figure 8 From the U.S. Coast Survey, 1845.

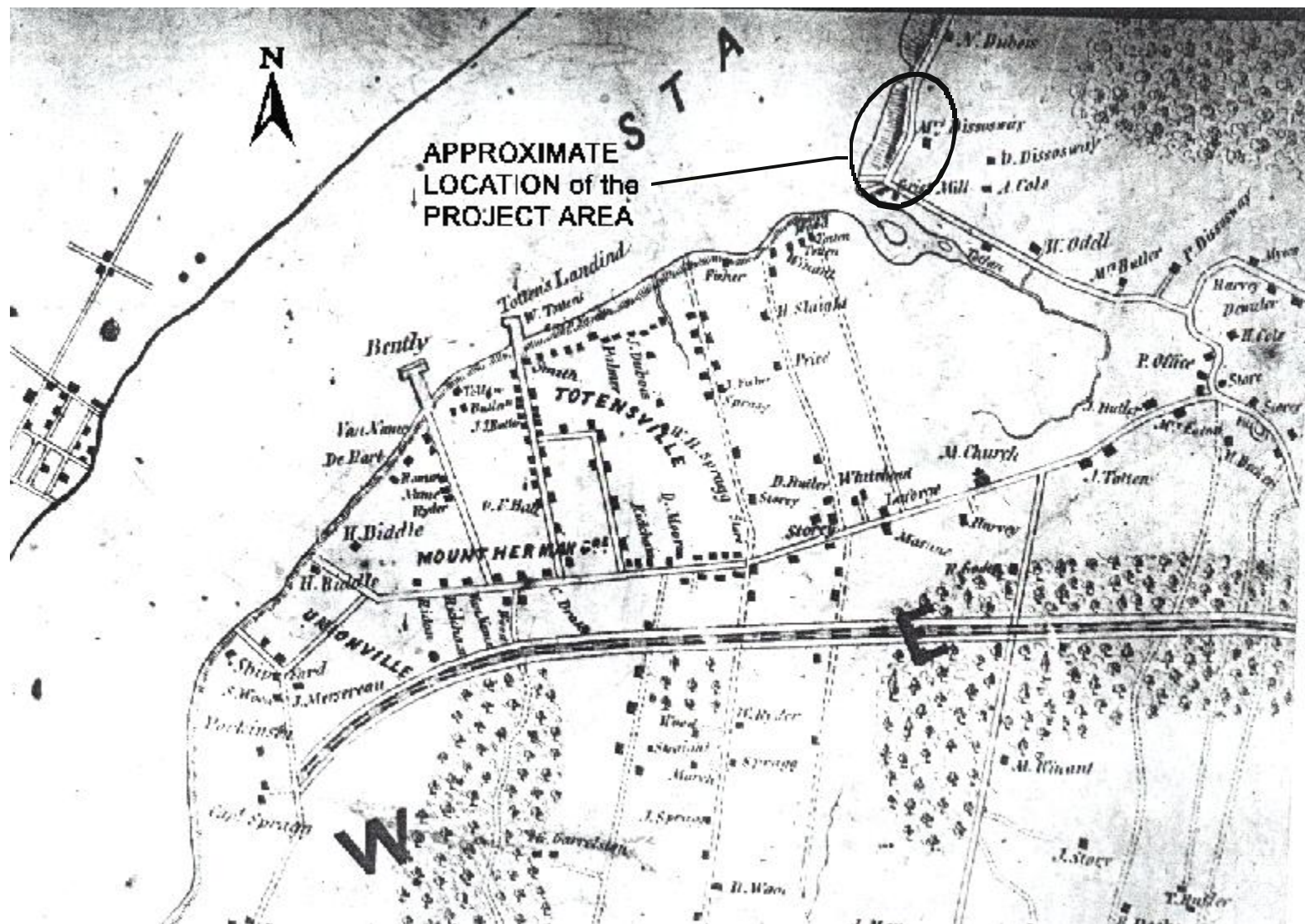


Figure 9 From the 1853 Butler map.

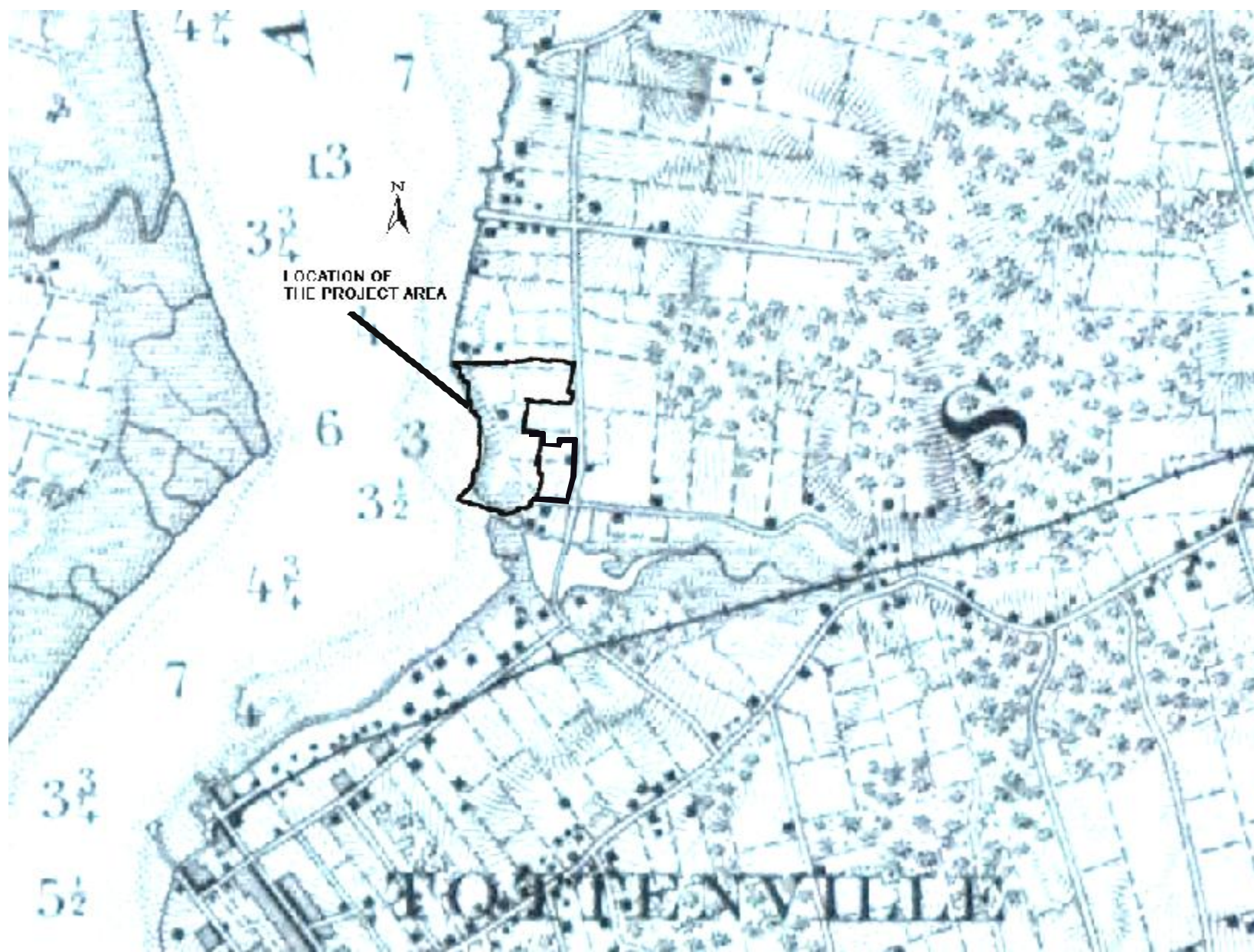


Figure 10 From the U.S. Coast Survey, 1866.

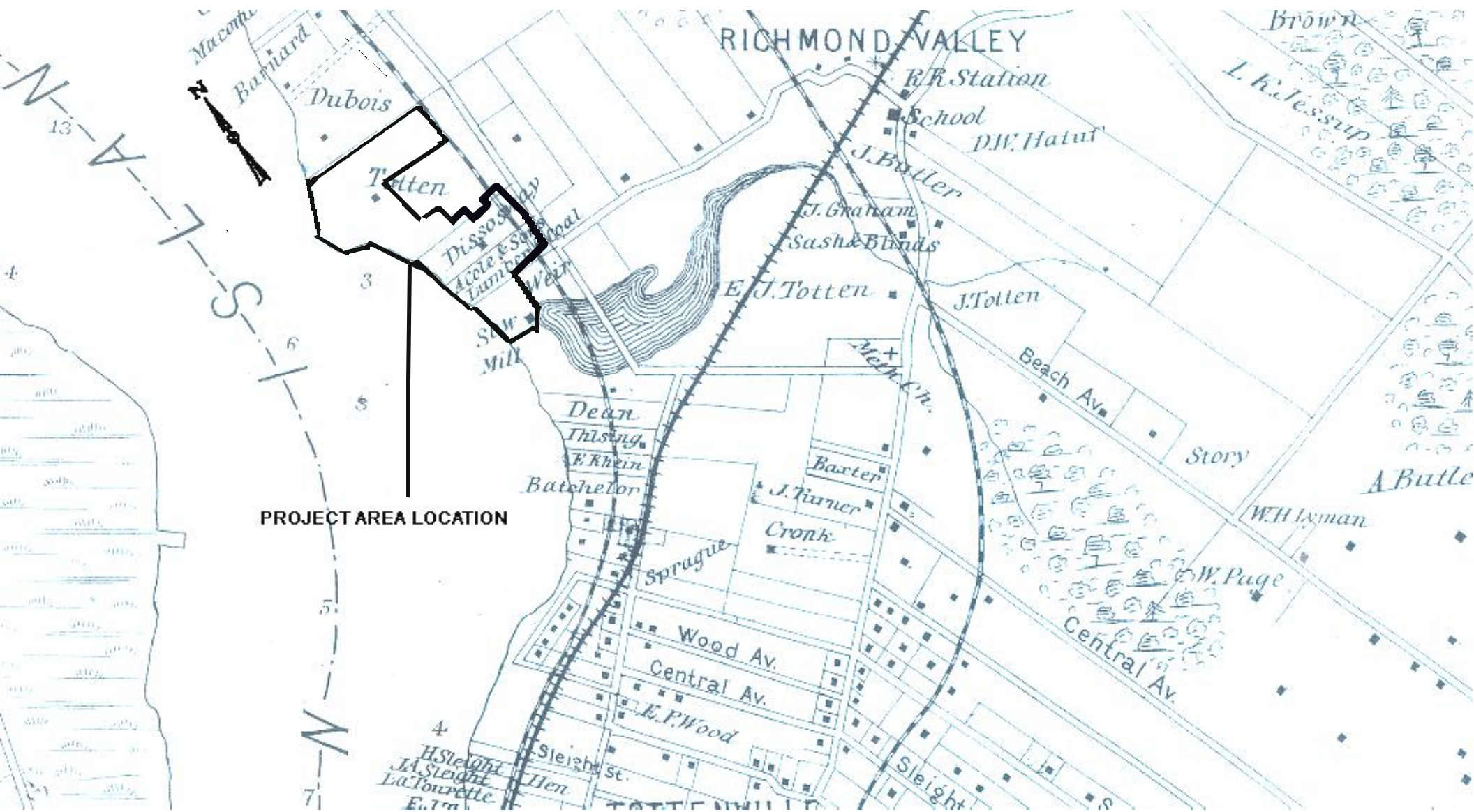


Figure 11 From the 1872 Dripps map.

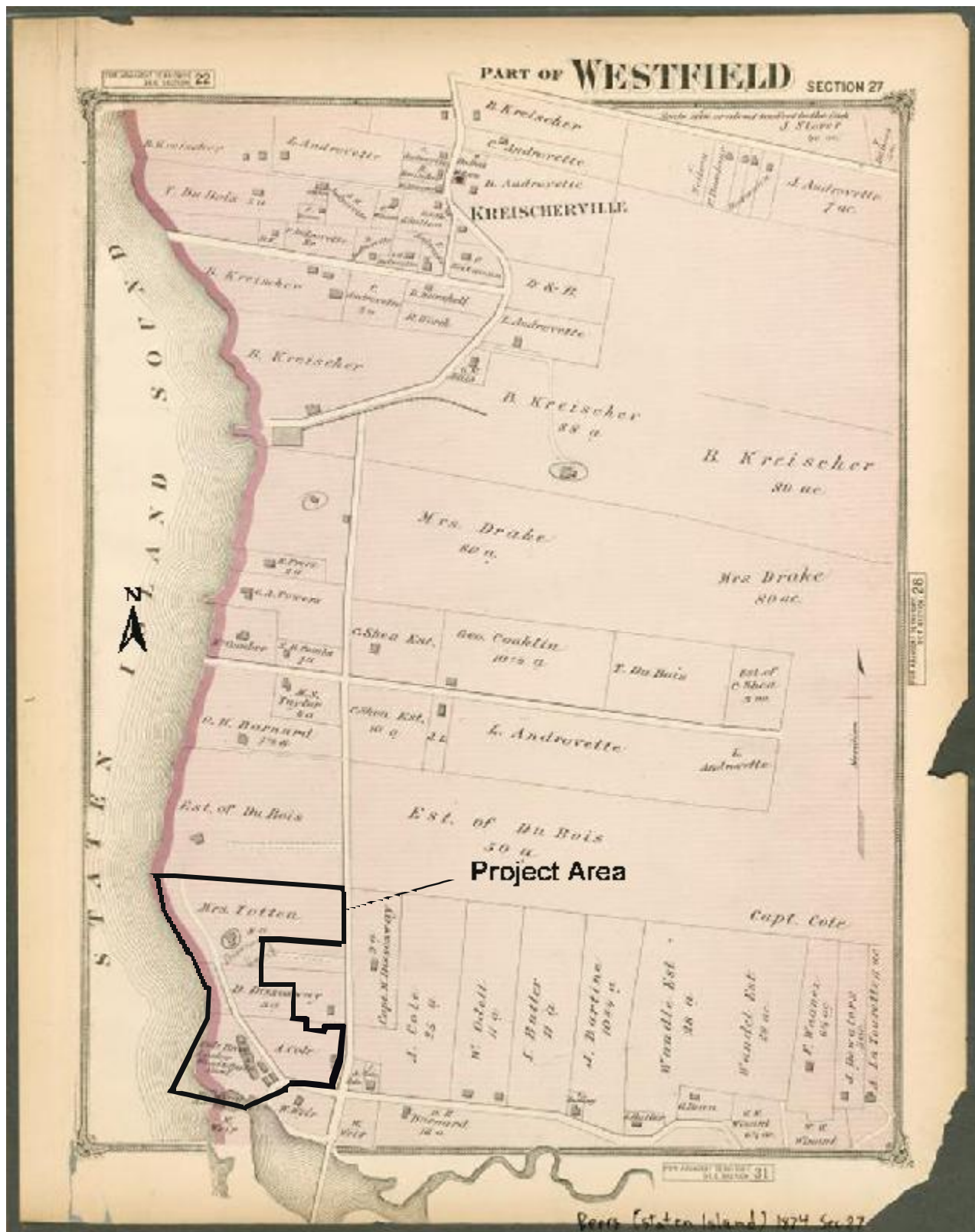


Figure 12 From the 1874 Beers atlas.

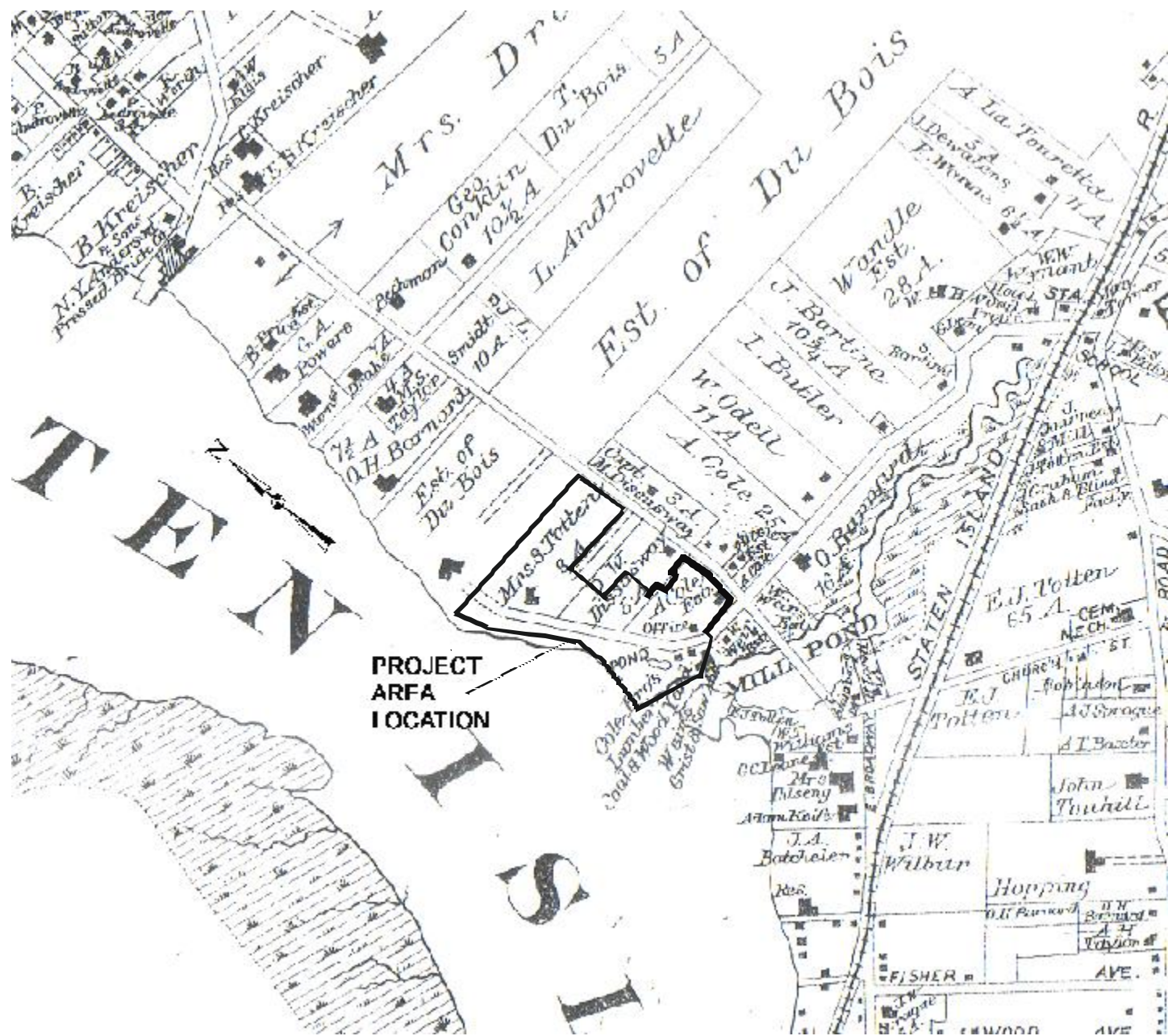


Figure 13 From the 1887 Beers map.

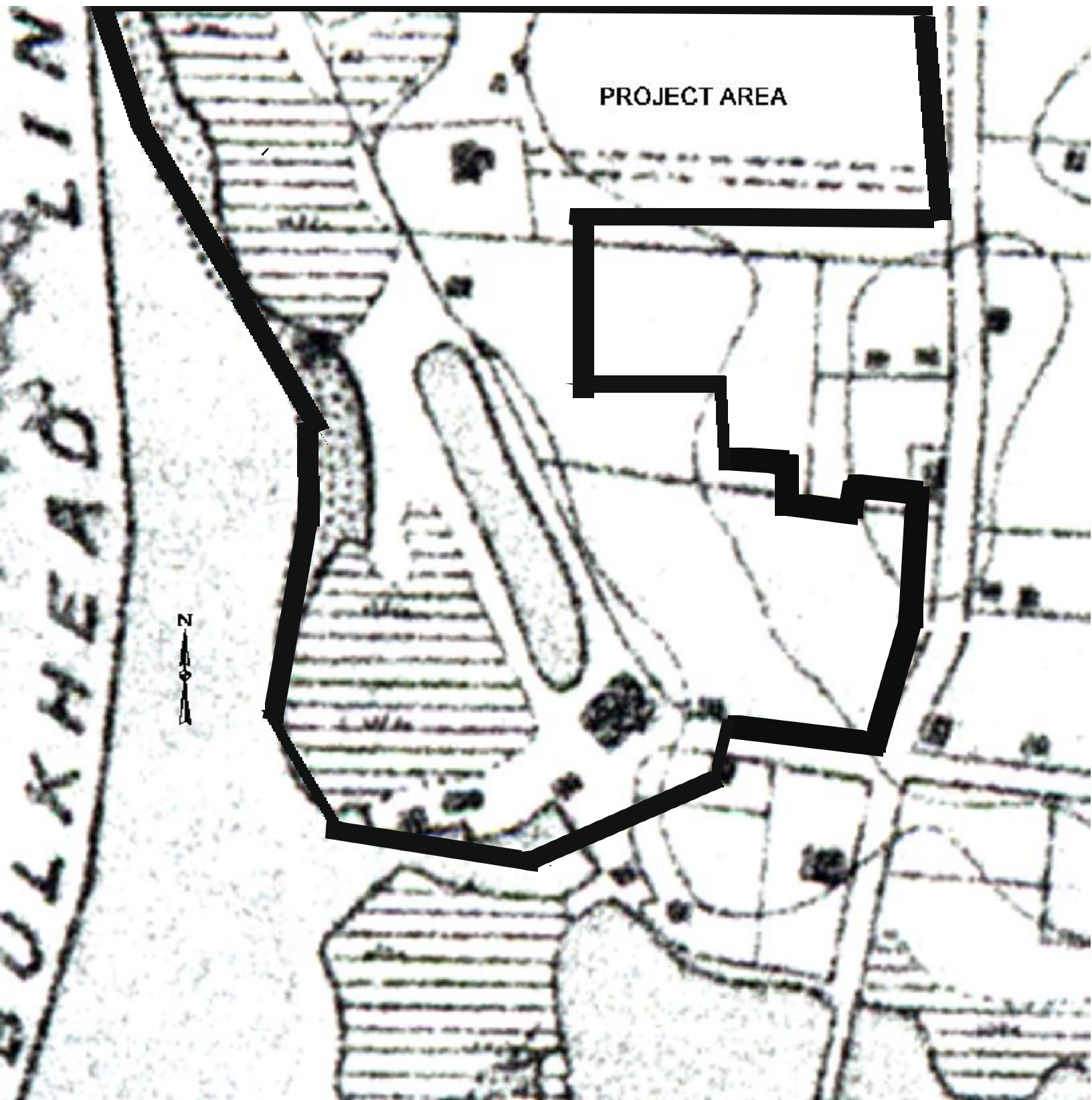


Figure 14 From the 1890 Vermuele and Bien map.

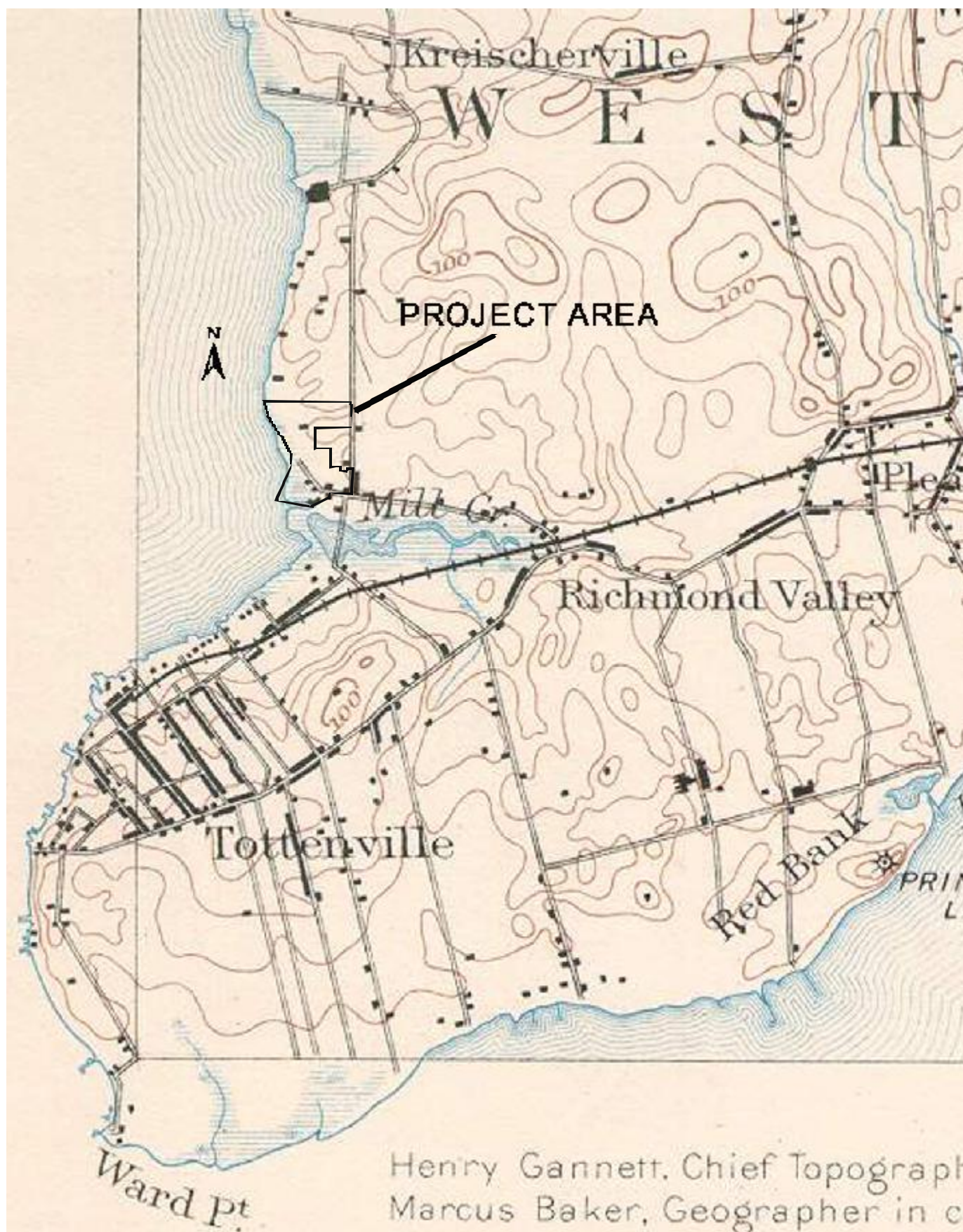


Figure 15 From the U.S.G.S. 15 minute Staten Island, N.Y. quadrangle.

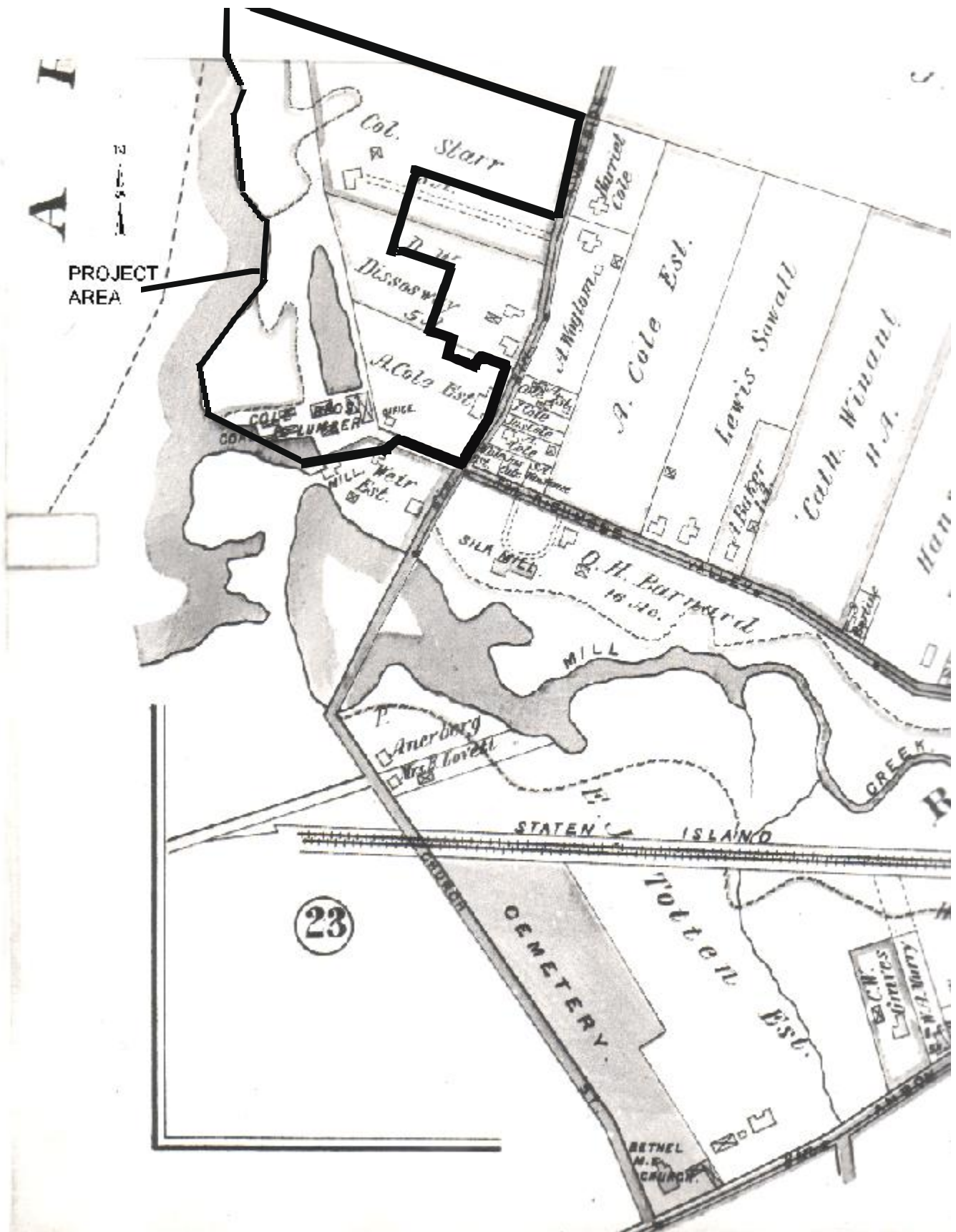


Figure 16 From the 1898 Robinson atlas.

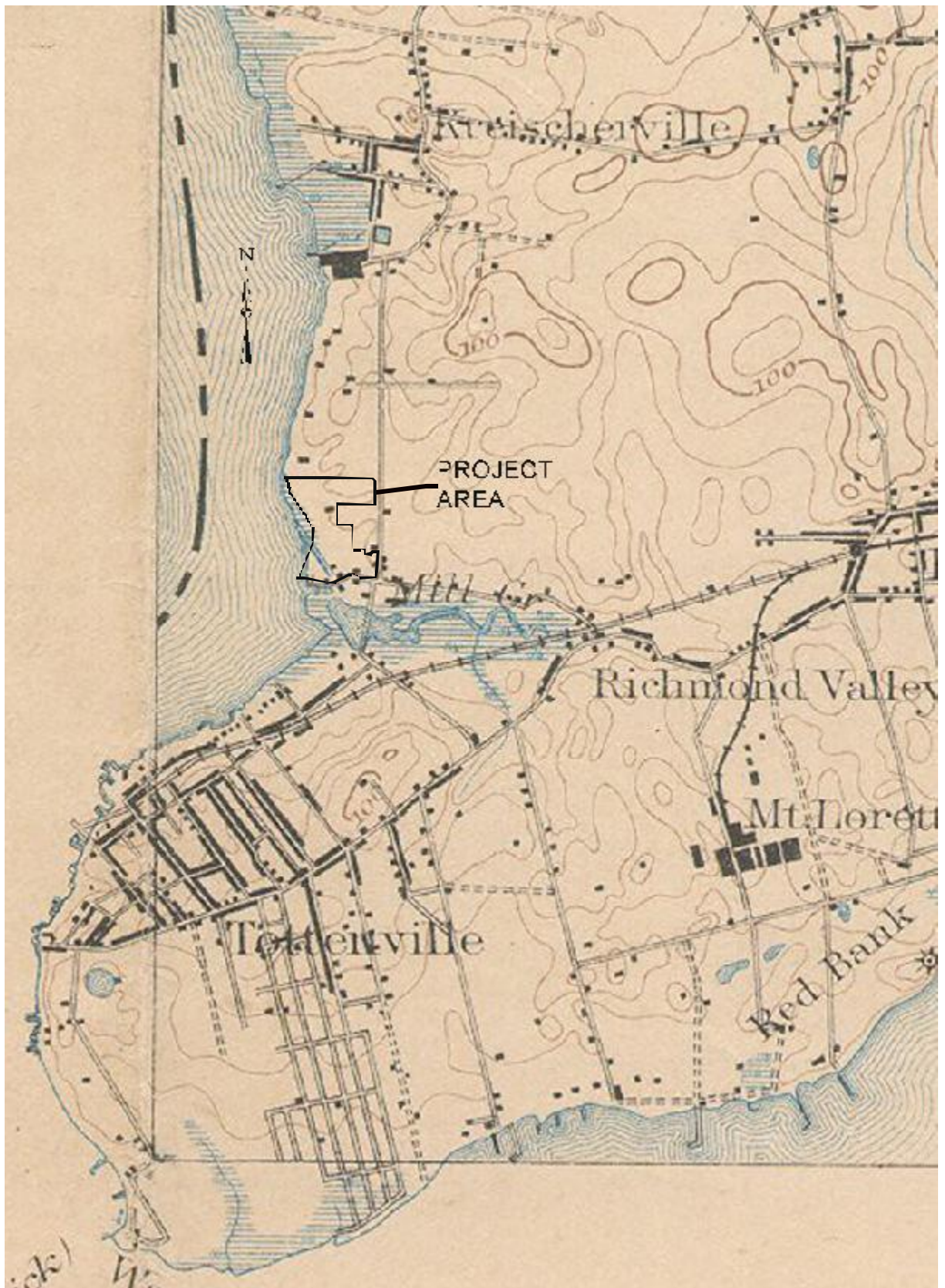


Figure 17 From the 1898 U.S.G.S. 15 minute Staten Island quadrangle.

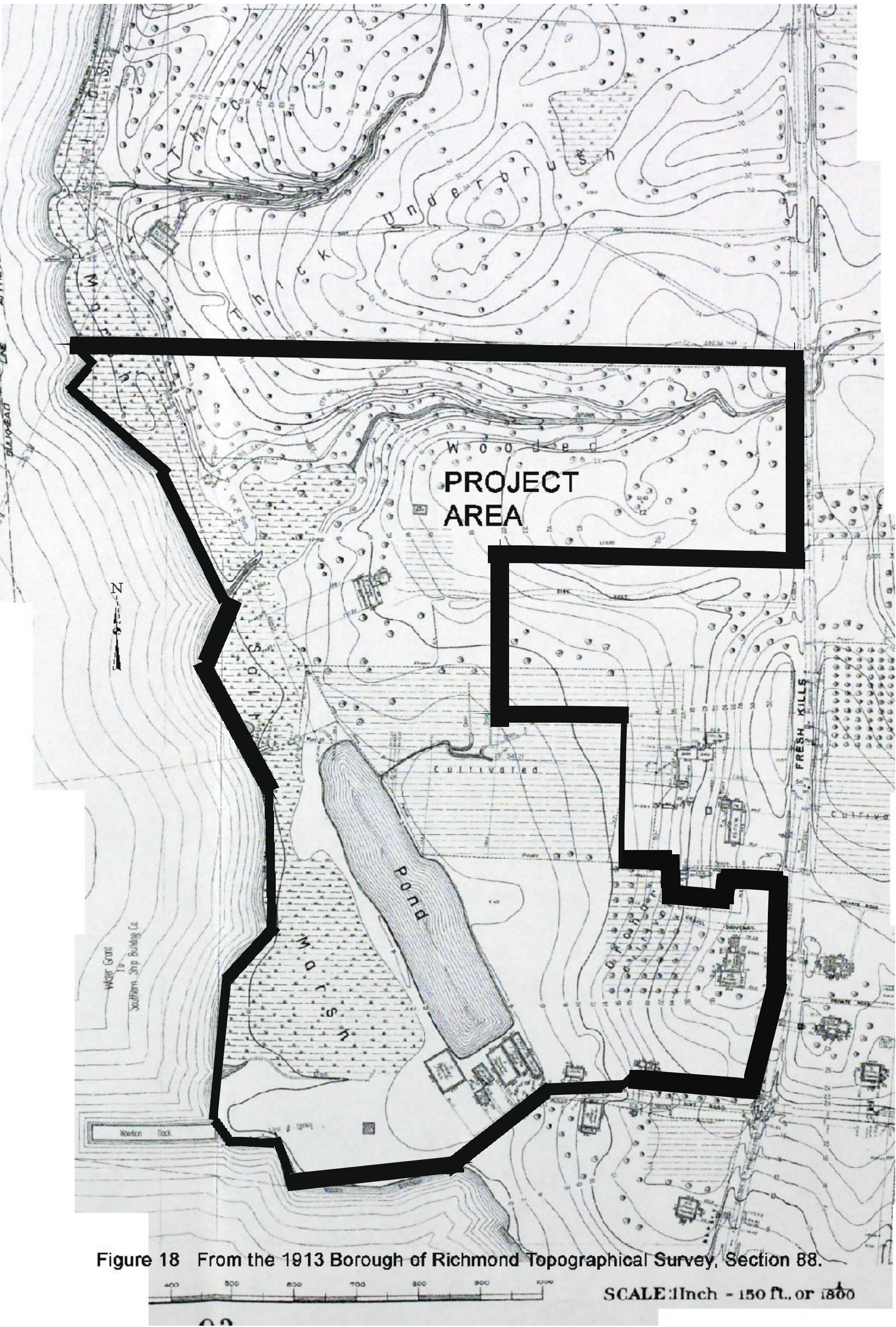


Figure 18 From the 1913 Borough of Richmond Topographical Survey, Section 88.

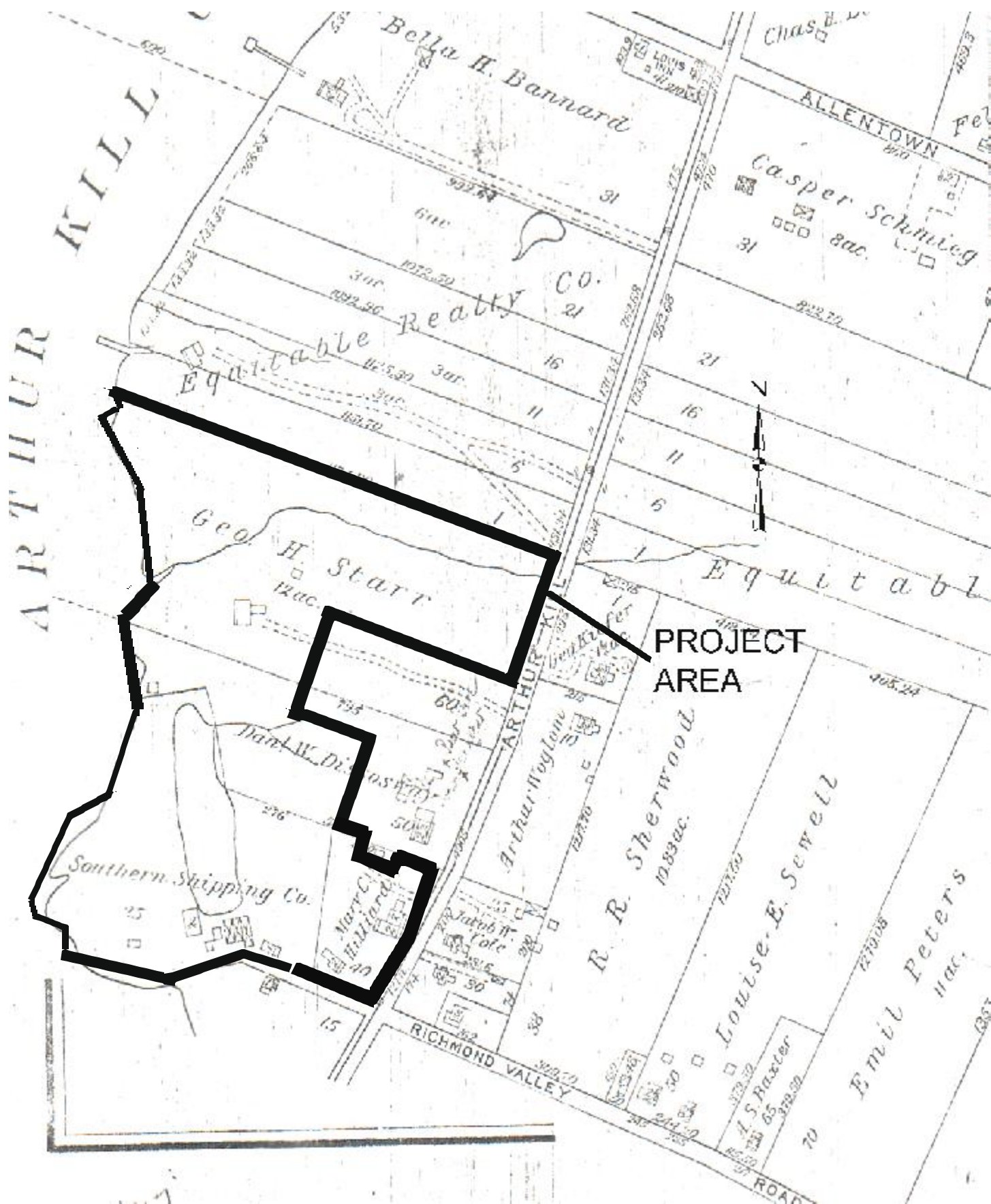


Figure 19 From the 1917 Bromley Atlas, Plate 41.

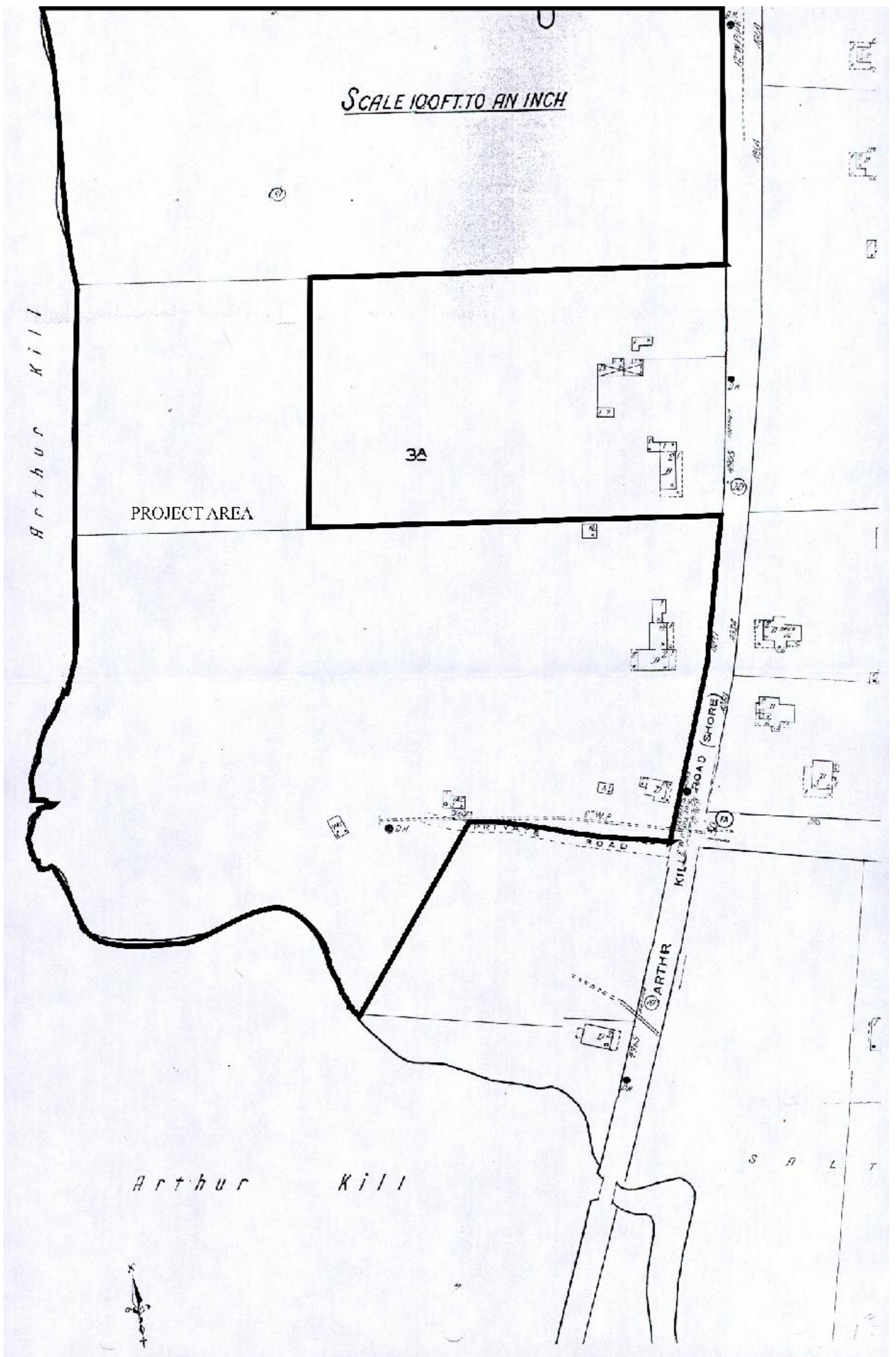


Figure 20 From the 1917 revised Sanborn showing the Moran Towing & Transportation Company complex at the end of Richmond Valley Road.

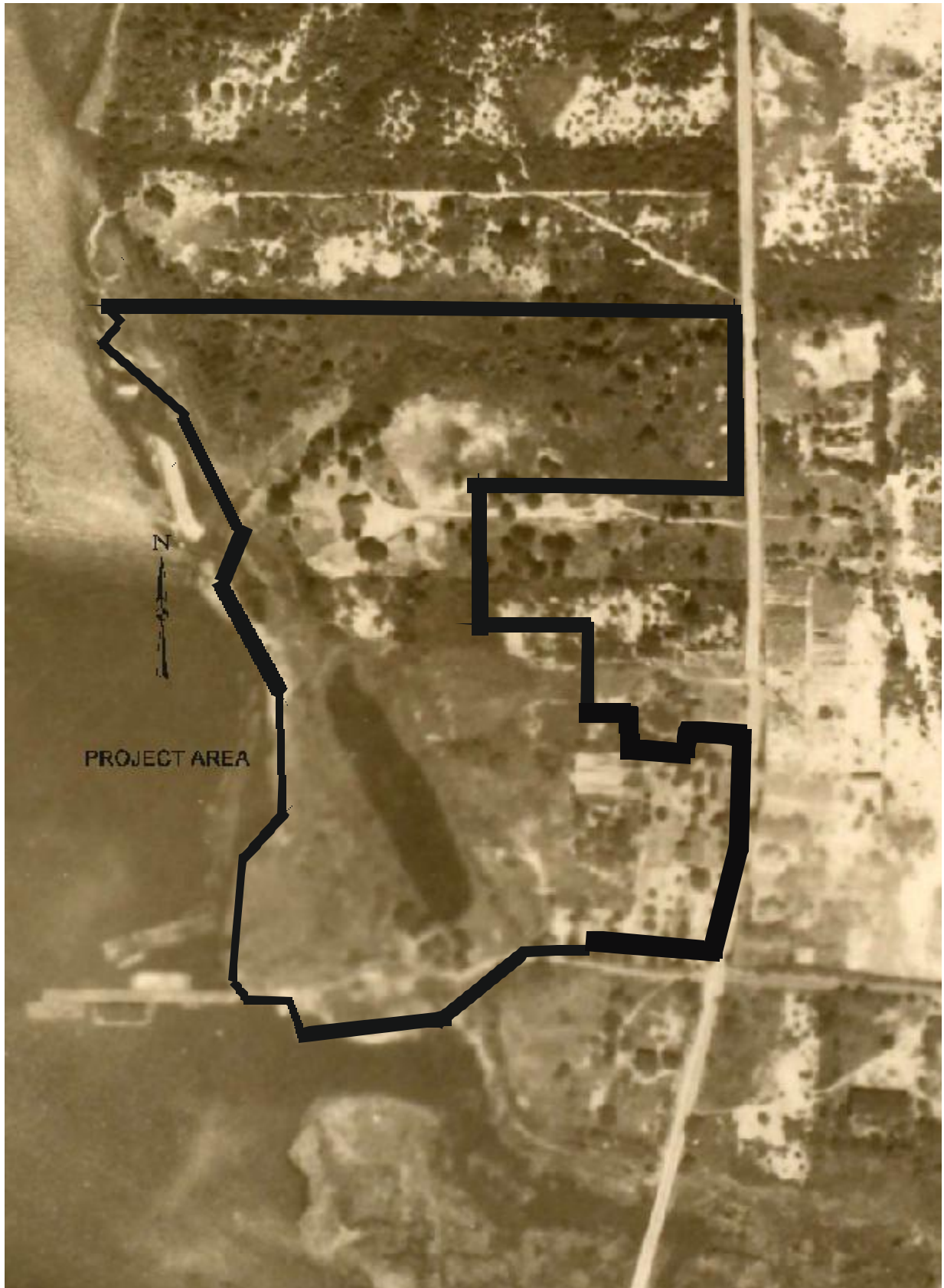


Figure 21 From the 1924 New York City Bureau of Engineering aerial atlas, Plate 32D.



Description

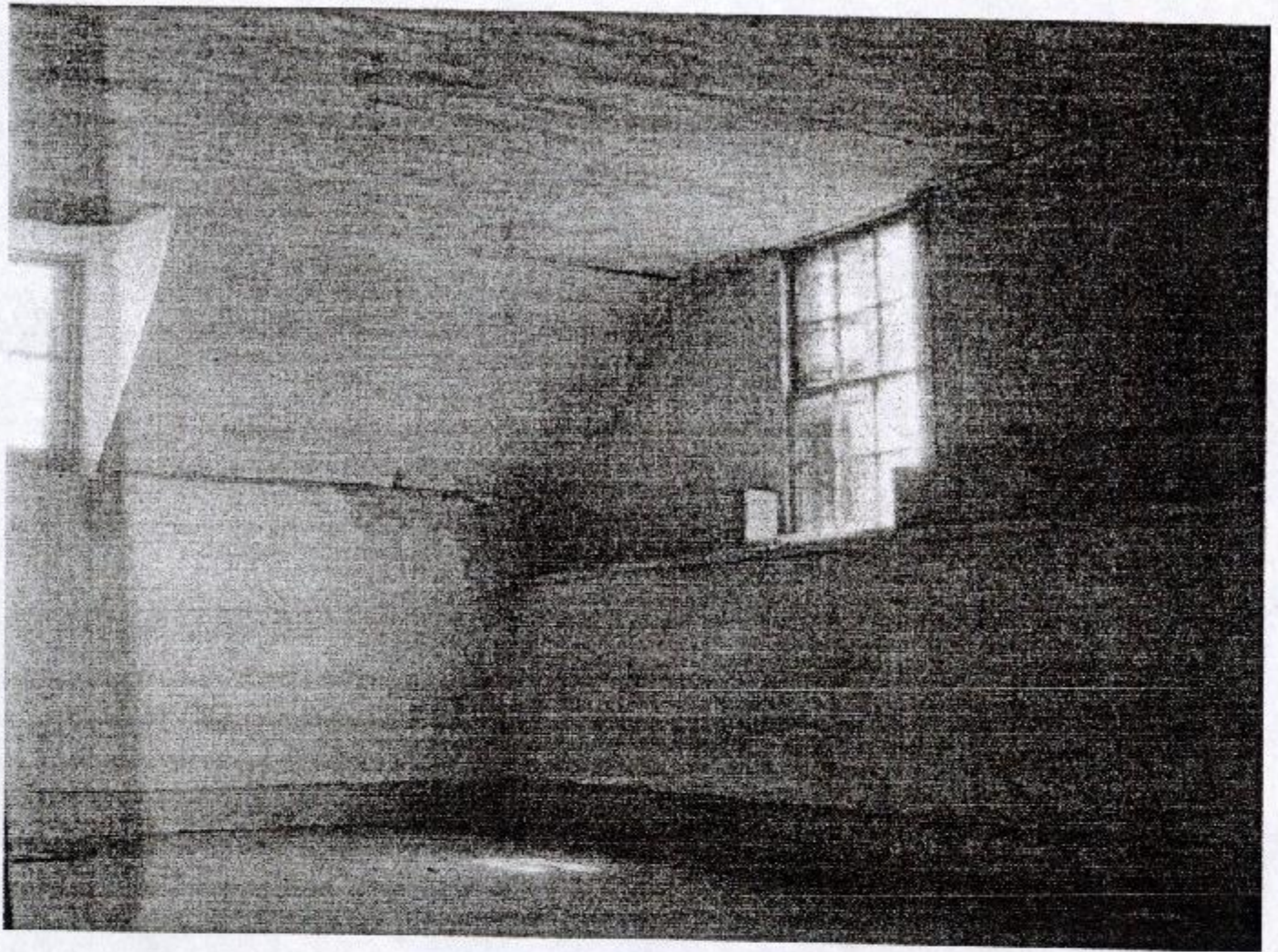
Front Cover: Black and white copy negative of two figures, a man and a woman in front of a house. The house has a porch with pillars and part of a smaller building is pictured.

Back of photo "Disosway House near Kreischerville, S.I., N.Y., April 22, 1920." (notes written by William T. Davis)

People

Davis, William T.

Figure 22 Photo from a negative WTD 3551, Disosway House near Kreischerville, S.I., N.Y., April 22, 1920", showing a man and woman standing in front of the house (Davis 1920).



Description

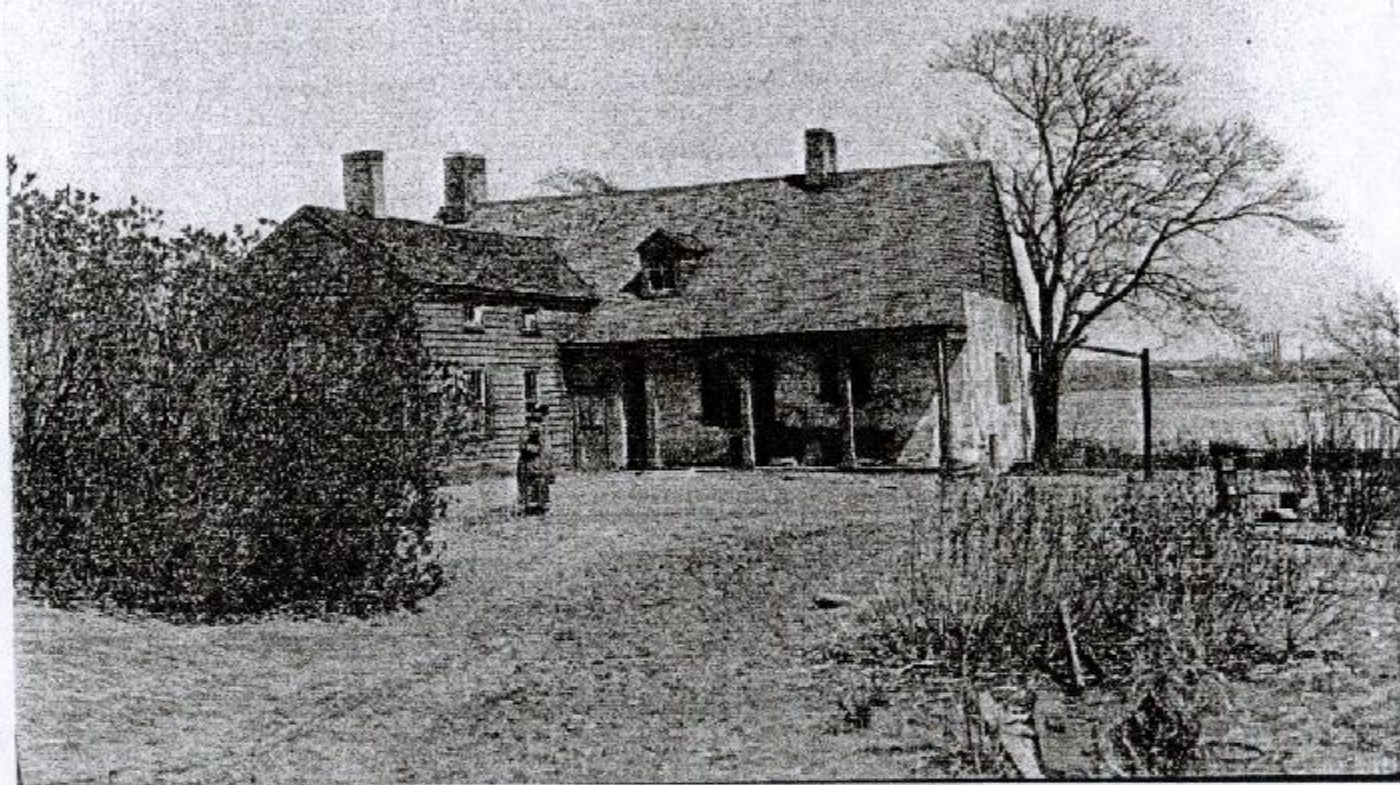
Front Cover: Black & White copy negative of an empty room that appears to be on the upper floor of a house. There are two windows and a wood planked ceiling and thick wood beams on a ledge below one of the windows.

Back of photo: "Disosway House S.I., IV. 22, 1920, near Kreischerville, S.I., N.Y." (Written by William T. Davis)

People

Davis, William T.

Figure 23 Photo from a negative WTD 3556 is marked Disosway House S.I., IV. 22, 1920, near Kreischerville, S.I., N.Y. and shows the corner of a vacant room on the upper story of the house (Davis 1920).



Description

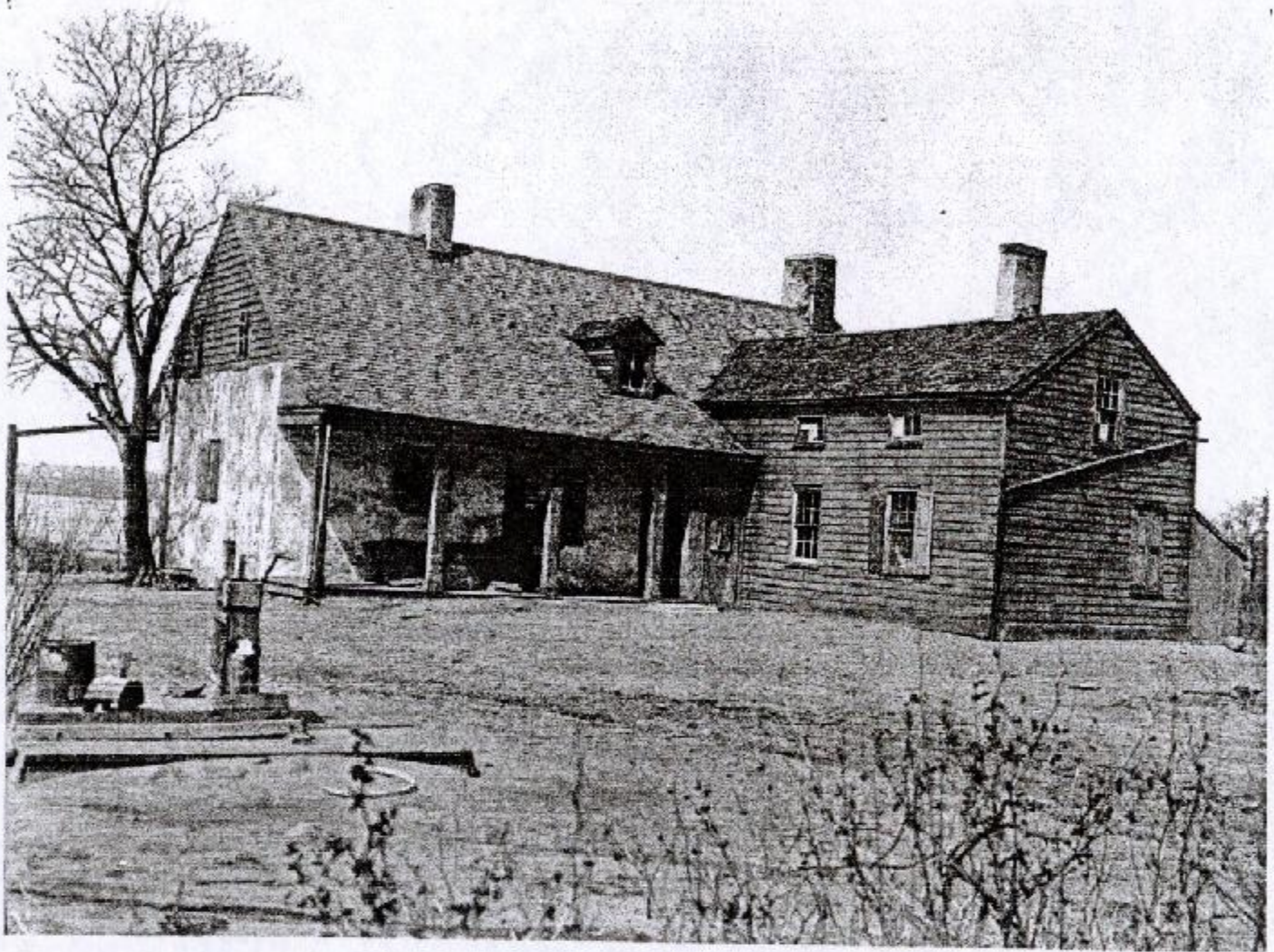
Front Cover: Black & White photograph of a figure standing near what appears to be the back of the house. There is an attached wing to the home and a large shrub or bush and a tree along the side of the house.

Back of photo: "Disosway House, S.I., IV. 22, 1920" (Written by William T. Davis)

People

Davis, William T.

Figure 24 WTD 3558 Dissosway House, Richmond Valley, shows the back of the house looking toward the Arthur Kill. This photograph was "flopped", that is printed backwards (compare with WTD 3560).



Description

Front Cover: Black & White photograph of back of a house. Pictured a distance from the house is apparatus that may be a water pump.

Back of photo: "Disosway House, near Kreischerville, Staten Island, N.Y., April 22, 1920" (Written by William T. Davis)

People

Davis, William T.

Figure 25 WTD 3560 is inscribed Disosway House near Kreischerville, Staten Island, N.Y., April 22, 1920. It shows the rear of the house. The view is to the northeast.



Description

Front Cover: Black & White photograph of a house with several pillars and a front porch. The ground in front of the house is bare with no plants or shrubs.

Back of photo: Disosway House near Kreischerville, S.I., N.Y., April 22, 1920. (notes written by William T. Davis)

People

Davis, William T.

Figure 26 WTD 3637, marked Disosway House near Kreischerville, S.I., N.Y., April 22, 1920 shows the front (west) side of the house including the porch, which appears to be supported by large boulders.

18. The Old Weir Mill, Richmond Valley. Photograph, ca. 1892. Collection of the Staten Island Historical Society. In the distance is the Cole Brothers' coal and lumber yard with a canal boat, heaps of coal on the dock and the sailing vessel Fannie B. This description according to Benjamin F. Joline, "Tottenville in Retrospect," p. 49.

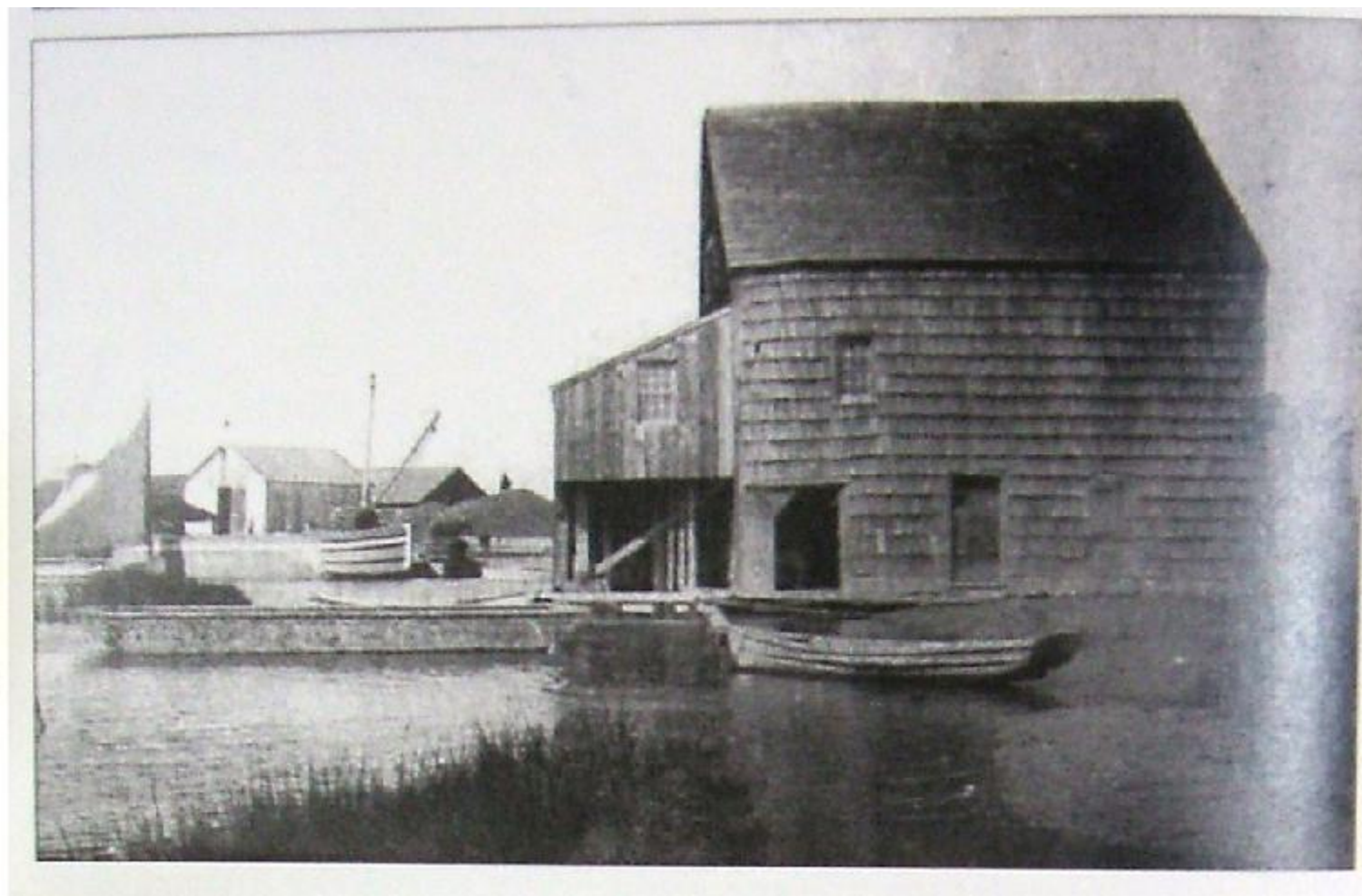


Figure 27 Photograph first published in Tottenville in Retrospect showing the Old Weir Mill and the Cole Brothers coal and lumberyard. See text for the full caption (Joline 1950:49; photo reprinted in Shepherd 2008:36).

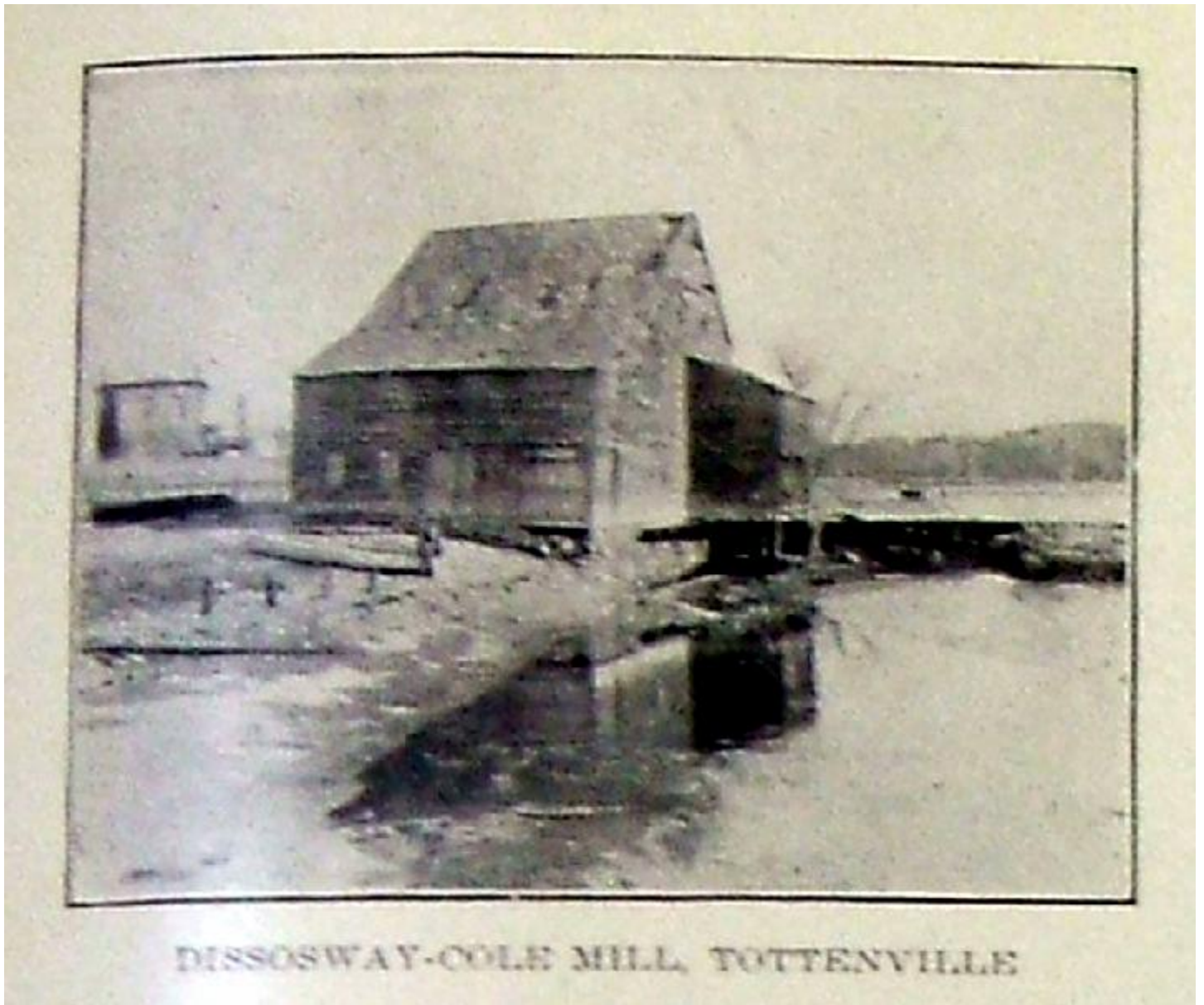
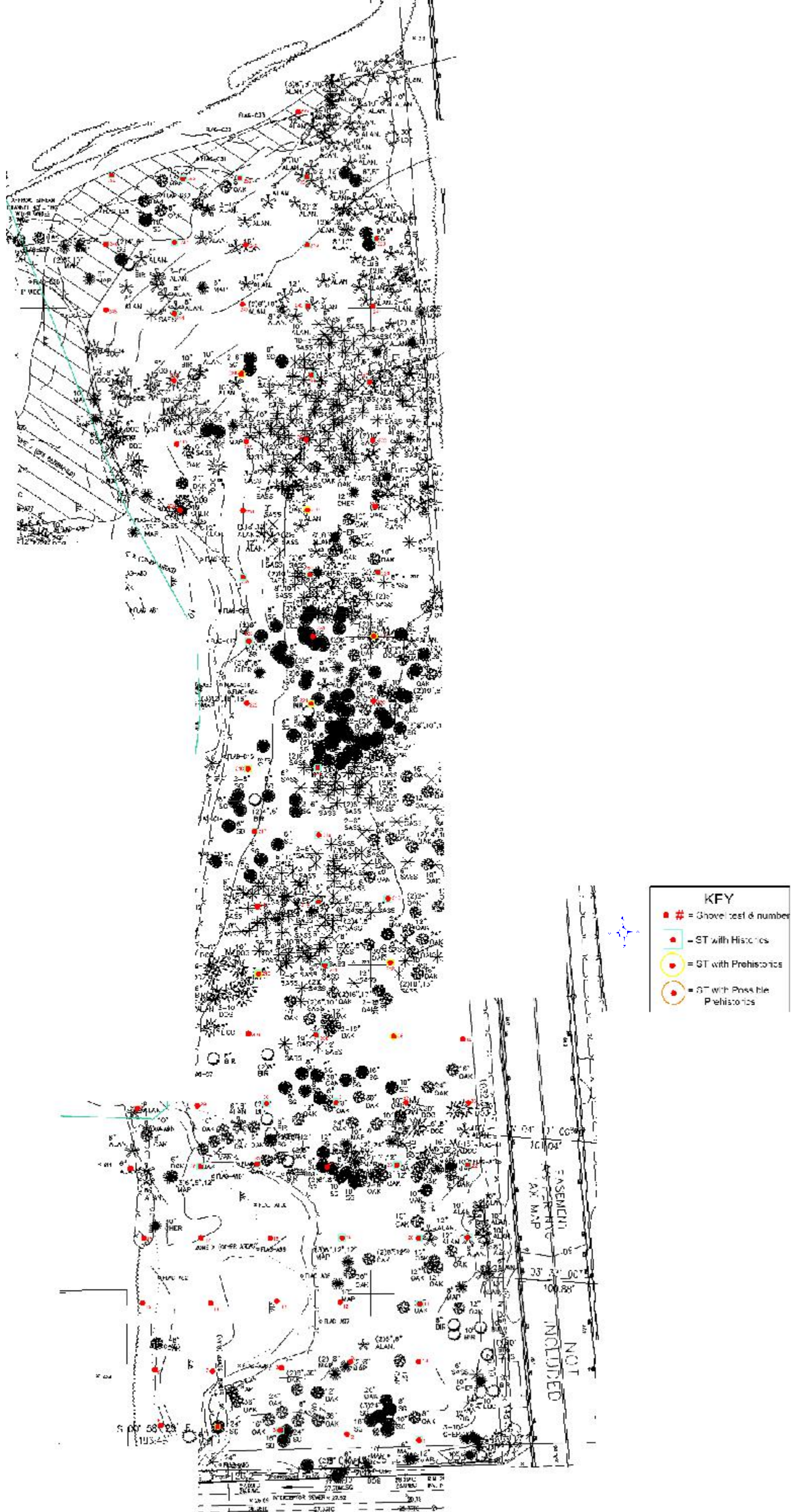


Figure 28 Dissosway-Cole Mill, Tottenville from Staten Island and Its People, A History 1609-1929 (Leng and Davis 1930).



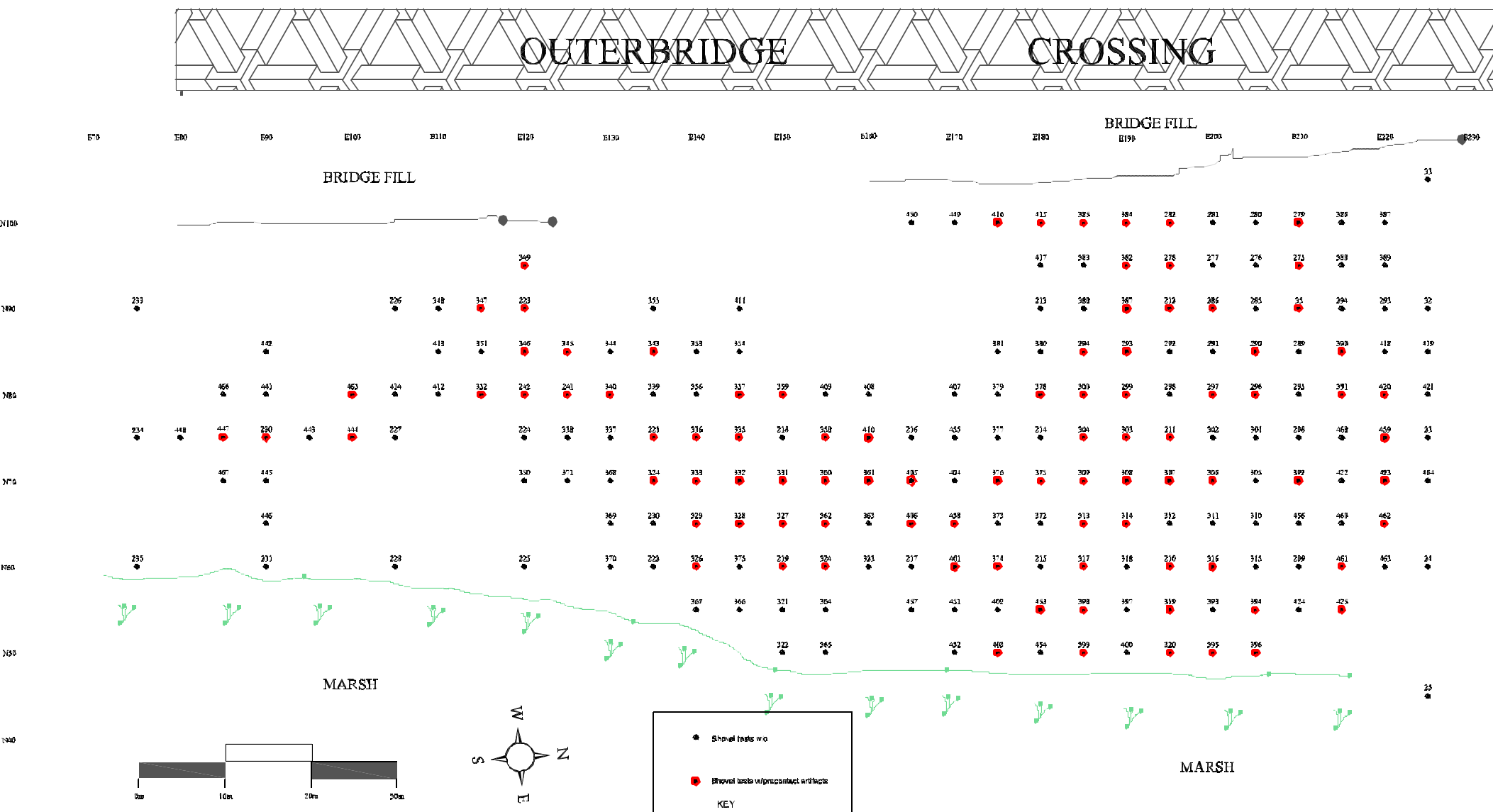
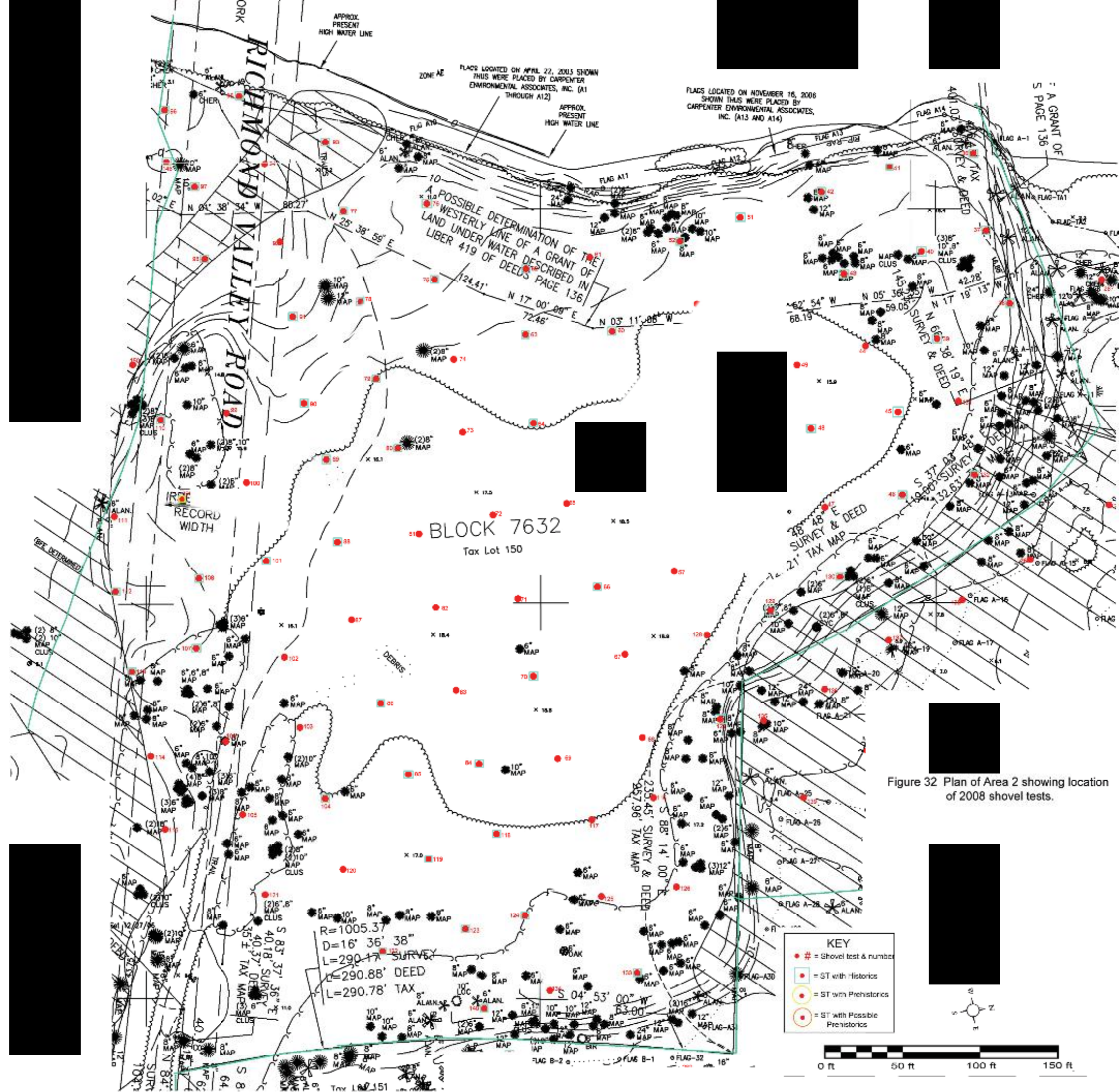
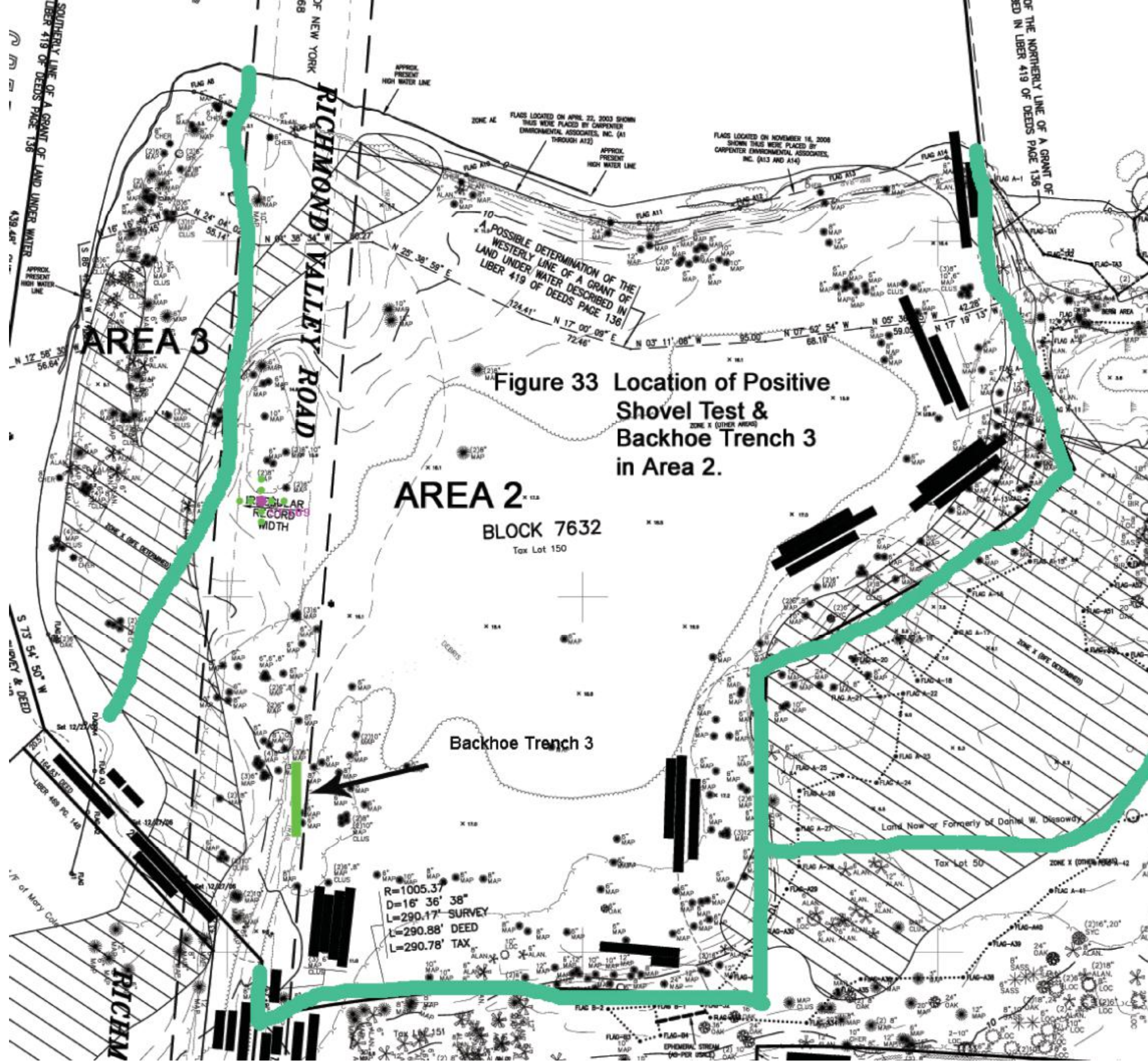


Figure 31 Plan of Area 1 Showing the location of 2013 and 2008 shovel tests.





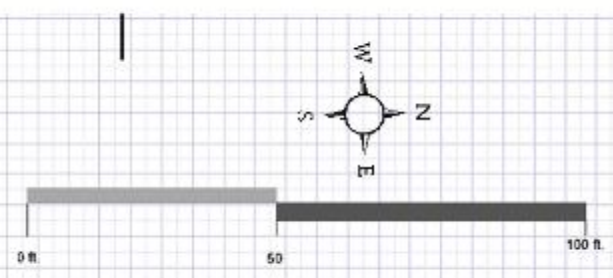
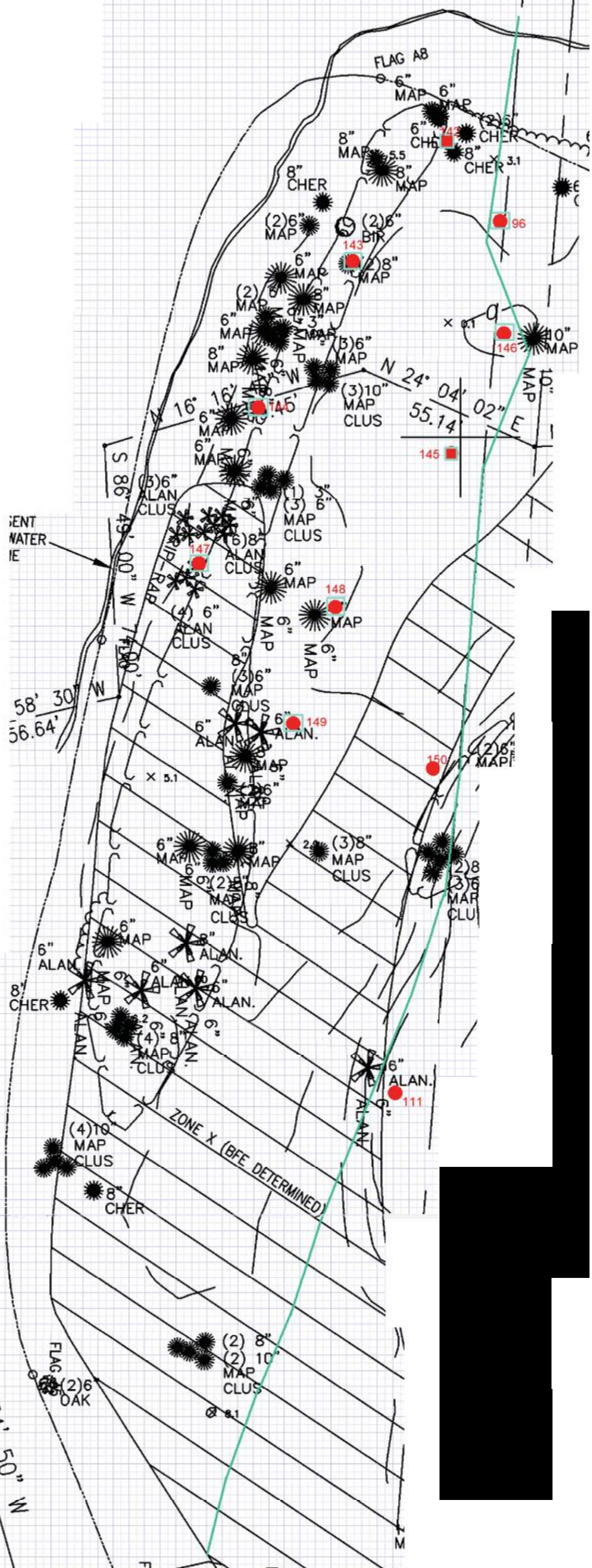


Figure 34 Plan of Area 3, showing 2008 shovel tests.

KEY

- # = Shovel test & number
- = ST with Historics
- = ST with Prehistorics
- = ST with Possible Prehistorics

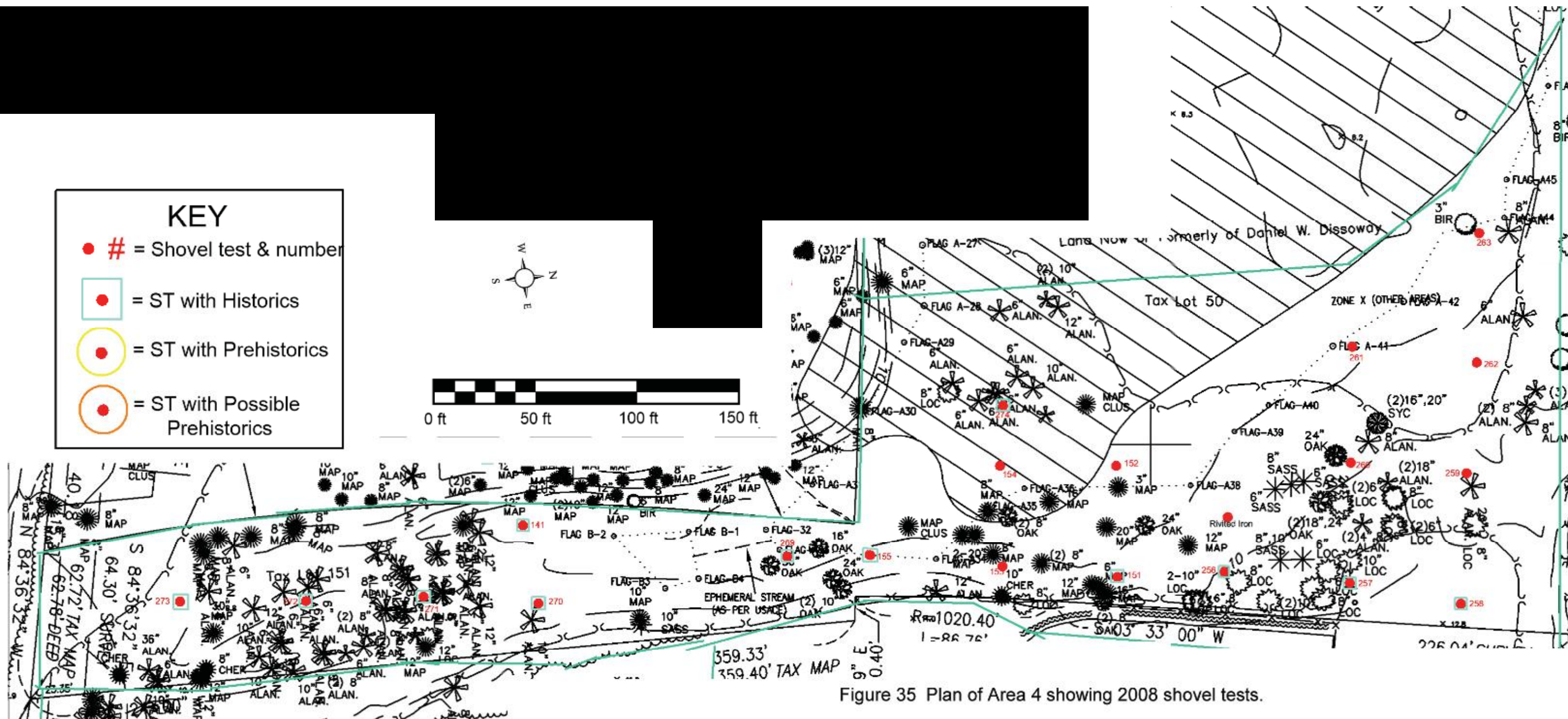
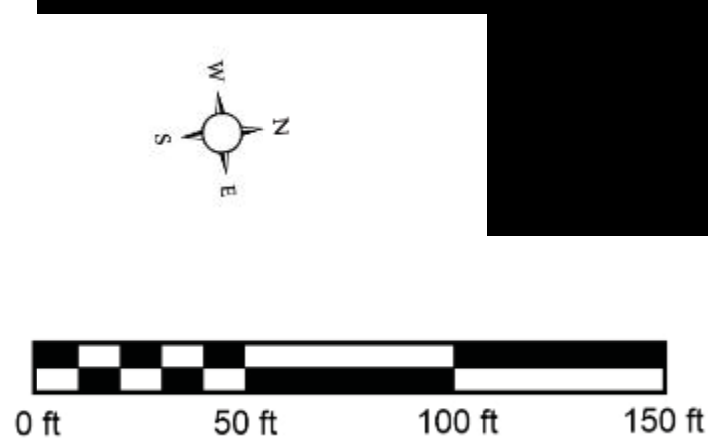
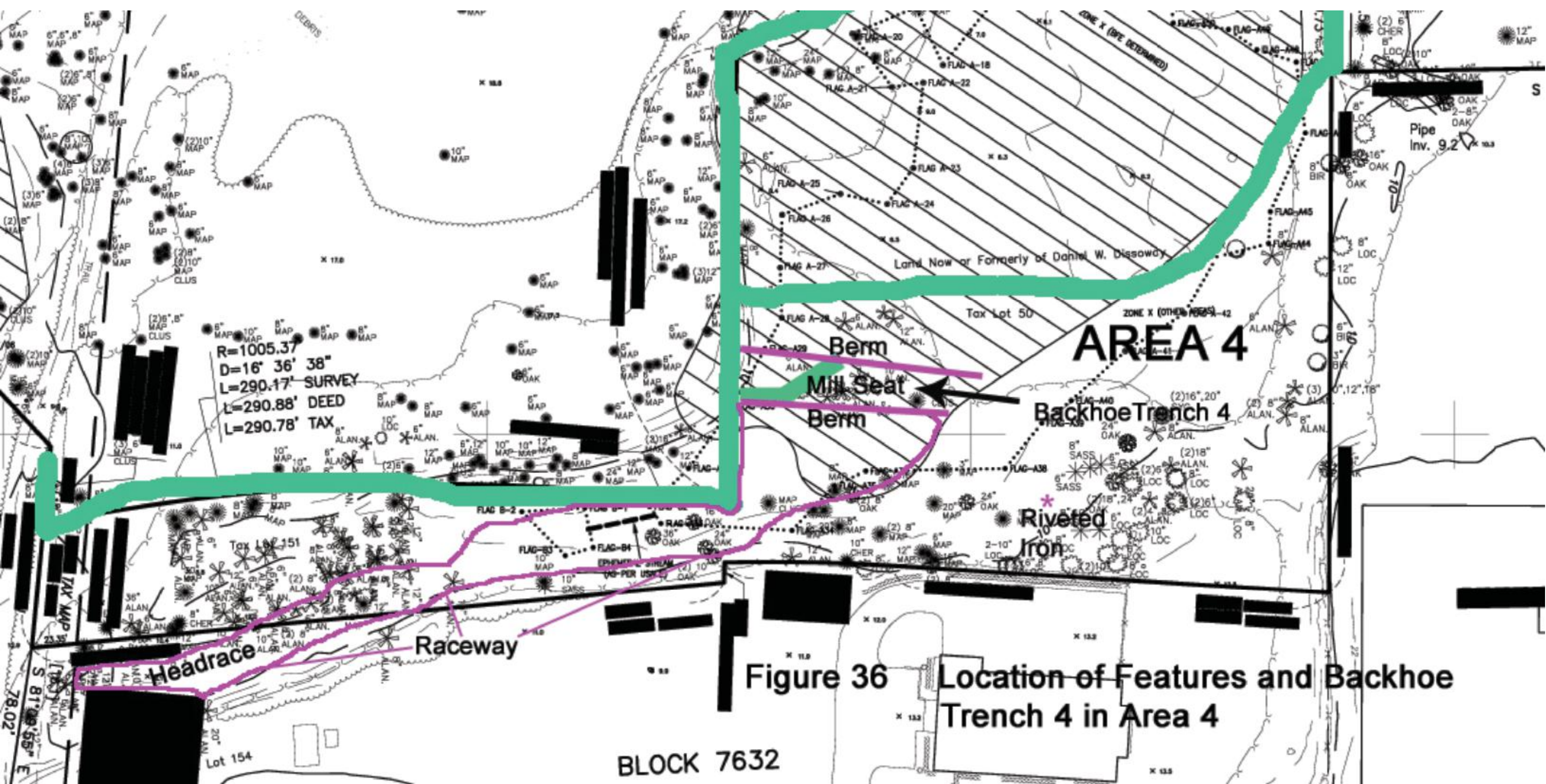


Figure 35 Plan of Area 4 showing 2008 shovel tests.



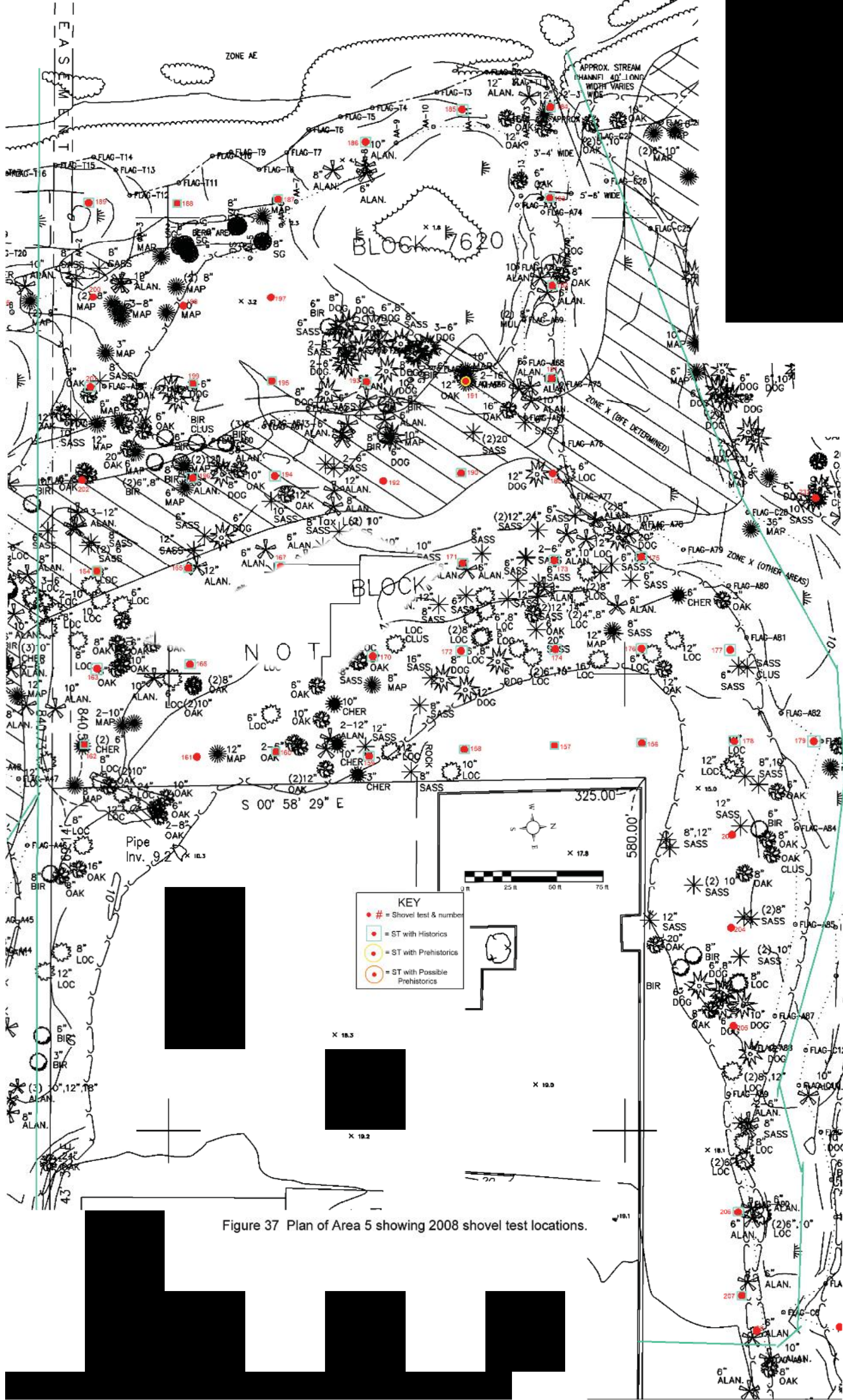


Figure 37 Plan of Area 5 showing 2008 shovel test locations.

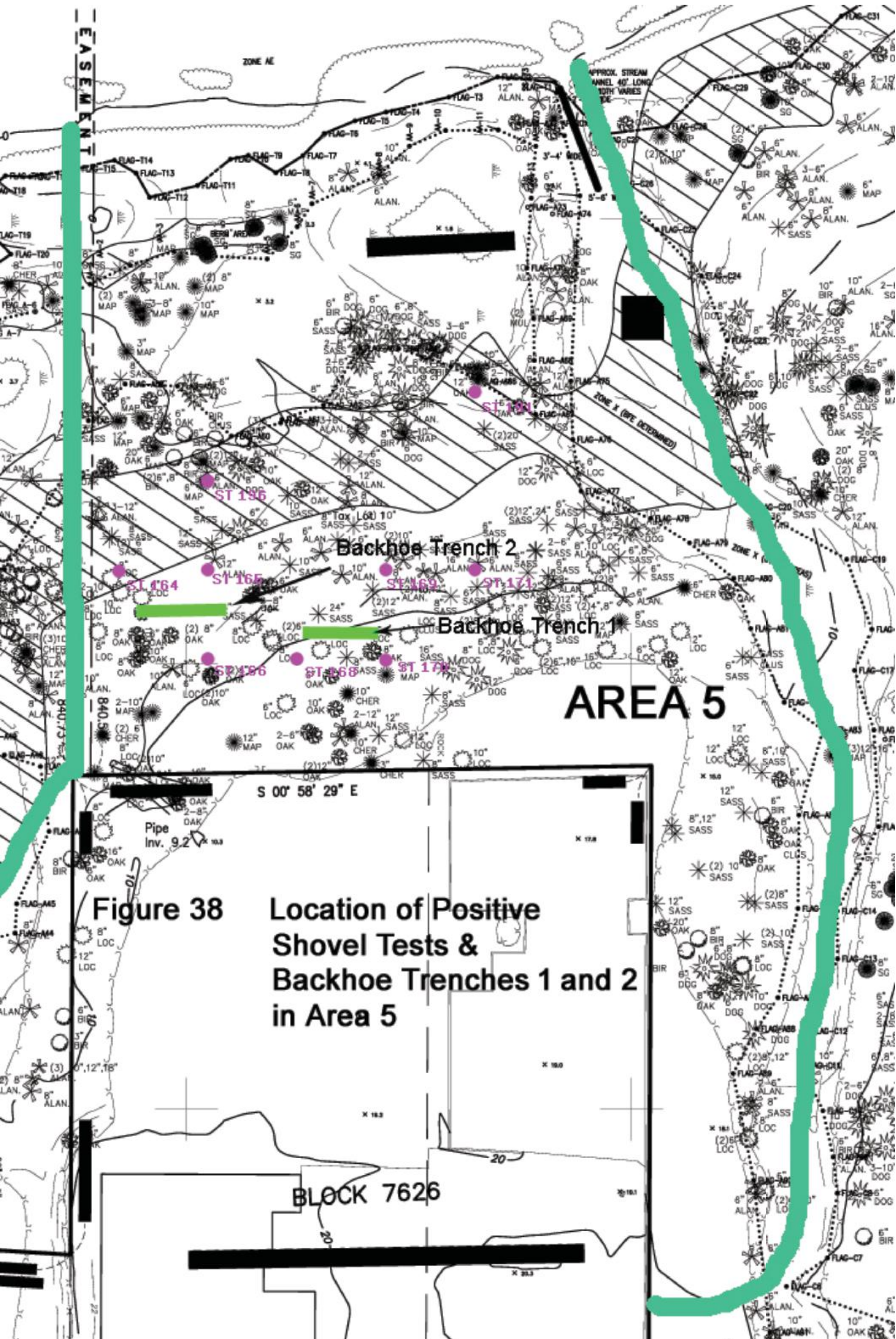


Figure 40 Area 7 Feature and Shovel Test Locations.

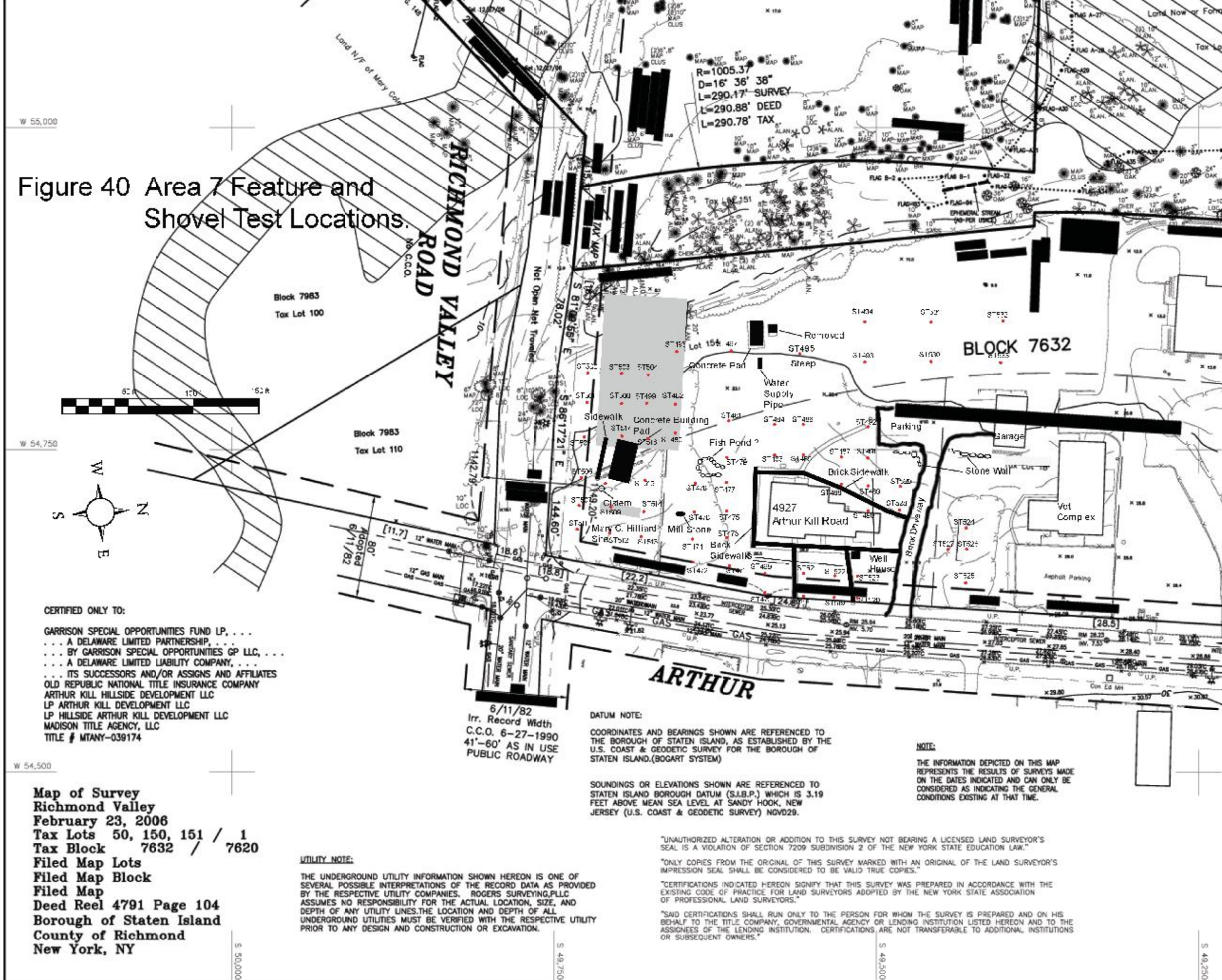




Photo 1 View of the project area in the north, between the shopping plaza and the Outerbridge Crossing, facing north, Area 1.



Photo 2 View of the stream in the north part of the project area, facing west, Area 1.



Photo 3 View of steep slopes and construction debris lying in the northern part of the project area, facing west, Area 5.



Photo 4 View of the pond in the northern part of the project area, facing south, Area 5.



Photo 5 Stream entrance into the Arthur Kill, facing west, Area 1.



Photo 6 View along western side of project area, facing southwest, from Areas 5/6.



Photo 7 View of pier remnants at the southwestern tip of the project area, facing west, Area 3.



Photo 8 View of portion of the former mill race, located adjacent to the southern project area boundary, facing east, near Area 3.



Photo 9 View looking northwest across flat expanse of the southern portion of the project area, Area 2.



Photo 10 View facing west in the southern portion of the project area, Area 2.



Photo 11 View of the pond in the northern part of the project area in Area 5, approaching from the south, facing north.



Photo 12 View looking south in Area 1 at Shovel Test 35. Note the dense catbriar.

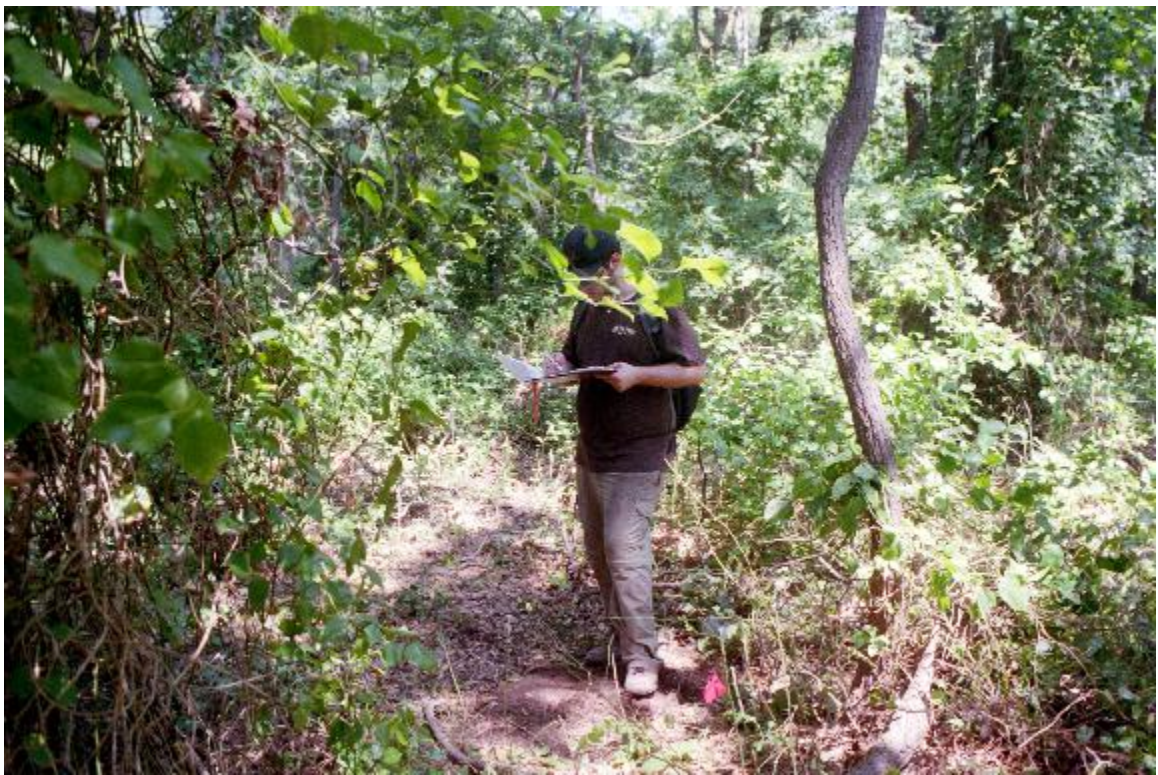


Photo 13 View looking east at Shovel Test 440 on the east side of Area 1.



Photo 14 View looking west at Shovel Test 447 under excavation in the west side of the Catbriar Site in Area 1.



Photo 15 View looking south towards wetlands at Shovel Test 454 on the south end of the Catbriar Site in Area 1.



Photo 16 View looking northwest at the location of Shovel Test 313, a hearth, at the Catbriar Site in Area 1.



Photo 17 View looking west at Shovel Test 44 in Area 2.



Photo 18 View looking east at Shovel Test 46 in Area 2.



Photo 19 View looking west at supplemental shovel tests around Shovel Test 109 in Area 2.



Photo 20 View of the north profile of Backhoe Trench 3 in Area 2.



Photo 21 Close-up showing the pipe at the bottom of Backhoe Trench 3 in Area 2.



Photo 22 View looking east from Shovel Test147 showing the huge concrete slabs in the east side of Area 3.



Photo 23 View looking west at Shovel Test 143 in Area 3.



Photo 24 View looking west at Shovel Test 274 under excavation near the center of the eastern berm in Area 4.



Photo 25 Huge piece of riveted iron machinery in Area 4 as it appeared in 2008.



Photo 26 View looking east at Backhoe Trench 4 in Area 4. The pipe flows from left to right into the bluff.



Photo 27 Close-up view of the pipeline in Backhoe Trench 4 in Area 4.



Photo 28 View looking north at Shovel Test 162 in Area 5.



Photo 29 View looking southwest at Backhoe Trench 1 in Area 5.



Photo 30 Profile of Backhoe Trench 1 in Area 5.



Photo 31 Backhoe Trench 2 profile in Area 5. The profile to the right of the rod is disturbed.



Photo 32 View looking north along Arthur Kill Road showing the rubble retaining wall with the Cole house on the left.



Photo 33 View looking west down the brick driveway at the Cole house in Area 7.



Photo 34 View looking northwest at the wellhouse and brick walkway on the northeast of the Cole house in Area 7.



Photo 35 Close-up view of AWK brick.



Photo 36 This view looks northeast at the partially buried millstone on the side yard at the Cole house in Area 7.



Photo 37 View looking south at drain pipe in Shovel Test 481 in the backyard of the Cole house in Area 7.



Photo 38 View looking southeast at the concrete pad at the corner house site in Area 7.



Photo 39 View looking southwest at the brick cistern at the corner house site in Area 7.



Photo 40 View looking west at Shovel Test 503 in the backyard of the corner house in Area 7. The concrete is thought to be the garage floor.

APPENDIX 1
CHAIN OF TITLES

Appendix 1
Chain of Title
Waterfront Commons

Grantor	Grantee	Recording Date	Liber:Page	Block:Lot
Estate of Max Berman	Berman, Murray; Kirshner, Susan; Berman, Eugene; Berman, Sidney	9-18-2006	none	7620:1
Reslade LP	Arthurkill Hillside Development LLC	9-18-2006	None	7620:1
Slade, Rhea	Reslade LP	5-5-1997	7350:273	7620:1
Crown Zellerbach Corp	Brown, C.A.	12-07-84	036:1754	7620:1
Crown Zellerbach Corp	Berman, Max Slade, Rhea	11-9-84	036:9867	7620:1
Crown Zellerbach Corp	Richmond Borough Gun Clubs Inc.	2-24-1984	023:7459	7620:1
Wenwood Reality Corp	Crown Zellerbach Corp	12-16-1981	002:7496	7620:1
Sherry Brucker	Wenwood Reality Corp	4-28-1981	2423:373	7620:1
City of New York	Sherry Brucker	4-10-1981	2421:0319	7620:1
Treasurer of the City of NY, George M. Bragalini	City of New York	7-8-1954	1283:290	7620
Juliet Gill Barnard; Estate of Dec'd	State Tax Commission; Release of Lien	6-17-1949	1078:191	7620
Belle F. Barnard Maxwell Barnard; Estate of Dec'd	State Tax Commission; Release of Lien	6-17-1949	1078:188	7620
State of New York	Ann Eliza Barnard	6-28-1886	167:198	

*circa 1874, lot should belong to "Mrs. Totten" or "D. Dissosway"

Appendix 1
Chain of Title
Waterfront Commons

Grantor	Grantee	Recording Date	Liber:Page	Block:Lot
Estate of Jon W. Bieser	Richmond Valley Holdings, LLC	7-30-2006	None	7584:20
Beiser, Lillian E.	Bieser, Lillian E. Bieser, John A.	12-28-1962	1593:324	7584:20
Mathilda Reality Corp	Bieser, Lillian E. Bieser John	10-28-1940	831:596	7584:20
Blomeley, Marion H.	Ktney, William & Lynn J.	4-26-1968	1816:77	7584:42
Hillard, Thomas K.	Blomeley, Marion H.	6-4-1952	1198:179	7584
Hillard, E. Brewster	Blomeley, Marion H.	6-4-1952	1198:175	7584A
Cole, Carrie L.	Blomeley, Marion H.	1-24-1946	926:297	7584A
Tottenville Copper Company Inc.	Mathilda Reality Corp	10-28-1931	727:520	7584A
Benjamin Lowenstein Matilda Lowenstein	Tottenville Copper Company Inc.	11-30-1917	475:415	7584A
James T. Cole Mina Cole	Benjamin Lowenstein	2-26-1915	445:499	7584A
Cecelia A. Winant	Jacob W. Cole Carrie L. Cole	8-24-1911	393:200	
Jacob W. Cole Carrie L. Cole	Cecelia A. Winant	8-24-1911	393:157	
Ralph M. Cole	Jacob W. Cole	8-9-1911	388:218	
Matt Wier	Jacob W, James T., & Abram Cole	3-3-1888	180:320	7584:20 or 42

Appendix 1
Chain of Title
Waterfront Commons

Grantor	Grantee	Recording Date	Liber:Page	Block Lot
Estate of Max Berman	Berman, Murray Kirshner, Susan Berman, Eugene Berman, Sidney	9-18-2006	None	7632: 151 & 50
Reslade LP	Arthur Kill Hillside Development LLC	9-18-2006	None	7632: 151 & 50
City of New York	Berman, Max	10-28-1980	2397:183	7632:151 & 50
Peninsula Bay Realty Corp	LP Arthur Kill Development Corp LP Hillside Arthur Kill Development Corp	8-17-2006	None	7632:150
Ackalitis, Joan Bender, Herbert S. Merolo, John A. Merolo, Vincent A.	Peninsula Bay Realty Corp	10-22-1997	7689:63	7635:150
Harbor View Associates	Ackalitis, Joan Bender, Herbert S. Merolo, John A. Merolo, Vincent A.	6-17-1997	7432:329	7632:150
Harbor View Associates; Harbor View Partners; Richmond Valley Harbor View Development Corp	Harbor View Associates; Harbor View Partners; Richmond Valley Harbor View Development Corp	11-2-1989	2238:123	7632:150
Ackalitis, Joan Bender, Herbert S. Merolo, John A. Merolo, Vincent A.	Harbor View Development Corp; Harbor View Associates; Harbor View Partners LP	7-15-1988	1489:281	7632:150
Merolo, Elizabeth	Merolo, Vincent A. Merolo, John A.	1-13-1988	1172:276	7632:150
Kinnear, Paul W	Kinnear, Paul W.	11-15-1991	3215:314	7632:6
Crown Zellerbach Corp; Gunther, Robert C.; Vanderbilt, Charles C.; U.S.A.; Community National Bank & Trust Co. of NY	Crown Zellerbach Corp	8-27-1979	2318:419	7632 (no lots)
Staten Island Railroad Corp	Staten Island -Richmond Valley Inc	12-28-1978	2282:90	7632
NY Transit & Terminal Co. Limited	Staten Island Railroad Corp	7-19-1977	2207:134	7632

Appendix 1
Chain of Title
Waterfront Commons

Grantor	Grantee	Recording Date	Liber:Page	Block:Lot
Bender, Herbert S. Ackalitis, Albert Merolo, John A. Merolo, Elizabeth Merolo, Vincent A.	Bender, Herbert S. Ackalitis, Albert Merolo, John A. Merolo, Elizabeth Merolo, Vincent A.	12-30-1976	2183:347	7632
Kinnear, Paul W. Kinnear, Peter J.	Kinnear, Paul W.	3-16-1976	2150:299	7632
Kinnear Paul W	Kinnear, Paul W. Kinnear, Peter J.	8-14-1975	2129:278	7632
Merolo, John A. Merolo, Elizabeth Bender, Herbert S.	Bender, Herbert S. Ackalitis, Albert Merolo, John A. Merolo, Elizabeth Merolo, Vincent A.	7-25-1975	2127:406	7632
PP & F Realty Corp	Merolo, John A. Merolo, Elizabeth Bender, Herbert S.	7-10-1975	2126:78	7632
PP & F Realty Corp	Merolo, John A. Merolo, Elizabeth Bender, Herbert S.	6-23-1975	2124:278	7632
Crown Zellerbach Corp	Gunther, Robert C. Vanderbilt, Charles C.	7-42-1975	2091:89	7632
Blomeley, Marion H.	Kinnear, Paul W.	2-15-1974	2073:207	7632
Blomeley, Marion H.	Horvath, Paul J. Horvath, Judith	12-21-1970	1927:401	7632
Blomeley, Walter Scott	Blomeley, Jane H. Blomeley, Marion H.	2-13-1964	1637:114	7632
Moran Towing Corp	PP & F Realty Corp	3-13-1963	1600:151	7632
City of New York	Corwn Zellerbach Corp	8-24-1961	1541:282	7632
City Of New York	Weinberg, Philip H.	6-7-1961	1533:186	7632
Southern Shipbuilding Co.	Moran, Eugene F Moran, Joseph H.	3-3-1917	469:148	7632
State of New York	Southern Shipbuilding Co.	3-13-1908	343:123	7632
Cole, Jacob W. & Carrie; Cole, James T. & Mina; Cole, Abram and Blanche; Cole, Charles C and Edith	Southern Shipbuilding Co	12-16-1907	341:212	7632
Dissosway, Mark (dec'd; heir Clara Hinton and Ralph M. Cole)	Southern Shipbuilding	1-20-1908	329:509	7632
Ralph M. Cole (executor of Mark Dissosway est.)	Clara Hinton (daughter of Mark and Matilda Dissosway)	7-18-1907	329:140	7632
Jacob W. Cole (Abraham Cole, dec'd)	Jacob W., James T., Abram & Charles P. Cole	7-19-1899	273:180	7632
James W. Cole et al.	Abram Cole	7-19-1899	273:178	7632
Jacob W. Cole et al.	Jacob W. Cole	7-49-1899	273:171	7632
?	?	?	273:169	(same land as 273:171)
?	?	?	273:166	(same land as 273:171)

Ann Cole et al. Heirs of Abraham Cole	Daniel W. Dissosway	9-9-1896	251:400	7632
Daniel W. Dissosway Martha Dissosway	Gabriel Dissosway	3-17-1886	164:412	7632
Martha Dissosway	Gabriel Dissosway (release)	3-17-1886	163:427	7632
Abraham Cole & Blanche	Jacob W. Cole	8-25-1884	154:309	7632
Abraham Cole	Jacob W. Cole	8-25-1884	154:306	7632
Gabriel Dissosway	John Cole	4-16-1883	146:578	7632
Susan Totten	Mark Dissosway	7-24-1861	48:295	7632/7620
Mark and Matilda Dissosway	Abraham Cole	9-16-1853	31:656	7632
Ann Dissosway	Mark Dissosway	?-?-1844	10:600	7632
Peter Winant	Abraham Cole	8-31-1842	9:285	7632
Peter Winant	Daniel W. Disosway	8-6-1842	9:215	7632
Peter Winant	Cornelius Disosway	4-14-1842	9:67	7632
Peter Winant	Peter W. Dissosway	3-8-1842	8:673	
Peter Winant	Winant Winant	3-8-1842	8:661	
Cornelius Dissosway	Peter Winant	5-4-1841	8:14	
Peter Winant	Gabriel Dissosway	5-16-1833	V:140	
Peter Winant	Cornelius Dissosway	10-11-1832	U:248	
Cornelius Dissosway (executor Gabriel Dissosway)	Israel Dissosway & Cornelius Dissosway	5-16-1799	E:426	
Gabriel Dussoway	Israel Dussoway	4-29-1760	D:308	
Gabriel Dussoway	Israel Dussoway	4-29-1760	D:306	Same land as D:308
Abraham Ayres	Israel Dussoway	4-29-1760	D:303	Same land as D:308
Winant Winant	Israel Dussoway	4-16-1760	D: 292	
Thomas Stillwell	Mark Dusachoy	7-26-1743	D:118*	*Mentions adjoining lands of Fountaigne,
Martha Stillwell	Mark Dusachoy	7-18-1743	D:111*	Matthew & Abraham Larne and Mark Dusachoy
John Morgan	Thomas Stillwell	6-?-1697	B:255	
Paulus Richards	John Morgan	?-?-1692	B:183	
Mark Dusachoy	Paulus Richards	10-20-1685	B:31	7620; 7632; 7584
?	Mark Dusachoy	>1685		7620; 7632; 7584
?	Matthew Larne	>1685		7632; 7584
Abraham Corbett	Anthony Fountaine	9-17-1686	B:33	7632; 7584

APPENDIX 2

BUILDING SITE INVENTORY FORMS



HISTORIC RESOURCE INVENTORY FORM

NYS OFFICE OF PARKS, RECREATION
& HISTORIC PRESERVATION
P.O. BOX 189, WATERFORD, NY 12188
(518) 237-8643

OFFICE USE ONLY

USN:

IDENTIFICATION

Property name(if any) 291 Richmond Valley Road (295 Richmond Valley Road - NYC Buildings)
Address or Street Location 291 Richmond Valley Road NE corner, Arthur Kill & Richmond Valley
County Richmond Town/City _____ Village/Hamlet: _____
Owner Richmond Valley Holdings Address 10309
Original use Residential Current use _____
Architect/Builder, if known _____ Date of construction, if known 1899 (NYC Portal)

DESCRIPTION

Materials -- please check those materials that are visible

Exterior Walls:	<input type="checkbox"/> wood clapboard	<input type="checkbox"/> wood shingle	<input type="checkbox"/> vertical boards	<input type="checkbox"/> plywood
	<input type="checkbox"/> stone	<input type="checkbox"/> brick	<input type="checkbox"/> poured concrete	<input type="checkbox"/> concrete block
	<input type="checkbox"/> vinyl siding	<input type="checkbox"/> aluminum siding	<input type="checkbox"/> cement-asbestos	<input type="checkbox"/> other: _____
Roof:	<input type="checkbox"/> asphalt, shingle	<input type="checkbox"/> asphalt, roll	<input type="checkbox"/> wood shingle	<input type="checkbox"/> metal <input type="checkbox"/> slate
Foundation:	<input type="checkbox"/> stone	<input type="checkbox"/> brick	<input type="checkbox"/> poured concrete	<input type="checkbox"/> concrete block

Other materials and their location: _____

Alterations, if known: _____ Date: _____

Condition: ☐ excellent ☐ good ☐ fair ☐ deteriorated

DESTROYED, probably early December 2007.

Photos

Provide several clear, original photographs of the property proposed for nomination. Submitted views should represent the property as a whole. For buildings or structures, this includes exterior and interior views, general setting, outbuildings and landscape features. Color prints are acceptable for initial submissions.

Photograph 1 showing location of former house, facing northeast. Photograph 2, facing east, showing advertising for new structures.

Please staple one photograph providing a complete view of the structure or property to the front of this sheet. Additional views should be submitted in a separate envelope or stapled to a continuation sheet.

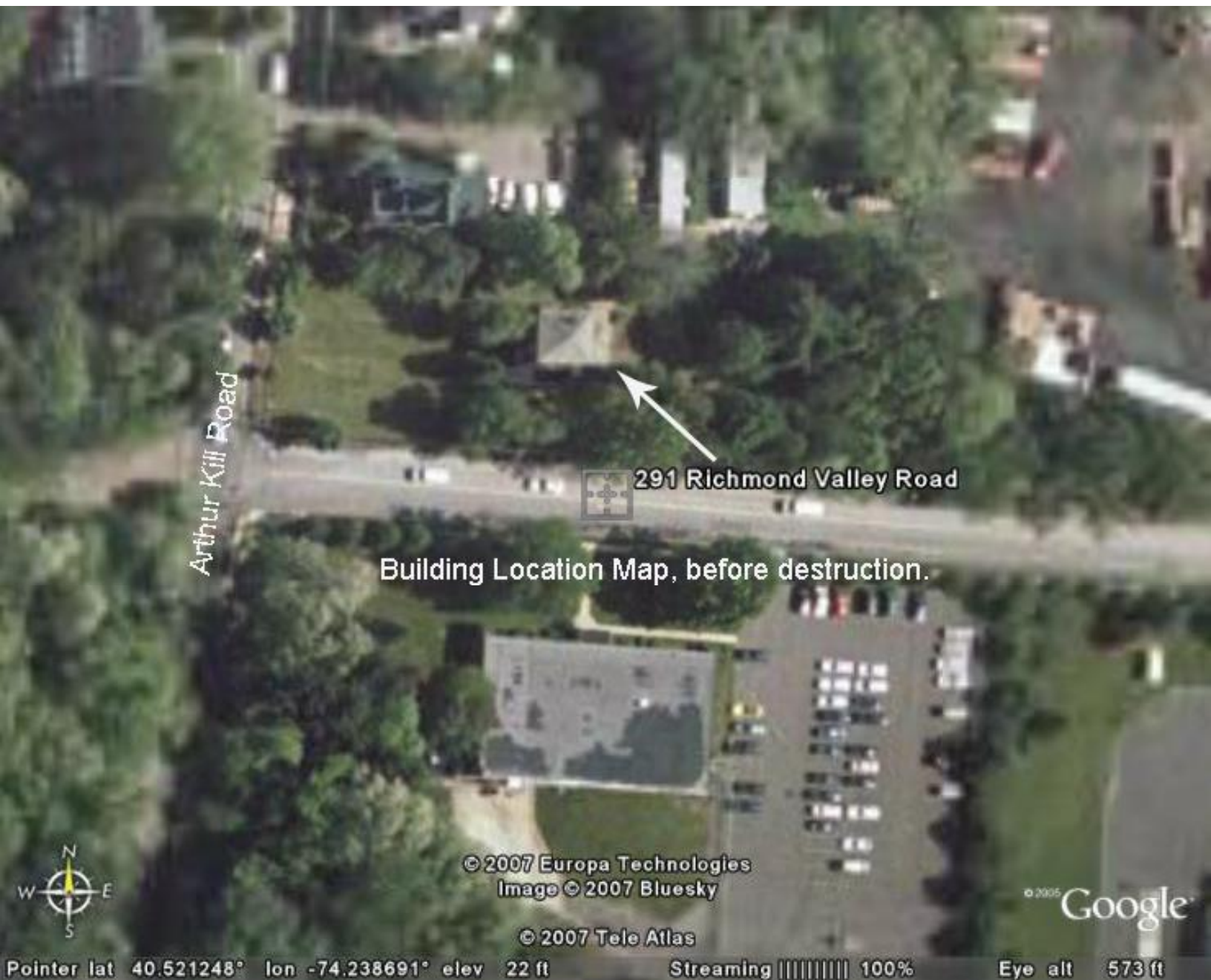
Maps

Attach a printed or drawn locational map indicating the location of the property in relationship to streets, intersections or other widely recognized features so that the property can be accurately positioned. Show a north arrow. Include a scale or estimate distances where possible.

2007 Google Earth map attached showing aerial of house before it was destroyed.

Prepared by: P.M. Crowley address 40 Exchange Place, 13th Floor, NY NY 10005
Telephone: 212-514-9520 email _____ Date 12/31/2007

(See Reverse)



Arthur Kill Road

291 Richmond Valley Road

Building Location Map, before destruction.



© 2007 Europa Technologies
Image © 2007 Bluesky

© 2007 Tele Atlas

© 2005 Google

Pointer lat 40.521248° lon -74.238691° elev 22 ft Streaming ||||| 100% Eye alt 573 ft



Photograph 1 Location of former house, facing northeast from Richmond Valley Road



Photograph 2 Facing east from Arthur Kill Road, signage advertising new development.



HISTORIC RESOURCE INVENTORY FORM

NYS OFFICE OF PARKS, RECREATION
& HISTORIC PRESERVATION
P.O. BOX 189, WATERFORD, NY 12188
(518) 237-8643

OFFICE USE ONLY

USN:

IDENTIFICATION

Property name(if any) _____
Address or Street Location 4914 Arthur Kill Road Block 7584 Lot 42
County Richmond Town/City _____ Village/Hamlet: _____
Owner William Kutney Address 4914 Arthur Kill Road
Original use Residential Current use Residential
Architect/Builder, if known _____ Date of construction, if known 1899 (NYC Portal)

DESCRIPTION

Materials -- please check those materials that are visible

Exterior Walls:	<input type="checkbox"/> wood clapboard	<input checked="" type="checkbox"/> wood shingle	<input type="checkbox"/> vertical boards	<input type="checkbox"/> plywood	
	<input type="checkbox"/> stone	<input type="checkbox"/> brick	<input type="checkbox"/> poured concrete	<input type="checkbox"/> concrete block	
	<input type="checkbox"/> vinyl siding	<input type="checkbox"/> aluminum siding	<input type="checkbox"/> cement-asbestos	<input type="checkbox"/> other: _____	
Roof:	<input checked="" type="checkbox"/> asphalt, shingle	<input type="checkbox"/> asphalt, roll	<input type="checkbox"/> wood shingle	<input type="checkbox"/> metal	<input type="checkbox"/> slate
Foundation:	<input type="checkbox"/> stone	<input type="checkbox"/> brick	<input type="checkbox"/> poured concrete	<input type="checkbox"/> concrete block	

Other materials and their location: _____

Alterations, if known: _____ Date: _____

Condition: ☐ excellent ☒ good ☐ fair ☐ deteriorated

Photos

Provide several clear, original photographs of the property proposed for nomination. Submitted views should represent the property as a whole. For buildings or structures, this includes exterior and interior views, general setting, outbuildings and landscape features. Color prints are acceptable for initial submissions.

Photograph 1 shows location of the house. Photograph 2 shows the location of house and barn.

Please staple one photograph providing a complete view of the structure or property to the front of this sheet. Additional views should be submitted in a separate envelope or stapled to a continuation sheet.

Maps

Attach a printed or drawn locational map indicating the location of the property in relationship to streets, intersections or other widely recognized features so that the property can be accurately positioned. Show a north arrow. Include a scale or estimate distances where possible.

Prepared by: P.M. Crowley address 40 Exchange Place, 13th Floor, NY, NY 10005
Telephone: 212-514-9520 email _____ Date 12/31/2007

(See Reverse)

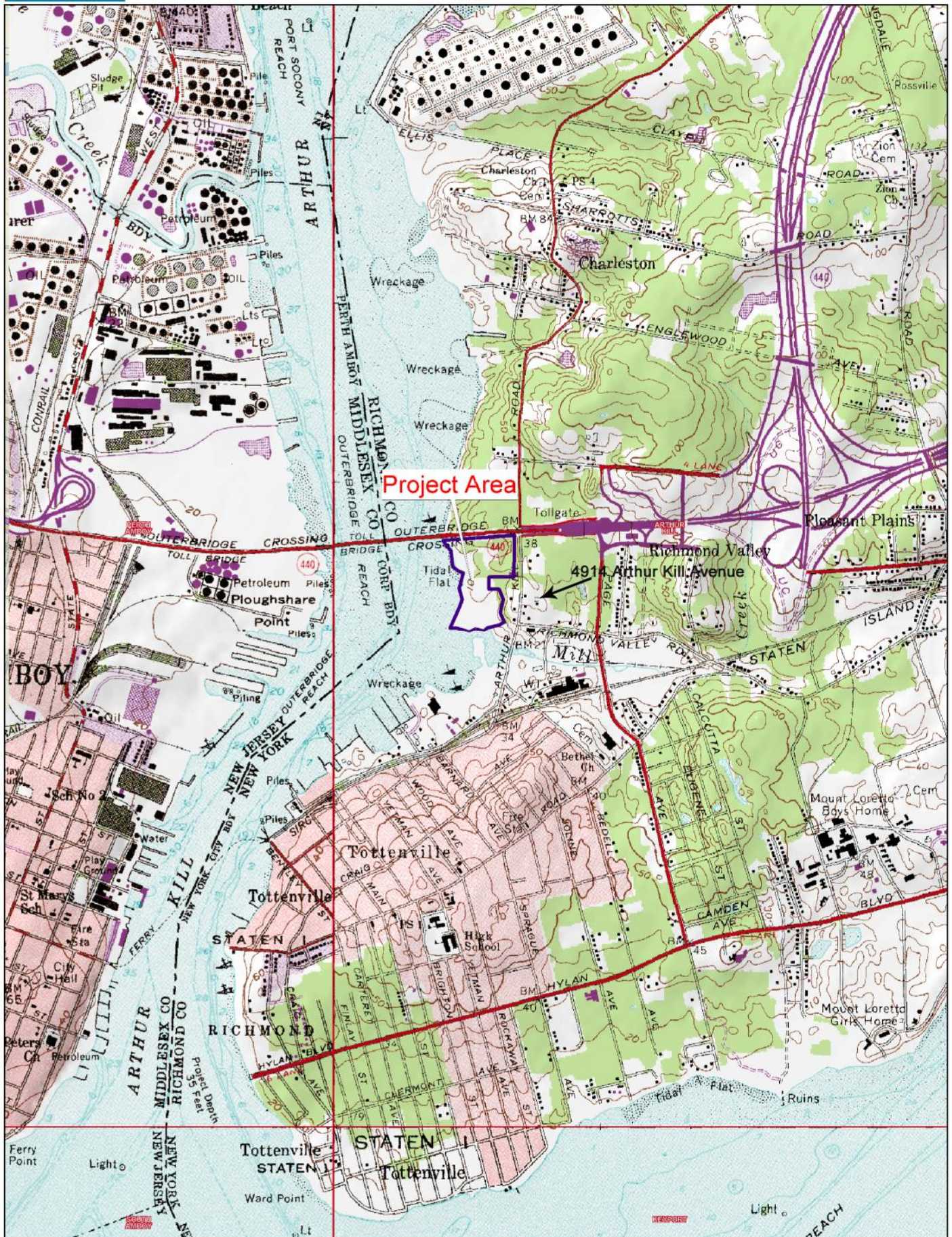
PLEASE PROVIDE THE FOLLOWING INFORMATION

IF YOU ARE PREPARING A NATIONAL REGISTER NOMINATION, PLEASE REFER TO THE ATTACHED INSTRUCTIONS

Narrative Description of Property: Briefly describe the property and its setting. Include a verbal description of the location (e.g., north side of NY 17, west of Jones Road); a general description of the building, structure or feature including such items as architectural style (if known), number of stories, type and shape of roof (flat, gabled, mansard, shed or other), materials and landscape features. Identify and describe any associated buildings, structures or features on the property, such as garages, silos, privies, pools, gravesites. Identify any known exterior and interior alterations such as additions, replacement windows, aluminum or vinyl siding or changes in plan. Include dates of construction and alteration, if known. Attach additional sheets as needed.

House in 2 sections. Barn structure also on property. Current lot area: 11,400 sq. ft.
Lot frontage: 50 feet. Lot depth: 228 feet. 2 floors.

Narrative Description of Significance: Briefly describe those characteristics by which this property may be considered historically significant. Significance may include, but is not limited to, a structure being an intact representative of an architectural or engineering type or style (e.g., Gothic Revival style cottage, Pratt through-truss bridge); association with historic events or broad patterns of local, state or national history (e.g., a cotton mill from a period of growth in local industry, a seaside cottage representing a locale's history as a resort community, a structure associated with activities of the "underground railroad."); or by association with persons or organizations significant at a local, state or national level. Simply put, why is this property important to you and the community. Attach additional sheets as needed.





Photograph 1 House at 4914 Arthur Kill Road, facing east.



Photograph 2 Facing east-northeast at 4914 Arthur Kill Road, showing house and barn.



HISTORIC RESOURCE INVENTORY FORM

NYS OFFICE OF PARKS, RECREATION
& HISTORIC PRESERVATION
P.O. BOX 189, WATERFORD, NY 12188
(518) 237-8643

OFFICE USE ONLY

USN:

IDENTIFICATION

Property name(if any) _____
Address or Street Location 4927 Arthur Kill Road Block 7632, Lot 6
County Richmond Town/City _____ Village/Hamlet: _____
Owner Paul W. Kinnear Address _____
Original use residential Current use residential
Architect/Builder, if known _____ Date of construction, if known 1931 (NYC Portal)
alterations 9/15/1963 (NYC Bldg.)

DESCRIPTION

Materials -- please check those materials that are visible

Exterior Walls:	<input type="checkbox"/> wood clapboard	<input type="checkbox"/> wood shingle	<input type="checkbox"/> vertical boards	<input type="checkbox"/> plywood
	<input type="checkbox"/> stone	<input type="checkbox"/> brick	<input type="checkbox"/> poured concrete	<input type="checkbox"/> concrete block
	<input checked="" type="checkbox"/> vinyl siding	<input type="checkbox"/> aluminum siding	<input type="checkbox"/> cement-asbestos	<input type="checkbox"/> other: _____
Roof:	<input checked="" type="checkbox"/> asphalt, shingle	<input type="checkbox"/> asphalt, roll	<input type="checkbox"/> wood shingle	<input type="checkbox"/> metal <input type="checkbox"/> slate
Foundation:	<input checked="" type="checkbox"/> stone	<input type="checkbox"/> brick	<input type="checkbox"/> poured concrete	<input type="checkbox"/> concrete block

Other materials and their location: _____

Alterations, if known: _____ Date: _____

Condition: ☒ excellent ☐ good ☐ fair ☐ deteriorated

Photos

Provide several clear, original photographs of the property proposed for nomination. Submitted views should represent the property as a whole. For buildings or structures, this includes exterior and interior views, general setting, outbuildings and landscape features. Color prints are acceptable for initial submissions.

Two photographs illustrating front along Arthur Kill Road.

Please staple one photograph providing a complete view of the structure or property to the front of this sheet. Additional views should be submitted in a separate envelope or stapled to a continuation sheet.

Maps

Attach a printed or drawn locational map indicating the location of the property in relationship to streets, intersections or other widely recognized features so that the property can be accurately positioned. Show a north arrow. Include a scale or estimate distances where possible.

Google Earth 2007 location

Prepared by: P.M. Crowley address 40 Exchange Place, 13th Floor, NY, NY 10005
Telephone: 212-514-9520 email _____ Date 12/31/2007

(See Reverse)

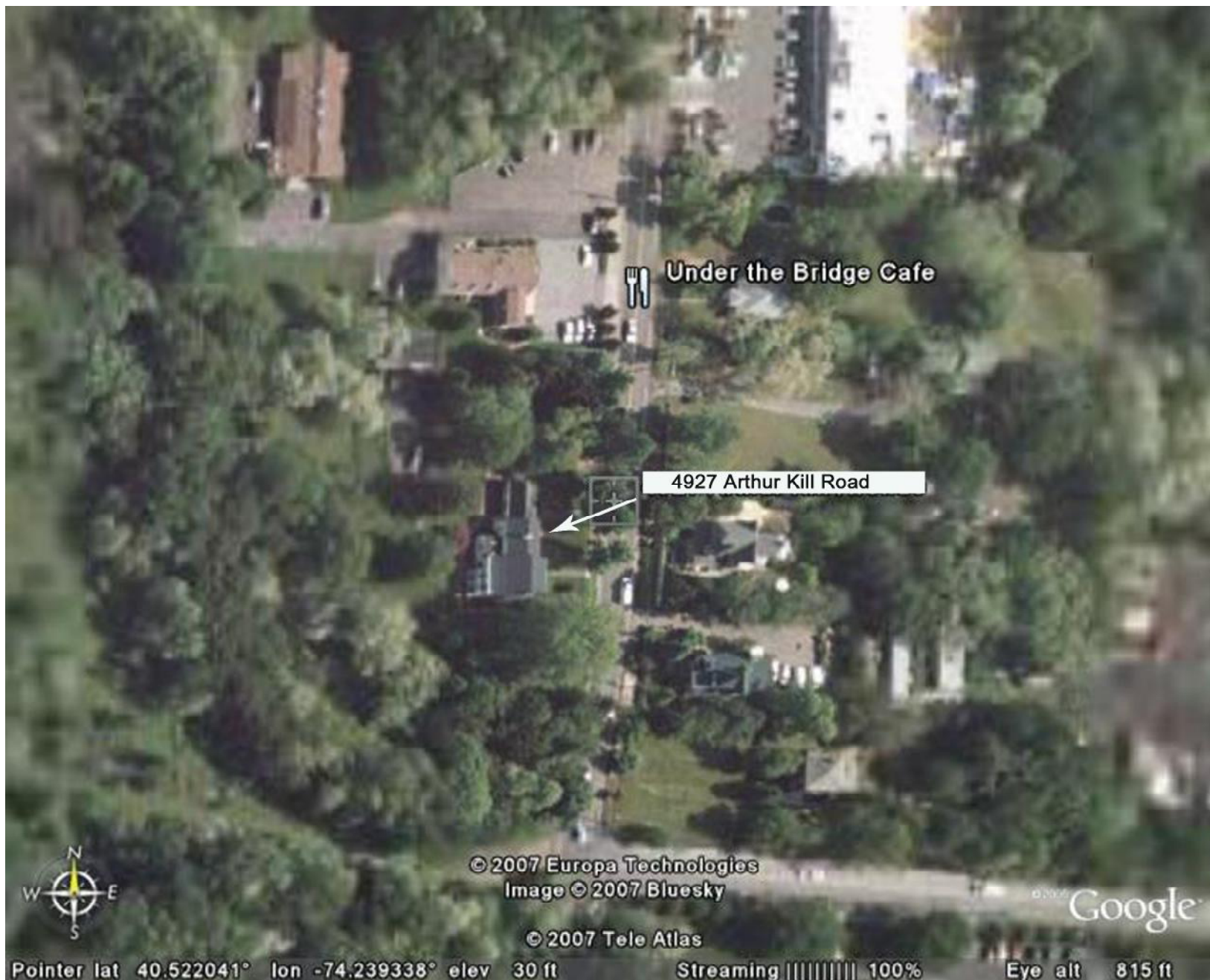
PLEASE PROVIDE THE FOLLOWING INFORMATION

IF YOU ARE PREPARING A NATIONAL REGISTER NOMINATION, PLEASE REFER TO THE ATTACHED INSTRUCTIONS

Narrative Description of Property: Briefly describe the property and its setting. Include a verbal description of the location (e.g., north side of NY 17, west of Jones Road); a general description of the building, structure or feature including such items as architectural style (if known), number of stories, type and shape of roof (flat, gabled, mansard, shed or other), materials and landscape features. Identify and describe any associated buildings, structures or features on the property, such as garages, silos, privies, pools, gravesites. Identify any known exterior and interior alterations such as additions, replacement windows, aluminum or vinyl siding or changes in plan. Include dates of construction and alteration, if known. Attach additional sheets as needed.

Three sections, northernmost section is one story, middle section is two stories and southernmost section is three stories. Three chimneys, one in each section. Balcony in rear of south section. Lot frontage: 213 feet. Lot Depth: 185 feet. Lot area: 39,405 sq. ft.

Narrative Description of Significance: Briefly describe those characteristics by which this property may be considered historically significant. Significance may include, but is not limited to, a structure being an intact representative of an architectural or engineering type or style (e.g., Gothic Revival style cottage, Pratt through-truss bridge); association with historic events or broad patterns of local, state or national history (e.g., a cotton mill from a period of growth in local industry, a seaside cottage representing a locale's history as a resort community, a structure associated with activities of the "underground railroad."); or by association with persons or organizations significant at a local, state or national level. Simply put, why is this property important to you and the community. Attach additional sheets as needed.



Under the Bridge Cafe

4927 Arthur Kill Road



© 2007 Europa Technologies
Image © 2007 Bluesky

© 2007 Tele Atlas

© 2007 Google

Pointer lat 40.522041° lon -74.239338° elev 30 ft

Streaming ||||| 100%

Eye alt 815 ft



Photograph 1 View of 4927 Arthur Kill Road, facing west.



Photograph 2 View of 4927 Arthur Kill Road facing west-southwest from the north end of the house.

APPENDIX 3
FIELD SUMMARY

APPENDIX 1

CONTEXT NUMBERING AND PROVENIENCE LABELING

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

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

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

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

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

AREA 1
SHOVEL TEST STRATIGRAPHY

Shovel Test Stratigraphy, Waterfront Commons, Area 1

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
AREA 1						
3001.01	10YR3/2	Very dark grayish brown	Silty loam	0-12	A	N90 E300; Moved 2m N to avoid truck frame
3001.02	10YR4/6	Dark yellowish brown	Clayey loam	12 – 30	B	Nails
3001.03	10YR5/6	Yellowish brown	Clayey loam	30-46		
3002.01	10YR3/4	Dark yellowish brown	Silty loam	0-20		50' S of ST1
3002.02	10YR3/6	Dark yellowish brown	Clayey loam	20-32		Soil appears disturbed; compacted; very dry
3002.03	10YR5/6	Yellowish brown	Clayey silt	32-48	B	
3003.01	10YR3/3	Dark brown	Silty loam	0-5	A(o)	50' S of ST2; glass
3003.02	10YR4/3	Brown	Silty loam	5 – 30	A(p)	Very dry; glass, brick
3003.03	10YR5/4	Yellowish brown	Clayey silt	30-46	B	
3004.01	10YR3/3	Dark brown	Silty loam	0-7	Topsoil	50' S of ST3
3004.02	7.5YR4/4	Dark yellowish brown	Silty clay	7 – 20		Dry; jasper flake
3004.03	7.5YR4/4	Dark yellowish brown	Sandy clay	20-41	B	
3005.01	10YR5/4	Yellowish brown	Sand	0-5	Topsoil	50' S of ST4
3005.02	10YR4/4	Dark yellowish brown	Silty loam	5 – 45	Fill	Very dry fill layer; discarded concrete, plastic, glass
3005.03	10YR5/6	Yellowish brown	Silty sand	45-61	B	
3006.01	10YR3/3	Dark brown	Loamy sand	0-5	Topsoil	50' W of ST5
3006.02	10YR4/6	Dark yellowish brown	Sand	5 – 15	Fill	
3006.03	10YR4/6	Dark yellowish brown	Silty loam	15-30	Fill	
3006.04	10YR5/4	Yellowish brown	Silty sand	30-43	Fill	
3006.05	10YR5/6	Yellowish brown	Sand	43-61	Fill	
3007.01	10YR3/3	Dark brown	Silty loam	0-5		50' N of ST6
3007.02	10YR3/4	Dark yellowish brown	Silty loam	5 – 13		
3007.03	10YR3/3	Dark brown	Clayey silt	13-20		
3007.04	10YR4/6	Dark yellowish brown	Clayey silt	20-42		
3007.05	10YR5/6	Yellowish brown	Silty clay	42-58		
3008.01	10YR3/3	Dark brown	Silty loam	0-8		50' N of ST7
3008.02	10YR4/3	Brown	Silty loam	8 – 20		
3008.03	10YR5/6	Yellowish brown	Clayey silt	20-36		
3009.01	10YR3/3	Dark brown	Silty loam	0-6		50' N of ST8
3009.02	10YR4/6	Dark yellowish brown	Silty clay	6 – 30		
3009.03	10YR5/6	Yellowish brown	Silty clay	30-46		
3010.01	10YR3/1	Very dark grayish brown	Silty loam	0-10	Topsoil	50' N of ST9
3010.02	10YR5/4	Yellowish brown	Clayey silt	10 – 25		ST moved 4 ft E of rubble pile
3010.03	10YR6/3	Pale brown	Silty clay	25-51	B	
3011.01	10YR3/3	Dark brown	Silty loam	0-10	Topsoil	50' W of ST10; tile, charcoal, brick
3011.02	10YR5/3	Brown	Clayey silt	10 – 30		
3011.03	10YR6/4	Light yellowish brown	Silty clay	30-48	B	
3012.01	10YR3/2	Very dark grayish brown	Silty loam	0-8	Topsoil	50' S of ST11
3012.02	10YR4/4	Dark yellowish brown	Clayey silt	8 – 24		

Shovel Test Stratigraphy, Waterfront Commons, Area 1

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3012.03	10YR5/6	Yellowish brown	Silty clay	24-39	B	
3013.01	10YR4/3	Brown	Loamy clay	0-33	A	50' S of ST12; mottled w/gray 10YR6/1
3013.02	10YR5/6	Yellowish brown	Loam	33-62	B	Wetlands; surrounded by phragmites; no cultural material
3014.01	10YR3/3	Dark brown	Silty loam	0-6	Topsoil	50' S of ST13
3014.02	10YR4/3	Brown	Silty clayey loam	6 – 29		Wetlands; surrounded by phragmites
3014.03	10YR5/4	Yellowish brown	Sandy loam	29-50	B	
3015.01	10YR3/3	Dark brown	Silty loam	0-24		36' S of ST14
3015.02	10YR4/4	Dark yellowish brown	Loamy sand	24-45		Wetlands; surrounded by phragmites
3015.03	10YR5/6	Yellowish brown	Sand	45-67		mottled w/dark yellowish brown 10YR4/4
3016.01	10YR2/2	Very dark brown	Silty clay	0-6		50' W of ST15
3016.02	10YR4/3	Brown	Clay	6 – 31		
3016.03	10YR4/2	Dark grayish brown	Silty clay	31-43		
3016.04	10YR5/3	Brown	Silty clay	43-63		
3017.01	10YR4/3	Brown	Loam	0-24	Alluvium	50' N of ST16
3017.02	10YR3/2	Very dark grayish brown	Clayey loam	24-40	A	Wetlands; surrounded by phragmites
3017.03	10YR4/3	Brown	Clayey loam	40-56	A	
3017.04	10YR4/6	Dark yellowish brown	Loamy sand	56-69	B	mottled w/pale red 2.5YR6/2
3018.01	10YR3/2	Very dark grayish brown	Clayey loam	0-11	A	50' N of ST17; discarded brick fragment
3018.02	10YR4/3	Brown	Loamy clay	11 – 36	A	Wetlands; surrounded by phragmites
3018.03	10YR4/4	Dark yellowish brown	Loamy clay	36-66	B	
3019.01	10YR3/3	Dark brown	Loamy sand	0-30	A	50' N of ST18; metal, coal, nails, glass
3019.02	10YR4/4	Dark yellowish brown	Sand	30-65	B	Yellowware, nail; Photo #505 + 506+CDIMG_0002_60+61
3020.01	10YR3/3	Dark brown	Loam	0-6	A(o)	50' N of ST19; glass, coal
3020.02	10YR4/3	Brown	Clayey loam	6 – 25	A	
3020.03	10YR5/3	Brown	Loamy clay	25-50	B	
3021.01	10YR3/3	Dark brown	Loam	0-15	A(o)	50' N of ST20; 5m S of bridge fence
3021.02	10YR4/3	Brown	Clayey loam	15-29	A	ceramic
3021.03	10YR5/6	Yellowish brown	Loamy clay	29-43	B	
3022.01	10YR3/2	Very dark grayish brown	Loam	0-15	Fill?	50' W of ST21; discarded plastic, coal
3022.02	10YR4/4	Dark yellowish brown	Loamy sand	15-40	Fill?	Located on Stream/Rd (Drainage?)
3022.03	10YR4/2	Dark grayish brown	Loamy clay	40-60	Fill?	
3023.01	10YR2/1	Black	Clayey loam	0-10	Slope wash	50' S of ST22; discarded plastic
3023.02	10YR3/3	Dark brown	Loamy clay	10 – 38	A	Located on Stream/Rd (Drainage?)
3023.03	5Y 6/1	Gray	Clay	38-51	B?	
3024.01	10YR4/3	Brown	Loam	0-20	A	50' S of ST23
3024.02	10YR4/4	Dark yellowish brown	Sand	20-65	B	2 m E of stream/road on bank
3025.01	10YR4/3	Brown	Loam	0-18	A	50' S of ST24; 2 m E of stream/road on bank
3025.02	10YR4/4	Dark yellowish brown	Sand	18-61	B	Layer 1: glass

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3026.01	10YR3/2	Very dark grayish brown	Loam	0-16	A(o)	50' S of ST25
3026.02	10YR4/3	Brown	Loam	16-42	A?	3 m E of Drainage; 7 m E of Dirt Road; mottled w/dark yellowish brown 10YR4/4
3026.03	10YR6/1	Gray	Sand	42-78	B?	Layer 3: redware
3027.01	10YR4/3	Brown	Sand	0-25	Slope wash	50' S of ST26
3027.02	10YR4/2	Dark grayish brown	Sand	25-35	Slope wash	2 m N of stream
3027.03	10YR4/3	Brown	Clayey loam	35-57	A?	
3027.04	10YR3/3	Dark brown	Clayey loam	57-70		water at 60cm
3028.01	10YR2/2	Very dark brown	Silty loam	0-10	A(o)	50' W of ST27
3028.02	10YR4/3	Brown	Silty loam	10 - 50	A	
3028.03	10YR5/4	Yellowish brown	Silty clay	50-66	B	Photo #512-513= 65+66, facing north
3029.01	10YR3/3	Dark brown	Silty loam	0-6	A(o)	50' N of ST28
3029.02	10YR3/3	Dark brown	Sandy loam	6 - 19	A	
3029.03	10YR4/6	Dark yellowish brown	Sandy loam	19-38	B	
3030.01	10YR2/2	Very dark brown	Silty loam	0-5	A(o)	50' N of ST29
3030.02	10YR4/6	Dark yellowish brown	Silty loam	5 - 27	A	
3030.03	10YR5/6	Yellowish brown	Sandy loam	27-43	B	
3031.01	10YR2/2	Very dark brown	Silty loam	0-8	A(o)	50' N of ST30
3031.02	10YR3/4	Dark yellowish brown	Silty loam	8 - 36	A	discarded glass, shell, charcoal
3031.03	10YR5/6	Yellowish brown	Sandy loam	36-52	B	
3032.01	10YR3/2	Very dark grayish brown	Silty loam	0-6		50' N of ST31
3032.02	10YR4/6	Dark yellowish brown	Silty loam	6 - 33		
3032.03	10YR5/6	Yellowish brown	Sandy loam	33-50		
3033.01	10YR2/2	Very dark brown	Silty loam	0-6		50' N of ST32
3033.02	10YR4/3	Brown	Silty clay	6 - 30		
3033.03	10YR5/6	Yellowish brown	Silty clay	30-46		
3034.01	10YR3/3	Dark brown	Sandy loam	0-6	Fill	50' E of ST33
3034.02	2.5YR4/6	Dark yellowish brown	Loamy sand	6 - 30	Fill	
3034.03	10YR4/3	Brown	Sand	30-53	A	
3034.04	10YR6/6	Brownish yellow	Sand	53-70	B	
3035.01	10YR3/2	Very dark grayish brown	Sandy loam	0-10	A(o)	50' S of ST34; discarded shell
3035.02	10YR4/3	Brown	Sand	10 - 40	A(p)	Layer 2: 2 flakes, 1 possible flake
3035.03	10YR6/6	Brownish yellow	Sand	40-70	B	Photo#508 + 509 =62, 63, facing north
3208.01	10YR2/2	Very dark brown	Silty loam	0-12	Topsoil	50' W of ST31; shell
3208.02	10YR3/4	Dark yellowish brown	Loamy sand	12 - 51	A	shell, ceramic
3208.03	10YR5/8	Yellowish brown	Sand	51-80	B	
3209.01	10YR3/3	Dark brown	Sandy loam	0-14	Topsoil	50' S of ST208
3209.02	10YR4/6	Dark yellowish brown	Loamy sand	14-52	A	
3209.03	7.5YR5/8	Strong brown	Sand	52-89	B	
3210.01	10YR2/2	Very dark brown	Sandy loam	0-9	Topsoil	50' W of ST209
3210.02	10YR3/4	Dark yellowish brown	Loamy sand	9 - 43	A	Site of survey point 2596

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3210.03	10YR4/6	Dark yellowish brown	Sand	43-75	B	Layer 2: shell, glass, flakes?
3211.01	10YR2/2	Very dark brown	Silty loam	0-10	Topsoil	50' N of ST210
3211.02	10YR3/6	Dark yellowish brown	Loamy sand	10 – 43	A	Layer 2: porcelain, jasper chunk
3211.03	10YR5/8	Yellowish brown	Sand	43-80	B	
3212.01	10YR2/2	Very dark brown	Silty loam	0-10	Topsoil	50' N of ST211
3212.02	10YR3/4	Dark yellowish brown	Loamy sand	10 – 39	A	Layer 2: shell, ceramic, flake?
3212.03	10YR5/8	Yellowish brown	Sand	39-68	B	
3213.01	10YR2/2	Very dark brown	Silty loam	0-13	Topsoil	50' W of ST212; glass
3213.02	10YR3/4	Dark yellowish brown	Loamy sand	13-39	A	
3213.03	10YR5/8	Yellowish brown	Sand	39-68	B	
3214.01	10YR2/2	Very dark brown	Silty loam	0-12	Topsoil	50'S of ST213
3214.02	10YR3/4	Dark yellowish brown	Loamy sand	12 – 53	A	discarded shell
3214.03	10YR5/8	Yellowish brown	Sand	53-88	B	
3215.01	10YR2/2	Very dark brown	Silty loam	0-13	Topsoil	50' S of ST214
3215.02	10YR3/4	Dark yellowish brown	Loamy sand	13-48	A	
3215.03	10YR5/8	Yellowish brown	Sand	48-71	B	
3216.01	10YR2/2	Very dark brown	Silty loam	0-10		50' W of ST214; ceramic
3216.02	10YR3/4	Dark yellowish brown	Loamy sand	10 – 47		
3216.03	10YR5/8	Yellowish brown	Sand	47-69		
3217.01	10YR2/2	Very dark brown	Silty loam	0-12	Topsoil	50' S of ST215
3217.02	10YR4/4	Dark yellowish brown	Loamy sand	12 – 70	A	discarded shell
3217.03	10YR5/8	Yellowish brown	Sand	70-91	B	
3218.01	10YR2/1	Black	Loam	0-10		50' W of ST216; discarded shell, coal
3218.02	10YR3/6	Dark yellowish brown	Sandy loam	10 – 56		Layer 2: plastic
3219.01	10YR2/1	Black	Silty loam	0-7		50' S of ST218
3219.02	10YR4/3	Brown	Sandy loam	7 – 36		discarded shell; 2 flakes
3219.03	10YR4/6	Dark yellowish brown	Sand	36-63		
3220.01	10YR2/2	Very dark brown	Sandy loam	0-9	A(o)	75' NW of ST218
3220.02	10YR4/4	Dark yellowish brown	Loamy sand	9 – 62	A	
3220.03	10YR5/8	Yellowish brown	Sand	62-98	B	
3221.01	10YR2/2	Very dark brown	Sandy loam	0-7	A(o)	50' S of ST220
3221.02	10YR3/6	Dark yellowish brown	Loamy sand	7 – 71	A	discarded coal; flakes, shell
3221.03	10YR5/8	Yellowish brown	Sand	71-92	B	
3222.01	10YR2/2	Very dark brown	Sandy clayey loam	0-9		50'S S of ST221
3222.02	10YR4/6	Dark yellowish brown	Sandy clayey loam	9 – 45		
3222.03	10YR4/6	Dark yellowish brown	Sandy clay	45-66	Fill	
3223.01	10YR2/2	Very dark brown	Sandy loam	0-9		50' W of ST220
3223.02	10YR3/4	Dark yellowish brown	Loamy sand	9 – 43	A?	Layer 2: flake
3223.03	10YR5/6	Yellowish brown	Sand	43-72	B?	
3224.01	10YR2/2	Very dark brown	Sandy loam	0-11	A(o)	50' S of ST224

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3224.02	10YR3/4	Dark yellowish brown	Loamy sand	11 – 71	A	
3224.03	10YR5/8	Yellowish brown	Sand	71-93	B	
3225.01	10YR2/2	Very dark brown	Sandy loam	0-10	A(o)	50' S of ST225
3225.02	10YR3/4	Dark yellowish brown	Loamy sand	10 – 48	A	discarded shell
3225.03	10YR4/6	Dark yellowish brown	Sand	48-71	B	
3226.01	10YR2/2	Very dark brown	Sandy loam	0-14	A(o)	50' W of ST223
3226.02	10YR3/4	Dark yellowish brown	Loamy sand	14-31	A?	
3226.03	10YR5/8	Yellowish brown	Sand	31-82	B?	kaolin, glass
3227.01	10YR2/2	Very dark brown	Sandy loam	0-9	Topsoil	50' S of ST226
3227.02	10YR3/3	Dark brown	Loamy sand	9 – 67	A	discarded shell
3227.03	10YR5/6	Yellowish brown	Sand	67-99	B	
3228.01	10YR2/2	Very dark brown	Sandy loam	0-13	Topsoil	50' S of ST227
3228.02	10YR3/3	Dark brown	Loamy sand	13-47	A	discarded shell; ceramic
3228.03	10YR5/6	Yellowish brown	Sand	47-64	B	
3229.01	10YR2/2	Very dark brown	Sandy loam	0-7	Topsoil	50' W of ST226
3229.02	10YR3/3	Dark brown	Loamy sand	7 – 35	A	
3229.03	10YR5/6	Dark yellowish brown	Sand	35-62	B	
3230.01	10YR2/2	Very dark brown	Sandy loam	0-8		50' S of ST229
3230.02	10YR3/2	Very dark grayish brown	Sandy loam	8 – 23		
3230.03	10YR3/4	Dark yellowish brown	Loamy sand	23-59	A?	flake
3230.04	10YR5/8	Yellowish brown	Sand	59-76	B	
3231.01	10YR2/2	Very dark brown	Sandy loam	0-11	Topsoil	50' S of ST230
3231.02	10YR3/4	Dark yellowish brown	Loamy sand	11 – 46	A	
3231.03	7.5YR5/6	Strong brown	Loamy sand	46-63	B	
3232.01	10YR2/2	Very dark brown	Sandy loam	0-9	Topsoil	50' S of ST231
3232.02	7.5YR4/4	Brown	Sandy clay	9 – 24	Fill	
3232.03	7.5YR4/6	Strong brown	Loamy sand	24-53	A?	
3232.04	7.5YR5/6	Strong brown	Sand	53-74	B?	
3233.01	10YR2/2	Very dark brown	Sandy loam	0-7	Topsoil	50' W of ST229
3233.02	10YR3/4	Dark yellowish brown	Loamy sand	7 – 53	A	
3233.03	10YR5/6	Yellowish brown	Sand	53-74	B	
3234.01	10YR2/2	Very dark brown	Sandy loam		Topsoil	50' S of ST233
3234.02	10YR3/4	Dark yellowish brown	Sand		A	
3234.03	10YR5/6	Yellowish brown	Sand		B	
3235.01	10YR2/2	Very dark brown	Silty loam	0-10	Fill	50' S of ST234
3235.02	2.5YR4/4	Reddish brown	Gravelly sandy clayey loam	10 – 37	Fill	
3235.03	2.5YR4/4	Reddish brown	Gravelly sandy clay	37-64	Fill	
3236.01	10YR2/2	Very dark brown	Sandy loam	0-11	Topsoil	50' S of ST235
3236.02	2.5YR4/4	Reddish brown	Gravelly sandy clayey loam	11 – 46	Fill	
3236.03	7.5YR4/4	Brown	Sandy Clay	46-56	Fill	stopped by rock

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3237.01	10YR2/2	Very dark brown	Sandy loam	0-8	Topsoil	50' W of ST233; glass
3237.02	7.5YR4/6	Strong brown	Sandy clay	8 – 31	Fill	
3237.03	10YR3/4	Dark yellowish brown	Loamy sand	31-49	A?	
3237.04	7.5YR5/6	Strong brown	Sand	49-63	B?	
3238.01	10YR2/1	Black	Silty loam	0-11	Topsoil	50' S of ST237
3238.02	10YR3/4	Dark yellowish brown	Loamy sand	11 – 53	A	Layer 2: bolt
3238.03	7.5YR4/6	Strong brown	Sandy clayey loam	53-72	B?	
3239.01	10YR2/2	Very dark brown	Silty loam	0-7	Topsoil	50' S of ST238; stopped by impenetrable rock layer
3239.02	7.5YR4/6	Strong brown	Loamy sand	7 – 47	A	
3239.03	2.5YR4/4	Reddish brown	Sandy clayey loam	47-66	B?	flake, large rocks
3240.01	10YR2/2	Very dark brown	Silty loam	0-11	Topsoil	50' S of ST239:
3240.02	7.5YR4/4	Brown	Sandy loam	11 – 40	A?	
3240.03	7.5YR4/6	Strong brown	Rock layer w/ Sandy loam inclusion	40-63	B?	
3241.01	10YR2/2	Very dark brown	Silty loam	0-11	Topsoil	50' W of ST237
3241.02	7.5YR4/4	Brown	Sandy clayey loam	11 – 29	Fill?	Layer 2: glass
3241.03	10YR4/4	Dark yellowish brown	Sandy loam	29-47	A?	
3241.04	7.5YR4/6	Strong brown	Sand	47-68	B?	
3242.01	10YR2/2	Very dark brown	Silty loam	0-15	Topsoil	50' S of ST241
3242.02	10YR3/4	Dark yellowish brown	Sandy loam	15-54	A	Layer 2: ceramic
3242.03	7.5YR5/6	Strong brown	Sand	54-70	B	
3243.01	10YR2/2	Very dark brown	Silty loam	0-7	Topsoil	50' S of ST242
3243.02	10YR3/4	Dark yellowish brown	Sandy loam	7 – 51	A	
3243.03	7.5YR4/6	Strong brown	Sand	51-69	B	
3244.01	10YR2/2	Very dark brown	Sandy loam	0-11	Topsoil	50' S of ST243
3244.02	10YR3/3	Dark brown	Loamy sand	11 – 64	A	Layer 2: glass, kaolin, nails, shell; Layer 3: glass, ceramic, flake?
3244.03	7.5YR4/6	Strong brown	Sandy clay	64-99	B	Photo # 501-502=57+58, facing west
3245.01	10YR3/3	Dark brown	Sand	0-12		50' S of ST244
3245.02	10YR4/4	Dark yellowish brown	Sand	12 – 52		
3246.01	10YR3/2	Very dark grayish brown	Sand	0-40	A	50' W of ST245; ceramic, nails
3246.02	10YR5/4	Yellowish brown	Sand	40-79	B	
3247.01	10YR3/2	Very dark grayish brown	Loam	0-10		50' N of ST246
3247.02	10YR4/3	Brown	Sandy loam	10 – 33	A	Layer 2: glass
3247.03	10YR4/4	Dark yellowish brown	Sand	33-59	B	
3248.01	10YR2/2	Very dark brown	Silty loam	0-12	Topsoil	50' N of ST247
3248.02	10YR3/4	Dark yellowish brown	Sandy loam	12 – 36	A	
3248.03	7.5YR4/6	Strong brown	Sandy clayey loam	36-58	B	
3249.01	10YR2/2	Very dark brown	Silty loam	0-11	Topsoil	50' N of ST248
3249.02	7.5YR3/3	Dark brown	Sandy loam	11 – 37	A	Layer 2: glass, ceramic, nails

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3249.03	2.5YR5/6	Red	Sandy clay	37-66	B	
3250.01	10YR3/2	Very dark grayish brown	Loam	0-8	Fill	50' N of ST249
3250.02	10YR4/3	Brown	Loam	8 - 30	Fill	Layer 2: redware; mixed w/brown 7.5YR4/4
3250.03	7.5YR4/4	Brown	Clayey loam	30-60	Fill or B	
3251.01	10YR3/2	Very dark grayish brown	Loam	0-13		
3251.02	10YR4/3	Brown	Loamy sand	13-54	A?	50' W of ST249; discarded brick
3251.03	7.5YR4/4	Brown	Sand	54-80	B? Fill?	
3252.01	10YR3/1	Very dark gray	Loam	0-10	A(o)	50' S of ST251; discarded glass
3252.02	10YR4/3	Brown	Sand	10 - 44	A	
3252.03	10YR4/4	Dark yellowish brown	Sand	44-82	B	
3253.01	10YR4/3	Brown	Sand	0-44	A	50' S of ST252; bone, sampled shell
3253.02	10YR5/8	Yellowish brown	Sand	44-79	B	
3254.01	10YR4/3	Brown	Sand	0-35		50' S of ST253; discarded shell, plastic
3254.02	7.5YR4/4	Brown	Sandy loam	35-60	B or Fill	
3255.01	10YR3/2	Very dark grayish brown	Sand	0-23	A? Fill?	50' W of ST251
3255.02	7.5YR4/4	Brown	Sandy clayey loam	23-45	B? Fill?	
3275.01	10YR2/2	Very dark brown	Silty loam	0-4		N95E210
3275.02	10YR3/2	Very dark grayish brown	Sandy loam	4-10		
3275.03	10YR5/8	Yellowish brown	Sand	10-31		2 flakes, redware, stain on wall, 20-23cm
3275.04	10YR5/6	Yellowish brown	Sand	31-53		
3276.01	10YR2/2	Very dark brown	Silty loam	0-4		N95E205
3276.02	10YR3/2	Very dark grayish brown	Sandy loam	4-14		
3276.03	10YR5/8	Yellowish brown	Sand	14-32		Discarded brick
3276.04	10YR5/6	Yellowish brown	Sand	32-47		
3277.01	10YR2/2	Very dark brown	Sandy loam	0-6	Ao	N95E200
3277.02	10YR4/3	Brown	Sandy loam	6-14	A	shell discarded
3277.03	10YR5/6	Yellowish brown	Sand	14-72	B	
3278.01	10YR2/2	Very dark brown	Silty loam	0-4		N95E195
3278.02	10YR3/2	Very dark grayish brown	Sandy loam	4-13		1 flake
3278.03	10YR5/8	Yellowish brown	Sand	13-28		
3278.04	10YR3/6	Dark yellowish brown	Sand	28-51		
3279.01	10YR2/2	Very dark brown	Silty loam	0-4		N100E210
3279.02	10YR3/2	Very dark grayish brown	Sandy loam	4-17		flake & shells
3279.03	10YR5/8	Yellowish brown	Sand	17-40		stain on wall, 20-23cm
3280.01	10YR2/2	Very dark brown	Silty loam	0-4		N100E205
3280.02	10YR3/2	Very dark grayish brown	Sandy loam	4-12		Glass base
3280.03	10YR5/3	Brown	Sandy clay	12-22		Grey clay pocket
3280.04	10YR5/8	Yellowish brown	Sand	22-40		
3280.05	10YR5/6	Yellowish brown	Sand	40-60		
3281.01	10YR2/2	Very dark brown	Sandy loam	0-6	Ao	N100E200

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3281.02	10YR4/3	Brown	Sandy loam	6-22	A	Shell & battery cable discarded
3281.03	10YR5/6	Yellowish brown	Sand	22-73	B	
3282.01	10YR3/2	Very dark grayish brown	Loamy sand	0-14	Ao	N100E195
3282.02	10YR4/4	Dark yellowish brown	Loamy sand	14-44	A	Shell, fcr, bone, flakes; Shell discarded
3282.03	10YR5/6	Yellowish brown	Sand	44-80	B	
3283.01	10YR2/2	Very dark brown	Sandy loam	0-13	Ao	N90E220; by oak tree
3283.02	10YR4/3	Brown	Sandy loam	13-48	A	stoneware
3283.03	10YR6/4	Light yellowish brown	Sand	48-80	B	
3284.01	10YR2/2	Very dark brown	Sandy loam	0-6	Ao	N90E215
3284.02	10YR4/3	Brown	Sandy loam	6-50	A	nail, whiteware, shell
3284.03	10YR4/6	Dark yellowish brown	Sand	50-73	B	
3285.01	10YR2/2	Very dark brown	Silty loam	0-4		N90E205
3285.02	10YR4/3	Brown	Sandy loam	4-10		
3285.03	10YR5/8	Yellowish brown	Sand	10-35		brick, discarded
3285.04	10YR5/6	Yellowish brown	Sand	35-62		
3286.01	10YR2/2	Very dark brown	Sandy loam	0-14	Ao	N90E200
3286.02	10YR4/3	Brown	Sandy loam	14-43	A	Shell sampled, fcr
3286.03	10YR6/6	Brownish yellow	Sand	43-74	B	
3287.01	10YR2/2	Very dark brown	Silty loam	0-4		N90E190
3287.02	10YR3/2	Very dark grayish brown	Sandy loam	4-11		chert base
3287.03	10YR5/8	Yellowish brown	Sand	11-31		
3287.04	10YR5/6	Yellowish brown	Sand	31-50		root obstruction
3288.01	10YR2/2	Very dark brown	Silty loam	0-8		N90E185
3288.02	10YR3/2	Very dark grayish brown	Sandy loam	8-15		leather fragments
3288.03	10YR5/8	Yellowish brown	Sand	15-30		
3288.04	10YR5/6	Yellowish brown	Sand	30-45		
3289.01	10YR2/2	Very dark brown	Humus & roots	0-18		N85E210
3289.02	10YR3/4	Dark yellowish brown	Sandy loam	18-55		shell
3289.03	10YR4/6	Dark yellowish brown	Fine sand	55-81		
3290.01	10YR3/2	Very dark grayish brown	Humus & roots	0-19		N85E205
3290.02	10YR3/4	Dark yellowish brown	Sandy loam	19-37		shell, flakes, fcr
3290.03	10YR4/6	Dark yellowish brown	Fine sand	37-60		
3291.01	10YR2/2	Very dark brown	Humus & roots	0-16		N80E200
3291.02	10YR3/4	Dark yellowish brown	Sandy loam	16-34		
3291.03	10YR5/6	Yellowish brown	Fine sand	34-69		
3292.01	10YR2/2	Very dark brown	Humus & roots	0-12		N80E195
3292.02	10YR3/4	Dark yellowish brown	Sandy loam	12-31		shell
3292.03	10YR5/6	Yellowish brown	Fine sand	31-56		
3293.01	10YR2/2	Very dark brown	Humus & roots	0-12		N85E190
3293.02	10YR3/4	Dark yellowish brown	Silty sand	12-32		shell, fcr, historic ceramics
3293.03	10YR5/6	Yellowish brown	Fine sand	32-56		

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3294.01	10YR2/2	Very dark brown	Humus & roots	0-11		N85E185
3294.02	10YR3/4	Dark yellowish brown	Silty sand	11-22		shell, fcr
3294.03	10YR5/6	Yellowish brown	Fine sand	22-54		
3295.01	10YR2/2	Very dark brown	Humus & roots	0-20		N80E210
3295.02	10YR3/4	Dark yellowish brown	Silty sand	20-50		shell
3295.03	10YR5/6	Yellowish brown	Fine sand	50-84		
3296.01	10YR2/2	Very dark brown	Humus & roots	0-19		N80E205
3296.02	10YR3/4	Dark yellowish brown	Silty sand	19-43		shell, flakes
3296.03	10YR4/6	Dark yellowish brown	Fine sand	43-55		
3297.01	10YR2/2	Very dark brown	Silty loam	0-6		N80E200
3297.02	10YR3/2	Very dark grayish brown	Sandy loam	6-12		chert flake
3297.03	10YR5/6	Yellowish brown	Sand	12-49		
3298.01	10YR2/2	Very dark brown	Silty loam	0-4		N80E195
3298.02	10YR3/2	Very dark grayish brown	Sandy loam	4-11		whiteware
3298.03	10YR5/6	Yellowish brown	Sand	11-23		
3298.04	10YR5/8	Yellowish brown	Sand	23-54		
3299.01	10YR3/2	Very dark grayish brown	Humus & roots	0-18		N80E190
3299.02	10YR3/4	Dark yellowish brown	Sandy loam	18-40		flake, shell, fcr
3299.03	10YR5/4	Yellowish brown	Fine sand	40-66		
3300.01	10YR3/2	Very dark grayish brown	Humus & Sandy loam	0-20		N80E185
3300.02	10YR3/4	Dark yellowish brown	Sandy loam	20-53		shell, flake
3300.03	10YR5/4	Yellowish brown	Fine sand	53-70		
3301.01	10YR2/2	Very dark brown	Silty loam	0-7		N75E205
3301.02	10YR3/2	Very dark grayish brown	Sandy loam	7-15		
3301.03	7.5YR4/6	Strong brown	Sand	15-45		
3301.04	10YR5/8	Yellowish brown	Sand	45-50		
3302.01	10YR2/2	Very dark brown	Silty loam	0-5		N75E200
3302.02	10YR3/2	Very dark grayish brown	Sandy loam	5-16		
3302.03	7.5YR4/6	Strong brown	Sand	16-48		
3303.01	10YR2/2	Very dark brown	Humus & roots	0-17		N75E190
3303.02	10YR3/3	Dark brown	Sandy loam	17-40		shell towards bottom
3303.03	?	Dark brown	Shell & sand	40-41		shell lens
3303.04	10YR4/4	Dark yellowish brown	Fine sand	41-78		
3304.01	10YR2/2	Very dark brown	Sandy loam	0-10	Ao	N75E185
3304.02	10YR4/3	Brown	Loamy sand	10-40	A	flakes, glass, stoneware, shell discarded
3304.03	10YR5/6	Yellowish brown	Sand	40-81	B	
3305.01	10YR2/2	Very dark brown	Silty loam	0-4		N70E205
3305.02	10YR3/2	Very dark grayish brown	Sandy loam	4-28		large rocks & roots
3305.03	7.5YR4/6	Strong brown	Silty sand	28-47		
3305.04	7.5YR4/4	Dark yellowish brown	Sand	47-65		
3306.01	10YR2/2	Very dark brown	Silty loam	0-6		N70E200
3306.02	10YR3/2	Very dark grayish brown	Sandy loam	6-25		glass, jasper flake

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3306.03	7.5YR4/6	Strong brown	Silty sand	25-45		
3306.04	7.5YR4/4	Dark yellowish brown	Sand	45-54		
3307.01	10YR2/2	Very dark brown	Humus & roots	0-7		N70E195
3307.02	10YR3/3	Dark brown	Sandy loam	7-25		shell, fcr, cast iron
3307.03	10YR4/6	Dark yellowish brown	Fine sand	25-63		
3308.01	10YR2/2	Very dark brown	Humus & roots	0-16		N70E190
3308.02	10YR3/3	Dark brown	Sandy loam	16-48		shell, flake
3308.03	10YR4/4	Dark yellowish brown	Fine sand	58-80		
3309.01	10YR2/2	Very dark brown	Sandy loam	0-12	Ao	N70E185
3309.02	10YR4/3	Brown	Loamy sand	12-59	A	Disturbed; shell, bottle glass; Rodent burrow
3309.03	10YR5/6	Yellowish brown	Sand	59-80	B	
3310.01	10YR3/2	Very dark grayish brown	Sandy loam	0-13		N65E205
3310.02	10YR4/4	Dark yellowish brown	Loamy sand	13-33		Brick, discarded
3310.03	10YR5/8	Yellowish brown	Sand	33-75		
3311.01	10YR2/2	Very dark brown	Silty loam	0-5		N65E200
3311.02	10YR3/2	Very dark grayish brown	Sandy loam	5-16		glass
3311.03	7.5YR4/6	Strong brown	Silty sand	16-29		
3311.04	7.5YR4/4	Dark yellowish brown	Sand	29-43		
3312.01	10YR2/2	Very dark brown	Sandy loam	0-8	Ao	N65E195
3312.02	10YR4/3	Brown	Loamy sand	8-18	A	fcr, shell sampled, flakes
3312.03	10YR5/8	Yellowish brown	Sand	18-76	B	
3313.01	10YR2/2	Very dark brown	Sandy loam	0-6	Ao	N75E185
3313.02	10YR3/3	Dark brown	Loamy sand	6-47	A	fcr, flake, shell sample
3313.03	10YR5/6	Yellowish brown	Sand	47-87	B	chopper, fcr, flakes
3314.01	10YR2/2	Very dark brown	Humus & roots	0-12		N65E190
3314.02	10YR3/3	Dark brown	Sandy loam	12-29		shell, flakes
3314.03	10YR4/4	Dark yellowish brown	Fine sand	29-52		
3315.01	10YR3/2	Very dark grayish brown	Sandy loam	0-9	Ao	N60E205
3315.02	10YR4/4	Dark yellowish brown	Loamy sand	8-29	A	shell discarded in field
3315.03	10YR5/8	Yellowish brown	Sand	29-60	B	
3316.01	10YR3/2	Very dark grayish brown	Sandy loam	0-10	Ao	N60E200
3316.02	10YR4/4	Dark yellowish brown	Loamy sand	10-36	A	flakes, sampled shell
3316.03	10YR5/8	Yellowish brown	Sand	36-97	B	flakes, shiteaware, core
3317.01	10YR2/2	Very dark brown	Sandy loam	0-7	Ao	N60E185
3317.02	10YR4/3	Brown	Loamy sand	7-32	A	shell sampled, flake, fcr, hammer
3317.03	10YR5/6	Yellowish brown	Sand	32-75	B	
3318.01	10YR2/2	Very dark brown	Humus & roots	0-10		N60E190
3318.02	10YR3/3	Dark brown	Sandy loam	10-28		shell, discarded in field, clam & oyster
3318.03	10YR5/6	Yellowish brown	Fine sand	28-47		
3319.01	10YR2/2	Very dark brown	Sandy loam	0-13		N55E195

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3319.02	10YR4/3	Brown	Loamy sand	13-25		for
3319.03	10YR5/6	Yellowish brown	Sand	25-70		
3320.01	10YR2/2	Very dark brown	Sandy loam	0-16		N50E195
3320.02	10YR4/3	Brown	Loamy sand	16-33		shell, flake
3320.03	10YR5/6	Yellowish brown	Sand	33-62		
3321.01	10YR2/2	Very dark brown	Silty loam	0-4		N55E150
3321.02	10YR3/2	Very dark grayish brown	Loam	4-10		
3321.03	10YR5/8	Yellowish brown	Sandy loam	10-34		
3321.04	10YR5/6	Yellowish brown	Sand	34-52		
3322.01	10YR2/2	Very dark brown	Silty loam	0-8		N50E150; root inclusions
3322.02	10YR3/2	Very dark grayish brown	Loam	8-15		
3322.03	10YR5/8	Yellowish brown	Sandy loam	15-32		
3322.04	10YR5/6	Yellowish brown	Sand	32-48		
3323.01	10YR2/2	Very dark brown	Humus & roots	0-11		N60E160
3323.02	10YR3/3	Dark brown	Sandy loam	11-49		
3323.03	10YR4/6	Dark yellowish brown	Fine sand	49-70		
3324.01	10YR2/2	Very dark brown	Humus & roots	0-11		N60E155
3324.02	10YR3/3	Dark brown	Silty loam	11-38		shell, for, pottery
3324.03	10YR4/6	Dark yellowish brown	Sandy silt	38-58		
3325.01	10YR2/2	Very dark brown	Humus & roots	0-10		N60E145; discarded plastic, styrofoam
3325.02	10YR3/4	Dark yellowish brown	Silty loam	10-27		whiteware
3325.03	10YR4/4	Dark yellowish brown	Sandy silt	27-42		
3326.01	10YR2/2	Very dark brown	Humus & roots	0-12		N60E140
3326.02	10YR3/3	Dark brown	Silty loam	12-31		flake, for
3326.03	10YR4/6	Dark yellowish brown	Sandy silt	31-47		
3327.01	10YR2/2	Very dark brown	Silty loam	0-6		N65E150
3327.02	10YR3/2	Very dark grayish brown	Loam	6-15		nail, for, charcoal sample
3327.03	10YR5/8	Yellowish brown	Sandy loam	15-34		
3327.04	10YR5/6	Yellowish brown	Sand	34-42		
3328.01	10YR2/2	Very dark brown	Silty loam	0-4		N65E145
3328.02	10YR3/2	Very dark grayish brown	Loam	4-11		
3328.03	7.5YR4/6	Strong brown	Sandy loam	11-35		for, pottery, charcoal & shell discarded
3328.04	7.5YR4/4	Dark yellowish brown	Sand	35-61		
3329.01	10YR2/2	Very dark brown	Silty loam	0-5		N65E140
3329.02	10YR3/2	Very dark grayish brown	Loam	5-16		
3329.03	10YR5/8	Yellowish brown	Sandy loam	16-31		flakes
3329.04	10YR5/6	Yellowish brown	Sand	31-48		large rocks
3330.01	10YR2/2	Very dark brown	Silty loam	0-4		N65E135
3330.02	10YR3/2	Very dark grayish brown	Loam	4-11		
3330.03	10YR5/8	Yellowish brown	Sandy loam	11-26		
3330.04	10YR5/6	Yellowish brown	Sand	26-42		
3331.01	10YR2/2	Very dark brown	Humus & roots	0-14		N70E150

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3331.02	10YR3/4	Dark yellowish brown	Sandy loam	14-71		for, pottery, at bottom of layer
3331.03	10YR5/6	Yellowish brown	Silt	71-86		
3332.01	10YR2/2	Very dark brown	Humus & roots	0-13		N70E145
3332.02	10YR3/4	Dark yellowish brown	Silty loam	13-63		shell, for
3332.03	10YR5/6	Yellowish brown	Slightly sandy silt	63-78		
3333.01	10YR3/2	Very dark grayish brown	Sandy loam	0-9	Ao	N70E140
3333.02	10YR4/4	Dark yellowish brown	Loamy sand	9-66	A	flake, (shell, brick discarded in field)
3333.03	10YR6/8	Brownish yellow	Sand	66-88	B	
3334.01	10YR3/2	Very dark grayish brown	Sandy loam	0-10	Ao	N70E135
3334.02	10YR4/4	Dark yellowish brown	Loamy sand	10-74	A	flake, shell, for
3334.03	10YR6/8	Brownish yellow	Sand	74-109	B	flake
3335.01	10YR3/2	Very dark grayish brown	Sandy loam	0-8	Ao	N75E145
3335.02	10YR4/6	Dark yellowish brown	Sand	8-48	A	disturbed, flakes, redware, for, discarded shell
3335.03	10YR6/6	Brownish yellow	Sand	48-77	B	
3336.01	10YR3/2	Very dark grayish brown	Sandy loam	0-4	Ao	N75E140
3336.02	10YR4/4	Dark yellowish brown	Loamy sand	4-48	A	shell, for, brick, flakes
3336.03	10YR6/8	Brownish yellow	Sand	48-84	B	
3337.01	10YR2/2	Very dark brown	Silty loam	0-4		N75E130
3337.02	10YR3/2	Very dark grayish brown	Loam	4-15		
3337.03	10YR5/6	Yellowish brown	Sandy loam	15-54		
3338.01	10YR2/2	Very dark brown	Silty loam	0-5		N75E125
3338.02	10YR3/2	Very dark grayish brown	Loam	5-23		
3338.03	7.5YR4/4	Dark yellowish brown	Sandy loam	23-54		
3338.04	7.5YR4/6	Strong brown	Sand	54-74		
3339.01	10YR3/3	Dark brown	Sandy loam	0-13	Ao	N80E135; moved 1m to avoid oak tree
3339.02	10YR4/3	Brown	Loamy sand	13-53	A	metal
3339.03	10YR4/6	Dark yellowish brown	Sand	53-80	B	
3340.01	10YR3/3	Dark brown	Sandy loam	0-7	Ao	N80E130
3340.02	10YR4/3	Brown	Loamy sand	7-55	A	flakes, for, shell
3340.03	10YR4/6	Dark yellowish brown	Sand	55-95	B	
3341.01	10YR2/2	Very dark brown	Silty loam	0-6		N80E125; glass, ?
3341.02	10YR3/2	Very dark grayish brown	Loam	6-12		
3341.03	10YR5/6	Yellowish brown	Sandy loam	12-39		chert scraper; stopped by root
3342.01	10YR4/3	Brown	Loam	0-10	Ao	N80E120
3342.02	10YR3/4	Dark yellowish brown	Loamy sand	10-74	A	flake
3342.03	10YR6/6	Brownish yellow	Sand	74-96	B	
3343.01	10YR2/2	Very dark brown	Humus & roots	0-15		N85E135
3343.02	10YR3/4	Dark yellowish brown	Sandy loam	15-57		shell, pottery
3343.03	10YR5/6	Yellowish brown	Fine sand	57-82		
3344.01	10YR2/2	Very dark brown	Humus & roots	0-9		N85E130

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3344.02	10YR3/4	Dark yellowish brown	Sandy loam	9-13		
3344.03	10YR3/2	Very dark grayish brown	Sandy silt	13-19		shell discarded in field
3344.04	10YR4/6	Dark yellowish brown	Fine sand	19-50		
3345.01	10YR3/3	Dark brown	Sandy loam	0-10	Ao	N85E125; truncated profile
3345.02	10YR5/6	Yellowish brown	Sand	10-80	B	
3346.01	10YR2/2	Very dark brown	Silty loam	0-4		N85E120
3346.02	10YR3/2	Very dark grayish brown	Loam	4-10		
3346.03	10YR5/6	Yellowish brown	Sandy loam	10-57		
3346.04	10YR5/8	Yellowish brown	Sand	57-73		
3347.01	10YR2/2	Very dark brown	Silty loam	0-6		N90E115
3347.02	10YR3/2	Very dark grayish brown	Loam	6-14		flake
3347.03	10YR5/6	Yellowish brown	Sandy loam	14-61		ceramic, nail
3347.04	10YR5/8	Yellowish brown	Sand	61-64		
3348.01	10YR2/2	Very dark brown	Silty loam	0-6		N90E110
3348.02	10YR3/2	Very dark grayish brown	Loam	6-23		
3348.03	7.5YR4/6	Strong brown	Sand	23-111		
3349.01	10YR2/2	Very dark brown	Humus & roots	0-12		N94E120; discarded plastic
3349.02	10YR4/4	Dark yellowish brown	?	12-42		mottled w/5YR4/4 (reddish brown)
3349.03	10YR5/6	Yellowish brown	Fine sand	42-57		
3350.01	10YR2/2	Very dark brown	Humus w/root mat	0-10	Ao	N70E120; bottle glass
3350.02	10YR3/4	Dark yellowish brown	Silty loam	10-80	A	shell, bottle glass
3350.03	10YR4/6	Dark yellowish brown	Sand	80-97	B	
3351.01	10YR2/2	Very dark brown	Humus w/root mat	0-13	Ao	N85E115
3351.02	10YR3/4	Dark yellowish brown	Sandy loam	13-78	A	ceramic, shell
3351.03	10YR4/6	Dark yellowish brown	Fine sand	78-96	B	
3352.01	10YR2/2	Very dark brown	Humus w/root mat	0-12	Ao	N80E115
3352.02	10YR3/4	Dark yellowish brown	Sandy loam	12-87	A	flake, for
3352.03	10YR4/6	Dark yellowish brown	Fine sand	87-102	B	
3353.01	10YR2/2	Very dark brown	Humus w/root mat	0-14	Ao	N85E130
3353.02	10YR3/4	Dark yellowish brown	Sandy loam	14-50	A	shell discarded in field
3353.03	10YR4/6	Dark yellowish brown	Fine sand	50-69	B	
3354.01	10YR2/2	Very dark brown	Humus w/root mat	0-20	Ao	N85E145
3354.02	10YR3/3	Dark brown	Sandy loam	20-40	A	shell, ceramic
3354.03	10YR4/6	Dark yellowish brown	Fine sand	40-66	B	
3355.01	10YR2/2	Very dark brown	Humus w/root mat	0-20	Ao	N90E135
3355.02	10YR3/4	Dark yellowish brown	Sandy loam	20-50	A	brick, shell, ceramic
3355.03	10YR4/6	Dark yellowish brown	Fine sand	50-71	B	
3356.01	10YR2/2	Very dark brown	Humus w/root mat	0-14	Ao	N80E140
3356.02	10YR3/6	Dark yellowish brown	Sandy loam	14-34	A	nail
3356.03	10YR4/6	Dark yellowish brown	Fine sand	34-53	B	
3357.01	10YR2/2	Very dark brown	Humus w/root mat	0-14	Ao	N80E140

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3357.02	10YR3/4	Dark yellowish brown	Sandy loam	14-31	A	glass, shell, fcr
3357.03	10YR4/6	Dark yellowish brown	Fine sand	31-56	B	
3358.01	10YR2/2	Very dark brown	Humus w/root mat	0-11	Ao	N75E155
3358.02	10YR3/6	Dark yellowish brown	Sandy loam	11-52	A	prehistoric ceramic, fcr
3358.03	10YR4/6	Dark yellowish brown	Fine sand	52-70	B	
3359.01	10YR2/2	Very dark brown	Humus w/root mat	0-13	Ao	N80E150
3359.02	10YR3/4	Dark yellowish brown	Sandy loam	13-40	A	shell, fcr, flake
3359.03	10YR4/6	Dark yellowish brown	Fine sand	40-69	B	
3360.01	10YR2/2	Very dark brown	Humus w/root mat	0-13	Ao	N70E155
3360.02	10YR3/4	Dark yellowish brown	Sandy loam	13-70	A	fcr, shell, ceramic
3360.03	10YR4/6	Dark yellowish brown	Fine sand	70-89	B	
3361.01	10YR2/2	Very dark brown	Humus w/root mat	0-14		N70E160
3361.02	10YR3/4	Dark yellowish brown	Sandy loam	14-70		wire, brick, fcr, charcoal, clam, oyster
3361.03	10YR4/6	Dark yellowish brown	Fine sand	70-91		
3362.01	10YR2/2	Very dark brown	Humus w/root mat	0-15	Ao	N65E155
3362.02	10YR3/4	Dark yellowish brown	Sandy loam	15-37	A	fcr, flake, brick, prehistoric & historic ceramics
3362.03	10YR4/6	Dark yellowish brown	Fine sand	37-61	B	
3363.01	10YR2/2	Very dark brown	Humus w/root mat	0-14		N65E160; ceramic discarded in field
3363.02	10YR3/4	Dark yellowish brown	Sandy loam	14-50		
3363.03	10YR4/6	Dark yellowish brown	Fine sand	50-70		
3364.01	10YR2/2	Very dark brown	Humus w/root mat	0-13	Ao	N65E155
3364.02	10YR3/4	Dark yellowish brown	Sandy loam	13-30	A	
3364.03	10YR4/6	Dark yellowish brown	Fine sand	30-50	B	
3365.01	10YR2/2	Very dark brown	Humus w/root mat	0-12		N50E155
3365.02	10YR3/4	Dark yellowish brown	Sandy loam	12-40		
3365.03	10YR4/6	Dark yellowish brown	Fine sand	40-60		
3366.01	10YR2/2	Very dark brown	Humus w/root mat	0-12	Ao	N7E?
3366.02	10YR3/4	Dark yellowish brown	Silty loam	12-41	A	
3366.03	7.5YR4/4	Dark yellowish brown	Compact silt	41-56	B	
3367.01	10YR2/2	Very dark brown	Humus w/root mat	0-8		N55E140
3367.02	10YR3/4	Dark yellowish brown	Silty loam	8-19		
3367.03	7.5YR4/4	Dark yellowish brown	Compact silt	19-34		w/red shale inclusions
3368.01	10YR2/2	Very dark brown	Humus w/root mat	0-14	Ao	N70E130
3368.02	10YR3/4	Dark yellowish brown	Sandy loam	14-84	A	leather, earthenware, shell
3368.03	10YR4/6	Dark yellowish brown	Fine sand	85-92	B	
3369.01	10YR2/2	Very dark brown	Humus w/root mat	0-14		N65E130
3369.02	10YR3/4	Dark yellowish brown	Sandy loam	14-50		
3369.03	10YR4/6	Dark yellowish brown	Fine sand	50-70		
3370.01	10YR2/2	Very dark brown	Humus w/root mat	0-15		N60E130
3370.02	10YR3/4	Dark yellowish brown	Sandy loam	15-34		

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3370.03	10YR4/6	Dark yellowish brown	Fine sand	34-49		
3371.01	10YR2/2	Very dark brown	Humus w/root mat	0-19	Ao	N70E125
3371.02	10YR3/3	Dark brown	Sandy loam	19-90	A	shell, ceramic
3371.03	10YR4/6	Dark yellowish brown	Fine sand	90-110	B	
3372.01	10YR3/2	Very dark grayish brown	Loamy sand	0-16	Ao	N65E180
3372.02	10YR3/4	Dark yellowish brown	Loamy sand	16-38	A	shell sample, brick
3372.03	10YR5/8	Yellowish brown	Sand	38-88	B	for
3373.01	10YR3/2	Very dark grayish brown	Loamy sand	0-10		N65E175
3373.02	10YR3/4	Dark yellowish brown	Loamy sand	10-46		shell discarded in field
3373.03	10YR5/8	Yellowish brown	Sand	46-88		
3374.01	10YR3/2	Very dark grayish brown	Loamy sand	0-10		N60E175
3374.02	10YR3/4	Dark yellowish brown	Loamy sand	10-33		shell, ?
3374.03	10YR5/8	Yellowish brown	Sand	33-90		for
3375.01	10YR3/2	Very dark grayish brown	Loamy sand	0-8		N70E180; near white birch
3375.02	10YR3/4	Dark yellowish brown	Loamy sand	8-58		shell sample, flakes pottery, for
3375.03	10YR5/8	Yellowish brown	Sand	58-100		
3376.01	10YR2/2	Very dark brown	Humus w/root mat	0-18	Ao	N70E175
3376.02	10YR3/4	Dark yellowish brown	Sandy loam	18-85	A	shell, flakes, for, ceramics
3376.03	10YR4/6	Dark yellowish brown	Fine sand	85-103	B	
3377.01	10YR2/2	Very dark brown	Humus w/root mat	0-16	Ao	N75E175
3377.02	10YR3/4	Dark yellowish brown	Sandy loam	16-60	A	shell discarded in field
3377.03	10YR4/6	Dark yellowish brown	Fine sand	60-96	B	
3378.01	10YR2/2	Very dark brown	Humus w/root mat	0-10	Ao	N85E180
3378.02	10YR3/3	Dark brown	Sandy loam	10-64	A	shell, for
3378.03	10YR4/6	Dark yellowish brown	Fine sand	64-80	B	
3379.01	10YR2/2	Very dark brown	Humus w/root mat	0-10	Ao	N85E175
3379.02	10YR3/4	Dark yellowish brown	Silty loam	10-52	A	shell, brick
3379.03	10YR4/6	Dark yellowish brown	Fine sand	52-70	B	
3380.01	10YR3/2	Very dark grayish brown	Loamy sand	0-7	Ao	N85E180
3380.02	10YR4/3	Brown	Loamy sand	7-40	A	redware, discarded shell
3380.03	10YR5/6	Yellowish brown	Sand	40-90	B	
3381.01	10YR3/2	Very dark grayish brown	Loamy sand	0-8	Ao	N85E175; lots of gravel
3381.02	10YR3/2	Very dark grayish brown	Loamy sand	8-25	fill	mixed w/10YR4/3 (brown)
3381.03	10YR4/3	Brown	Loamy sand	25-44	A	
3381.04	10YR5/6	Yellowish brown	Sand	44-79	B	
3382.01	10YR2/2	Very dark brown	Humus w/root mat	0-10	Ao	N95E190
3382.02	10YR3/4	Dark yellowish brown	Sandy loam	10-40	A	for, shell
3382.03	10YR4/6	Dark yellowish brown	Fine sand	40-60	B	
3383.01	10YR2/2	Very dark brown	Humus w/root mat	0-13	Ao	N95E185
3383.02	10YR3/4	Dark yellowish brown	Sandy loam	13-51	A	shell
3383.03	10YR4/6	Dark yellowish brown	Fine sand	51-70	B	

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3384.01	10YR2/2	Very dark brown	Humus w/root mat	0-13	Ao	N100E190
3384.02	10YR3/3	Dark brown	Sandy loam	13-70	A	shell, flake, fcr, pottery
3384.03	10YR4/4	Dark yellowish brown	Fine sand	70-86	B	
3385.01	10YR2/2	Very dark brown	Humus w/root mat	0-13		N100E185
3385.02	10YR3/4	Dark yellowish brown	Sandy loam	13-53		flake, oyster shell, possible midden
3385.03	10YR4/4	Dark yellowish brown	Fine sand	53-78		
3386.01	10YR3/2	Very dark grayish brown	Loamy sand	0-11		N100E215; gravel
3386.02	10YR4/4	Dark yellowish brown	Loamy sand	11-46		redware, nail; gravel
3386.03	10YR5/6	Yellowish brown	Sand	46-72		
3387.01	10YR3/2	Very dark grayish brown	Sandy loam	0-15	Ao	N100E220; discarded plastic
3387.02	10YR4/3	Brown	Loamy sand	15-44	A	
3387.03	10YR5/6	Yellowish brown	Sand	44-75	B	
3388.01	10YR3/2	Very dark grayish brown	Loamy sand	0-13		N95E215; discarded modern glass bottles
3388.02	10YR4/3	Brown	Loamy sand	13-50		discarded shell, modern glass bottle
3388.03	10YR4/6	Dark yellowish brown	Sand	50-67		
3389.01	10YR3/2	Very dark grayish brown	Loamy sand	0-9	Ao	N95E220
3389.02	10YR3/3	Dark brown	Loamy sand	9-39	A	brick discarded in field
3389.03	10YR6/4	Light yellowish brown	Sand	39-59	B	
3390.01	10YR2/2	Very dark brown	Humus w/root mat	0-15		N85E215
3390.02	10YR3/3	Dark brown	Sandy loam	15-78		glass, shell, fcr, earthenware
3390.03	2.5Y5/3	Light olive brown	Clayey silt	78-89		
3391.01	10YR2/2	Very dark brown	Humus w/root mat	0-9		N80E215
3391.02	10YR3/3	Dark brown	Sandy loam	9-41		shell, fcr, ceramics
3391.03	10YR3/6	Dark yellowish brown	Fine sand	41-68		
3392.01	10YR3/2	Very dark grayish brown	Sandy loam	0-20	Ao	N70E210
3392.02	10YR4/3	Brown	Loamy sand	20-38	A	fcr, shell discarded in field
3392.03	10YR5/8	Yellowish brown	Sand	38-62	B	
3393.01	10YR3/2	Very dark grayish brown	Loamy sand	0-8	Ao	N55E200
3393.02	10YR4/3	Brown	Loamy sand	8-30	A	shell & brick discarded in field
3393.03	10YR6/6	Brownish yellow	Sand	30-60	B	
3394.01	10YR3/2	Very dark grayish brown	Loamy sand	0-8	Ao	N55E205
3394.02	10YR4/3	Brown	Loamy sand	8-36	A	shell, flake, ceramic
3394.03	10YR6/6	Brownish yellow	Sand	36-66	B	
3395.01	10YR3/2	Very dark grayish brown	Loamy sand	0-8	Ao	N50E200
3395.02	10YR4/3	Brown	Loamy sand	8-38	A	flake
3395.03	10YR6/6	Brownish yellow	Sand	38-67	B	
3396.01	10YR3/2	Very dark grayish brown	Loamy sand	0-12	Ao	N50E205; discarded modern glass
3396.02	10YR4/3	Brown	Loamy sand	12-32	A	discarded shell
3396.03	10YR6/6	Brownish yellow	Sand	32-60	B	

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3397.01	10YR2/2	Very dark brown	Humus w/root mat	0-13		N55E190
3397.02	10YR3/3	Dark brown	Sandy loam	13-30		discarded shell in field
3397.03	10YR4/6	Dark yellowish brown	Fine sand	30-50		
3398.01	10YR2/2	Very dark brown	Humus w/root mat	0-10		N55E185
3398.02	10YR3/3	Dark brown	Sandy loam	10-23		shell, flake
3398.03	10YR4/6	Dark yellowish brown	Fine sand	23-40		
3399.01	10YR2/2	Very dark brown	Humus w/root mat	0-15		N50E185
3399.02	10YR3/3	Dark brown	Sandy loam	15-30		for, glass, shell
3399.03	10YR4/6	Dark yellowish brown	Fine sand	30-49		
3400.01	10YR2/2	Very dark brown	Humus w/root mat	0-15		N50E190
3400.02	10YR3/3	Dark brown	Sandy loam	15-30		leather discarded in field
3400.03	10YR4/6	Dark yellowish brown	Fine sand	30-50		
3401.01	10YR2/2	Very dark brown	Humus w/root mat	0-20		N60E170
3401.02	10YR3/3	Dark brown	Sandy loam	20-50		shell, flake
3401.03	10YR4/6	Dark yellowish brown	Fine sand	50-70		
3402.01	10YR2/2	Very dark brown	Humus w/root mat	0-17		N55E175
3402.02	10YR3/3	Dark brown	Sandy loam	17-36		redware, shell
3402.03	10YR4/6	Dark yellowish brown	Fine sand	36-57		
3403.01	10YR2/2	Very dark brown	Humus w/root mat	0-12		N50E175
3403.02	10YR3/3	Dark brown	Sandy loam	12-30		
3403.03	10YR4/6	Dark yellowish brown	Fine sand	30-46		
3404.01	10YR2/2	Very dark brown	Humus w/root mat	0-12		N70E170
3404.02	10YR3/3	Dark brown	Sandy loam	12-65		shell discarded in field
3404.03	10YR4/6	Dark yellowish brown	Fine sand	65-87		
3405.01	10YR2/2	Very dark brown	Humus w/root mat	0-12		N70E165
3405.02	10YR3/3	Dark brown	Sandy loam	12-50		
3405.03	10YR4/6	Dark yellowish brown	Fine sand	50-72		
3406.01	10YR2/2	Very dark brown	Humus w/root mat	0-12		N65E165
3406.02	10YR3/3	Dark brown	Silty loam	12-40		shell, for
3406.03	10YR4/6	Dark yellowish brown	Fine sand	40-60		
3407.01	10YR2/2	Very dark brown	Humus w/root mat	0-13		N80E170
3407.02	10YR3/3	Dark brown	Sandy loam	13-47		
3407.03	10YR4/4	Dark yellowish brown	Fine sand	47-62		
3408.01	10YR2/2	Very dark brown	Humus w/root mat	0-20		N80E160
3408.02	10YR3/3	Dark brown	Sandy loam	20-56		
3408.03	10YR4/4	Dark yellowish brown	Fine sand	56-72		
3409.01	10YR2/2	Very dark brown	Humus w/root mat	0-12		N80E155
3409.02	10YR3/3	Dark brown	Sandy loam	12-40		
3409.03	10YR4/6	Dark yellowish brown	Fine sand	40-62		

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3410.01	10YR2/2	Very dark brown	Humus w/root mat	0-13		N75E160
3410.02	10YR3/3	Dark brown	Sandy loam	13-70		shell, pottery
3410.03	10YR4/6	Dark yellowish brown	Fine sand	70-85		
3411.01	10YR2/2	Very dark brown	Humus w/root mat	0-17		N90E145
3411.02	10YR3/3	Dark brown	Sandy loam	17-37		
3411.03	10YR4/6	Dark yellowish brown	Fine sand	37-62		
3412.01	10YR2/2	Very dark brown	Humus w/root mat	0-12		N80E110
3412.02	10YR3/3	Dark brown	Sandy loam	12-53		coal, shell, ceramic
3412.03	10YR4/6	Dark yellowish brown	Fine sand	53-70		
3413.01	10YR2/2	Very dark brown	Humus w/root mat	0-17		N85E110
3413.02	10YR3/3	Dark brown	Sandy loam	17-71		metal spring
3413.03	10YR4/6	Dark yellowish brown	Fine sand	71-92		
3414.01	10YR2/2	Very dark brown	Humus w/root mat	0-12		N80E105
3414.02	10YR3/4	Dark yellowish brown	Sandy loam	12-70		
3414.03	10YR4/6	Dark yellowish brown	Fine sand	70-90		
3415.01	10YR2/2	Very dark brown	Humus w/root mat	0-13		N100E180; asphalt discarded in field
3415.02	10YR3/4	Dark yellowish brown	Sandy loam	13-57		flake, fcr, shell, brick, glass, ceramic
3415.03	10YR4/6	Dark yellowish brown	Fine sand	57-74		
3416.01	10YR2/2	Very dark brown	Humus w/root mat	0-15		N2E?
3416.02	10YR3/4	Dark yellowish brown	Sandy loam	15-56		flake, shell, ceramic
3416.03	10YR4/6	Dark yellowish brown	Fine sand	56-77		
3417.01	10YR2/2	Very dark brown	Humus w/root mat	0-12		N95E180
3417.02	10YR3/4	Dark yellowish brown	Sandy loam	12-38		iron, glass, shell, redware, coal
3417.03	10YR4/6	Dark yellowish brown	Fine sand	38-53		
3418.01	10YR2/2	Very dark brown	Humus w/root mat	0-14		N85E220
3418.02	10YR3/3	Dark brown	Sandy loam	14-35		brick & shell discarded in field
3418.03	10YR3/4	Dark yellowish brown	Fine sand	35-50		
3419.01	10YR2/2	Very dark brown	Humus w/root mat	0-12		N85E225
3419.02	10YR3/3	Dark brown	Sandy loam	12-33		nails, coal, clay pipe
3419.03	10YR4/6	Dark yellowish brown	Fine sand	33-56		
3420.01	10YR2/2	Very dark brown	Humus w/root mat	0-14		N80E220
3420.02	10YR3/3	Dark brown	Sandy loam	14-42		core fragment, shell
3420.03	10YR4/6	Dark yellowish brown	Fine sand	42-66		
3421.01	10YR2/2	Very dark brown	Humus w/root mat	0-10		N80E225
3421.02	10YR3/3	Dark brown	Sandy loam	10-35		(coal, brick, modern glass discarded) ceramic
3421.03	10YR5/6	Yellowish brown	Fine sand	35-70		
3422.01	10YR3/2	Very dark greyish brown	Sandy loam	0-10		N70E215
3422.02	10YR4/3	Brown	Loamy sand	10-43		fcr, shell, nail
3422.03	10YR6/6	Brownish yellow	Sand	43-80		

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3423.01	10YR2/2	Very dark brown	Humus w/root mat	0-11		N70E220
3423.02	10YR3/4	Dark yellowish brown	Sandy loam	11-38		flake, ceramic, wire, glass, coal
3423.03	10YR4/6	Dark yellowish brown	Fine sand	38-50		
3424.01	10YR3/2	Very dark greyish brown	Sandy loam	0-10		N55E210
3424.02	10YR4/3	Brown	Loamy sand	10-31		
3424.03	10YR6/8	Brownish yellow	Sand	31-68		
3425.01	10YR3/2	Very dark greyish brown	Sandy loam	0-20		N55E215
3425.02	10YR4/3	Brown	Loamy sand	20-50		shell & coal discarded in field
3425.03	10YR6/8	Brownish yellow	Sand	50-70		
3426.01	10YR2/2	Very dark brown	Humus w/root mat	0-4		N108E255
3426.02	10YR3/2	Very dark greyish brown	Silty loam	4-20		iron & plastic discarded in field
3426.03	10YR3/4	Dark yellowish brown	Clayey loam	20-35		
3427.01	10YR3/2	Very dark greyish brown	Sandy loam	0-8		N105E260
3427.02	10YR4/4	Dark yellowish brown	Sandy clayey loam	8-22		metal bolt discarded, ceramic
3427.03	10YR4/6	Dark yellowish brown	???	22-50		water at 48cm
3428.01	10YR3/2	Very dark greyish brown	Sandy loam	0-16		N105E265; plastic discarded in field
3428.02	10YR4/4	Dark yellowish brown	Sandy clayey loam	16-28	A	coal discarded in field
3428.03	10YR4/6	Dark yellowish brown	Loam	28-45	B	
3429.01	10YR2/2	Very dark brown	Humus w/root mat	0-3		N100E255; iron & slag discarded in field
3429.02	10YR3/2	Very dark greyish brown	Silty loam	3-13		
3429.03	10YR3/4	Dark yellowish brown	Clayey silt	13-30		
3430.01	10YR3/2	Very dark greyish brown	Sandy loam	0-5	Ao	N95E255
3430.02	10YR4/4	Dark yellowish brown	Sandy clayey loam	5-33	A	ceramic, discarded metal slag
3430.03	10YR5/6	Yellowish brown	Loam	33-56	B	
3431.01	?	?	?	0-8		N105E250; modern glass discarded
3431.02	?	?	?	8-42		discarded glass
3431.03	?	?	?	42-62		
3432.01	10YR2/2	Very dark brown	Humus w/root mat	0-6		N105E245
3432.02	7.5YR4/4	Dark yellowish brown	Silty loam	6-34		shale inclusions
3432.03	10YR5/3	Brown	Fine sand	34-40		lens
3432.04	10YR4/2	Dark greyish brown	Silt	40-50		
3433.01	10YR2/2	Very dark brown	Sandy loam	0-25		N85E255; large quantities of coal & slag
3433.02	10YR4/4	Dark yellowish brown	Loam	25-5 [sic]		
3434.01	10YR2/2	Very dark brown	Sandy loam	0-8	Ao	N80E255
3434.02	10YR3/3	Dark brown	Silty loam	8-48	A	metal, coal, ceramic
3434.03	10YR4/3	Brown	Silty clay	48-54	B	
3435.01	10YR2/2	Very dark brown	Humus w/root mat	0-15		N70E255
3435.02	10YR3/3	Dark brown	Silty loam	15-70		stoneware
3435.03	10YR5/4	Yellowish brown	Clayey silt	70-85		
3436.01	10YR2/2	Very dark brown	Humus w/root mat	0-11		N65E255; discarded plastic in field
3436.02	10YR3/3	Dark brown	Silty loam	11-32		discarded brick in field

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3436.03	10YR5/4	Yellowish brown	Clayey silt	32-47		
3437.01	10YR2/2	Very dark brown	Humus w/root mat	0-20		N75E250
3437.02	10YR3/4	Dark yellowish brown	Sandy loam	20-60		brick, nail, flake
3437.03	10YR5/4	Yellowish brown	Fine sand	60-74		
3438.01	10YR2/2	Very dark brown	Humus w/root mat	0-10		N75E245; 1.5m east of creek
3438.02	10YR3/4	Dark yellowish brown	Sandy loam	10-32		
3438.03	10YR5/4	Yellowish brown	Fine sand	32-47		
3439.01	10YR2/2	Very dark brown	Humus w/root mat	0-11		N75E260
3439.02	10YR3/3	Dark brown	Silty loam	11-27		coal, slag, iron
3439.03	10YR4/4	Dark yellowish brown	Sandy silt	27-46		
3440.01	10YR2/2	Very dark brown	Humus w/root mat	0-15		N75E265; discarded iron, slag, coal
3440.02	10YR3/3	Dark brown	Silty loam	15-45		ironstone
3440.03	10YR4/3	Brown	Silty clay	45-61		
3441.01	10YR3/2	Very dark greyish brown	Sandy loam	0-9		N80E90; discarded modern glass
3441.02	10YR4/3	Brown	Loamy sand	9-33		nails, coal, ceramic
3441.03	10YR5/8	Yellowish brown	Sand	33-67		
3442.01	10YR3/2	Very dark greyish brown	Sandy loam	0-9		N85E90
3442.02	10YR4/3	Brown	Loamy sand	9-39		bottle glass, shell
3442.03	10YR5/8	Yellowish brown	Sand	39-68		
3443.01	10YR3/2	Very dark greyish brown	Sandy loam	0-11		N75E85; discarded modern bottle glass
3443.02	10YR4/3	Brown	Loamy sand	11-40		
3443.03	10YR5/8	Yellowish brown	Sand	40-69		
3444.01	10YR3/2	Very dark greyish brown	Loamy sand	0-7		N75E100
3444.02	10YR3/4	Dark yellowish brown	Loamy sand	7-52		flake
3444.03	10YR5/8	Yellowish brown	Sand	52-80		
3445.01	10YR3/2	Very dark greyish brown	Loamy sand	0-12		N70E90
3445.02	10YR3/4	Dark yellowish brown	Loamy sand	12-42		rusted metal
3445.03	10YR5/8	Yellowish brown	Sand	42-87		
3446.01	10YR3/2	Very dark greyish brown	Loamy sand	0-8		N65E90; discarded plastic in field
3446.02	10YR3/4	Dark yellowish brown	Loamy sand	8-38		yellowware; discarded shell
3446.03	10YR4/6	Dark yellowish brown	Sand	38-54		
3447.01	10YR3/2	Very dark greyish brown	Loamy sand	0-10		N75E85
3447.02	10YR3/4	Dark yellowish brown	Loamy sand	10-50		flakes
3447.03	10YR4/6	Dark yellowish brown	Sand	50-81		
3448.01	10YR3/2	Very dark greyish brown	Loamy sand	0-10	Ao	N75E80; lots of groundhog holes nearby
3448.02	10YR3/4	Dark yellowish brown	Loamy sand	10-45	A	ceramic
3448.03	10YR5/6	Yellowish brown	Sand	45-52	B	root obstruction
3449.01	10YR2/2	Very dark brown	Humus w/root mat	0-5		N100E170
3449.02	10YR3/4	Dark yellowish brown	Sandy loam	5-10		
3449.03	7.5YR4/4	Dark yellowish brown	Compact silt	10-30		shale inclusions & clay

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Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3450.01	10YR2/2	Very dark brown	Humus w/root mat	0-20		N100E165
3450.02	7.5YR4/4	Dark yellowish brown	Compact silt	20-30		mottled w/7.5YR5/1 (gray) w/clay & shale
3450.03	10YR3/4	Dark yellowish brown	Sandy loam	30-40		
3450.04	10YR4/6	Dark yellowish brown	Fine sand	40-60		
3451.01	10YR3/2	Very dark greyish brown	Sandy loam	0-10		N55E170
3451.02	10YR3/4	Dark yellowish brown	Loamy sand	10-40		
3451.03	10YR5/8	Yellowish brown	Sand	40-73		
3452.01	10YR3/2	Very dark greyish brown	Sandy loam	0-10		N50E170
3452.02	10YR3/4	Dark yellowish brown	Loamy sand	10-50		brick, shell discarded
3452.03	10YR5/8	Yellowish brown	Sand	50-75		
3453.01	10YR3/2	Very dark greyish brown	Sandy loam	0-10		N55E180
3453.02	10YR3/4	Dark yellowish brown	Loamy sand	10-41		flake
3453.03	10YR5/8	Yellowish brown	Sand	41-74		
3454.01	10YR2/2	Very dark brown	Sandy loam	0-11		N50E180
3454.02	10YR3/4	Dark yellowish brown	Sandy loam	11-30		
3454.03	10YR4/6	Dark yellowish brown	Fine sand	30-48		
3455.01	10YR3/3	Dark brown	Loamy sand	0-6		N75E170
3455.02	10YR4/4	Dark yellowish brown	Loamy sand	6-44		discarded shell in field
3455.03	10YR5/6	Yellowish brown	Sand	44-66		
3456.01	10YR2/2	Very dark brown	Loamy sand	0-8		N65E210
3456.02	10YR4/3	Brown	Loamy sand	8-27		shell discarded in field
3456.03	10YR4/6	Dark yellowish brown	Sand	27-72		
3457.01	10YR2/2	Very dark brown	Humus w/root mat	0-10		N55E165
3457.02	10YR3/3	Dark brown	Sandy loam	10-37		discarded oyster shell in field
3457.03	10YR4/6	Dark yellowish brown	Fine sand	37-52		
3458.01	10YR2/2	Very dark brown	Humus w/root mat	0-11		N65E170
3458.02	10YR3/3	Dark brown	Sandy loam	11-42		for, clam & oyster shell
3458.03	10YR4/6	Dark yellowish brown	Fine sand	42-55		
3459.01	10YR2/2	Very dark brown	Humus w/root mat	0-11		N75E220
3459.02	10YR3/4	Dark yellowish brown	Sandy loam	11-40		flake, glass, ceramic, pottery, coal
3459.03	10YR4/6	Dark yellowish brown	Fine sand	40-55		
3460.01	10YR3/2	Very dark greyish brown	Sandy loam	0-10		N65E215
3460.02	10YR4/3	Brown	Loamy sand	10-27		shell discarded in field
3460.03	10YR6/8	Brownish yellow	Sand	27-80		
3461.01	10YR3/2	Very dark greyish brown	Sandy loam	0-20		N60E215
3461.02	10YR4/3	Brown	Loamy sand	20-36		shell discarded in field, for
3461.03	10YR6/8	Brownish yellow	Sand	36-52		
3462.01	10YR2/2	Very dark brown	Humus w/root mat	0-10		N65E220
3462.02	10YR3/4	Dark yellowish brown	Sandy loam	10-35		for, flake, clam, brick

Shovel Test Stratigraphy, Waterfront Commons, Area 1

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3462.03	10YR4/6	Dark yellowish brown	Fine sand	35-54		
3463.01	10YR2/2	Very dark brown	Humus w/root mat	0-15		N60E220
3463.02	10YR3/4	Dark yellowish brown	Sandy loam	15-30		
3463.03	10YR4/6	Dark yellowish brown	Fine sand	30-55		
3464.01	10YR2/2	Very dark brown	Humus w/root mat	0-13		N70E22 3.5m W stream edge
3464.02	10YR3/4	Dark yellowish brown	Sandy loam	13-31		discarded clam in field
3464.03	10YR4/6	Dark yellowish brown	Fine sand	31-57		
3465.01	10YR3/2	Very dark greyish brown	Loamy sand	0-6		N80E100; discarded light bulb in field
3465.02	10YR4/3	Brown	Loamy sand	6-53		for, flake
3465.03	10YR4/6	Dark yellowish brown	Sand	53-70		
3466.01	10YR2/2	Very dark brown	Loamy sand	0-5		N80E85
3466.02	10YR4/3	Brown	Loamy sand	5-40		
3466.03	10YR5/8	Yellowish brown	Sand	40-75		
3467.01	10YR2/2	Very dark brown	Loamy sand	0-13	Ao	N70E85; on slope to march
3467.02	10YR4/3	Brown	Loamy sand	13-50	A	
3467.03	10YR5/8	Yellowish brown	Sand	50-73	B	
3468.01	10YR2/2	Very dark brown	Humus w/root mat	?		N75E215
3468.02	10YR3/4	Dark yellowish brown	Sandy loam	?		ceramic, shell
3468.03	10YR4/6	Dark yellowish brown	Fine sand	?		

AREA 2
SHOVEL TEST STRATIGRAPHY

Shovel Test Stratigraphy, Waterfront Commons, Area 2

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
AREA 2						
3036.01	10YR3/3	Dark brown	Silty loam	0-5	Topsoil	N300 E50; stopped by impenetrable concrete layer in fill
3036.02	7.5YR4/4	Brown	Silty clay	5 - 42	Fill	Layer 2: nail; discarded concrete
3037.01	7.5YR4/4	Brown	Sandy loam	0-30	Fill	50' ENE of ST36; stopped by impenetrable concrete layer in fill; discarded concrete; Layer 1: glass, plastic
3038.01	7.5YR4/4	Brown	Sandy clayey loam	0-30	Fill	50' ENE of ST37; stopped by impenetrable concrete layer in fill; discarded concrete; Layer 1: glass, metal
3039.01	7.5YR4/4	Brown	Loamy sand	0-50	Fill	50' SSE of ST38; stopped by rock; glass
3040.01	7.5YR4/4	Brown		0-57	Fill	50' WNW of ST39; Layer 1: glass; discarded concrete, macadam
3041.01	7.5YR4/4	Black	Loamy sand	0-55	Fill	50' WNW of ST40
3041.02			Concrete	55		Layer 1: glass; discarded slag, concrete
3042.01	10YR4/3	Brown	Loam	0-46	Fill	50' SSE of ST41; Next to 10" Maple?; Stopped by large slab of concrete; Layer 1: glass; discarded Macadam, concrete
3043.01	7.5YR4/4	Brown	Loamy sand	0-45	Fill	50' ENE of ST42
3043.02	7.5YR5/4	Brown	Clayey loam	45-55	B?	glass; discarded macadam, concrete
3044.01	7.5YR4/4	Brown	Clayey loam	0-40	Fill	50' ENE of ST43; stopped by impenetrable concrete layer in fill
3045.01	7.5YR4/4	Brown	Loamy sand	0-40		50' ENE of ST44; Layer 1: coin; discarded macadam, concrete
3046.01	7.5YR4/4	Brown	Loamy sand	0-46	Fill	50' ENE of ST45; discarded macadam, concrete
3047.01	10YR4/4	Dark yellowish brown	Loam	0-23	Fill	50' SSE of ST46; discarded macadam, concrete, glass fragment
3047.02	7.5YR4/4	Brown	Clayey loam	23-49	Fill? B?	
3048.01	7.5YR4/4	Brown	Clayey loam	0-46	Fill	50' WSW of ST47; ceramic
3048.02	10YR4/6	Dark yellowish brown	Clay	46-62	B?	
3049.01	7.5YR4/4	Brown	Clayey loam	0-58	Fill	50' WSW of ST48; stopped by impenetrable layer
3050.01	7.5YR4/4	Brown	Clayey loam	0-65	Fill	50' WSW of ST49; stopped by impenetrable layer
3051.01	7.5YR4/4	Brown	Clayey loam	0-45	Fill	50' WSW of ST50; stopped by impenetrable layer; Layer 1: nail

Shovel Test Stratigraphy, Waterfront Commons, Area 2

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3052.01	7.5YR4/4	Brown	Clayey loam	0-55	Fill	50' SSE of ST51; glass, discarded coal
3053.01	7.5YR4/4	Brown	Clayey loam	0-46	Fill?	50' ENE of ST52; very very compact
3054.01	7.5YR4/4	Brown	Loam	0-49	Fill	50' ENE of ST53; stopped by rock; very compact
3055.01	7.5YR4/4	Brown	Clayey loam mixed w/ Clay	0-54		50' ENE of ST54; by dirt road; mixed w/yellowish brown 10YR5/6
3056.01	7.5YR4/4	Brown	Loam mixed w/ Clay	0-57		50' ENE of ST55; Layer 1: copper, glass, flake?; mixed w/gray 10YR6/1
3057.01	7.5YR4/4	Brown	Gravelly loam	0-48	Fill?	50' SSE of ST56; very compact
3058.01	7.5YR4/4	Brown	Clayey loam	0-49	Fill?	50' WSW of ST57; very compact; Layer 1: glass, ceramic, discarded plastic
3059.01	7.5YR4/4	Brown	Clayey loam	0-58	Fill	50' WSW of ST58; stopped by impenetrable layer; Layer 1: glass
3060.01	7.5YR4/4	Brown	Clayey loam	0-40	Fill	50' WSW of ST59; glass, discarded brick
3060.02	2.5YR4/6	Red	Clayey loam	40-60	Fill	
3061.01	7.5YR3/3	Dark brown	Clayey loam	0-9	Fill	50' WSW of ST60
3061.02	2.5YR4/4	Reddish brown	Clayey loam	9 – 20	Fill	
3061.03	7.5YR4/6	Strong brown	Clayey loam	20-46	Fill	stopped by impenetrable layer
3062.01	10YR4/3	Brown	Loamy clay	0-10	Fill	50' SSE of ST61
3062.02	7.5YR4/4	Brown	Clayey loam	10 – 30	Fill	East of 12" Aspen; discarded plastic
3062.03	7.5YR4/3	Brown	Clayey loam	30-46	A?	
3062.04	7.5YR5/4	Brown	Loamy clay	46-63	B?	mixed w/pinkish gray 7.5YR6/2
3063.01	10YR4/3	Brown	Clay	0-35	A? Fill?	50' ENE of ST62; mixed w/brown 7.5YR4/4; glass
3063.02	7.5YR4/4	Brown	Loam	35-58	B?	
3064.01	7.5YR4/4	Brown	Clayey loam	0-29		50' ENE of ST63; bottle cap, glass, metal
3064.02	2.5YR4/6	Red	Clayey loam	29-42		
3064.03	7.5YR4/4	Brown	Clayey loam	42-58		
3065.01	7.5YR4/4	Brown	Clayey loam	0-50	Fill	50' ENE of ST64; stopped by impenetrable layer; next to asphalt road remains
3066.01	7.5YR4/4	Brown	Clayey loam	0-47	Fill?	50' ENE of ST65; very compact; nail, glass
3067.01	7.5YR4/4	Brown	Clayey loam	0-60	Fill	50' ENE of ST66; stopped by impenetrable layer
3068.01	7.5YR4/4	Brown	Clayey loam	0-56	Fill	50' ENE of ST67; stopped by impenetrable layer
3069.01	10YR4/3	Brown	Loamy clay	0-20		50' SSE of ST68

Shovel Test Stratigraphy, Waterfront Commons, Area 2

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3069.02	7.5YR4/4	Brown	Gravelly loam	20-31		
3069.03	10YR4/3	Brown	Gravelly loam	31-50		
3070.01	10YR4/3	Brown	Loamy clay	0-14	A	50' WNW of ST69; glass
3070.02	7.5YR4/4	Brown	Gravelly sandy clayey	14-40	B	glass
3071.01	10YR4/3	Brown	Clay	0-18	A?	50' WNW of ST70; West of willow trees
3071.02	10YR4/3	Brown	Clayey loam mixed w/ Clay	18-50	B?	mixed w/brown, gray 7.5YR4/4 10YR6/1
3072.01	10YR4/3	Brown	Loamy clay	0-50	A?	50' WNW of ST71; Located 2.5 m from W of flag to avoid standing water; stopped by rock layer; mixed w/brown 7.5YR4/4
3073.01	10YR3/4	Dark yellowish brown	Loamy clay	0-28	A? Fill?	50' WNW of ST72; mixed w/brown 7.5YR4/4
3073.02	7.5YR4/6	Strong brown	Clayey loam	28-52	A? B?	
3074.01	7.5YR4/4	Brown	Sandy loamy clay	0-50	B?	50' WNW of ST73
3075.01	7.5YR4/4	Brown	Clayey loam	0-36	Fill	50' WNW of ST74; glass, shell
3075.02	10YR4/3	Dark yellowish brown	Clayey loam	36-58	Fill A?	
3075.03	7.5YR4/4	Brown	Clayey loam	58-72	Fill B?	
3076.01	10YR4/3	Dark yellowish brown	Clayey loam	0-12	Fill?	50' WNW of ST75
3076.02	7.5YR4/4	Brown	Clayey loam	12 - 36	Fill?	~12 m SW to twin ~18" Aspens; ~10 m to TOS; stopped by rock layer
3076.03	7.5YR4/3	Brown	Loamy clay	36-65	Fill?	Layer 3: glass, ceramic
3077.01	7.5YR3/2	Dark brown	Silty loam	0-8		50' SSE of ST76
3077.02	7.5YR4/3	Brown	Clayey loam	8 - 34	Fill?	tile, glass, ceramic; discarded plastic
3077.03	2.5YR4/4	Reddish brown	Clayey loam	34-48		
3077.04	7.5YR4/4	Brown	Sandy loam	48-64		
3078.01	10YR4/3	Dark yellowish brown	Sandy clayey loam	0-26	Fill	50' ENE of ST77; stopped by rock layer; very compact
3078.02	7.5YR4/4	Brown	Clayey loam	26-51	Fill? B?	Layer 1: glass, drain pipe; discarded black top plastic
3079.01	7.5YR3/4	Dark brown	Silty loam	0-8		50' ENE of ST78; metal, glass
3079.02	2.5YR4/4	Reddish brown	Silty clay	8 - 46		
3079.03	7.5YR4/6	Strong brown	Clayey loam	46-63		
3080.01	7.5YR4/3	Brown	Silty loam	0-5	Fill	50' ENE of ST79; glass, nail
3080.02	2.5YR4/3	Reddish brown	Sandy clayey loam	5 - 27	Fill	
3080.03	7.5YR4/4	Brown	Sandy clay	27-56	Fill	
3081.01	10YR4/4	Dark yellowish brown	Silty loam	0-4	A(o)	50' ENE of ST80; stopped due to impenetrable layer of large rocks
3081.02	7.5YR4/4	Brown	Silty clay	4 - 60	Fill?	
3082.01	10YR4/4	Dark yellowish brown	Silty loam	0-8		50' ENE of ST81
3082.02	7.5YR4/4	Brown	Silty clay	8 - 58		stopped by impenetrable cobbles & rocks

Shovel Test Stratigraphy, Waterfront Commons, Area 2

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3083.01	7.5YR3/3	Dark brown	Silty loam	0-10	A(o)	50' ENE of ST82
3083.02	2.5YR4/4	Reddish brown	Silty clay	10 – 30	Fill?	w/ gravel, large rocks
3083.03	7.5YR4/6	Strong brown	Sandy clayey loam	30-53	Fill?	
3084.01	10YR4/3	Brown	Loamy clay	0-8		50' ENE of ST83; glass, discarded styrofoam
3084.02	7.5YR4/4	Brown	Gravelly clayey loam	8 – 30		mixed w/brown 10YR4/3
3084.03	10YR4/4	Dark yellowish brown	Gravelly sandy loam	30-60		
3085.01	10YR4/3	Brown	Loamy clay	0-16		50' SSE of ST84; next to three 4" Aspens
3085.02	7.5YR4/4	Brown	Gravelly clayey loam	16-30		Layer 2 & 3 very compact; mixed w/brown 10YR4/3
3082.03	10YR4/4	Dark yellowish brown	Gravelly sandy loam	30-50		
3086.01	10YR4/4	Dark yellowish brown	Silty loam	0-8		50' WNW of ST85
3086.02	2.5YR4/3	Reddish brown	Silty clay	8 – 39		Layer 2 & 3 w/gravel, rocks
3086.03	7.5YR5/6	Strong brown	Sandy clayey loam	39-64		Layer 2: pipe, ceramic, discarded coal
3087.01	10YR3/3	Dark brown	Silty loam	0-8	A(o)	50' WNW of ST86
3087.02	7.5YR4/4	Brown	Sandy clay	8 – 26		
3087.03	7.5YR4/6	Strong brown	Silty clayey loam	26-52		
3088.01	10YR4/3	Brown	Loamy clay	0-15		50' WNW of ST87
3088.02	7.5YR4/4	Brown	Gravelly clayey loam	15-31		glass, metal; mixed w/brown 10YR4/3
3088.03	10YR4/4	Dark yellowish brown	Gravelly sandy loam	31-53		
3089.01	7.5YR3/4	Dark brown	Silty loam	0-4		50' WNW of ST88; glass
3089.02	7.5YR4/3	Brown	Silty clay	4 – 22		w/cobbles, rocks
3089.03	2.5YR4/4	Brown	Sandy clayey loam	22-51		
3090.01	7.5YR4/3	Brown	Silty loam	0-10		50' WNW of ST89
3090.02	2.5YR3/3	Dark reddish brown	Silty clayey loam	10 – 23		Layer 2: glass
3090.03	7.5YR4/4	Brown	Sandy loam	23-54		
3091.01	10YR4/3	Brown	Clayey loam	0-16	Fill	50' WNW of ST90; located on 3 ft rise
3091.02	10YR4/4	Brown	Sandy clayey loam	16-70	Fill?	Layer 1: glass
3092.01	10YR2/1	Black	Burnt organic loam	0-24	burned organic	50' WNW of ST91
3092.02	7.5YR4/4	Brown	Silty clay	24-29		
3092.03	7.5YR5/4	Brown	Sandy clay	29-60		
3093.01	10YR3/3	Dark brown	Clayey loam	0-8		50' NW of ST92; glass, plastic, discarded brick
3093.02	7.5YR4/4	Brown	Clayey loam	8 – 40		
3093.03	7.5YR4/4	Brown	Sandy loam	40-56		
3094.01	10YR3/3	Dark brown	Silty clayey loam	0-0.5		50' SSE of ST93
3094.02	7.5YR3/4	Dark brown	Clayey loam	0.5 – 45		
3094.03	7.5YR5/4	Brown	Sand	45-62		
3095.01	10YR4/3	Brown	Clayey loam	0-29	Fill	50' SW of ST94; mottled w/brown 7.5YR4/4
3095.02	10YR3/2	Very dark grayish brown	Clayey loam	29-54	Fill	glass, rope; discarded styrofoam; mixed w/ brown, brown 10YR4/3 7.5YR4/4

Shovel Test Stratigraphy, Waterfront Commons, Area 2

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3095.03	7.5YR5/4	Brown	Clayey loam	54-80	A?	Lumber w/ spike exposed but not excavated
3096.01	10YR4/3	Brown	Sandy clayey loam	0-28		50' SSE of ST95; 5 m from top of slope; discarded plastic, glass
3096.02	10YR4/4	Dark yellowish brown	Sandy clayey loam	28-50		
3096.03	10YR4/6	Dark yellowish brown	Sand	50-80		water at 78cm
3097.01	10YR4/3	Brown	Clayey loam	0-50		50' ENE of ST96; near Boring B-7; discarded plastic; mottled w/brown 7.5YR4/4
3097.02	10YR5/4	Yellowish brown	Clayey loam	50-78		Layer 1: nail, glass; Layer 2: nail
3098.01	10YR4/4	Dark yellowish brown	Clayey loam	0-45		50' ENE of ST97; located at edge of Boring Truck Road and Base of giant fill pile
3098.02	10YR4/3	Brown	Sandy clayey loam	45-70		Layer 1: glass, discarded plastic; Layer 2: glass
3099.01	10YR3/3	Dark brown	Silty loam	0-8		100' ENE of ST98; stopped by huge concrete slab
3100.01	10YR4/3	Brown	Silty clayey loam	0-32		50' ENE of ST99
3100.02	7.5YR4/6	Strong brown	Silty clay	32-63		
3101.01	10YR4/3	Brown	Silty loam	0-9	A(o)	50' ENE of ST100; glass
3101.02	2.5YR4/4	Reddish brown	Sandy clayey loam	9 - 44	Fill?	
3102.01	7.5YR4/3	Brown	Silty loam	0-4	A(o)	50' ENE of ST101
3102.02	7.5YR4/6	Strong brown	Silty clayey loam	4 - 46		
3103.01	7.5YR3/4	Dark brown	Silty loam	0-5		50' ENE of ST102; compact; w/rocks
3103.02	7.5YR4/6	Strong brown	Silty clayey loam	5 - 50	Fill?	
3104.01	7.5YR3/4	Dark brown	Silty loam	0-5		50' ENE of ST103; compact
3104.02	2.5YR4/4	Reddish brown	Silty clay	5 - 43		Layer 1: glass; discarded macadam
3104.03	7.5YR3/4	Dark brown	Silty clayey loam	43-59		
3105.01	7.5YR3/3	Dark brown	Silty loam	0-7		50' SSE of ST104
3105.02	2.5YR4/4	Reddish brown	Silty clayey loam	7 - 36		
3105.03	2.5YR4/6	Red	Silty clay	36-63		
3106.01	10YR3/3	Dark brown	Silty loam	0-4		50' WSW of ST105
3106.02	7.5YR4/4	Brown	Sandy clay w/ clay	4 - 29		mottled w/yellowish brown, grayish brown 10YR5/6 10YR5/2
3106.04	7.5YR4/6	Strong brown	Sandy clay	29-59		
3107.01	7.5YR3/4	Dark brown	Silty loam	0-8		50' WSW of ST106
3107.02	7.5YR4/6	Strong brown	Silty clayey loam w/ Clay	8 - 52		glass; mottled w/weak red 2.5YR5/2
3108.01	10YR4/3	Brown	Clayey loam	0-30		50' WSW of ST107; mottled w/brown 7.5YR4/4
3108.02	10YR4/6	Dark yellowish brown	Sandy clayey loam	30-58		Layer 1: glass, metal; Layer 2: glass

Shovel Test Stratigraphy, Waterfront Commons, Area 2

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3109.01	10YR4/3	Brown	Clayey loam	0-32		50' WSW of ST108
3109.02	10YR4/3	Brown	Clayey loam	32-63		glass, Jasper; mottled w/yellowish brown, gray 10YR5/6 10YR6/1
3110.01	10YR4/3	Brown	Clayey loam	0-43	Fill	50' WSW of ST109; very deep fill based on map contours; stopped by concrete; shell, metal, glass, brick, discarded concrete; mixed w/dark yellowish brown 10YR4/4
3111.01	7.5YR4/3	Brown	Silty loam	0-9	Fill?	50' SE of ST110
3111.02	7.5YR4/6	Strong brown	Silty clayey loam	9 - 50		mottled w/light gray 7.5YR7/1
3112.01	7.5YR3/3	Dark brown	Silty clay	0-12	Fill	50' ENE of ST111
3112.02	7.5YR4/4	Brown	Silty clayey loam	12 - 65		Layer 2: shell, glass, ceramic
3113.01	7.5YR3/2	Dark brown	Silty loam	0-5		50' ENE of ST112
3113.02	2.5YR4/4	Reddish brown	Silty clayey loam	5 - 53		Layer 2: glass, brick
3114.01	7.5YR3/2	Dark brown	Silty loam	0-13	Fill?	50' ENE of ST113
3114.02	2.5YR4/4	Reddish brown		13-61		mottled w/light gray 7.5YR7/1
3115.01	7.5YR3/2	Dark brown	Silty loam	0-5		50' ENE of ST114
3115.02	2.5YR4/4	Reddish brown	Silty clayey loam	5 - 63		
3116.01	7.5YR3/4	Dark brown	Clayey loam	0-9	Fill?	50' ENE of ST68; stopped by impenetrable rock layer
3116.02	2.5YR4/4	Reddish brown	Silty clayey loam	9 - 51		
3117.01	7.5YR3/4	Dark brown	Clayey loam	0-6		50' SSE of ST116; stopped by impenetrable rock layer
3117.02	2.5YR4/4	Reddish brown	Sandy loam	6 - 27		
3117.03	2.5YR4/4	Reddish brown	Silty clayey loam	27-43		
3118.01	2.5YR3/4	Dark reddish brown	Loamy clay	0-8		50' SSE of ST117
3118.02	5YR4/4	Reddish brown	Sandy clayey loam	8 - 30		Discarded coal
3118.03	7.5YR4/3	Brown	Clayey loam	30-40		
3119.01	10YR4/3	Brown	Loamy sand	0-21	A (o)	50' SSE of ST118
3119.02	7.5YR4/4	Brown	Clayey loam	21-43	A(p)	Layer 1: shell, discarded coal, asbestos siding
3119.03	7.5YR4/6	Strong brown	Sandy clayey loam	43-67	B	
3120.01	7.5YR3/4	Dark brown	Silty clay	0-7		50' SSE of ST119
3120.02	2.5YR4/4	Reddish brown	Sandy clay	7 - 42		w/light gray 10YR7/1
3121.01	7.5YR3/4	Dark brown	Loamy sand	0-5		50' SSE of ST120
3121.02	2.5YR4/4	Reddish brown	Sandy loam	5 - 26		
3121.03	2.5YR3/3	Dark reddish brown	Silty clay	26-37		
3121.04	7.5YR4/4	Brown	Sandy clayey loam	37-63		
3122.01	10YR4/3	Brown	Loamy clay	0-7		50' ENE of ST120; very compact
3122.02	7.5YR4/4	Brown	Clayey loam	7 - 44		Layer 1: glass, discarded macadam, coal
3123.01	10YR4/3	Brown	Loamy clay	0-31	A	50' NNE of ST122

Shovel Test Stratigraphy, Waterfront Commons, Area 2

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3123.02	2.5YR4/4	Reddish brown	Clayey loam	31-45	B	discarded coal, brick, asbestos siding
3123.03	7.5YR4/6	Strong brown	Clayey loam	45-54	C	
3124.01	2.5YR3/4	Dark reddish brown	Loamy clay	0-7		50' NNE of ST123; very compact; stopped by brick
3124.02	5YR4/4	Reddish brown	Sandy clayey loam	7 – 42		discarded coal, brick, asbestos siding
3125.01	7.5YR2.5/3	Very dark brown	Silty loam	0-5	Fill?	50' NNE of ST124; stopped by rock layer
3125.02	2.5YR4/3	Reddish brown	Silty clayey loam	5 – 47		
3126.01	7.5YR4/4	Brown	Silty clayey loam	0-12		50' NNE of ST125; stopped by rock layer
3126.02	2.5YR4/4	Reddish brown	Silty clayey loam	12 – 50		
3127.01	7.5YR3/3	Dark brown	Silty loam	0-18		50' N of ST68; stopped by concrete; discarded styrofoam
3127.02	7.5YR4/6	Strong brown	Silty clayey loam	18-35		
3128.01	7.5YR3/4	Dark brown	Silty loam	0-9		50' WSW of ST127; stopped by rock layer
3128.02	2.5YR2/4	Dark reddish brown	Silty clayey loam w/ Clay	9 – 66		mottled w/10YR6/1
3129.01	7.5YR3/3	Dark brown	Silty loam	0-11	Fill?	50' NW of ST128; glass
3129.02	7.5YR4/6	Strong brown	Silty clayey loam	11 – 44		stopped by rock layer
3130.01	7.5YR3/4	Very dark brown	Silty clayey loam	0-7		50' NW of ST129; discarded black top
3130.02	2.5YR4/4	Reddish brown	Silty clayey loam	7 – 45		stopped by rock layer
3131.01	10YR3/4	Brown	Sandy clayey loam	0-25		50' NE of ST39; very compact
3131.02	7.5YR4/4	Brown	Clayey loam	25-50		
3132.01	10YR3/4	Brown	Sandy clayey loam	0-39	Fill	50' ENE of ST131; very compact; discarded macadam; mixed w/brown 7.5YR4/4
3132.02	7.5YR4/4	Brown	Clayey loam	39-63		
3133.01	7.5YR3/3	Dark brown	Silty loam	0-4		50' ENE of ST125; stopped by compacted soil
3133.02	7.5YR4/6	Strong brown	Silty clayey loam	4 – 24		Layer 2: brick
3133.03	2.5YR4/4	Reddish brown	Silty loam	24-52		mottled w/strong brown 7.5YR5/6
3134.01	10YR4/3	Brown	Loamy clay	0-9		50' SSE of ST133; very compact; discarded coal
3134.02	10YR4/4	Dark yellowish brown	Loamy clay	9 – 27		mottled w/dark reddish brown 2/5YR3/3
3134.03	2.5YR3/3	Dark reddish brown	Clayey loam	27-52		
						ST#s 135-139 in Area 6
3140.01	10YR4/3	Brown	Loamy clay	0-9		50' SSE of ST134
3140.02		Brown	Clayey loam	9 – 31		glass, ceramic; mottled w/dark reddish brown 2.5YR3/4
3140.03	2.5YR3/4	Dark reddish brown	Sandy clayey loam	31-63		
3141.01	10YR4/3	Brown	Sand	0-31		50' ENE of ST140; ~30 ft from head race
3141.02	10YR5/8	Yellowish brown	Sand	31-87		Layer 1: shell, nails

Shovel Test Stratigraphy, Waterfront Commons, Area 2

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3534.01	7.5YR4/6	Strong brown	Silty loam	0-46	Fill	N135E79 brick, concrete, glass
3535.01	7.5YR4/6	Strong brown	Silty loam	0-49	Fill	N135E77 glass, shingle
3536.01	7.5YR4/6	Strong brown	Silty loam	0-50	Fill, compact	N136E80; concrete, Lincoln cent, glass
3537.01	7.5YR4/6	Strong brown	Silty loam	0-50	Fill	N138E80 in dirt road
3538.01	7.5YR4/6	Strong brown	Silty loam	0-48	Fill, compact	N135E81 glass, shell
3539.01	7.5YR4/6	Strong brown	Silty loam	0-44	Fill, compact	N135E83
3540.01	7.5YR4/6	Strong brown	Silty loam	0-44	Fill	N134E80 macadam
3541.01	7.5YR4/6	Strong brown	Silty loam	0-62	Fill	N132E80 glass, shell, cloth

AREA 3
SHOVEL TEST STRATIGRAPHY

Shovel Test Stratigraphy, Waterfront Commons, Area 3

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
AREA 3						
3142.01	10YR3/3	Dark brown	Loamy sand	0-10	Fill	50' from ST96; one point at Cherry tree
3142.02	10YR4/4	Dark yellowish brown	Sandy loam	10 – 83	Fill	Layer 2: glass, discarded glass, macadam, plastic
3143.01	10YR3/3	Dark brown	Loamy sand	0-5	Fill	50' SE from ST142, 50' SW from ST146
3143.02	10YR4/4	Dark yellowish brown	Sandy loam	5 – 60	A?	discarded plastic, macadam
3143.03	10YR4/6	Dark yellowish brown	Loamy sand	60-68	B?	
3144.01	7.5YR3/2	Dark brown	Sandy loam	0-9		50' SE of ST143, 50' SSW of ST145, right near the water
3144.02	7.5YR4/6	Strong brown	Sandy clayey loam	9 – 42	Fill?	Layer 1: glass, discarded shell, plastic, pebbles
3144.03	7.5YR4/4	Brown	Sand	42-75		
3145.01	10YR3/2	Very dark grayish brown	Silty loam	0-2	Fill	50' NNE of ST144
3145.02	7.5YR4/3	Brown	Sandy clay	2 – 25	Fill	discarded coal, plastic
3145.03	7.5YR3/4	Dark brown	Sandy clay	25-51	Fill	
3145.04	7.5YR5/6	Strong brown	Loamy sand	51-74	Fill	
3146.01	10YR3/2	Very dark grayish brown	Loamy sand	0-14	Fill	50' NE of ST143, 15m WNW of ST145
3146.02	7.5YR5/4	Brown	Sand	14-38	Fill	discarded plastic, styrofoam, blacktop
3146.03	7.5YR7/3	Pink	Sandy clayey loam w/clay	38-70	Fill	
3147.01	10YR4/3	Brown	Clayey loam	0-40	Fill	50' ESE from ST144, 10' from Mill Creek; discarded concrete, shell; w/dark yellowish gray, brown 10YR4/6 7.5YR4/4
3148.01	7.5YR3/4	Dark brown	Sandy clayey loam	0-26	Fill	50' NNE of ST147, 50' away from Mill Creek; discarded shell, coal
3148.02	7.5YR3/4	Dark brown	Sandy loam	26-45	Fill	
3148.03	7.5YR3/2	Dark brown	Loamy sand	45-75	Fill	
3149.01	10YR4/3	Brown	Sand	0-47	Fill	50' ESE from ST148, 50' away from Mill Creek
3149.02	10YR4/3	Brown	Sand & Gravel	47-69		Layer 1: pipe; sampled shell; discarded slag, wood
3150.01	10YR3/3	Dark brown	Sandy loam	0-7	Fill?	Note: ST150 same as ST110 (Area 2); located at bottom of deep fill mounds
3150.02	2.5YR4/4	Reddish brown	Sandy clayey loam	7 – 20		stopped by concrete layer, no cultural material

AREA 4
SHOVEL TEST STRATIGRAPHY

Shovel Test Stratigraphy, Waterfront Commons, Area 4

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
AREA 4						
3151.01	10YR2/2	Very dark brown	Silty loam	0-12		N200 E100
3151.02	10YR5/6	Yellowish brown	Sand mottled w/ clay	12 - 54		Disturbed, truncated profile; water at 62 cm; mottled w/dark gray 10YR4/1
3151.03	10YR5/2	Grayish brown	Sand mottled w/ sandy clay	54-67		glass; mottled w/strong brown 7.5YR5/6
3152.01	10YR2/2	Very dark brown	Silty loam	0-11		50' W of St151; moved ST 2 m E to avoid standing water; water at 9 cm; no cultural material
3153.01	10YR2/2	Very dark brown	Silty loam	0-9		50' S of ST151
3153.02	10YR2/2	Very dark brown	Sandy loam	9 - 23	A	
3153.03	10YR5/4	Yellowish brown	Sand	23-45	B	
3154.01	10YR2/2	Very dark brown	Sandy loam	0-9		50' W of ST153
3154.02	10YR4/3	Brown	Sand	9 - 29	A	Moved 4 m S to avoid standing water; water at 32 cm
3154.03	10YR5/6	Yellowish brown	Sand	29-44	B	
3155.01	10YR2/2	Very dark brown	Silty loam	0-9	A(o)	50' S of ST153
3155.02	10YR3/3	Dark brown	Sandy loam	9 - 47	A	glass, metal, bone
3155.03	10YR5/6	Yellowish brown	Sand	47-68	B	water at 66cm
						ST#s 155-207 in Area 5
3256.01	10YR2/2	Very dark brown	Sandy loam	0-7	A(o)	50' N of ST151; tile, glass
3256.02	10YR4/4	Dark yellowish brown	Loamy sand	7 - 34	A	
3256.03	10YR5/6	Yellowish brown	Sand	34-55	B	
3257.01	10YR3/3	Dark brown	Loamy sand	0-7	Fill	50' N of ST256
3257.02	10YR4/6	Dark yellowish brown	Sand	7 - 36	Fill	Layer 2: tile, discarded coal
3257.03	10YR4/3	Brown	Sand	36-51	A?	
3257.04	10YR5/6	Yellowish brown	Sand	51-70	B	
3258.01	10YR3/3	Dark brown	Sandy loam	0-12	Fill	50' N of ST257
3258.02	10YR4/6	Dark yellowish brown	Sand	12 - 39	Fill	
3258.03	10YR3/2	Very dark grayish brown	Sandy clayey loam	39-87	A?	glass, discarded coal
3258.04	10YR5/4	Yellowish brown	Sand	87-108	B?	
3259.01	10YR2/2	Very dark brown	Sandy loam	0-7	A(o)	50' W of ST258
3259.02	10YR4/4	Dark yellowish brown	Sand	7 - 40	A	
3259.03	10YR4/6	Dark yellowish brown	Sand	40-61	B	
3260.01	10YR2/2	Very dark brown	Silty loam	0-12	A(o)	50' S of ST259
3260.02	10YR4/3	Brown	Loamy sand	12 - 31	A	
3260.03	10YR5/6	Yellowish brown	Sand	31-59	B	
3261.01	10YR2/2	Very dark brown	Silty loam	0-6	A(o)	50' W of ST260
3261.02	10YR4/2	Dark grayish brown	Sand	6 - 39	A	water at 34cm
3262.01	10YR2/2	Very dark brown	Silty loam	0-12	A(o)	50' N of ST261
3262.02	10YR4/4	Dark yellowish brown	Sandy loam	12 - 53	A	water at 34cm

Shovel Test Stratigraphy, Waterfront Commons, Area 4

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3262.03	10YR5/4	Yellowish brown	Sand	53-74	B	
3263.01	10YR2/2	Very dark brown	Sandy loam	0-10	A(o)	S50' W of ST262; water at 39 cm
3263.02	10YR4/4	Dark yellowish brown	Sandy clayey loam	10 – 45	A	Photo # 3 40 at ST263 from ST262, facing W
						ST#s 264-268 in Area 6
3269.01	10YR3/3	Dark brown	Silty clayey loam	0-10	Topsoil	50' S of ST155
3269.02	10YR5/6	Yellowish brown	Gravelly silty clay	10 – 86	Fill	On top of berm; discarded coal
3270.01	10YR3/3	Dark brown	Sandy loam	0-16	Topsoil	100' S of ST169
3270.02	10YR4/4	Dark yellowish brown	Loamy sand	16-44	A	Layer 2: metal, glass; discarded coal, shell
3270.03	10YR5/6	Yellowish brown	Sand	44-70	B	
3271.01	10YR2/2	Very dark gray	Sandy loam	0-11	Topsoil	50' S of ST270
3271.02	10YR3/3	Dark brown	Loamy sand	11 – 39	A	Discarded coal, brick
3271.03	10YR5/6	Yellowish brown	Sand	39-69	B	
3272.01	10YR2/2	Very dark gray	Sandy loam	0-5	Top	50' S of ST271
3272.02	10YR3/3	Dark brown	Loamy sand	5 – 25	A	Layer 2: ceramic
3272.03	10YR5/6	Yellowish brown	Sand	25-63	B	
3273.01	10YR3/2	Very dark grayish brown	Road gravel	0-54	Fill	50' S of ST273; discarded road gravel
3273.02	2.5YR5/4	Reddish brown	Sandy clayey loam	54-70	Fill	Layer 1: glass, ceramic
3274.01	10YR3/2	Very dark grayish brown	Loamy sand	0-8	Topsoil	30' W of ST154; discarded coal
3274.02	2.5YR4/6	Red	Sand	8 – 89	Fill?	Photos # 47-48, facing W. ST 274 on right; LW, DO excavating, AI on berm as well

AREA 5
SHOVEL TEST STRATIGRAPHY

Shovel Test Stratigraphy, Waterfront Commons, Area 5

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
AREA 5						
3156.01	10YR5/6	Yellowish brown	Loamy sand	0-6	Fill	N200 E200
3156.02	10YR2/1	Black	Macadam	6-26	Fill	discarded brick, plastic, mirror
3156.03	10YR4/4	Dark yellowish brown	Loamy sand	26-42	Truncated A	
3156.04	10YR5/8	Yellowish brown	Sand	42-53	Truncated B	
3156.05	10YR5/8	Yellowish brown	Sandy clay	53-69	C	
3157.01	10YR4/6	Dark yellowish brown	Loamy sand	0-26	Fill	50' S of ST156; discarded macadam, brick
3157.02	10YR5/3	Brown	Loamy sand	26-46	Fill	Layer 1: metal, glass
3157.03	10YR4/4	Dark yellowish brown	Sand	46-53	Truncated A	
3157.04	10YR5/8	Yellowish brown	Sand	53-80	Truncated B	
3158.01	10YR4/3	Brown mottled	Loamy sand	0-19	Fill	50' S of ST157; near parking lot drainage ditch; mottled w/yellowish brown 10YR5/6
3158.02	10YR2/1	Black	Macadam	19-46	Fill	Layer 1: tile; Layer 2: glass
3158.03	10YR4/4	Dark yellowish brown	Loamy sand	46-53	Truncated A	discarded macadam
3158.04	2.5YR3/6	Dark red	Sandy clay	53-60	C?	
3159.01	10YR4/6	Dark yellowish brown	Sand	0-20	Fill	50' S of ST158
3159.02	10YR4/3	Brown	Loamy sand	20-32	Truncated A	Carpet in Layer 1; discarded brick, carpet, mortar, clam, coal
3159.03	7.5YR4/6	Strong brown	Sand	32-77	Truncated B	
3160.01	10YR4/3	Brown	Loamy sand	0-31	A	50' S of ST159
3160.02	10YR5/6	Yellowish brown	Sand	31-70	B	Layer 1: nails, discarded brick, coal
3161.01	10YR4/6	Dark yellowish brown	Loamy sand	0-33	Fill	50' S of ST160
3161.02	2.5YR4/6	Red	Sandy clayey loam	33-44	C?	
3162.01	10YR4/6	Dark yellowish brown	Sandy loam	0-32	Fill	50' S of ST161; moved 6 m N to avoid beer distributor drainage ditch; mottled w/red 2.5YR4/6
3162.02	7.5YR4/6	Dark yellowish brown	Sandy loam	32-44	Fill?	Layer 1: ceramic, discarded coal; Layer 2: glass
3162.03	7.5YR3/4	Dark brown	Sandy clayey loam	44-54	Fill?	mottled w/strong brown 7.5YR5/6
3162.04	7.5YR5/8	Strong brown	Sand	54-73	Fill?	Photos: 427-235, facing N (=2 +3); 423, facing E (=1)
3162.05	10YR3/3	Brown	Loamy sand	73-80	A?	
3162.06	7.5YR5/8	Strong brown	Sand	80-97	B?	water at 88cm
3163.01	10YR3/3	Dark brown	Sandy loam	0-19	Fill	50' W of ST162; mottled w/dark yellowish brown, red 10YR4/6 2.5YR4/6; glass, discarded coal
3163.02	10YR5/6	Yellowish brown	Sandy loam	19-38	Fill	ceramic, glass
3163.03	10YR3/4	Dark yellowish brown	Sandy loam	38-57	A	glass, nail, bone
3163.04	7.5YR5/6	Strong brown	Sand	57-74	Truncated B	
3164.01	10YR3/3	Dark brown	Sandy loam	0-17	Fill	50' W of ST163
3164.02	10YR4/6	Dark yellowish brown	Loamy sand	17-32	Fill	
3164.03	10YR3/4	Dark yellowish brown	Sandy loam	320-47	A?	glass, flake?, discarded coal, brick
3164.04	10YR4/6	Dark yellowish brown	Sand	47-60	B?	
3164.05	10YR4/2	Dark grayish brown	Loamy sand	60-70	A? A2?	
3165.01	10YR3/3	Dark brown	Silty loam	0-9	Fill	50' N of ST164

Shovel Test Stratigraphy, Waterfront Commons, Area 5

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3165.02	10YR4/6	Dark yellowish brown	Loamy sand	9 – 21	Fill	plastic, redware, glass
3165.03	2.5YR4/6	Red	Sandy clayey loam	21-26	Fill	
3165.04	7.5YR3/4	Dark reddish brown	Sandy loam	26-50	A	ceramic, bone, metal, shell, discarded coal
3165.05	7.5YR5/6	Strong brown	Sand	50-110	B	ceramic, shell
3166.01	10YR3/3	Dark brown	Sandy loam	0-7	Fill	50' E of ST165
3166.02	7.5YR5/6	Strong brown	Sandy loam	7 – 43	Fill	
3166.03	10YR4/6	Dark yellowish brown	Loamy sand	43-55	Fill	ceramic, nail, glass, discarded coal
3166.04	10YR5/8	Yellowish brown	Sand	55-67	Fill	
3166.05	10YR3/4	Dark yellowish brown	Loamy sand	67-88	A?	bottle glass, ceramic
3166.06	10YR4/6	Dark yellowish brown	Sand	88-91	B?	
3167.01	10YR3/3	Dark brown	Sandy loam	0-7	A	50' N of ST165
3167.02	10YR5/8	Yellowish brown	Sand	7 – 63	B	Layer 2: glass
3168.01	10YR3/3	Dark brown	Sandy loam	0-7	Fill	50' E of ST167
3168.02	2.5YR4/6	Red	Sandy clayey loam	7 – 18	Fill	Discarded coal, brick
3168.03	10YR4/6	Dark yellowish brown	Sand	18-34	Fill	Layer 3: shell, ceramic
3168.04	10YR4/3	Brown	Sand	34-60	A?	Layer 4: shell, glass, metal, ceramic
3168.05	10YR5/6	Yellowish brown	Sand	60-107	B?	Layer 5: ceramic
3169.01	10YR3/3	Dark brown	Sandy loam	0-7	Fill	50' N of ST167
3169.02	10YR5/6	Yellowish brown	Loamy sand	7 – 20	Fill	Layer 2: metal, nail, shell
3169.03	10YR3/2	Very dark grayish brown	Loamy sand	20-70	A	Layer 3: glass, bone, nails, brick, shell, ceramic; lots of shell encountered; discarded coal
3169.04	10YR5/8	Yellowish brown	Sand	70-94	A/B interface	bone; mottled w/dark yellowish brown 10YR3/4
3169.05	10YR5/8	Yellowish brown	Sand	94-107	B	
3170.01	10YR3/3	Dark brown	Sand	0-28	A or Fill	50' E of ST169; glass, nail, ceramic
3170.02	10YR5/8	Yellowish brown	Sand	28-92	B or Fill	ceramic, glass, metal; discarded coal, shell
3171.01	10YR3/3	Dark brown	Sandy loam	0-10	Fill?	50' N of ST169
3171.02	7.5YR4/4	Brown	Gravelly loamy sand	10 – 75	Fill?	nail, ceramic, glass, discarded shell
3172.01	10YR2/1	Black	Macadam	0-26	Fill	50' E of ST171
3172.02	10YR3/3	Dark brown	Loamy sand	26-37	Fill	Layer 2: ceramic; discarded plastic, brick
3172.03	10YR4/6	Dark yellowish brown	Loamy sand	37-53	Fill	
3172.04	7.5YR4/6	Strong brown	Sandy clayey loam	53-80	Fill	
3173.01	10YR3/3	Dark brown	Loamy sand	0-6	Fill	50' N of ST171; This ST (and those to the W) is on a berm of fill about 3' higher than those to the E
3173.02	10YR4/6	Dark yellowish brown	Sand	6 – 18	Fill	glass, metal, shell
3173.03	10YR4/3	Brown	Loamy sand	18-89	Fill	plastic, metal, glass
3174.01	10YR2/1	Black	Macadam	0-14	Fill	50' E of ST174
3174.02	10YR4/3	Brown	Gravel	14-28	Fill	discarded brick
3174.03	10YR3/6	Dark yellowish brown	Sand	29-65	Fill?	stopped by large rock
3175.01	10YR3/3	Dark brown	Sandy loam	0-10	A	50' N of ST173; glass
3175.02	7.5YR5/6	Strong brown	Sandy loam	10 – 78	Truncated B	water at 75cm

Shovel Test Stratigraphy, Waterfront Commons, Area 5

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3176.01	10YR2/1	Black	Macadam w/ Loam	0-38	Fill	50' E of ST175; surrounded by large piles of macadam
3176.02	10YR4/4	Dark yellowish brown	Sand	38-70	Fill	bottle cap, glass; discarded brick, macadam; stopped by large rock
3177.01	10YR2/2	Very dark brown	Loamy sand	0-9	Fill	50' N of ST176
3177.02	7.5YR5/8	Strong brown	Sand	9 - 45	Fill	metal
3177.03	10YR4/4	Dark yellowish brown	Sand	45-101	B?	water at 99cm
3178.01	10YR3/3	Dark brown	Loamy sand	0-9	A	50' N of ST156
3178.02	10YR5/6	Yellowish brown	Sand	9 - 72	B	glass
3178.03	7.5YR4/4	Brown	Sand	72-88	C	Water at 82 cm
3179.01	10YR3/3	Dark brown	Silty loam	0-4	Topsoil	50' N of ST179
3179.02	10YR4/3	Brown	Silty clayey loam	4 - 48	A	
3179.03	10YR5/4	Yellowish brown	Loamy sand	48-67	B	Discarded coal; Water at 53cm
3180.01	10YR2/2	Very dark brown	Loamy sand	0-5	Fill	50' W of ST173
3180.02	10YR3/4	Dark yellowish brown	Loamy sand	5 - 28	Fill	
3180.03	2.5YR4/6	Red	Sandy clayey loam	28-54	Fill	
3180.04	10YR5/4	Yellowish brown	Sand	54-74	B?	
3181.01	10YR3/3	Dark brown	Loamy sand	0-4	Fill	50' W of ST180; stopped by tire at 43 cm
3181.02	10YR4/4	Dark yellowish brown	Loamy sand	4 - 43	Fill	Layer 2: metal, glass, rubber, coal, brick, tile, plastic
3182.01	10YR2/2	Very dark brown	Loamy sand	0-11	Fill	50' W of ST181; surrounded by broken concrete pipes
3182.02	10YR4/4	Dark yellowish brown	Loamy sand	11 - 80	Fill	Layer 2: metal, glass
3183.01	10YR3/2	Very dark grayish brown	Loamy sand	0-5	A(o)	50' W of ST182
3183.02	10YR4/4	Dark yellowish brown	Sand	5 - 60	Fill?	Layer 2: glass, plastic, metal
3183.03	10YR3/1	Very dark gray	Loamy sand w/ clay	60-81		mottled w/reddish brown 2.5YR4/4
3184.01	10YR2/2	Very dark brown	Silty loam	0-11		50' W of ST183
3184.02	7.5YR3/4	Dark brown	Sandy loam	11 - 29		Discarded plastic
3184.03	10YR2/2	Very dark brown	Sandy loam	29-34		
3184.04	7.5YR4/6	Strong brown	Sand	34-75		mottled w/red 2.5YR4/6
3185.01	10YR3/3	Dark brown	Loamy sand	0-9	A(o)	50' S of ST184; on shoreline
3185.02	10YR4/4	Dark yellowish brown	Sand	9 - 82	A?/B?	discarded shell, plastic
3186.01	10YR2/2	Very dark brown	Loamy sand	0-10	A(o)	50' SSE of ST185; on shoreline
3186.02	10YR4/4	Dark yellowish brown	Sandy loam	10 - 67	A	Layer 2: glass
3186.03	10YR6/4	Light yellowish brown	Sand	67-98	B/ beach sand	
3187.01	10YR2/1	Black	Silty loam	0-10	Fill	50' SSE of ST186
3187.02	7.5YR4/2	Brown	Sandy loam	10 - 37	Fill	Layer 2: glass, metal
3187.03	10YR2/1	Black	Sandy loam	37-82		mixed w/very dark gray 10YR3/1
3188.01	10YR6/3	Pale brown	Sand	0-91	Fill	50' S of ST187; discarded plastic
3189.01	10YR7/3	Very pale brown	Sand	0-98	Fill	50' S of ST188; beach sand; Layer 1: glass, slag, discarded plastic

Shovel Test Stratigraphy, Waterfront Commons, Area 5

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3190.01	10YR3/2	Very dark grayish brown	Sand	0-7	Fill	50' W of ST171; discarded brick
3190.02	10YR4/3	Brown	Sand	7 - 31	Fill	shell, ceramic, metal; mixed w/dark yellowish brown 10YR4/6
3190.03	10YR3/2	Very dark grayish brown	Loamy sand	31-44	A?	glass, metal; mixed w/brown 10YR4/3
3190.04	10YR4/4	Dark yellowish brown	Sand	44-50	B	Layer 4: ceramic, glass
3191.01	10YR3/2	Very dark grayish brown	Sandy loam	0-8	Fill	50' W of ST190
3191.02	10YR4/3	Brown	Sandy loam	8 - 26	Fill	mixed w/brown 7.5YR4/4
3191.03	10YR4/4	Dark yellowish brown	Sand	26-40	A?	
3191.04	10YR3/1	Very dark gray	Sand	40-51	B?	flake; mixed w/dark yellowish brown 10YR4/4; water at 48cm
3192.01	10YR4/3	Brown	Sand	0-10	A	50' S of ST190
3192.02	10YR4/6	Dark yellowish brown	Sand	10 - 60	B	
3193.01	10YR4/3	Brown	Loam	0-7	Fill	50' W of ST192
3193.02	10YR4/6	Dark yellowish brown	Sand	7 - 32	Fill	Discarded modern glass; mixed w/brown 10YR4/3
3193.03	10YR4/3	Brown	Sandy loam	32-50	Fill	mixed w/gray 10YR6/1
3193.04	10YR4/4	Brown	Sandy loam	50-65	Fill	
3194.01	10YR4/3	Brown	Sand	0-16	Fill	50' S of ST192; mixed w/dark yellowish brown 10YR4/6; ceramic, bone, sampled shell
3194.02	10YR4/3	Brown	Sand	16-30	A	spike, nails, glass, ceramic
3194.03	10YR4/6	Dark yellowish brown		30-60	B	
3195.01	10YR2/2	Very dark brown	Sandy loam	0-6		50' W of ST194
3195.02	10YR3/3	Dark brown	Sand	6 - 32		ceramic, glass, nails
3195.03	10YR4/2	Dark grayish brown	Sand	32-65		ceramic, glass, brick
3196.01	10YR3/3	Dark brown	Silty loam	0-10		50' S of ST194, ceramic
3196.02	10YR4/4	Dark yellowish brown	Loamy sand	10 - 50		glass
3196.03	7.5YR5/6	Strong brown	Sand	50-95		ceramic, glass; water at 89cm
3197.01	10YR2/2	Very dark brown	Silty loam	0-8		50' W of ST195
3197.02	7.5YR4/2	Brown	Sandy clayey loam w/clay	8 - 50		mixed w/dark gray 10YR4/1; water at 44cm
3198.01	10YR2/2	Very dark brown	Silty loam	0-7		50' S of ST197
3198.02	10YR4/2	Dark grayish brown	Sandy clayey loam w/clay	7 - 35		mottled w/strong brown 7.5YR4/6; water at 28cm
3199.01	10YR2/2	Very dark brown	Silty loam	0-10		50' E of ST198
3199.02	10YR4/2	Dark grayish brown	Sand	10 - 40		ceramic; mottled w/brown 7.5YR4/6; water at 40cm
3200.01	10YR3/2	Very dark brown	Silty loam	0-13		50' E of ST189
3200.02	10YR4/4	Dark yellowish brown	Sandy loam	13-28		
3200.03	7.5YR4/6	Strong brown	Sand	298-39		
3200.04	10YR4/1	Dark gray	Clayey loam	39-65		mottled w/gray 10YR5/1; water at 65cm
3201.01	10YR3/3	Dark brown	Sandy loam	0-8	Fill	50' E of ST200
3201.02	7.5YR4/6	Strong brown	Loamy sand	8 - 38	Fill	discarded coal
3201.03	10YR3/2	Very dark grayish brown	Sand	38-59		

Shovel Test Stratigraphy, Waterfront Commons, Area 5

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3201.04	7.5YR4/6	Strong brown	Sand	59-83		Water at 81cm
3202.01	10YR3/3	Dark brown	Sandy loam	0-10		50' E of ST201
3202.02	7.5YR5/6	Strong brown	Sand	10 - 84		
3203.01	10YR2/2	Very dark brown	Sandy loam	0-28		50' E of ST178; near 4' high fill piles
3203.02	7.5YR4/6	Strong brown	Sand	28-53		water at 49cm
3204.01	10YR4/3	Brown	Sand	0-15	A	50' E of ST203; 15 m N of fence
3204.02	10YR5/6	Yellowish brown	Sand	15-62	B	
3205.01	10YR4/3	Brown	Loam	0-7		50' E of ST204
3205.02	2.5YR4/4	Reddish brown	Clayey loam	7 - 54	Fill	mixed w/gray 7.5YR6/1
3206.01	10YR4/3	Brown	Loam	0-32	Fill	100' E of ST205; edge of parking lot; glass
3206.02	10YR2/1	Black	Sand	32-47	Fill	discarded brick, plastic; mixed w/brown 10YR4/3
3206.03	10YR4/3	Brown	Sandy clayey loam	47-85	A	
3207.01	10YR3/1	Very dark gray	Loam & macadam	0-22	Fill	50' E of ST206; edge of parking lot
3207.02	10YR4/4	Dark yellowish brown	Loam	22-50	Fill	discarded macadam, concrete; mixed w/very dark brown 10YR2/2; ceramics, glass
3207.03	10YR3/2	Very dark grayish brown	Loam	50-60	A	glass
3207.04	10YR4/4	Dark yellowish brown	Sand	60-65	B	

AREA 6
SHOVEL TEST STRATIGRAPHY

Shovel Test Stratigraphy, Waterfront Commons, Area 6

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
AREA 6						
3135.01	10YR3/2	Very dark grayish brown	Silty clayey loam	0-17	Fill	N50 E50
3135.02	7.5YR4/6	Strong brown	Sandy loam	17-43	Fill	
3135.03	10YR3/6	Dark yellowish brown	Sand	43-63	B?	
3136.01	10YR3/2	Very dark grayish brown	Silty clayey loam	0-6	A(o)?	50' NNW of ST135
3136.02	10YR4/4	Dark yellowish brown	Sandy clayey loam	6 - 30	A?	
3136.03	10YR5/4	Yellowish brown	Sandy loam	30-53	B?	
3137.01	7.5YR3/2	Dark	Silty clay	0-6		50' NNW of ST136
3137.02	2.5YR4/4	Reddish brown	Clay	6 - 23		
3137.03	7.5YR4/6	Strong brown	Loamy sand	23-45		water at 38cm
3138.01	10YR3/3	Dark brown	Sandy loam	0-8		50' NNW of ST137
3138.02	7.5YR4/6	Strong brown	Loamy sand	8 - 24	Fill	
3138.03	10YR4/4	Dark yellowish brown	Loamy sand	24-43	A?	
3138.04	10YR5/4	Yellowish brown	Sand	43-61	B?	water at 54cm
3139.01	10YR2/2	Very dark brown	Sandy loam	0-7	Topsoil	50' ENE of ST135; water at 30 cm
3139.02	10YR4/2	Dark grayish brown	Sand	7 - 33	A?	
3264.01	10YR2/2	Very dark brown	Sandy loam	0-6		50' NW of ST139; water at 30 cm
3264.02	10YR4/2	Dark grayish brown	Sand	6 - 35		
3265.01	7.5YR2.5/3	Very dark brown	Silty clay	0-11	A(o)?	50' NW of ST138
3265.02	7.5YR4/6	Strong brown	Clay	11 - 21	A?	
3265.03	7.5YR4/4	Brown	Sandy clay	21-61	B?	water at 58cm
3266.01	10YR2/2	Very dark brown	Sandy loam	0-6	Fill	50' S of ST200
3266.02	10YR5/4	Yellowish brown	Sand	6 - 93	Fill	water at 91cm; Photo # 44 of ST266 facing N, taken from ST267; #45 of ST266, facing N
3267.01	10YR2/2	Very dark brown	Sandy loam	0-4		50' SE of ST266
3267.02	10YR5/4	Yellowish brown	Sand	4 - 84		water at 80cm; Photo #46 of ST267, facing S, taken from ST266
3268.01	10YR2/2	Very dark brown	Sandy loam	0-7	Fill/ topsoil?	55' NNW of ST265; 1m from fill berm
3268.02	10YR5/4	Yellowish brown	Sand	7 - 68	Fill	water at 61cm

AREA 7
SHOVEL TEST STRATIGRAPHY

Shovel Test Stratigraphy, Waterfront Commons, Area 7

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
Area 7						
3469.01	10YR4/3	Brown	Loamy sand	0-20	A	N100E107.5; glass, coal, ceramic
3469.02	2.5YR4/8	Red	Loamy sand	20-36	A/B	
3469.03	2.5YR4/6	Red	Gravelly loam	36-53	B/C	
3470.01	10YR4/3	Brown	Loamy sand	0-62	Fill/A	N100E114; glass, shell, coal ash
3470.02	2.5YR3/4	Dark reddish brown	Loam	62-70	C	
3471.01	2.5YR4/3	Reddish brown	Sandy loam	0-13	A	N92.5E107.5; shell, brick, glass, coal
3471.02	2.5YR4/3	Reddish brown	Sandy loam	13-30	B	mixed w/10YR4/3 (brown)
3471.03	5YR5/8	Yellowish red	Compact loam	30-45	C	
3472.01	2.5YR4/3	Reddish brown	Sandy loam	0-19	Fill	N85E107.5; ceramic, shell
3472.02	2.5YR4/3	Reddish brown	Sandy loam	19-33	A/B	discarded coal
3472.03	5YR5/8	Yellowish red	Loam	33-49	C	
3473.01	10YR4/3	Brown	Loamy sand w/loam	0-18	Fill	N92.5E100; shell, brick, etal, ceramic, mixed w/2.5YR3/4 (
3473.02	10YR4/3	Brown	Loamy sand	18-39	A	brick, coal, glass, ceramic
3473.03	10YR6/6	Brownish yellow	Sand	39-76	B	
3474.01	5YR3/3	Dark reddish brown	Sandy loam	0-13	Fill	N85E100
3474.02	5YR4/3	Reddish brown	Sandy loam	13-29	AB	ceramic, glass, coal, shell, bone, nail
3474.03	5YR4/4	Reddish brown	Sandy loam	22-42 [sic]	B	
3475.01	10YR3/3	Dark brown	Sandy loam	0-16	Fill	N92.5E92.5 in rocky drainage feature
3475.02	10YR4/3	Brown	Loamy sand	16-39	A	porcelain
3475.03	2.5YR5/6	Red	Sand	39-50	C	
3476.01	10YR4/4	Dark yellowish brown	Sand	0-8	Fill	N85E92.5
3476.02	10YR4/3	Brown	Loamy sand	8-34	Fill	glass, porcelain
3476.03	10YR6/1	Gray	Coal ash	34-40	Fill	coal ash
3476.04	5YR5/6	Yellowish red	Loam	40-50	C	
3477.01	10YR4/3	Brown	Loamy sand	0-10	Fill	N92.5E85; shell, glass, coal
3477.02	10YR4/3	Brown	Loamy sand	10-30	Fill	mixed w/10YR5/6 (yellowish brown)
3477.03	10YR5/4	Yellowish brown	Loamy sand	30-65	A/B	rock, on edge of stone pile
3478.01	10YR4/3	Brown	Loamy sand	0-28	A	N84E85; glass, ceramic, brick
3478.02	7.5YR4/6	Strong brown	Sand	28-58	B	ceramic; 1m S stone water feature
3479.01	7.5YR4/3	Brown	Sandy loam	0-28	Fill	N92.5E77.5; coal, glass, bone, nail, etc
3479.02	2.5YR4/8	Red	Compact loam	28-36	C	
3480.01	???	?????	Sandy loam	0-31	Fill	N77.5E77.5; glass, coal, metal
3480.02	10YR4/6	Dark yellowish brown	Sand	31-46		
3480.03	2.5YR4/6	Red	Sand	46-51		
3481.01	7.5YR4/3	Brown	Sandy loam	0-19	Fill	N92.5E70 drainpipe N/S; glass, coal ash
3481.02	2.5YR4/8	Red	Loam	19-30	B	
3482.01	5YR4/6	Yellowish red	Loamy sand	0-13	Fill	N77.5E70; clear glass
3482.02	5YR4/3	Reddish brown	Sandy loam	13-26	A	

Shovel Test Stratigraphy, Waterfront Commons, Area 7

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3482.03	7.5YR5/4	Brown	Sand	26-48	B	
3483.01	10YR4/3	Brown	Loamy sand	0-24	A	N100E77.5 screw, ceramic
3483.02	7.5YR4/6	Strong brown	Loam	24-53	B	very compact
3484.01	7.5YR4/3	Brown	Sandy loam	0-24	Fill	N100E70 coal; mixed w/2.5YR4/8 (red)
3484.02	2.5YR4/8	Red	Loam	24-36	B	
3485.01	10YR4/3	Brown	Loamy sand	0-18	Fill	N107.5E77.5; nail, shell, ceramic
3485.02	10YR5/6	Yellowish brown	Sand	18-26	Fill	
3485.03	10YR4/3	Brown	Sandy loam	26-44	A	ceramic
3485.04	7.5YR5/6	Strong brown	Loam	44-60	B	
3486.01	7.5YR4/3	Brown	Sandy loam	0-24	Fill	N107.5E70 historic mixed w/2.5YR4/8 (red)
3486.02	7.5YR5/4	Brown	Sandy loam	24-38	B	historic
3487.01	10YR4/3	Brown	Sandy loam	0-44	Fill	N114.5E77.5 historic mottled
3487.02	10YR6/8	Brownish yellow	Sand	44-63	A	
3488.01	10YR4/3	Brown	Sandy loam	0-28	A	N114.5E85, historic
3488.02	10YR6/8	Brownish yellow	Sand	28-90	B	
3489.01	10YR4/3	Brown	Sandy loam	0-30	A	N122E85, historic
3489.02	10YR5/6	Yellowish brown	Sand	30-66	B	
3490.01	10YR4/3	Brown	Sandy loam	0-30	A	N122E92.5 coal*, glass, ceramic
3490.02	10YR5/6	Yellowish brown	Sand	30-61	B	1m W foundation 2m E brick walk
3491.01	7.5YR4/3	Brown	Sandy loam	0-51	Fill	N122E77.5 nails, glass, ceramic, brick, coal*, shell*
3491.02	7.5YR4/6	Strong brown	Sandy loam	51-73	B	
3491.03	7.5YR5/6	Strong brown	Sand	73-76	C	
3492.01	7.5YR3/3	Dark brown	Sandy loam	0-22	Fill	N122E70 ceramic, coal*, shell, metal, brick
3492.02	7.5YR4/4	Dark yellowish brown	Sandy loam	22-38	B	
3492.03	7.5YR5/8	Strong brown	Sandy loam	38-62	C	
3493.01	7.5YR3/4	Dark brown	Sandy loam	0-23	Fill	N122E55 brick, glass, coal*, shell
3493.02	5YR5/8	Yellowish red	Compact sandy loam	23-40	C	w/gravel
3494.01	5YR4/6	Yellowish red	Sandy loam	0-17	Fill	N122E40
3494.02	5YR3/1	Very dark grey	Ash loam	17-44	Fill/Bum	glass, ceramic, coal*
3494.03	5YR5/8	Yellowish red	Sandy loam	44-64	C	
3495.01	5YR3/3	Dark reddish brown	Sandy loam	0-20	Fill	N107.5E55 nail, glass, ceramic, shell, coal*
3495.02	5YR5/8	Yellowish red	Compact sandy loam	20-32	C	
3496.01	5YR3/3	Dark reddish brown	Sandy loam	0-13	A	N107.5E40 coal, tarpaper, glass, shell
4396.02	5YR4/3	Reddish brown	Sandy loam	13-30	B	
3496.03	5YR5/8	Yellowish red	Sand	30-41	C	

Shovel Test Stratigraphy, Waterfront Commons, Area 7

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3497.01	5YR3/4	Dark reddish brown	Sandy loam	0-17	Fill	N92.5E55 coal, nail, mortar
3497.02	5YR5/8	Yellowish red	Compact loam	17-25	C	3m S concrete pad
3498.01	2.5YR4/8	Red	Sandy loam	0-9	Fill	N77.5E55
3498.02	2.5YR3/3	Dark reddish brown	Sandy loam	9-16	A	coal*
3498.03	2.5YR4/8	Red	Compact loam	16-30	B	
3498.04	2.5YR5/4	Reddish brown	Loam w/clayey loam	30-39	C	
3499.01	???		Loamy sand	0-20		N70E70 very hard & compact
3499.02	7.5YR4/3	Brown	Compact sand	20-38	B	glass
3499.03	7.5YR5/4	Brown	Compact sand	38-47	C	
3500.01	7.5YR4/3	Brown	Sandy loam	0-53	Fill	N62.5E70 brick, ceramic, glass, coal*, bottle cap
3500.02	7.5YR5/4	Brown	Sand	53-69	C	
3501.01	7.5YR4/3	Brown	Sandy loam	0-9	Fill	N55E70 ceramic, glass
3501.02	5YR4/6	Yellowish red	Sandy loam	9-47	Fill	very compact w/gravel
3502.03	7.5YR5/4	Brown	Sandy loam	47-56	B	compact
3502.01	10YR4/3	Brown	Sandy loam	0-10	Fill	N55E62.5 gravelly coal ash*
3502.02	10YR4/6	Dark yellowish brown	Sand	10-22	Fill	compact
3502.03	10YR4/3	Brown	Loamy sand	22-57	A	
3502.04	10YR6/8	Brownish yellow	Sand	57-88	B	
3503.01	5YR4/4	Reddish brown	Sand	0-8	Fill	N62.5E67.5 plastic, modern glass
3503.02	10YR3/4	Dark yellowish brown	Loamy sand	8-23	Fill	
3503.03	7.5YR4/4	Dark yellowish brown	Loam	23-34	Fill	
3503.04	10YR4/4	Dark yellowish brown	Loamy sand	34-60		Concrete floor at 60cm
3504.01	10YR4/3	Brown	Loamy sand	0-11		N70E62.5 glass, brick, coal ash
3504.02	5YR4/4	Reddish brown	???	11-50		brick *...ND* Stopped by rock
3505.01	7.5YR3/3	Dark brown	Sandy loam	0-10	Fill	N55E77.5
3505.02	7.5YR4/3	Brown	Sandy loam	10-14	Fill	Compact
3505.03	7.5YR3/2	Dark brown	Sandy loam	14-20	Fill	flat glass, ceramic
3505.04	5YR4/4	Reddish brown	Sandy loam	20-46	B	compact w/gravel
3505.05	7.5YR5/4	Brown	Sand	46-58	C	
3506.01	7.5YR3/3	Dark brown	Sandy loam	0-11	Fill	N56E85 w/gravel
3506.02	5YR4/6	Yellowish red	Sandy loam	11-16	Fill	very compact
3506.03	7.5YR4/1	Dark grey	Sandy loam	16-22	Fill	compact w/ash; concrete, brick
3507.01	5YR4/3	Reddish brown	Loam, compact	0-17	Fill	N56E92.5 nail, shell, glass 64cm metal pipe
3507.02	5YR4/6	Yellowish red	Sandy loam	17-31	C	Compact
3508.01	5YR3/3	Dark reddish brown	Sandy loam	0-22	Fill	N63.5E85 gravelly historic
3508.02	5YR4/4	Reddish brown	Sandy loam	22-47	Fill	compact w/gravel 5m N cistern
3509.01	5YR4/4	Reddish brown	Sandy loam	0-19	Fill	N62.5E92.5 compact w/gravel
3509.02	5YR4/3	Reddish brown	Sandy loam	19-31	Fill	compact
3510.01						Disturbed

Shovel Test Stratigraphy, Waterfront Commons, Area 7

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3511.01	7.5YR6/1	Grey	Coarse sand	0-16	Fill	N56E100 glass
3511.02	7.5YR4/3	Brown.	Sandy loam	16-58	Fill	
3511.03	7.5YR5/6	Strong brown	Sand	58-62	C	
3512.01	5YR3/3	Dark reddish brown	Sandy loam	0-37	Fill	N57.5E100 shell, ceramics
3512.02	5YR4/6	Yellowish red	Sandy loam	37-52	C	compact w/gravel
3513.01	10YR4/3	Brown	Sandy loam	0-8	Fill	N65E100, brick shell
3513.02	7.5YR4/4	Dark yellowish brown	Loam	8-21	Fill	plastic
3513.03	10YR4/3	Brown	Sand	21-46	A	
3514.01	10YR4/3	Brown	Loamy sand	0-9		N65E92.5
3514.02	7.5YR4/4	Dark yellowish brown	Loam	9-48		redware
3515.01	10YR4/3	Brown	Loamy sand	0-10	Fill	N65E85 coal
3515.02	7.5YR4/6	Strong brown	Loam	10-40		
3515.03	7.5YR4/4	Dark yellowish brown	Loam	40-64		
3516.01	10YR4/3	Brown	Loamy sand	0-9	Fill	N65E75.5 glass, brick shell
3516.02	5YR4/4	Reddish brown	Loam	9-20	Fill	
3516.03	10YR4/3	Brown	Loamy sand	20-50	A	shell, metal
3516.04	7.5YR5/8	Strong brown	Sand	50-73	B	
3517.01	7.5YR3/3	Dark brown	Loamy sand	0-36	Fill	N63.5E77.5 glass, ceramic
3517.02	7.5YR4/3	Brown	Sandy loam	36-45	A	Compact; large root impact
3518.01	10YR4/3	Brown	Sandy loam	0-33	A	N107.5E115 ceramics, coal, etc.
3518.02	7.5YR4/4	Dark yellowish brown	Loam	33-47	C	1m N walkway; very compact
3519.01	10YR4/3	Brown	Sandy loam	0-39	A	N115E115 ceramic, coal, glass
3519.02	10YR5/8	Yellowish brown	Sand	39-82	B	1m W rock wall
3520.01	10YR3/3	Dark brown	Loamy sand	0-27	A	N122.5E115 ceramic, shell, hammer
3520.02	10YR4/3	Brown	Sand	27-42	A	nails, ceramic, etc.
3520.03	10YR6/8	Brownish yellow	Sand	42-95	B	2m N brick walk
3521.01	10YR4/3	Brown	Sandy loam	0-25	A	N107.5E107.5 glass, coal
3521.02	7.5YR4/6	Strong brown	Loam	25-45	C	0.5m N brick walkway
3522.01	10YR4/3	Brown	Sandy loam	0-32	A	N115E107.5 brick, glass
3522.02	5YR5/4	Reddish brown	Loam	32-59	B	Very compact
3523.01	10YR3/3	Dark brown	Loamy sand	0-24	?	N122.5E107.5 glass, shell, coal
3523.02	10YR4/3	Brown	Sand	24-42	A	ceramic, glass, shell
3523.03	10YR6/6	Brownish yellow	Sand	42-60	B	
3523.04	7.5YR5/6	Strong brown	Loam	60-74	C	
3524.01	10YR4/3	Brown	Loamy sand	0-19	A	N114.5E92.5 ceramic, coal, coal ash
3524.02	7.5YR4/4	Dark yellowish brown	Loam	19-48	B/C	coal, coal ash
3525.01	10YR5/3	Brown	Loamy sand	0-34		N144.5E107.5 shell, glass, coal
3525.02	7.5YR4/3	Brown	Loam	34-72		nail, coal, coal ash, pottery?

Shovel Test Stratigraphy, Waterfront Commons, Area 7

Context	Munsell	Color	Texture	Depth (cm)	Horizon	Comments
3526.01	10YR4/3	Brown	Loamy sand	0-27		N144.5E100
3526.02	7.5YR4/4	Dark yellowish brown	Loam	27-48		
3527.01	7.5YR3/3	Dark brown	Loam	0-47	Fill	N139.5E100 pipe stem, coal
3527.02	7.5YR4/6	Strong brown	Sandy loam	47-66	B	
3527.03	7.5YR6/4	Light brown	Sand	66-74	C	
3528.01	10YR4/3	Brown	Sandy loam	0-30	A	N129.5E92.5 coal, nail, glass, ceramic
3528.02	10YR5/6	Yellowish brown	Sand	30-49	B	
3529.01	10YR4/3	Brown	Sandy loam	0-26	A	N129.5E85 metal, coal, glass, etc.
3529.02	10YR5/6	Yellowish brown	Sand	26-59	B	
3530.01	7.5YR3/4	Dark brown	Sandy loam	0-37	Fill	N137E55
3530.02	5YR5/6	Yellowish red	Sandy loam	37-54	B	glass, coal
3531.01	5YR3/3	Dark reddish brown	Sandy loam	0-5		N137E40
3531.02	5YR4/6	Yellowish red	Sandy loam	5-27		very compact w/gravel
3532.01	5YR3/3	Dark reddish brown	Sandy loam	0-29	Fill	N152E40 coal, nail, flat glass
3532.02	7.5YR5/4	Brown	Sand	29-40	Fill	
3532.03	7.5YR4/4	Dark yellowish brown	Loamy sand	40-67	B	
3532.04	7.5YR5/8	Strong brown	Sand	67-74	C	
3533.01	7.5YR3/3	Dark brown	Sandy loam	0-38	Fill	N152E55 brick, glass
3533.02	7.5YR4/6	Strong brown	Sand	38-66	B	
3533.03	7.5YR6/4	Light brown	Sand	66-77	C	

APPENDIX 4
ARTIFACT INVENTORY

APPENDIX 4
COMPLETE ARTIFACT INVENTORY
TABLES FOR CODING MATERIAL CULTURE

- A. Table for National Park Service Material Culture Data Base Coding Chart:
Groups, Classes and Material
- B. Table for Data Base Coding Chart: Groups and Classes
- C. Table for Data Base Coding Chart: Prehistoric Artifacts - Class and Morphology
- D. Table for Data Base Coding Chart: Ambiguous Items of Material Culture

APPENDIX 4

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

GROUPS AND CLASSES		MATERIALS - COMMON LIST (CLASSIFIED)	
01 KITCHEN GROUP	09 ACTIVITIES GROUP	INORGANIC MATERIALS	ORGANIC MATERIALS
01 Dishes	01 Construction tools	CERAMIC	CELLULOSIC
02 Containers	02 Farm tools	001 Porcelain	115 Bark
03 Tableware	03 Leisure activities	002 Stoneware	108 Burlap
04 Kitchenware	04 Fishing gear	003 Earthenware	128 Charcoal
	05 —	004 Whiteware/ironstone/granite	092 Cork
02 FAUNAL/FLORAL GROUP	06 —	134 Undifferentiated ceramic	087 Cotton
01 Mammalia	07 Pottery class		131 Fiberboard/masonite
02 Aves	08 Storage items	CLAY	085 Hemp
03 Reptilia	09 —	047 Clay	011 Paper
04 Amphibia	10 Stable and barn	082 Kaolin	006 Wood
05 Pisces	11 Miscellaneous hardware	079 Red clay	121 Cellulose seeds/ seed covering
09 Ethnofaunal/Zoological	12 Specialized activities		
16 Ethnobotanical	13 Military objects	CONSTRUCTION	CONSTRUCTION
	14 Housekeeping	069 Brick	093 Asphalt
03 ARCHITECTURAL GROUP	15 Public services	071 Cement	125 Formica
01 Window glass		070 Mortar	101 Linoleum
02 Nails	10 PREHISTORIC GROUP	072 Plaster	102 Tar paper
03 Spikes	01 Hunting and fishing activities		
04 Door & Window hardware	02 Domestic activities	GLASS	WAX
05 Other structural hardware	03 Stone working	013 Milk glass	076 Wax
06 Construction materials	04 Wood working	078 Glass	
	05 Digging tools	112 Slag and clinker	
04 FURNITURE GROUP	06 Other fabricating or processing tools		GUM/RESIN
01 Hardware	07 Other general utility tools		010 Rubber, elastic
02 Materials	08 Ceremonial & ornamental		009 Rubber, hard
03 Lighting device	09 Miscellaneous		
04 Decorative furnishings		METALS	PETROCHEMICALS
		005 Tin	073 Carbon
05 ARMS GROUP	11 SAMPLES	019 Silver	095 Coal
01 Projectiles	- Charcoal samples for radiocarbon	021 Gold	048 Graphite
02 Cartridge case	- dating	026 Cuprous metal	116 Tar
03 Arms accessories	- Flotation samples	028 Ferrous alloy	
04 Gun parts	- light fraction	029 Aluminum	
	- heavy fraction	032 Steel	
	- Soil samples	034 Lead	
		035 Chrome	PROTEIN
06 CLOTHING GROUP	98 UNSPECIFIED GROUP	036 Mercury	118 Chitin (arthropod, exoskeleton)
01 Apparel		136 Undifferentiated metal	106 Felt
02 Ornamentation			122 Flesh
03 Making and repair		STONE	016 Hair
04 Fasteners		129 Agate	117 Keratin (horns/fingernail/claws)
		075 Asbestos	015 Leather
07 PERSONAL GROUP		133 Chalk	107 Silk
01 Coins		052 Chert	090 Sponge, natural
02 Keys		042 Granite	105 Wool
03 Writing paraphernalia		046 Gravel	
04 Grooming and hygiene		109 Jet	COMBINATION MATERIALS
05 Personal ornamentation		038 Limestone	017 Bone
06 Other personal items		041 Marble	132 Ivory
		049 Mica	067 Pearl
08 TOBACCO PIPE GROUP		058 Obsidian	089 Shell
01 Kaolin pipe class		057 Ochre	
02 Nonkaolin pipe		068 Precious stone	SYNTHETIC MATERIALS
03 Smoking accessories		053 Quartz	109 Celluloid
		054 Quartzite	089 Nylon
		039 Sandstone	008 Plastic
		044 Shale	077 Soap
		040 Slate	091 Sponge, synthetic
		060 Slatite	104 Synthetic
		043 Schist	
		126 Undifferentiated stone	TEXTILE
			151 Undifferentiated textile

APPENDIX 4
B. Table for Data Base Coding Chart: Groups and Classes

GROUPS AND CLASSES

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

GROUPS AND CLASSES

- | | |
|---|---|
| 08 TOBACCO PIPE GROUP
01 Kaolin pipe
05 Nonkaolin pipe
06 Smoking accessories | Kaolin pipe
Corncob pipe
Snuff tin, cuspidor, tobacco tin, pipe cleaner |
| 09 ACTIVITIES GROUP
01 Construction tools
02 Farm tools
03 Leisure activities
04 Fishing gear
05 —
06 —
07 Pottery class
08 Storage items
09 —
10 Stable and barn
11 Miscellaneous hardware
12 Specialized activities
13 Military objects
14 Housekeeping
15 Public services | Axe head, drill bit, saw, paintbrush
Hoe, rake, plow blade
Marbles, jew's harp, doll parts
Fish hooks, sinkers, crab trap

Indian water jar, effigy pot
Crock, barrel staves, sacks

Stirrup, horseshoe, rein, harness belt
Rope, bolts, nuts, washers, chain
Button blanks, metallurgic debris, saggars
Insignia, bayonets
Broom, coat hanger, washboard
Sewer pipe, water pipe |
| 10 PREHISTORIC GROUP
01 Hunting and Fishing
02 Domestic
03 Stone working
04 Wood working
05 Digging Tools
06 Other fabricating or processing tools
07 Other general utility tools
08 Ceremonial & ornamental
09 Miscellaneous | Projectile point, atlatl hook
Vessel, mortar, pestle
Hammerstone, baton, flake, core
Cell, grooved axe
Hoe
Drill, chisel, needle

Knife, prismatic blade, chopper
Sheet, gorget, bead
Function unknown |

APPENDIX 4

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

Class 01: Hunting and Fishing Activities

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

Class 02: Domestic Activities

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

Class 03: Stone Working

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

Class 04: Wood Working

37 - Celt
38 - Grooved axe
39 - Spokeshave

Class 16: Ethnobotanical

Seeds
Nuts

Class 06: Other Fabricating or Processing Tools

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

Class 07: General Utility Tools

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

Class 08: Ceremonial & Ornamental Objects

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

APPENDIX 4

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

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

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

Area 1
Artifact Database

ARTIFACT INVENTORY, AREA 2
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Context 3001.02												
3001.02	1	03	02			028 Nail	1	0.0	Rusted & corroded			1
3001.02	1	09	11			028 Metal	4	0.0	Rusted & corroded			2
** Subtotal **							5	0.0				
** Context 3003.01												
3003.01	1	01	02			078 Bottle glass	1	0.0	Brown Base embossed: "14 I 5/22/Duraglass/1-WAY" Owen-Illinois Glass Co. Circular stippling pattern	Gilpen 1983	1945 or 1955	3
** Subtotal **							1	0.0				
** Context 3003.02												
3003.02	1	01	02			078 Container glass	3	0.0	Clear fragments			5
3003.02	1	01	02			078 Container glass	1	0.0	Clear			6
3003.02	1	01	02			078 Bottle glass	21	0.0	Textured fragment Brown 8 pcs stippled around lower quarter of body 2 pcs embossed: "...ERALL..." and "...E FILLED" Base complete, embossed "11 66/3" 3 concentric rows of stippling around perimeter			8
3003.02	1	01	02			078 Container glass	4	0.0	Clear			9
3003.02	1	01	02			078 Container glass	2	0.0	Brown			10
3003.02	1	01	02			078 Container glass	2	0.0	Clear Embossed with star/asterisk pattern			11
3003.02	1	01	02			078 Container glass	1	0.0	Clear, thin			12
3003.02	1	03	06	015		069 Brick	2	0.0	Brown-grey			4
3003.02	1	98	00			095 Coal	1	0.0				7
** Subtotal **							37	0.0				
** Context 3004.02												
3004.02	1	10	03	027	051	Primary flake	1	0.0	Jasper			13
** Subtotal **							1	0.0				
** Context 3011.01												
3011.01	1	01	02			078 Container glass	1	0.0	Pale aqua tint			35
3011.01	1	03	06	015		069 Brick	1	0.0	Orange fragment			15
3011.01	1	03	06	025		104 Construction material	2	0.0				16
3011.01	1	04	04	002		003 Flowerpot	1	0.0	Orange			14
3011.01	1	98	00			095 Coal	2	0.0				17
** Subtotal **							7	0.0				
** Context 3019.01												
3019.01	1	01	02			078 Container glass	2	0.0	Black glass			26
3019.01	1	03	01	001		078 Flat glass	1	0.0	Clear, thin			22
3019.01	1	03	02			028 Nail	5	0.0	Very rusted & corroded			18
3019.01	1	03	02			028 Nail	5	0.0	Wire			20
3019.01	1	03	02			028 Nail	5	0.0	Rusted & corroded			
3019.01	1	03	02			028 Nail	5	0.0	Rusted & corroded			27
3019.01	1	03	02			028 Nail	2	0.0	Cut			28
3019.01	1	03	06	020		028 Metal bar	1	0.0	Rusted & corroded Some coal attached			25
3019.01	1	09	01			093 Asphalt w/nail	1	0.0	Nail embedded in asphalt			23
3019.01	1	09	11			028 Metal	15	0.0	Very rusted & corroded			19
3019.01	1	09	11			028 Metal	1	0.0	Thick bar			21
3019.01	1	09	11			028 Metal slats	2	0.0	Rusted & corroded			24
** Subtotal **							40	0.0				
** Context 3019.02												
3019.02	1	01	01			003 Yellowware	1	0.0	Clear glaze			31
3019.02	1	09	11			028 Metal	1	0.0	Rusted & corroded			29

ARTIFACT INVENTORY, AREA 2
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
3019.02	1	09	11			028 Metal	1	0.0	Rusted & corroded			30
** Subtotal **							3	0.0				
** Context 3020.01												
3020.01	1	03	01	001		078 Flat glass	1	0.0	Aqua tint			32
** Subtotal **							1	0.0				
** Context 3020.02												
3020.02	1	06	03	004		028 Pin	1	0.0	Rusted & corroded			34
3020.02	1	09	11			028 Metal	1	0.0	Rusted & corroded			33
** Subtotal **							2	0.0				
** Context 3021.02												
3021.02	1	01	01			003 Creamware	1	0.0	Base w/footring			37
3021.02	1	01	01			004 Ironstone	1	0.0	Spall Underglaze transfer print blue			36
3021.02	1	09	11			028 Metal	1	0.0	w/rivetting?			38
** Subtotal **							3	0.0				
** Context 3026.03												
3026.03	1	01	01			003 Redware	1	0.0	Eroded, traces of Jackfield glaze			39
** Subtotal **							1	0.0				
** Context 3035.02												
3035.02	1	10	03			051 Secondary flake	1	0.0	Jasper			40
3035.02	1	10	03			052 Secondary flake	2	0.0	Grey chert			41
** Subtotal **							3	0.0				
** Context 311.02												
311.02	1	01	02			078 Bottle glass	21	0.0	Clear Enameled exterior			609
** Subtotal **							21	0.0				
** Context 3208.01												
3208.01	1	02	09			089 Shell	2	0.0	Oyster			458
** Subtotal **							2	0.0				
** Context 3208.02												
3208.02	1	02	01			017 Bone	1	0.0	Rib			461
3208.02	1	02	09			089 Shell	15	0.0	Clam			459
3208.02	1	02	09			089 Shell	6	0.0	Oyster			460
** Subtotal **							22	0.0				
** Context 3210.02												
3210.02	1	01	02			078 Container glass	4	0.0	Olive green fragments			462
3210.02	1	02	09			089 Shell	7	0.0	Clam			463
3210.02	1	02	09			089 Shell	5	0.0	Oyster			464
3210.02	1	10	03	028		051 Secondary flake	1	0.0	Jasper			465
3210.02	1	10	07	081		052 Biface	1	0.0	Grey chert			466
** Subtotal **							18	0.0				
** Context 3211.02												
3211.02	1	01	01			004 Ironstone	1	0.0	Ribbed			468
3211.02	1	10	03	028		051 Secondary flake	1	0.0	Jasper			467
** Subtotal **							2	0.0				
** Context 3212.02												
3212.02	1	01	01			003 Creamware	1	0.0	Spall			470
3212.02	1	10	03	030		053 Core	1	0.0	Quartz			469
** Subtotal **							2	0.0				
** Context 3213.01												
3213.01	1	04	03	019		078 Lighting glass	1	0.0	Clear			471

ARTIFACT INVENTORY, AREA 2
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Subtotal **							1	0.0				
** Context 3216.01												
3216.01	1	01	01			004 Ironstone	1	0.0	Undecorated body sherd			473
3216.01	1	04	03	019		078 Lighting glass	1	0.0	Clear			472
** Subtotal **							2	0.0				
** Context 3218.02												
3218.02	1	09	11			008 Plastic	1	0.0	Red Brake light fragment?			474
** Subtotal **							1	0.0				
** Context 3219.02												
3219.02	1	10	03	028	052	Secondary flake	1	0.0	Green chert			475
3219.02	1	10	03	028	052	Secondary flake	1	0.0	Green chert			476
** Subtotal **							2	0.0				
** Context 3221.02												
3221.02	1	02	09			089 Shell	1	0.0	Clam			479
3221.02	1	10	03	028	052	Secondary flake	3	0.0	Dark grey chert			478
3221.02	1	10	03	028	056	Secondary flake	1	0.0	Green chalcedony			477
** Subtotal **							5	0.0				
** Context 3223.02												
3223.02	1	10	03	028	052	Secondary flake	1	0.0	Grey chert Potlidding			480
** Subtotal **							1	0.0				
** Context 3226.03												
3226.03	1	01	02			078 Container glass	1	0.0	Clear Burnt			481
** Subtotal **							1	0.0				
** Context 3228.02												
3228.02	1	04	04	002	003	Flowerpot	2	0.0	Orange Rim-1			482
** Subtotal **							2	0.0				
** Context 3230.03												
3230.03	1	10	03	028	052	Secondary flake	1	0.0	Dark grey chert			483
** Subtotal **							1	0.0				
** Context 3237.01												
3237.01	1	04	03	019	078	Lighting glass	1	0.0	Clear			484
3237.01	1	08	01	001	062	Kaolin pipe	1	0.0	Bowl fragment			485
** Subtotal **							2	0.0				
** Context 3238.02												
3238.02	1	09	11	003	028	Bolt	1	0.0	Rusted & corroded			486
** Subtotal **							1	0.0				
** Context 3239.03												
3239.03	1	10	03	028	051	Secondary flake	1	0.0	Jasper flake			487
** Subtotal **							1	0.0				
** Context 3241.02												
3241.02	1	01	02			078 Container glass	4	0.0	Clear			488
** Subtotal **							4	0.0				
** Context 3242.02												
3242.02	1	01	01			001 Porcelain	1	0.0	Undecorated body sherd			489
3242.02	1	01	01			002 Stoneware	1	0.0	White stoneware Salt glazed			490
** Subtotal **							2	0.0				

ARTIFACT INVENTORY, AREA 2
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context	Area	Gp	Cl	Mph	Mat	Identity	Count	Weight	Comments	Reference	Range	Cat#
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
** Context	3244.02											
3244.02	1	01	02			078 Container glass	2	0.0	Olive green			495
3244.02	1	01	02			078 Container glass	1	0.0	Dark green			496
3244.02	1	02	01			017 Bone	1	0.0	Calcined			492
3244.02	1	02	09			089 Shell	1	0.0	Clam			491
3244.02	1	03	02			028 Nail	3	0.0	Rusted & corroded			494
3244.02	1	08	01	001		062 Kaolin pipe	2	0.0	Stem fragment			493
3244.02	1	98	00			112 Slag	1	0.0				497
** Subtotal **							11	0.0				
** Context	3244.03											
3244.03	1	01	01			004 Ironstone	1	0.0	Undecorated body sherd			499
3244.03	1	01	02			078 Container glass	1	0.0	Olive green			498
3244.03	1	10	03	028		052 Secondary flake	1	0.0	Grey chert			500
** Subtotal **							3	0.0				
** Context	3246.01											
3246.01	1	01	01			003 North Devon Gravel Temper	1	0.0	Dark grey coarse paste Large inclusions Clear glaze interior Unglazed exterior	Noel Hume 1970:133 Brown 1982:22	1675-1725	505
3246.01	1	02	09			089 Shell	1	0.0	Clam			501
3246.01	1	02	09			089 Shell	1	0.0	Oyster			502
3246.01	1	03	02			028 Nail	2	0.0	Rusted & corroded Rosehead?			503
3246.01	1	10	02			126 Fire cracked rock	1	0.0				504
** Subtotal **							6	0.0				
** Context	3247.02											
3247.02	1	01	02			078 Container glass	1	0.0	Olive green Some heat modification			506
** Subtotal **							1	0.0				
** Context	3249.02											
3249.02	1	01	01			003 Earthenware	1	0.0	Buff paste Remnants of red slip			510
3249.02	1	01	02			078 Container glass	1	0.0	Dark aqua			507
3249.02	1	03	02			028 Nail	3	0.0	Rusted & corroded			509
3249.02	1	04	03	019		078 Lighting glass	1	0.0	Clear			508
** Subtotal **							6	0.0				
** Context	3250.02											
3250.02	1	01	01			003 Redware	1	0.0	Base Unglazed exterior Jackfield glaze interior			511
** Subtotal **							1	0.0				
** Context	3251.02											
3251.02	1	01	02			078 Bottle glass	3	0.0	Clear Stippled base-1			512
** Subtotal **							3	0.0				
** Context	3253.01											
3253.01	1	02	01			017 Bone	1	0.0				514
3253.01	1	02	09			089 Shell	2	0.0	Oyster			513
3253.01	1	98	00			112 Slag	1	0.0				515
** Subtotal **							4	0.0				
** Context	3255.02											
3255.02	1	03	01	001		078 Flat glass	1	0.0	Clear			516
3255.02	1	03	03			028 Spike	1	0.0	Rusted & corroded 2 metal projections corroded onto spike body Perpendicular to spike body Unclear if originally attached			521
3255.02	1	09	11			028 Metal	1	0.0	Rusted & corroded			520
3255.02	1	98				052 Chert	1	0.0	Dark grey w/cortex			519
3255.02	1	98				112 Slag	3	0.0				518

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3255.02	1	98	00		095	Coal	1	0.0				517
** Subtotal **							8	0.0				
** Context 3275.03												
3275.03	1	01	01		003	Redware	2	0.0	Manganese glaze interior			539
3275.03	1	10	03	028	052	Secondary flakes	2	0.0	Dark grey chert			540
** Subtotal **							4	0.0				
** Context 3278.02												
3278.02	1	10	03	028	051	Secondary flake	1	0.0	Jasper			541
** Subtotal **							1	0.0				
** Context 3279.02												
3279.02	1	02	09		089	Shell	5	0.0	Oyster			542
3279.02	1	98			095	Coal	1	0.0				543
** Subtotal **							6	0.0				
** Context 3280.02												
3280.02	1	01	02		078	Container glass	1	0.0	Clear Ribbed & molded interior & exterior			544
** Subtotal **							1	0.0				
** Context 3282.02												
3282.02	1	02	09		089	Shell	6	0.0	Oyster			545
3282.02	1	02	09		089	Shell	3	0.0	Clam			546
3282.02	1	10	02		126	Fire-cracked rock	4	0.0				547
3282.02	1	10	03	028	051	Secondary flake	1	0.0	Jasper, heated			548
3282.02	1	10	03	028	052	Secondary flake	1	0.0	Dark grey chert			549
3282.02	1	10	03	028	146	Secondary flakes	2	0.0	Argillite			550
** Subtotal **							17	0.0				
** Context 3283.02												
3283.02	1	01	02		002	Stoneware	1	0.0	Clear salt glazed exterior Brown slipped interior			551
** Subtotal **							1	0.0				
** Context 3284.02												
3284.02	1	01	01		004	Ironstone	2	0.0	Spalls			552
3284.02	1	02	09		089	Shell	1	0.0	Clam			553
3284.02	1	02	09		089	Shell	3	0.0	Oyster			554
3284.02	1	03	02		028	Nail	1	0.0	cut Rusted & corroded			555
** Subtotal **							7	0.0				
** Context 3286.02												
3286.02	1	02	09		089	Shell	4	0.0	Clam			556
3286.02	1	02	09		089	Shell	1	0.0	Oyster			557
3286.02	1	10	02		126	Fire-cracked rock	1	0.0				558
** Subtotal **							6	0.0				
** Context 3287.02												
3287.02	1	10	03	028	052	Secondary flake	1	0.0	Dark grey chert Potlidded			559
** Subtotal **							1	0.0				
** Context 3288.02												
3288.02	1	09	11		028	Metal	14	0.0	Corroded			560
** Subtotal **							14	0.0				
** Context 3289.02												
3289.02	1	02	09		089	Shell	4	0.0	Clam			561

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3289.02	1	02	09			089 Shell	6	0.0	Oyster			562
** Subtotal **							10	0.0				
** Context 3290.02												
3290.02	1	02	09			089 Shell	5	0.0	Oyster			563
3290.02	1	10	02			126 Fire-cracked rock	2	0.0				564
3290.02	1	10	03	028	052	Secondary flake	1	0.0	Dark grey chert			565
** Subtotal **							8	0.0				
** Context 3292.02												
3292.02	1	02	09			089 Shell	1	0.0	Clam			566
3292.02	1	02	09			089 Shell	4	0.0	Oyster			567
** Subtotal **							5	0.0				
** Context 3293.02												
3293.02	1	01	01			003 Creamware	1	0.0				568
3293.02	1	02	09			089 Shell	1	0.0	Clam			569
3293.02	1	02	09			089 Shell	2	0.0	Oyster			570
3293.02	1	10	02			126 Fire-cracked rock	1	0.0				571
** Subtotal **							5	0.0				
** Context 3294.02												
3294.02	1	02	09			089 Shell	1	0.0	Oyster			572
3294.02	1	10	02			126 Fire-cracked rock	1	0.0				573
** Subtotal **							2	0.0				
** Context 3295.02												
3295.02	1	02	09			089 Shell	2	0.0	Clam			574
3295.02	1	02	09			089 Shell	10	0.0	Oyster			575
** Subtotal **							12	0.0				
** Context 3296.02												
3296.02	1	02	09			089 Shell	3	0.0	Clam			576
3296.02	1	02	09			089 Shell	2	0.0	Oyster			577
3296.02	1	10	02			126 Fire-cracked rock	1	0.0				578
3296.02	1	10	03	028	052	Secondary flake	1	0.0	Grey chert			579
** Subtotal **							7	0.0				
** Context 3297.02												
3297.02	1	10	03	028	052	Secondary flake	1	0.0	Dark grey chert			580
** Subtotal **							1	0.0				
** Context 3298.02												
3298.02	1	01	01			003 Creamware	2	0.0				581
** Subtotal **							2	0.0				
** Context 3299.02												
3299.02	1	02	09			089 Shell	4	0.0	Clam			582
3299.02	1	02	09			089 Shell	5	0.0	Oyster			583
3299.02	1	10	02			126 Fire-cracked rock	4	0.0				584
3299.02	1	10	03	028	052	Secondary flake	1	0.0	Dark grey chert			585
** Subtotal **							14	0.0				
** Context 3300.02												
3300.02	1	02	09			089 Shell	3	0.0	Clam			586
3300.02	1	02	09			089 Shell	3	0.0	Oyster			587
3300.02	1	10	03	028	051	Secondary flake	1	0.0	Jasper, heated			588
3300.02	1	98				051 Jasper	1	0.0	Nodule			589
** Subtotal **							8	0.0				
** Context 3303.02												
3303.02	1	01	02			078 Container glass	1	0.0	Clear			590
3303.02	1	02	09			089 Shell	6	0.0	Oyster			591

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3303.02	1	02	09			089 Shell	6	0.0	Clam			592
** Subtotal **							13	0.0				
** Context 3304.02												
3304.02	1	01	02			002 Stoneware	1	0.0	Salt glazed exterior 2 embossed rings exterior Cobalt blue decoration exterior			593
3304.02	1	03	01	001	078	Flat glass	1	0.0	Dark green			594
3304.02	1	10	03	028	052	Secondary flake	1	0.0	Dark grey chert			595
** Subtotal **							3	0.0				
** Context 3306.02												
3306.02	1	01	02			078 Bottle glass	6	0.0	Clear Embossed exterior: "...COLA" White enamel exterior: "...Pepsi..."			596
3306.02	1	10	03	027	051	Primary flake	1	0.0	Jasper			597
** Subtotal **							7	0.0				
** Context 3307.02												
3307.02	1	02	09			089 Shell	4	0.0	Clam			599
3307.02	1	02	09			089 Shell	10	0.0	Oyster			600
3307.02	1	03	05			028 Structural hardware	1	0.0	Rusted & corroded			598
3307.02	1	10	02			126 Fire-cracked rock	1	0.0				601
** Subtotal **							16	0.0				
** Context 3308.02												
3308.02	1	02	09			089 Shell	1	0.0	Clam			602
3308.02	1	02	09			089 Shell	9	0.0	Clam			603
3308.02	1	10	03	028	052	Secondary flake	1	0.0	Dark grey chert			604
** Subtotal **							11	0.0				
** Context 3309.02												
3309.02	1	02	09			089 Shell	1	0.0	Clam			605
3309.02	1	02	09			089 Shell	6	0.0	Oyster			606
3309.02	1	10	02			126 Fire-cracked rock	14	0.0				608
3309.02	1	10	03	028	052	Secondary flake	1	0.0	Dark grey chert			607
** Subtotal **							22	0.0				
** Context 3312.02												
3312.02	1	02	09			089 Shell	2	0.0	Clam			610
3312.02	1	02	09			089 Shell	1	0.0	Oyster			611
3312.02	1	10	02			126 Fire-cracked rock	6	0.0				612
3312.02	1	10	03	028	052	Secondary flakes	2	0.0	Grey chert			613
** Subtotal **							11	0.0				
** Context 3313.02												
3313.02	1	02	09			089 Shell	2	0.0	Oyster			614
3313.02	1	02	09			089 Shell	2	0.0	Clam			615
3313.02	1	10	02			126 Fire-cracked rock	5	0.0				616
3313.02	1	10	03	028	052	Secondary flakes	2	0.0	Grey chert			617
** Subtotal **							11	0.0				
** Context 3313.03												
3313.03	1	10	02			126 Fire-cracked rock	128	0.0				618
3313.03	1	10	07	074	054	Chopper	1	0.0	Quartzite			619
** Subtotal **							129	0.0				
** Context 3314.02												
3314.02	1	02	09			089 Shell	1	0.0	Clam			620

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3314.02	1	02	09		089	Shell	2	0.0	Oyster			621
3314.02	1	10	03	028	052	Secondary flakes	3	0.0	Dark grey chert			622
** Subtotal **							6	0.0				
** Context 3316.02												
3316.02	1	02	09		089	Shell	1	0.0	Clam			623
3316.02	1	10	03	028	051	Secondary flake	1	0.0	Jasper			624
3316.02	1	10	03	028	052	Secondary flake	1	0.0	Grey chert			625
** Subtotal **							3	0.0				
** Context 3316.03												
3316.03	1	01	01		003	Creamware	1	0.0	Spall			626
3316.03	1	10	02		126	Fire-cracked rock	1	0.0				627
3316.03	1	10	03	032	052	Tested piece	1	0.0	Grey chert			628
** Subtotal **							3	0.0				
** Context 3317.02												
3317.02	1	02	09		089	Shell	1	0.0	Oyster			629
3317.02	1	10	02		126	Fire-cracked rock	3	0.0				630
3317.02	1	10	03	028	052	Secondary flake	1	0.0	Grey chert			631
** Subtotal **							5	0.0				
** Context 3319.02												
3319.02	1	10	02		126	Fire-cracked rock	1	0.0				632
** Subtotal **							1	0.0				
** Context 3320.02												
3320.02	1	02	09		089	Shell	1	0.0	Clam			633
3320.02	1	10	02		126	Fire-cracked rock	1	0.0				634
** Subtotal **							2	0.0				
** Context 3324.02												
3324.02	1	02	09		089	Shell	1	0.0	Clam			635
3324.02	1	02	09		089	Shell	6	0.0	Oyster			636
3324.02	1	10	02	013	083	Pottery	1	1.7	Sand tempered?			638
3324.02	1	10	02		126	Fire-cracked rock	1	0.0				637
** Subtotal **							9	1.7				
** Context 3325.02												
3325.02	1	01	01	001	001	Porcelain	1	0.0	Plate base Overglaze polychrome floral interior			639
** Subtotal **							1	0.0				
** Context 3326.02												
3326.02	1	10	02		126	Fire-cracked rock	7	0.0				640
3326.02	1	10	03	028	052	Secondary flake	1	0.0	Grey chert			641
** Subtotal **							8	0.0				
** Context 3327.02												
3327.02	1						1	0.5	circular thingy, use microscope			643
3327.02	1	10	02		126	Fire-cracked rock	3	0.0				642
** Subtotal **							4	0.5				
** Context 3328.02												
3328.02	1	01	01		003	Redware	1	0.0	Clear glaze interior Exterior - either unglazed or eroded			644
3328.02	1	01	01		004	Ironstone	1	0.0				645
3328.02	1	10	02		126	Fire-cracked rock	1	0.0				646

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** Subtotal **							3	0.0				
** Context 3329.03												
3329.03	1	10	03	028	051	Secondary flake	1	0.0	Jasper			647
3329.03	1	10	03	028	052	Secondary flake	3	0.0	Grey chert			648
** Subtotal **							4	0.0				
** Context 3331.02												
3331.02	1	02	09		089	Shell	1	0.0	Oyster			649
3331.02	1	10	02	013	083	Pottery	1	1.8	Sand tempered?			651
3331.02	1	10	02	013	083	Pottery	1	1.3	Sand tempered Cordmarked exterior			652
3331.02	1	10	02		126	Fire-cracked rock	2	0.0				650
** Subtotal **							5	3.1				
** Context 3332.02												
3332.02	1	02	09		089	Shell	2	0.0	Clam			653
3332.02	1	10	02		126	Fire-cracked rock	2	0.0				654
3332.02	1	98			095	Coal	1	0.0				655
** Subtotal **							5	0.0				
** Context 3333.02												
3333.02	1	10	03	028	052	Secondary flake	1	0.0	Grey chert			656
** Subtotal **							1	0.0				
** Context 3334.02												
3334.02	1	02	09		089	Shell	1	0.0	Clam			657
3334.02	1	03	06	015	069	Brick	1	0.0	Red			658
3334.02	1	10	02		126	Fire-cracked rock	5	0.0				659
3334.02	1	10	03	028	052	Secondary flakes	6	0.0	Grey chert			660
3334.02	1	98			051	Nodule	1	0.0	Jasper			661
** Subtotal **							14	0.0				
** Context 3334.03												
3334.03	1	10	03	028	051	Secondary flake	1	0.0	Jasper			662
** Subtotal **							1	0.0				
** Context 3335.02												
3335.02	1	01	01		003	Redware	2	0.0	Jackfield glaze interior & exterior			663
3335.02	1	10	02		126	Fire-cracked rock	1	0.0				666
3335.02	1	10	03	027	051	Primary flake	2	0.0	Jasper			664
3335.02	1	10	03	028	052	Secondary flake	1	0.0	Grey chert			665
** Subtotal **							6	0.0				
** Context 3336.02												
3336.02	1	02	09		089	Shell	1	0.0	Oyster			667
3336.02	1	02	09		089	Shell	1	0.0	Clam			668
3336.02	1	03	06	015	069	Brick	1	0.0	Red			669
3336.02	1	10	02		126	Fire-cracked rock	4	0.0				670
3336.02	1	98			052	Chert	3	0.0				671
** Subtotal **							10	0.0				
** Context 33362.02												
33362.02	1	01	01		003	Redware	2	0.0	Eroded			722
** Subtotal **							2	0.0				
** Context 3339.02												
3339.02	1	03	02		028	Nails	2	0.0	Rusted & corroded			672
** Subtotal **							2	0.0				

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** Context 3340.02												
3340.02	1	02	09			089 Shell	1	0.0	Clam			673
3340.02	1	03	06			006 Wood	1	0.0	Burned			675
3340.02	1	10	02			126 Fire-cracked rock	1	0.0				674
3340.02	1	10	03	028	052	Secondary flake	2	0.0	Grey chert			676
** Subtotal **							5	0.0				
** Context 3341.01												
3341.01	1	01	02			078 Bottle glass	2	0.0	Mend Brown Lip & neck Machine made			677
** Subtotal **							2	0.0				
** Context 3341.03												
3341.03	1	10	03	028	052	Secondary flake	1	0.0	Grey chert			678
** Subtotal **							1	0.0				
** Context 3342.02												
3342.02	1	10	03	028	051	Secondary flake	1	0.0	Jasper			679
** Subtotal **							1	0.0				
** Context 3343.02												
3343.02	1	02	09			089 Shell	2	0.0	Clam			680
3343.02	1	10	02	013	081	Pottery	1	5.6	Grit-tempered? Fabric impressed exterior?			681
** Subtotal **							3	5.6				
** Context 3347.02												
3347.02	1	10	03	028	052	Secondary flake	1	0.0	Grey chert			682
** Subtotal **							1	0.0				
** Context 3347.03												
3347.03	1	01	01			004 Ironstone	1	0.0	Spall			683
3347.03	1	09	11			028 Miscellaneous hardware	1	0.0	Rusted & corroded			684
** Subtotal **							2	0.0				
** Context 3349.02												
3349.02	1	01	02			078 Container glass	1	0.0	Clear			685
3349.02	1	10	02			126 Fire-cracked rock	1	0.0				686
** Subtotal **							2	0.0				
** Context 3350.01												
3350.01	1	01	02			078 Container glass	1	0.0	Olive green			687
** Subtotal **							1	0.0				
** Context 3350.02												
3350.02	1	01	02			078 Container glass	2	0.0	Olive green			688
3350.02	1	02	09			089 Shell	2	0.0	Oyster			689
** Subtotal **							4	0.0				
** Context 3351.02												
3351.02	1	01	01			004 Ironstone	1	0.0	Base Exterior stamped blue maker's mark: .../BUR.... Underglaze transfer print blue interior			690
3351.02	1	02	09			089 Shell	1	0.0	Clam			691
** Subtotal **							2	0.0				
** Context 3352.02												
3352.02	1	10	02			126 Fire-cracked rock	1	0.0				692
3352.02	1	10	03	028	052	Secondary flakes	2	0.0	Grey chert			693

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** Subtotal **							3	0.0				
** Context 3354.02												
3354.02	1	01	01			004 Ironstone	1	0.0				694
3354.02	1	02	09			089 Shell	1	0.0	Oyster			695
** Subtotal **							2	0.0				
** Context 3355.02												
3355.02	1	01	01	031	004	Ironstone	1	0.0	Underglaze transfer print blue exterior			696
3355.02	1	02	09			089 Shell	1	0.0	Clam			697
3355.02	1	02	09			089 Shell	1	0.0	Oyster			698
3355.02	1	03	06	015	069	Brick	1	0.0	Red			699
** Subtotal **							4	0.0				
** Context 3356.02												
3356.02	1	03	02			028 Nail	1	0.0	Cut Rusted & corroded			700
** Subtotal **							1	0.0				
** Context 3357.02												
3357.02	1	02	09			089 Shell	1	0.0	Clam			702
3357.02	1	03	01	001	078	Flat glass	2	0.0	Clear			701
3357.02	1	10	02			126 Fire-cracked rock	1	0.0				703
** Subtotal **							4	0.0				
** Context 3358.02												
3358.02	1	10	02	013	083	Pottery	1	3.1	Impressed interior & exterior			705
3358.02	1	10	02	013	083	Pottery	1	1.9	Impressed interior & exterior			706
3358.02	1	10	02	013	083	Pottery	1	0.6	Impressed interior & exterior			707
3358.02	1	10	02			126 Fire-cracked rock	1	0.0				704
** Subtotal **							4	5.6				
** Context 3359.02												
3359.02	1	02	09			089 Shell	2	0.0	Clam			708
3359.02	1	10	02			126 Fire-cracked rock	1	0.0				709
** Subtotal **							3	0.0				
** Context 3360.02												
3360.02	1	01	01			003 Redware	1	0.0	Jackfield glaze			710
3360.02	1	02	09			089 Shell	1	0.0	Clam			711
3360.02	1	02	09			089 Shell	1	0.0	Oyster			712
3360.02	1	10	02			126 Fire-cracked rock	2	0.0				713
3360.02	1	10	03	028	051	Secondary flake	1	0.0	Jasper			714
3360.02	1	98				095 Coal	1	0.0				715
** Subtotal **							7	0.0				
** Context 3361.02												
3361.02	1	02	09			089 Shell	1	0.0	Clam			716
3361.02	1	02	09			089 Shell	7	0.0	Oyster			717
3361.02	1	03	06	015	069	Brick	1	0.0	Red			718
3361.02	1	09	11	012	028	Wire	1	0.0	Rusted & corroded			720
3361.02	1	10	02			126 Fire-cracked rock	1	0.0				719
** Subtotal **							11	0.0				
** Context 3362.02												
3362.02	1	01	01	001	002	Stoneware	1	0.0	White salt glazed Plate rim	South 1972	1740-1765	723
3362.02	1	01	01			003 Redware	1	0.0	Molded bead & reel rim Jackfield glaze interior & exterior			721
3362.02	1	01	01			004 Ironstone	1	0.0	Underglaze transfer print blue			724

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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
3362.02	1	10	02	013	083	Pottery	1	2.1				725
3362.02	1	10	02	013	083	Pottery	1	2.9				726
3362.02	1	10	02	013	083	Pottery	1	0.3	Cord impressed?			727
3362.02	1	10	02	013	083	Pottery	1	0.3				728
3362.02	1	10	02		126	Fire-cracked rock	2	0.0				739
3362.02	1	10	03	028	052	Secondary flake	1	0.0	Grey chert			729
** Subtotal **							10	5.6				
** Context 3368.02												
3368.02	1		02	09		089 Shell	1	0.0	Clam			730
3368.02	1		02	09		089 Shell	1	0.0	Oyster			731
3368.02	1		98			115 Bark	4	0.0				732
** Subtotal **							6	0.0				
** Context 3371.02												
3371.02	1		01	01		004 Ironstone	2	0.0	Spalls			733
3371.02	1		02	09		089 Shell	2	0.0	Oyster			734
** Subtotal **							4	0.0				
** Context 3372.02												
3372.02	1		01	01		003 Redware	3	0.0	Eroded			735
3372.02	1		02	09		089 Shell	1	0.0	Clam			736
3372.02	1		02	09		089 Shell	7	0.0	Oyster			737
3372.02	1		10	02		126 Fire-cracked rock	1	0.0				738
** Subtotal **							12	0.0				
** Context 3374.02												
3374.02	1		02	09		089 Shell	1	0.0	Clam			740
3374.02	1		02	09		089 Shell	1	0.0	Oyster			741
** Subtotal **							2	0.0				
** Context 3374.03												
3374.03	1		10	02		126 Fire-cracked rock	1	0.0				742
** Subtotal **							1	0.0				
** Context 3375.02												
3375.02	1		02	09		089 Shell	2	0.0	Clam			743
3375.02	1		02	09		089 Shell	2	0.0	Oyster			744
3375.02	1		09	11		028 Miscellaneous hardware	6	0.0	Rusted & corroded			745
3375.02	1		10	02	013	083 Pottery	1	22.1	Incised exterior			747
3375.02	1		10	02	013	083 Pottery	1	11.5	Incised exterior			748
3375.02	1		10	02		126 Fire-cracked rock	1	0.0				746
3375.02	1		10	03	028	051 Secondary flake	1	0.0	Jasper			749
3375.02	1		10	03	028	052 Secondary flakes	2	0.0	Grey chert			750
** Subtotal **							16	33.6				
** Context 3376.02												
3376.02	1		01	01		004 Ironstone	1	0.0				753
3376.02	1		02	09		089 Shell	2	0.0	Clam			751
3376.02	1		02	09		089 Shell	5	0.0	Oyster			752
3376.02	1		10	02		126 Fire-cracked rock	1	0.0				754
3376.02	1		10	03	028	052 Secondary flakes	2	0.0	Grey chert Dried out			755
** Subtotal **							11	0.0				
** Context 3378.02												
3378.02	1		02	09		089 Shell	1	0.0	Clam			756
3378.02	1		02	09		089 Shell	1	0.0	Oyster			757
3378.02	1		10	02		126 Fire-cracked rock	1	0.0				758
** Subtotal **							3	0.0				

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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Context 3379.02												
3379.02	1	02	09			089 Shell	1	0.0	Clam			759
3379.02	1	03	06	015		069 Brick	1	0.0	Red			760
** Subtotal **							2	0.0				
** Context 3380.02												
3380.02	1	01	01	038	003	Redware	44	0.0	Pie plate Crenulated rim-1 Clear glaze			761
3380.02	1	01	02			078 Container glass	1	0.0	Clear			762
** Subtotal **							45	0.0				
** Context 3382.02												
3382.02	1	02	09			089 Shell	1	0.0	Clam			763
3382.02	1	02	09			089 Shell	1	0.0	Oyster			762
3382.02	1	10	03	032	054	Tested piece	2	0.0	Mend Quartzite			765
** Subtotal **							4	0.0				
** Context 3383.02												
3383.02	1	02	09			089 Shell	1	0.0	Clam			766
3383.02	1	02	09			089 Shell	4	0.0	Oyster			767
** Subtotal **							5	0.0				
** Context 3384.02												
3384.02	1	02	09			089 Shell	1	0.0	Clam			768
3384.02	1	02	09			089 Shell	3	0.0	Oyster			769
3384.02	1	03	01	001	078	Flat glass	1	0.0	Deep aqua			770
3384.02	1	10	02	013	083	Pottery	1	15.6				774
3384.02	1	10	02	013	083	Pottery	1	7.7	Punctated exterior			775
3384.02	1	10	02	013	083	Pottery	1	7.1				776
3384.02	1	10	02	013	083	Pottery	1	4.0	Punctated exterior			777
3384.02	1	10	02	013	083	Pottery	1	4.1	Punctated exterior			778
3384.02	1	10	02	013	083	Pottery	1	3.5	Punctated exterior			779
3384.02	1	10	02	013	083	Pottery	1	2.9	Punctated exterior			780
3384.02	1	10	02	013	083	Pottery	1	1.7	Punctated exterior			781
3384.02	1	10	02	013	083	Pottery	1	3.1	Punctated exterior			782
3384.02	1	10	02	013	083	Pottery	1	1.9	Punctated exterior			783
3384.02	1	10	02	013	083	Pottery	1	1.4	Punctated exterior			784
3384.02	1	10	02	013	083	Pottery	1	1.3	Punctated exterior			785
3384.02	1	10	02	013	083	Pottery	1	2.0	Punctated exterior			786
3384.02	1	10	02	013	083	Pottery	1	5.5	Incised line exterior			787
3384.02	1	10	02	013	083	Pottery	1	5.4	Incised line exterior			788
3384.02	1	10	02	013	083	Pottery	1	1.1	Incised line exterior			789
3384.02	1	10	02	013	083	Pottery	1	1.0				790
3384.02	1	10	02	013	083	Pottery	1	0.9	Incised line exterior?			791
3384.02	1	10	02	013	083	Pottery	1	1.8	Punctated exterior			792
3384.02	1	10	02	013	083	Pottery	1	0.9				793
3384.02	1	10	02	013	083	Pottery	1	0.3				794
3384.02	1	10	02	013	083	Pottery	1	0.6	Possibly punctated along exterior edge			795
3384.02	1	10	02	013	083	Pottery	1	0.4	Punctated exterior			796
3384.02	1	10	02	013	083	Pottery	1	0.7	Incised line exterior			797
3384.02	1	10	02	013	083	Pottery	1	1.8				798
3384.02	1	10	02	013	083	Pottery	1	1.3	Punctated exterior			799
3384.02	1	10	02	013	083	Pottery	1	5.2				800
3384.02	1	10	02		126	Fire-cracked rock	4	0.0				771
3384.02	1	10	03	028	052	Secondary flake	1	0.0	Grey chert			772
3384.02	1	10	03	028	052	Secondary flake	1	0.0	Black chert			773
** Subtotal **							38	83.2				
** Context 3385.02												
3385.02	1	02	09			089 Shell	1	0.0	Clam			801
3385.02	1	02	09			089 Shell	14	0.0	Oyster			802
3385.02	1	10	02			126 Fire-cracked rock	1	0.0				803
3385.02	1	10	03	028	051	Secondary flake	1	0.0	Jasper			804
** Subtotal **							17	0.0				
** Context 3386.02												
3386.02	1	01	01			003 Redware	1	0.0	Spall Clear glaze			805

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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
3386.02	1	03	02		028	Nails	2	0.0	Rusted & corroded			806
3386.02	1	98			095	Coal	1	0.0				807
** Subtotal **							4	0.0				
** Context 3390.02	3390.02	1	01	01		003 Yellowware	1	0.0	Red slipped exterior White slipped exterior Clear glaze exterior Brown annular exterior Unglazed interior			808
3390.02	1	01	02		078	Container glass	2	0.0	Olive green			809
3390.02	1	02	09		089	Shell	2	0.0	Clam			810
3390.02	1	10	02		126	Fire-cracked rock	1	0.0				811
** Subtotal **							6	0.0				
** Context 3391.02	3391.02	1	01	01		004 Ironstone	4	0.0	Spalls			812
3391.02	1	02	09		089	Shell	1	0.0	Clam			813
3391.02	1	02	09		089	Shell	2	0.0	Oyster			814
3391.02	1	10	02		126	Fire-cracked rock	1	0.0				815
** Subtotal **							8	0.0				
** Context 3392.02	3392.02	1	10	02		126 Fire-cracked rock	1	0.0				816
** Subtotal **							1	0.0				
** Context 3394.02	3394.02	1	01	01	001	002 Stoneware	1	0.0	Base Salt glazed interior & exterior Greyish white			817
3394.02	1	01	01		004	Ironstone	2	0.0	Spalls			818
3394.02	1	02	09		089	Shell	3	0.0	Clam			819
3394.02	1	10	03	028	052	Secondary flake	1	0.0	Dark grey chert			820
** Subtotal **							7	0.0				
** Context 3395.02	3395.02	1	10	03	028	052 Secondary flake	1	0.0	Dark grey chert			821
** Subtotal **							1	0.0				
** Context 3398.02	3398.02	1	02	09		089 Shell	2	0.0	Clam			822
3398.02	1	02	09		089	Shell	1	0.0	Oyster			823
3398.02	1	10	03	028	052	Secondary flake	1	0.0	Grey chert			824
** Subtotal **							4	0.0				
** Context 3399.02	3399.02	1	02	09		089 Shell	1	0.0	Clam			825
3399.02	1	10	02		126	Fire-cracked rock	1	0.0	Quartz			826
** Subtotal **							2	0.0				
** Context 3401.02	3401.02	1	02	09		089 Shell	2	0.0	Oyster			827
3401.02	1	10	03	028	051	Secondary flake	1	0.0	Jasper			828
** Subtotal **							3	0.0				
** Context 3402.02	3402.02	1	01	01		003 Redware	1	0.0	Base No glaze			829
3402.02	1	02	09		089	Shell	1	0.0	Clam			831
3402.02	1	02	09		089	Shell	1	0.0	Oyster			832
3402.02	1	04	03	019	078	Lighting glass	1	0.0	Clear			830
** Subtotal **							4	0.0				

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Context	Area	Gp	Cl	Mph	Mat	Identity	Count	Weight	Comments	Reference	Range	Cat#
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
** Context	3406.02											
3406.02	1	02	09		089	Shell	3	0.0	Oyster			833
3406.02	1	10	02		126	Fire-cracked rock	2	0.0				834
** Subtotal **							5	0.0				
** Context	3410.02											
3410.02	1	02	09		089	Shell	1	0.0	Clam			835
3410.02	1	10	02	013	081	Pottery	1	0.8				836
** Subtotal **							2	0.8				
** Context	3412.02											
3412.02	1	01	01	001	002	Stoneware	1	0.0	White salt glazed Pedestaled base			837
3412.02	1	02	09		089	Shell	1	0.0	Clam			838
3412.02	1	02	09		089	Shell	1	0.0	Oyster			839
3412.02	1	98			095	Coal	1	0.0				840
** Subtotal **							4	0.0				
** Context	3413.02											
3413.02	1	09	11	044	028	Spring	1	0.0	Corroded			841
** Subtotal **							1	0.0				
** Context	3415.02											
3415.02	1	01	01		003	Redware?	1	0.0	Eroded			843
3415.02	1	01	01		004	Ironstone	1	0.0	Rim			842
3415.02	1	02	09		089	Shell	5	0.0	Oyster			844
3415.02	1	10	02		126	Fire-cracked rock	1	0.0	Quartzite			845
3415.02	1	10	03	028	052	Secondary flakes	3	0.0	Grey chert			846
** Subtotal **							11	0.0				
** Context	3416.02											
3416.02	1	01	01		004	Ironstone	1	0.0	Spall Underglaze handpainted red exterior			847
3416.02	1	01	02		078	Container glass	1	0.0	Clear			849
3416.02	1	02	09		089	Shell	5	0.0	Oyster			848
3416.02	1	03	06	015	069	Brick	1	0.0	Red			850
3416.02	1	10	03	028	051	Secondary flake	1	0.0	Jasper			851
** Subtotal **							9	0.0				
** Context	3417.02											
3417.02	1	01	01		003	Redware	1	0.0	Clear glaze exterior			852
3417.02	1	01	01		003	Redware?	1	0.0	Eroded			853
3417.02	1	01	02		078	Container glass	1	0.0	Clear			854
3417.02	1	02	09		089	Shell	1	0.0	clam			855
3417.02	1	02	09		089	Shell	1	0.0	Oyster			856
3417.02	1	03	02		028	Nails	3	0.0	Rusted & corroded			857
3417.02	1	03	05		028	Structural hardware	1	0.0	Rusted & corroded Shape: Square w/hole			858
3417.02	1	04	03	019	078	Lighting glass	2	0.0	Clear			859
3417.02	1	98			128	Charcoal	1	0.0				860
** Subtotal **							12	0.0				
** Context	3419.02											
3419.02	1	03	02		028	Nail	1	0.0	Rusted & corroded			861
3419.02	1	03	06	015	069	Brick	1	0.0	Red			862
3419.02	1	08	01		062	Tobacco pipe	1	0.0	Stem			863
3419.02	1	09	11		028	Miscellaneous hardware	2	0.0	Rusted & corroded			864
3419.02	1	98			095	Coal	2	0.0				865
** Subtotal **							7	0.0				
** Context	3420.02											
3420.02	1	02	09		089	Shell	1	0.0	Oyster			866
3420.02	1	10	03	031	051	Blank	1	0.0	Jasper			867
** Subtotal **							2	0.0				

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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Context 3421.02	3421.02	1	01	02		002 Stoneware	1	0.0	Salt glazed interior Cobalt blue and brown glazed & molded exterior			868
** Subtotal **							1	0.0				
** Context 3422.02	3422.02	1	02	09		089 Shell	2	0.0	Clam			869
3422.02	1	03	02			028 Nails	2	0.0	Rusted & corroded			870
3422.02	1	10	02			126 Fire-cracked rock	1	0.0	Quartzite Worn notch			871
** Subtotal **							5	0.0				
** Context 3423.02	3423.02	1	01	01		003 Redware	1	0.0	Clear glaze interior & exterior			874
3423.02	1	01	01			003 Redware?	1	0.0	Eroded			875
3423.02	1	01	01	031		004 Ironstone	1	0.0				872
3423.02	1	01	02			078 Container glass	1	0.0	Brown			873
3423.02	1	02	09			089 Shell	1	0.0	Oyster			876
3423.02	1	09	11			028 Miscellaneous hardware	1	0.0	Rusted & corroded			877
3423.02	1	10	03	028		051 Secondary flake	1	0.0	Jasper			879
3423.02	1	98				095 Coal	1	0.0				878
** Subtotal **							8	0.0				
** Context 3425.03	3425.03	1	10	02		126 Fire-cracked rock	1	0.0				880
** Subtotal **							1	0.0				
** Context 3426.02	3426.02	1	09	11		008 Plastic	1	0.0	White			883
3426.02	1	09	11			028 Miscellaneous hardware	1	0.0	Rusted & corroded			881
3426.02	1	09	11			028 Miscellaneous hardware	1	0.0	Rusted & corroded Strap shape			882
** Subtotal **							3	0.0				
** Context 3427.02	3427.02	1	01	01		001 Porcelain	1	0.0				884
** Subtotal **							1	0.0				
** Context 3430.02	3430.02	1	01	01		004 Ironstone	2	0.0	Spalls			885
** Subtotal **							2	0.0				
** Context 3433.02	3433.02	1	09	11		028 Miscellaneous hardware	1	0.0	Rusted & corroded			888
3433.02	1	98				112 Slag	12	0.0				886
3433.02	1	98				112 Slag	5	0.0				887
** Subtotal **							18	0.0				
** Context 3434.02	3434.02	1	01	01		003 Redware	1	0.0	Jackfield glaze interior & exterior			889
3434.02	1	03	02			028 Nail	1	0.0	Rusted & corroded			890
3434.02	1	09	11			028 Miscellaneous hardware	5	0.0	Rusted & corroded			891
3434.02	1	98				095 Coal	1	0.0				892
3434.02	1	98				112 Slag	2	0.0				893
** Subtotal **							10	0.0				
** Context 3435.02	3435.02	1	01	02		002 Stoneware	1	0.0	Salt glazed exterior Light brown slip interior			894
** Subtotal **							1	0.0				

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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Context 3437.02												
3437.02	1		01	01		003 Redware	1	0.0	Clear glaze			895
3437.02	1		01	01		003 Redware?	1	0.0	Eroded			896
3437.02	1		09	11		028 Miscellaneous hardware	1	0.0	Rusted & corroded			897
3437.02	1		10	03	028	051 Secondary flake	1	0.0	Jasper			898
** Subtotal **							4	0.0				
** Context 3439.02												
3439.02	1		09	11		028 Miscellaneous hardware	2	0.0	Rusted & corroded			899
3439.02	1		98			112 Slag	3	0.0				900
** Subtotal **							5	0.0				
** Context 3440.01												
3440.01	1		03	02		028 Nails	4	0.0	Rusted & corroded			901
3440.01	1		03	06	015	069 Brick	2	0.0	Red			902
3440.01	1		98			112 Slag	2	0.0				903
3440.01	1		98			112 Slag	3	0.0				904
** Subtotal **							11	0.0				
** Context 3440.02												
3440.02	1		01	01	001	004 Ironstone	2	0.0	Mend Plate base			905
** Subtotal **							2	0.0				
** Context 3441.02												
3441.02	1		01	01		003 Redware	1	0.0	Jackfield glaze			906
3441.02	1		01	01		004 Ironstone	1	0.0	Underglaze transfer print blue exterior			907
3441.02	1		03	02		028 Nails	4	0.0	Rusted & corroded			908
3441.02	1		98			095 Coal	1	0.0				909
** Subtotal **							7	0.0				
** Context 3442.02												
3442.02	1		01	02		078 Container glass	1	0.0	Light aqua			910
3442.02	1		02	09		089 Shell	1	0.0	Oyster			911
** Subtotal **							2	0.0				
** Context 3444.02												
3444.02	1		10	03	028	052 Secondary flake	1	0.0	Grey chert			912
** Subtotal **							1	0.0				
** Context 3445.02												
3445.02	1		03	02		028 Nail	1	0.0	Rusted & corroded			913
3445.02	1		09	11		034 Miscellaneous hardware	2	0.0	Rusted & corroded			914
** Subtotal **							3	0.0				
** Context 3446.02												
3446.02	1		01	01	031	003 Yellowware	1	0.0	Base Clear glaze interior Unglazed base exterior			915
** Subtotal **							1	0.0				
** Context 3447.02												
3447.02	1		10	03	028	051 Secondary flakes	2	0.0	Jasper			916
3447.02	1		98			112 Slag	1	0.0				917
** Subtotal **							3	0.0				
** Context 3448.02												
3448.02	1		01	01		004 Ironstone	1	0.0	Spall			918
** Subtotal **							1	0.0				
** Context 3453.02												
3453.02	1		10	03	028	051 Secondary flake	1	0.0	Jasper			919
3453.02	1		10	03	028	052 Secondary flake	1	0.0	Grey chert			920

ARTIFACT INVENTORY, AREA 2
Waterfront Commons Phase 1B
Staten Island
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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Subtotal **							2	0.0				
** Context 3458.02												
3458.02	1		02	09		089 Shell	2	0.0	Clam			921
3458.02	1		02	09		089 Shell	1	0.0	Oyster			922
3458.02	1		10	02		126 Fire-cracked rock	11	0.0				923
** Subtotal **							14	0.0				
** Context 3459.02												
3459.02	1		01	01		003 Redware	1	0.0	Jackfield glaze interior & exterior			924
3459.02	1		01	01		003 Redware?	1	0.0	Rim Clear glaze			925
3459.02	1		01	02		078 Container glass	2	0.0	Olive green			926
3459.02	1		01	02		078 Container glass	1	0.0	Pale olive green			927
3459.02	1		02	09		089 Shell	2	0.0	Oyster			928
3459.02	1		10	02	013	083 Pottery	1	2.6				929
3459.02	1		10	03	028	051 Secondary flake	1	0.0	Jasper			930
3459.02	1		98			095 Coal	2	0.0				931
** Subtotal **							11	2.6				
** Context 3461.02												
3461.02	1		10	02		126 Fire-cracked rock	1	0.0				932
** Subtotal **							1	0.0				
** Context 3462.02												
3462.02	1		02	09		089 Shell	3	0.0	Clam			933
3462.02	1		02	09		089 Shell	1	0.0	Oyster			934
3462.02	1		03	06	015	069 Brick	2	0.0	Red			935
3462.02	1		10	02		126 Fire-cracked rock	2	0.0				936
3462.02	1		10	03	028	052 Secondary flake	1	0.0	Grey chert			937
** Subtotal **							9	0.0				
** Context 3465.02												
3465.02	1		10	02		126 Fire-cracked rock	3	0.0				938
** Subtotal **							3	0.0				
** Context 3468.02												
3468.02	1		01	01		004 Ironstone	3	0.0	Underglaze handpainted blue interior & exterior			940
3468.02	1		02	09		089 Shell	1	0.0	Oyster			939
** Subtotal **							4	0.0				
*** Total ***							1156	142.3				

Area 2
Artifact Database

ARTIFACT INVENTORY, AREA 2
Waterfront Commons Phase 1B
Staten Island
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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Context 3036.02	2	03	02			028 Nail	1	0.0	Wire, rusted & corroded			42
** Subtotal **							1	0.0				
** Context 3037.01	2	01	02			078 Container glass	1	0.0	Clear			43
3037.01	2	01	02			078 Container glass	1	0.0	Clear			48
									Mold seam?			
3037.01	2	03	01	001		078 Flat glass	1	0.0	Pale green tint			44
3037.01	2	03	01	001		078 Flat glass	1	0.0	Aqua			45
3037.01	2	04	04	005		078 Mirror	1	0.0				46
3037.01	2	09	11			008 Plastic	1	0.0	Black, Flat fragment			47
** Subtotal **							6	0.0				
** Context 3038.01	2	01	02			078 Container glass	1	0.0	Brown			50
3038.01	2	01	02			078 Container glass	2	0.0	Clear			51
3038.01	2	03	01	001		078 Flat glass	1	0.0	Green tint			52
3038.01	2	09	11			028 Metal	4	0.0	Rusted & corroded			49
3038.01	2	09	11			028 Metal	1	0.0	Rusted & corroded			53
									Bent			
** Subtotal **							9	0.0				
** Context 3039.01	2	01	02			078 Bottle glass	2	0.0	Clear			54
3039.01	2	01	02						Base			
									Embossed: "...I..." or H			
** Subtotal **							2	0.0				
** Context 3040.01	2	01	02			078 Container glass	2	0.0	Brown			55
3040.01	2	01	02			078 Container glass	1	0.0	1 piece stippled			56
									Clear			
									Base heel?			
** Subtotal **							3	0.0				
** Context 3041.01	2	01	02			078 Container glass	1	0.0	Kelly green			57
3041.01	2	01	02				1	0.0				
** Subtotal **							1	0.0				
** Context 3042.01	2	01	02			078 Container glass	1	0.0	Clear			58
3042.01	2	01	02				1	0.0				
** Subtotal **							1	0.0				
** Context 3043.01	2	01	02			078 Container glass	1	0.0	Clear fragment			59
3043.01	2	01	02				1	0.0				
** Subtotal **							1	0.0				
** Context 3045.01	2	07	01			025 Coin	1	0.0	Corroded, bronze disease			60
3045.01	2	07	01						Not U.S.			
** Subtotal **							1	0.0				
** Context 3048.01	2	01	01			004 Ironstone	1	0.0	Spall			61
3048.01	2	01	01				1	0.0				
** Subtotal **							1	0.0				
** Context 3051.01	2	03	02			028 Nail	1	0.0	Wire			62
3051.01	2	03	02						Rusted & corroded			
** Subtotal **							1	0.0				
** Context 3052.01	2	01	02			078 Container glass	3	0.0	Aqua			63
3052.01	2	01	02			078 Bottle glass	13	0.0	Clear			64
									4 pieces embossed			
									Base embossed: "29/E/J"			
									(J is very large)			
									Base piece continues on			
									body: "HALF/MTC"			
									Mends w/pcs embossed:			
									(together)"..BOK..N,			
									N/REGISTERED", 1 piece			
									embossed in lg. font			
									"...NSS.."			

ARTIFACT INVENTORY, AREA 2
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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Subtotal **							16	0.0				
** Context 3056.01												
3056.01	2	03	01	001	078	Flat glass	1	0.0	Pale green tint			67
3056.01	2	09	11		024	Copper	1	0.0	Folded & corroded			66
3056.01	2	98	00		095	Coal	1	0.0				65
** Subtotal **							3	0.0				
** Context 3058.01												
3058.01	2	01	01		004	Ironstone	1	0.0	Blue glaze exterior Light blue glaze interior			68
3058.01	2	01	02		078	Container glass	1	0.0	Kelly green			69
3058.01	2	01	02		078	Container glass	1	0.0	Brown			70
** Subtotal **							3	0.0				
** Context 3059.01												
3059.01	2	01	02		078	Bottle glass	2	0.0	Brown 1 fragment rim & shoulder Screw top Machine made	Jones & Sullivan 1985:39	1904+	71
3059.01	2	01	02		078	Container glass	2	0.0	Clear fragments			72
3059.01	2	03	01	001	078	Flat glass	2	0.0	Aqua tint			73
3059.01	2	03	06	015	069	Brick	1	0.0	Orange-red fragment			74
** Subtotal **							7	0.0				
** Context 3060.01												
3060.01	2	01	02		078	Bottle glass	1	0.0	Complete Brown Base embossed: "15711/NB 4 78" w/parallel ellipse pattern in ring around perimeter Screw top Machine made	Jones & Sullivan 1985:39	1904+	75
** Subtotal **							1	0.0				
** Context 3063.01												
3063.01	2	03	01	001	078	Flat glass	2	0.0	Clear			76
** Subtotal **							2	0.0				
** Context 3064.01												
3064.01	2	01	02	045	029	Pull tab	1	0.0	Can opener			79
3064.01	2	01	02	047	029	Bottle cap	1	0.0	Pepsi soda screw top Probably a 2 liter			80
3064.01	2	01	02		078	Container glass	1	0.0	Kelly green			77
3064.01	2	01	02		078	Container glass	3	0.0	Brown fragments			78
** Subtotal **							6	0.0				
** Context 3066.01												
3066.01	2	01	02		078	Container glass	1	0.0	Clear fragment			81
3066.01	2	03	02		028	Nail	1	0.0	Rusted & corroded Wire nail			82
** Subtotal **							2	0.0				
** Context 3070.01												
3070.01	2	01	02		078	Container glass	1	0.0	Brown fragment			83
3070.01	2	01	02		078	Container glass	1	0.0	Clear fragment			84
** Subtotal **							2	0.0				
** Context 3070.02												
3070.02	2	01	02		078	Container glass	1	0.0	Clear fragment			85
** Subtotal **							1	0.0				
** Context 3075.01												
3075.01	2	02	09		089	Shell	1	0.0	Clam			87
3075.01	2	03	01	001	078	Flat glass	1	0.0	Clear			86
** Subtotal **							2	0.0				

ARTIFACT INVENTORY, AREA 2
Waterfront Commons Phase 1B
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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Context 3076.01												
3076.01	2	01	02			078 Container glass	3	0.0	Clear fragments			88
** Subtotal **							3	0.0				
** Context 3076.03												
3076.03	2	01	01			004 Ironstone	1	0.0	Base w/partial maker's mark stamped underglaze green			91
3076.03	2	01	02			078 Container glass	4	0.0	Clear			90
3076.03	2	03	01	001		078 Flat glass	2	0.0	Clear			89
** Subtotal **							7	0.0				
** Context 3077.02												
3077.02	2	01	01			001 Porcelain	1	0.0	Base			92
3077.02	2	01	01			004 Ironstone	1	0.0	Spall			93
3077.02	2	03	06	012		004 Tile	4	0.0	Turquoise glaze Embossed: "p" "...ROM..."			94
3077.02	2	09	11			008 Plastic	1	0.0	Light green rim fragment			95
3077.02	2	09	11			008 Plastic	1	0.0	Interior: yellow & turquoise over white paint Exterior: clear plastic Embossed w/irregular prism pattern			96
** Subtotal **							8	0.0				
** Context 3078.01												
3078.01	2	01	02			078 Container glass	1	0.0	clear fragment			97
3078.01	2	03	05	026		003 Drainpipe	1	0.0	Drain pipe fragment			98
** Subtotal **							2	0.0				
** Context 3079.01												
3079.01	2	04	01	002	028	Handle	1	0.0	Large heavy handle 3 holes for screws, equidistant Rusted			99
** Subtotal **							1	0.0				
** Context 3080.01												
3080.01	2	01	02			078 Container glass	1	0.0	Clear			101
3080.01	2	03	01	001		078 Flat glass	1	0.0	Clear			100
** Subtotal **							2	0.0				
** Context 3084.01												
3084.01	2	01	02			078 Container glass	1	0.0	Clear fragment			102
** Subtotal **							1	0.0				
** Context 3086.01												
3086.01	2	03	05	036	003	Drainpipe	1	0.0	Brown glaze			104
** Subtotal **							1	0.0				
** Context 3086.02												
3086.02	2	04	04	002	003	Flowerpot	2	0.0	Orange-red			103
** Subtotal **							2	0.0				
** Context 3088.01												
3088.01	2	01	02			078 Container glass	3	0.0	Clear fragments			105
3088.01	2	07	02			032 Turn key	1	0.0	Embossed: "TAIWAN" to clock?			106
** Subtotal **							4	0.0				
** Context 3089.01												
3089.01	2	01	02			078 Bottle glass	2	0.0	Brown Base-1 Embossed: "04" Parallel ellipse pattern at perimeter			107

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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Subtotal **							2	0.0				
** Context 3090.02	2	01	02			078 Container glass	3	0.0	Brown fragments			108
** Subtotal **							3	0.0				
** Context 3091.02	2	01	01			078 Drinking glass	1	0.0	Rim			110
3091.02	2	01	02			078 Container glass	1	0.0	Clear			109
** Subtotal **							2	0.0				
** Context 3093.01	2	01	02			008 Cup cover	1	0.0	Cream color plastic			112
3093.01	2	01	02			078 Container glass	1	0.0	Embossed: "PS/76"			111
** Subtotal **							2	0.0				
** Context 3095.01	2	01	02			078 Container glass	1	0.0	Brown fragments			113
** Subtotal **							1	0.0				
** Context 3095.02	2	01	02			078 Bottle glass	1	0.0	Kelly green			114
3095.02	2	09	11	001	166	Twine	1	0.0	Neck & lip complete 7 Up sticker Embossed: "Y/54" along collar			115
** Subtotal **							2	0.0				
** Context 3097.01	2	01	02			078 Container glass	1	0.0	Clear fragment			116
3097.01	2	03	02			028 Nail	1	0.0	Wire Rusted & corroded Bent			117
** Subtotal **							2	0.0				
** Context 3097.02	2	03	02			028 Nail	1	0.0	Wire Rusted & corroded			118
** Subtotal **							1	0.0				
** Context 3098.01	2	01	02			078 Container glass	1	0.0	Dark green fragment			120
3098.01	2	03	01	001		078 Flat glass	1	0.0	Aqua tint			119
** Subtotal **							2	0.0				
** Context 3098.02	2	01	02			078 Container glass	2	0.0	Brown fragments			121
3098.02	2	01	02			078 Bottle glass	2	0.0	Kelly green 1 embossed: "24"			122
** Subtotal **							4	0.0				
** Context 3101.01	2	01	02			078 Container glass	1	0.0	Light green tint			123
** Subtotal **							1	0.0				
** Context 3104.01	2	01	02			078 Container glass	1	0.0	Brown fragment			124
** Subtotal **							1	0.0				
** Context 3107.01	2	01	02			078 Container glass	1	0.0	Clear Panel			125

ARTIFACT INVENTORY, AREA 2
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Staten Island
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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Subtotal **							1	0.0				
** Context 3108.01												
3108.01	2	01	02			078 Bottle glass	1	0.0	Clear Stippled			126
3108.01	2	09	11			028 Metal	1	0.0	Rusted & corroded Heavy			127
** Subtotal **							2	0.0				
** Context 3108.02												
3108.02	2	01	02			078 Container glass	3	0.0	Clear fragments			128
** Subtotal **							3	0.0				
** Context 3109.02												
3109.02	2	03	01	001	078	Flat glass	1	0.0	Clear fragment			129
3109.02	2	10	03	027	051	Primary flake	1	0.0	Jasper Partial cortex			130
** Subtotal **							2	0.0				
** Context 3110.01												
3110.01	2	02	09			089 Shell	1	0.0	Oyster			131
3110.01	2	03	02			028 Nail	1	0.0	Rusted & corroded			133
3110.01	2	03	06	015	069	Brick	1	0.0	Brown-red Stamped: "...A..."			132
** Subtotal **							3	0.0				
** Context 3112.02												
3112.02	2	01	02			002 Stoneware	1	0.0	Buff paste Albany slipped interior & exterior			137
3112.02	2	01	02			078 Container glass	1	0.0	Brown fragment			134
3112.02	2	01	02			078 Bottle glass	1	0.0	Clear Stippled			136
3112.02	2	02	09			089 Shell	1	0.0	Clam			135
** Subtotal **							4	0.0				
** Context 3113.02												
3113.02	2	03	01	001	078	Flat glass	1	0.0	Clear fragment			138
3113.02	2	03	06	015	069	Brick	1	0.0	Orange fragment			139
** Subtotal **							2	0.0				
** Context 3119.01												
3119.01	2	02	09			089 Shell	2	0.0	Clam fragments			140
3119.01	2	02	09			089 Shell	5	0.0	Oyster			141
3119.01	2	02	09			089 Shell	1	0.0	Different species			142
** Subtotal **							8	0.0				
** Context 3122.01												
3122.01	2	01	02			078 Container glass	1	0.0	Clear fragment			143
3122.01	2	98	00			095 Coal	1	0.0				144
** Subtotal **							2	0.0				
** Context 3129.01												
3129.01	2	03	01	001	078	Flat glass	2	0.0	Pale green tint			145
** Subtotal **							2	0.0				
** Context 3133.02												
3133.02	2	03	06	015	069	Brick	1	0.0	Orange fragment			146
** Subtotal **							1	0.0				
** Context 3140.03												
3140.03	2	09	11	033	078	Auto glass	1	0.0	Green tint			147
** Subtotal **							1	0.0				
** Context 3141.01												
3141.01	2	02	09			089 Shell	1	0.0	Oyster			148
3141.01	2	02	09			089 Shell	1	0.0	Oyster			149

ARTIFACT INVENTORY, AREA 2
Waterfront Commons Phase 1B
Staten Island
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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
3141.01	2	02	09			089 Shell	1	0.0	Clam			150
3141.01	2	03	02			028 Nail	2	0.0	Rusted & corroded			151
** Subtotal **							5	0.0				
** Context 3536.01												
3536.01	2	01	02			078 Container glass	1	0.0	Clear			1229
3536.01	2	03	01	001		078 Flat glass	1	0.0	Clear			1230
3536.01	2	07	01	023	025	Coin	1	0.0	U.S. One Cent (penny) Corroded			1231
** Subtotal **							3	0.0				
** Context 3538.01												
3538.01	2	01	02			078 Container glass	1	0.0	Clear			1232
3538.01	2	02	09			089 Shell	1	0.0	Clam			1233
** Subtotal **							2	0.0				
*** Total ***							167	0.0				

Area 3
Artifact Database

ARTIFACT INVENTORY, AREA 3
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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Context 3142.02												
3142.02	3	01	02			078 Container glass	1	0.0	Dark green fragment			153
3142.02	3	01	02			078 Container glass	1	0.0	Brown			154
3142.02	3	02	09			089 Shell	2	0.0	Oyster			152
** Subtotal **							4	0.0				
** Context 3144.03												
3144.03	3	01	02			078 Container glass	3	0.0	Clear Thin fragments			155
** Subtotal **							3	0.0				
** Context 3149.01												
3149.01	3	02	09			089 Shell	2	0.0	Oyster			156
3149.01	3	03	05	026	002	Drainpipe	1	0.0	Grey paste Brown glaze interior & exterior			157
** Subtotal **							3	0.0				
*** Total ***							10	0.0				

Area 4
Artifact Database

ARTIFACT INVENTORY, AREA 4
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Context 3256.01												
3256.01	4	01	02	015	078	Jar glass	1	0.0	Clear Rim & body fragment Snap top lip			524
3256.01	4	03	01	001	078	Flat glass	3	0.0	Pale green tint			522
3256.01	4	03	06	012	004	Tile	1	0.0	White glaze Unglazed underside embossed design			523
** Subtotal **							5	0.0				
** Context 3257.02												
3257.02	4	03	06	012	004	Tile	1	0.0	Robbin's egg blue glaze			525
** Subtotal **							1	0.0				
** Context 3258.01												
3258.01	4	01	02	006	078	Bottle glass	1	0.0	Clear Embossed: "QUAR.../...TERE"			526
** Subtotal **							1	0.0				
** Context 3258.03												
3258.03	4	01	02			078 Container glass	1	0.0	Aqua fragment			527
** Subtotal **							1	0.0				
** Context 3270.02												
3270.02	4	01	02			078 Container glass	1	0.0	Aqua			530
3270.02	4	01	02			078 Container glass	1	0.0	Amethyst			532
3270.02	4	03	01	001	078	Flat glass	1	0.0	Aqua tint			529
3270.02	4	03	01	001	078	Flat glass	1	0.0	Clear			531
3270.02	4	09	11			028 Metal	1	0.0	Rusted & corroded			528
3270.02	4	09	11			028 Metal	1	0.0	Rusted & corroded strip			533
** Subtotal **							6	0.0				
** Context 3272.02												
3272.02	4	01	01			004 Ironstone	1	0.0	Undecorated body sherd			534
** Subtotal **							1	0.0				
** Context 3273.01												
3273.01	4	01	02			078 Container glass	1	0.0	Brown			535
3273.01	4	03	05	019	003	Drainage pipe	1	0.0				536
3273.01	4	03	06	026	101	Linoleum	1	0.0				537
** Subtotal **							3	0.0				
*** Total ***							18	0.0				

Area 5
Artifact Database

ARTIFACT INVENTORY, AREA 5
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Context 1001	1001	5	10	01	001	053 Projectile point	1	0.0	Area 5 Midsection Quartz			538
** Subtotal **							1	0.0				
** Context 3157.01	3157.01	5	01	02		078 Container glass	6	0.0	Clear fragments			158
3157.01	5	09	11	013	028 Screw		1	0.0	Rusted			159
** Subtotal **							7	0.0				
** Context 3158.01	3158.01	5	03	06		071 Concrete	1	0.0	Blue paint			160
** Subtotal **							1	0.0				
** Context 3158.04	3158.04	5	01	02		078 Container glass	1	0.0	Clear			161
3158.04	5	01	02		078 Container glass		1	0.0	Solarized			162
** Subtotal **							2	0.0				
** Context 3160.01	3160.01	5	01	02		078 Bottle glass	1	0.0	Clear			164
3160.01	5	03	02		028 Nail		2	0.0	Embossed: "4/..NV.." Rusted & corroded			163
** Subtotal **							3	0.0				
** Context 3162.01	3162.01	5	01	01	006	004 Ironstone	1	0.0	Rim fragment Underglaze transfer print blue interior & exterior chinoiserie			165
** Subtotal **							1	0.0				
** Context 3162.02	3162.02	5	01	01		003 Redware	2	0.0	Spalls Clear glaze eroded			168
3162.02	5	01	01		003 Redware		5	0.0	Incised exterior Jackfield glaze interior & exterior			169
3162.02	5	01	02		078 Container glass		1	0.0	Clear			166
3162.02	5	01	02		078 Container glass		2	0.0	Clear fragments			167
** Subtotal **							10	0.0				
** Context 3163.01	3163.01	5	03	01	001	078 Flat glass	1	0.0	Green tint			170
** Subtotal **							1	0.0				
** Context 3163.02	3163.02	5	01	02		078 Container glass	1	0.0	Clear			172
3163.02	5	02	01		017 Bone		1	0.0	Calcined			171
** Subtotal **							2	0.0				
** Context 3163.03	3163.03	5	02			017 Bone	1	0.0	Calcined			174
3163.03	5	03	01	001	078 Flat glass		1	0.0	Pale green tint			173
3163.03	5	09	11		028 Metal		1	0.0	Rusted & corroded			175
** Subtotal **							3	0.0				
** Context 3164.03	3164.03	5	01	02		078 Container glass	1	0.0	Clear			176
3164.03	5	10	03	028	055 Secondary flake		1	0.0	Basalt Dark grey			177
** Subtotal **							2	0.0				
** Context 3165.02	3165.02	5	01	01		003 Redware	1	0.0	Jackfield glaze interior & exterior			180
3165.02	5	01	02		078 Container glass		1	0.0	Clear			179

ARTIFACT INVENTORY, AREA 5
Waterfront Commons Phase 1B
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Context	Area	Gp	Cl	Mph	Mat	Identity	Count	Weight	Comments	Reference	Range	Cat#
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
3165.02	5	09	11		008	Plastic	3	0.0	White			178
** Subtotal **							5	0.0				
** Context 3165.04	5	01	01		003	Redware	1	0.0	Unglazed exterior			182
3165.04	5	01	01		003	Redware			Red slipped			
									White slip banded			
									Clear glaze			
3165.04	5	01	01		003	Creamware	1	0.0	Undecorated			184
3165.04	5	01	01		003	Creamware	1	0.0	Underglaze handpainted			185
									polychrome floral			
3165.04	5	01	01		004	Ironstone	1	0.0	Undecorated			188
3165.04	5	02	01		017	Mandible	1	0.0	Mammalian			189
						w/teeth			Herbivore			
3165.04	5	02	01		017	Bone	2	0.0	Long bones?			190
3165.04	5	02	09		089	Shell	2	0.0	Oyster			186
3165.04	5	02	09		089	Shell	1	0.0	Unidentified species			191
3165.04	5	03	01	001	078	Flat glass	1	0.0	Aqua tint			183
									Thin fragment			
3165.04	5	03	02		028	Nail	1	0.0	Rusted & corroded			181
3165.04	5	09	11		008	Plastic	1	0.0	White			187
3165.04	5	09	11		028	Metal	1	0.0	Rusted & corroded			192
									Heavy			
									Round head attached to			
									long body			
** Subtotal **							14	0.0				
** Context 3165.05	5	01	01		003	Redware	2	0.0	Jackfield glaze			195
3165.05	5	01	01		004	Ironstone	1	0.0	Underglaze blue, too			194
									small to determine			
									transfer or handpainted			
3165.05	5	02	09		089	Shell	1	0.0	Oyster			193
** Subtotal **							4	0.0				
** Context 3166.02	5	01	02		002	Stoneware	1	0.0	Buff paste			196
3166.02	5	01	02						Rim			
									Salt glazed interior &			
									exterior			
									White slipped interior &			
									exterior			
									Sponged blue exterior &			
									interior			
** Subtotal **							1	0.0				
** Context 3166.03	5	01	01		003	Redware	2	0.0	Jackfield glaze interior			198
3166.03	5	01	02		078	Container glass	1	0.0	& exterior			
3166.03	5	03	02		028	Nail	1	0.0	Olive green fragment			197
3166.03	5	98	00		112	Slag	1	0.0	Rusted & corroded			199
** Subtotal **							5	0.0				200
** Context 3166.05	5	01	01		003	Delftware	1	0.0	Blue tinted glaze			203
3166.05	5	01	01		004	Ironstone	1	0.0	Undecorated			205
3166.05	5	01	01		004	Ironstone	1	0.0	Undecorated			207
3166.05	5	01	02		078	Container glass	4	0.0	Undecorated			202
3166.05	5	01	02		078	Bottle glass	5	0.0	Olive green fragments			210
						w/stopper			Neck & lip of bottle			
									Aqua			
									Blob lip			
									Stopper: porcelain			
									Wire from collar present			
									Top of bottle stopper			
									inscribed: "L. KIEFER/			
									RIVERSIDE			
									BOTTLEWORKS/TOTTENVILLE			
									S.I."			
3166.05	5	02	09		089	Shell	1	0.0	Clam?			204
3166.05	5	03	01	001	078	Flat glass	2	0.0	Pale green tint			209
3166.05	5	03	02		028	Nail	1	0.0	Rusted & corroded			201
3166.05	5	03	06	015	069	Brick	1	0.0	Red fragment			208
3166.05	5	10	03	027	051	Primary flake	1	0.0	Jasper w/partial cortex			206

ARTIFACT INVENTORY, AREA 5
Waterfront Commons Phase 1B
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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Subtotal **							18	0.0				
** Context 3167.02	3167.02	5	01	02		078 Container glass	1	0.0	Clear Frosted			211
** Subtotal **							1	0.0				
** Context 3168.03	3168.03	5	01	01		004 Ironstone	1	0.0	Rim, undecorated			213
3168.03	5	01	01			004 Ironstone	1	0.0	Spall, undecorated			214
3168.03	5	01	01			004 Ironstone	1	0.0	Spall, undecorated			215
3168.03	5	02	09			089 Shell	2	0.0	Oyster			212
** Subtotal **							5	0.0				
** Context 3168.04	3168.04	5	01	01		004 Ironstone	1	0.0	Underglaze transfer print blue floral			219
3168.04	5	01	01			004 Ironstone	4	0.0	Two mend Underglaze handpainted blue floral Rim-1 Partial impressed maker's mark: "...M..." or "W"			229
3168.04	5	01	02			078 Container glass	7	0.0	Pale green tinted fragments			218
3168.04	5	01	02			078 Container glass	1	0.0	Light brown fragment			220
3168.04	5	01	02			078 Container glass	2	0.0	Clear fragments			222
3168.04	5	02				017 Bone	2	0.0	Small fragments			226
3168.04	5	02	01			017 Bone	1	0.0	Long bone mammal			225
3168.04	5	02	01			017 Bone	1	0.0	Spongy ephysial?			227
3168.04	5	02	09			089 Shell	1	0.0	Clam			221
3168.04	5	03	01	001		078 Flat glass	2	0.0	Pale aqua tint			216
3168.04	5	03	01	001		078 Flat glass	2	0.0	Aqua tint Very thin			223
3168.04	5	03	02			028 Nail	6	0.0	Very rusted & corroded			224
3168.04	5	09	11			028 Metal	1	0.0	Rusted & corroded			228
3168.04	5	10	03	027		051 Primary flake	1	0.0	Jasper w/partial cortex			217
** Subtotal **							32	0.0				
** Context 3168.05	3168.05	5	01	01		004 Ironstone	1	0.0	Underglaze handpainted blue floral			230
** Subtotal **							1	0.0				
** Context 3169.02	3169.02	5	02	09		089 Shell	1	0.0	Oyster			231
3169.02	5	02	09			089 Shell	1	0.0	Clam			232
3169.02	5	03	02			028 Nail	1	0.0	Rusted & corroded			233
3169.02	5	03	02			028 Nail	3	0.0	Rusted & corroded			234
3169.02	5	03	02			028 Nail	4	0.0	Rusted & corroded			235
** Subtotal **							10	0.0				
** Context 3169.03	3169.03	5	01	01		001 Porcelain	1	0.0	Base w/footring			274
3169.03	5	01	01			003 Yellowware	1	0.0	Clear glaze interior & exterior			251
3169.03	5	01	01			003 Yellowware	1	0.0	Clear glaze interior & exterior			252
3169.03	5	01	01			003 Combed slipware	1	0.0	Buff paste Red slipped Brown piping Clear glaze Unglazed exterior			257
3169.03	5	01	01			003 Yellowware	1	0.0	Body sherd Rockingham glazed exterior			258
3169.03	5	01	01			003 Pearlware	1	0.0	Clear glaze interior Shell edged blue, scalloped rim Embossment			261
3169.03	5	01	01			003 Pearlware	2	0.0	Underglaze transfer print blue landscape			263

ARTIFACT INVENTORY, AREA 5
Waterfront Commons Phase 1B
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Context	Area	Gp	Cl	Mph	Mat	Identity	Count	Weight	Comments	Reference	Range	Cat#
=====	=====	==	==	==	==	=====	=====	=====	=====	=====	=====	=====
3169.03	5	01	01		003	Redware	3	0.0	Spalls			268
3169.03	5	01	01		003	Redware	2	0.0	Spalls			269
3169.03	5	01	01		003	Redware	1	0.0	Spall			271
3169.03	5	01	01		003	Redware	1	0.0	Spall			272
3169.03	5	01	01		003	Redware	1	0.0	Spall			273
3169.03	5	01	01		003	Redware	5	0.0	Spalls			275
3169.03	5	01	01		004	Ironstone	5	0.0	Spalls			253
3169.03	5	01	01		004	Ironstone	1	0.0	Base w/footring-1			262
3169.03	5	01	01		004	Ironstone	1	0.0	Underglaze transfer print			264
3169.03	5	01	01		004	Ironstone	1	0.0	blue landscape			265
3169.03	5	01	01		004	Ironstone	1	0.0	Spall			266
3169.03	5	01	01		004	Ironstone	3	0.0	Rim			267
3169.03	5	01	01		004	Ironstone	3	0.0	Underglaze transfer print			276
3169.03	5	01	01		004	Ironstone	3	0.0	blue			277
3169.03	5	01	02		078	Container glass	1	0.0	Rims-3			236
3169.03	5	01	02		078	Bottle glass	1	0.0	Cup/bowl rim-1			238
3169.03	5	01	02		078	Container glass	1	0.0	Spalls			240
3169.03	5	01	02		078	Container glass	1	0.0	Aqua			241
3169.03	5	01	02		078	Container glass	7	0.0	Body fragment			242
3169.03	5	01	02		078	Container glass	5	0.0	Pale green			243
3169.03	5	01	02		078	Container glass	1	0.0	Embossed: "...S..."			244
3169.03	5	01	02		078	Bottle glass	1	0.0	Pale green tint			245
3169.03	5	01	02		078	Container glass	1	0.0	Solarized			250
3169.03	5	01	02		078	Container glass	2	0.0	Clear			260
3169.03	5	01	02		078	Container glass	4	0.0	Two parallel lines etched			249
3169.03	5	01	02		078	Container glass	1	0.0	Base w/panel			254
3169.03	5	01	02		078	Container glass	1	0.0	Line, wave pattern on			259
3169.03	5	01	02		078	Container glass	26	0.0	perimeter			248
3169.03	5	01	02		078	Container glass	1	0.0	Clear			246
3169.03	5	01	02		078	Container glass	2	0.0	Thick fragment			237
3169.03	5	02			017	Bone	4	0.0	Brown-gold, iridescent			239
3169.03	5	02			017	Bone	1	0.0	fragments			280
3169.03	5	02			017	Bone	1	0.0	Fragment			281
3169.03	5	02	01		017	Bone	26	0.0	Calcinced			282
3169.03	5	02	09		089	Shell	9	0.0	Pelvis fragments			283
3169.03	5	03	01	001	078	Flat glass	1	0.0	Mammal			284
3169.03	5	03	01	001	078	Flat glass	2	0.0	Clam			285
3169.03	5	03	02		028	Nail	2	0.0	Aqua tint			286
3169.03	5	03	02		028	Nail	1	0.0	Pale green tint			287
3169.03	5	03	02		028	Nail	3	0.0	Rusted & corroded			288
3169.03	5	03	02		028	Nail	5	0.0	Rusted & corroded			289
3169.03	5	03	02		028	Nail	2	0.0	Rusted & corroded			290
3169.03	5	03	02		028	Nail	6	0.0	Rusted & corroded			291
3169.03	5	03	02		028	Nail	21	0.0	Heads & partial bodies			292
3169.03	5	03	02		028	Nail	5	0.0	Rusted & corroded			293
3169.03	5	03	02		028	Nail	4	0.0	Partial bodies			294
3169.03	5	03	06	015	069	Brick	1	0.0	Rusted & corroded			295
3169.03	5	03	06	015	069	Brick	1	0.0	Cut			296
3169.03	5	04	04	003	003	Flowerpot	1	0.0	Rusted & corroded			297
3169.03	5	08	01	001	062	Kaolin pipe	1	0.0	Light orange fragment			298
3169.03	5	98	00		095	Coal	5	0.0	Bowl fragment			299
3169.03	5	98	00		112	Slag	1	0.0	Burning evident on			300
** Subtotal **							165	0.0	interior			
** Context 3169.04												
3169.04	5	02			017	Bone	1	0.0	Fragment			291
3169.04	5	02	01		017	Bone	6	0.0	Long bone			290
									Mammal			

ARTIFACT INVENTORY, AREA 5
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Context	Area	Gp	Cl	Mph	Mat	Identity	Count	Weight	Comments	Reference	Range	Cat#
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
** Subtotal **							7	0.0				
** Context 3170.01												
3170.01	5	01	01		003	Redware	1	0.0	Spall Eroded glaze			293
3170.01	5	01	01		004	Ironstone	2	0.0	Spalls			294
3170.01	5	01	01		004	Ironstone	1	0.0	Spall			295
3170.01	5	01	01		004	Ironstone	1	0.0	Rim Molded relief exterior Interior slipped green Exterior handpainted polychrome floral			296
3170.01	5	01	01		004	Ironstone	1	0.0	Spall			297
3170.01	5	01	01		004	Ironstone	1	0.0	Spall			298
3170.01	5	01	01		078	Tableware glass	1	0.0	Clear Rim fragment Bevelled pattern on lid			307
3170.01	5	01	02		078	Container glass	3	0.0	Aqua 1 base fragment Embossed: "O.."			299
3170.01	5	01	02		078	Container glass	1	0.0	Dark olive fragment			301
3170.01	5	01	02		078	Container glass	2	0.0	Clear			302
3170.01	5	01	02		078	Container glass	1	0.0	Clear Thin			305
3170.01	5	03	01	001	078	Flat glass	4	0.0	Pale green tint			300
3170.01	5	03	01	001	078	Flat glass	1	0.0	Dark aqua tint			303
3170.01	5	03	01	001	078	Flat glass	1	0.0	Clear			304
3170.01	5	03	02		028	Nail	4	0.0	Rusted & corroded			309
3170.01	5	03	02		028	Nail	1	0.0	Rusted & corroded			310
3170.01	5	03	02		028	Nail	4	0.0	Rusted & corroded			311
3170.01	5	03	02		028	Nail	1	0.0	Rusted & corroded			312
3170.01	5	04	03	019	078	Lighting glass	2	0.0	Clear			306
3170.01	5	98	00		095	Coal	1	0.0				292
3170.01	5	98	00		112	Slag	1	0.0				308
** Subtotal **							35	0.0				
** Context 3170.02												
3170.02	5	01	01		004	Ironstone	12	0.0	Undecorated Rims-5 Mostly spalls			317
3170.02	5	02	09		089	Shell	1	0.0	Clam			314
3170.02	5	03	01	001	078	Flat glass	2	0.0	Pale green tint			313
3170.02	5	03	02		028	Nail	1	0.0	Rusted & corroded			315
3170.02	5	09	11		028	Metal	3	0.0	Rusted & corroded			316
** Subtotal **							19	0.0				
** Context 3171.02												
3171.02	5	01	01		003	Yellowware	1	0.0	Rockingham glaze exterior Clear glaze interior			322
3171.02	5	01	01		003	Yellowware	2	0.0	Base-1 Rockingham glaze exterior Clear glaze interior			323
3171.02	5	01	02		078	Container glass	2	0.0	Green tint			318
3171.02	5	03	02		028	Nail	2	0.0	Rusted & corroded			319
3171.02	5	09	11		028	Metal	1	0.0	Rusted & corroded			320
3171.02	5	10	03	027	051	Primary flake	1	0.0	Jasper			321
** Subtotal **							9	0.0				
** Context 3172.02												
3172.02	5	03	06	012	004	Tile	1	0.0	Clear glaze			324
** Subtotal **							1	0.0				
** Context 3173.02												
3173.02	5	01	02		078	Bottle glass	2	0.0	Base-1 Dark green Mamelon			328
3173.02	5	02	09		089	Shell	1	0.0	Clam			325
3173.02	5	03	01	001	078	Flat glass	1	0.0	Clear			326
3173.02	5	09	11		028	Metal	1	0.0	Rusted & corroded			327
** Subtotal **							5	0.0				
** Context 3173.03												
3173.03	5	01	01		003	Yellowware	1	0.0	Brown glaze			334

ARTIFACT INVENTORY, AREA 5
Waterfront Commons Phase 1B
Staten Island
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Context	Area	Gp	Cl	Mph	Mat	Identity	Count	Weight	Comments	Reference	Range	Cat#
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
3173.03	5	01	02		078	Container glass	4	0.0	Clear			337
3173.03	5	01	02		078	Bottle glass	1	0.0	Clear			338
									White enamel exterior			
3173.03	5	01	02		078	Container glass	2	0.0	Clear fragments			342
3173.03	5	02	09		089	Shell	1	0.0	Clam			331
3173.03	5	03	01	003	078	Plate glass	2	0.0	Pale blue tint			332
3173.03	5	03	01	001	078	Flat glass	1	0.0	Aqua tint			333
3173.03	5	03	01	001	078	Flat glass	1	0.0	Clear			336
3173.03	5	03	01	003	078	Plate glass	1	0.0	Light green tint			341
3173.03	5	03	02		028	Nail	3	0.0	Rusted & corroded			343
3173.03	5	03	02		028	Nail	1	0.0	Rusted & corroded			344
									Wire			
3173.03	5	03	02		028	Nail	2	0.0	Rusted & corroded			345
3173.03	5	03	04	027	028	Coil springs	2	0.0	Rusted			335
3173.03	5	03	06	015	069	Brick	1	0.0	Orange-red			330
3173.03	5	09	11		008	Plastic	1	0.0	Black			339
									Car part?			
3173.03	5	09	11		008	Plastic	3	0.0	Yellow			340
3173.03	5	98	00		112	Slag	1	0.0				329
** Subtotal **							28	0.0				
** Context 3175.01												
3175.01	5	01	02		078	Container glass	1	0.0	Brown			346
** Subtotal **							1	0.0				
** Context 3176.01												
3176.01	5	01	02	047	028	Bottle cap	1	0.0	Coors Light			348
									Rusted			
3176.01	5	01	02		078	Container glass	1	0.0	Clear			347
** Subtotal **							2	0.0				
** Context 3177.02												
3177.02	5	09	11		028	Metal	1	0.0	Rusted & corroded			349
** Subtotal **							1	0.0				
** Context 3178.02												
3178.02	5	01	02		078	Container glass	1	0.0	Brown			350
** Subtotal **							1	0.0				
** Context 3181.02												
3181.02	5	01	02		078	Container glass	1	0.0	Dark green			351
3181.02	5	01	02		078	Container glass	1	0.0	Clear			358
3181.02	5	02	09		089	Shell	1	0.0	Clam			352
3181.02	5	03	01	001	078	Flat glass	2	0.0	Clear			353
3181.02	5	03	01	003	078	Plate glass	1	0.0	Pale green tint			355
3181.02	5	03	06	012	004	Tile	2	0.0	Buff paste			356
3181.02	5	03	06	012	004	Tile	1	0.0	Buff paste			361
									White slip			
									Yellow glaze			
3181.02	5	03	06	015	069	Brick	1	0.0	Dark red-brown fragment			360
3181.02	5	07	03		008	Pen cap	1	0.0	Melted, blue			359
3181.02	5	09	11		008	Plastic	1	0.0	Yellow w/gold glitter			354
3181.02	5	09	11		009	Rubber	1	0.0	Circular, black			363
3181.02	5	09	11		010	Rubber	2	0.0	Car part?			362
									Tire fragments			
3181.02	5	09	11		028	Metal	6	0.0	Rusted & corroded			357
3181.02	5	09	11		104	Synthetic	2	0.0	Green paint over fabric			364
** Subtotal **							23	0.0				
** Context 3182.02												
3182.02	5	03	01	001	078	Flat glass	3	0.0	Green tint			365
3182.02	5	03	03		028	Spike	1	0.0	Rusted & corroded			366
** Subtotal **							4	0.0				
** Context 3183.02												
3183.02	5	01	02		078	Container glass	1	0.0	Dark green			370
3183.02	5	03	01	001	078	Flat glass	1	0.0	Pale green tint			367
3183.02	5	03	01	003	078	Plate glass	1	0.0	Light blue tint			368
3183.02	5	03	01	001	078	Flat glass	1	0.0	Pale green tint			372
3183.02	5	03	01	001	078	Plate glass	1	0.0	Clear			373
3183.02	5	03	01	004	078	Safety glass	2	0.0	Clear			374
3183.02	5	03	02		028	Nail	1	0.0	Rusted & corroded			369

ARTIFACT INVENTORY, AREA 5
Waterfront Commons Phase 1B
Staten Island
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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
3183.02	5	03	05	026	003	Drainage pipe	1	0.0	Buff paste Brown glaze interior & exterior			375
3183.02	5	09	11			029 Metal	1	0.0	Rusted & corroded			371
** Subtotal **							10	0.0				
** Context 3186.02												
3186.02	5	01	02			078 Container glass	1	0.0	Clear			377
3186.02	5	01	02			078 Container glass	1	0.0	Aqua			378
3186.02	5	03	01	001		078 Flat glass	1	0.0	Smoky tint			376
** Subtotal **							3	0.0				
** Context 3187.02												
3187.02	5	01	02			078 Container glass	1	0.0	Clear			380
3187.02	5	09	11			028 Metal	3	0.0	Rusted & corroded			379
** Subtotal **							4	0.0				
** Context 3189.01												
3189.01	5	01	02	003		078 Bottle glass	1	0.0	Flask Clear Base embossed: "3 PHI-D-2/18 80/LIQUOR BOTTLE" Diamond Glass Co 6 fragments embossed: "..SN..", "G..", "SNO..."	Hathaway 1995	1922-present	381
3189.01	5	01	02			078 Container glass	1	0.0	Light green			382
3189.01	5	09	11			008 Plastic	1	0.0	Black plastic			384
3189.01	5	09	11			104 Synthetic	1	0.0	Strange pulp on exterior Creepy, call EPA			385
3189.01	5	98	00			112 Slag	1	0.0				383
** Subtotal **							5	0.0				
** Context 3190.02												
3190.02	5	01	01			004 Ironstone	1	0.0	Undecorated body sherd			395
3190.02	5	01	02			078 Container glass	1	0.0	Aqua			388
3190.02	5	01	02			078 Container glass	2	0.0	Clear fragments			389
3190.02	5	01	02			078 Container glass	1	0.0	Light green			390
3190.02	5	01	02			078 Container glass	1	0.0	Brown			391
3190.02	5	01	02			078 Container glass	1	0.0	Solarized Ribbed			393
3190.02	5	02	09			089 Shell	2	0.0	Oyster			386
3190.02	5	03	01	001		078 Flat glass	1	0.0	Pale green tint			392
3190.02	5	03	02			028 Nails	3	0.0	Rusted & corroded			394
3190.02	5	98	00			095 Coal	1	0.0				387
** Subtotal **							14	0.0				
** Context 3190.03												
3190.03	5	01	01	014		078 Tumbler	2	0.0	Solarized Partial base w/ribbed & fluted and panel 3 etched bands near rim			401
3190.03	5	01	02			078 Container glass	1	0.0	Brown			399
3190.03	5	01	02			078 Bottle glass	1	0.0	Brown Partial rim and collar Flat lip connected to string rim through equidistant line pattern			400
3190.03	5	01	02	015		078 Jar glass	3	0.0	Aqua 2 mend 2 rim fragments Bead finish			402
3190.03	5	01	02			078 Container glass	2	0.0	Solarized Base-1 Mold seams on both			405
3190.03	5	02	09			089 Shell	1	0.0	Oyster			396
3190.03	5	03	01	001		078 Flat glass	1	0.0	Clear			397
3190.03	5	03	02			028 Nail	1	0.0	Rusted & corroded			398
3190.03	5	03	06			006 Wood	1	0.0	Prism shaped			403
3190.03	5	05	02			028 Cartridge	1	0.0	Red painted base Rusted			404
** Subtotal **							14	0.0				

ARTIFACT INVENTORY, AREA 5
Waterfront Commons Phase 1B
Staten Island
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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Context 3190.04												
3190.04	5	01	01			003 Creamware	1	0.0	Undecorated spall			407
3190.04	5	01	02			078 Container glass	1	0.0	Dark olive green fragment			406
** Subtotal **							2	0.0				
** Context 3191.04												
3191.04	5	10	03	028	052	Secondary flake	1	0.0	Grey chert			408
** Subtotal **							1	0.0				
** Context 3194.01												
3194.01	5	01	01			003 Delftware	1	0.0	Spall			416
									Pale blue tin glaze			
3194.01	5	01	01			003 Redware	1	0.0	Rim fragment			417
									Thick rim			
									Black glaze			
3194.01	5	01	02			078 Container glass	1	0.0	Clear fragment			409
3194.01	5	01	02			078 Container glass	1	0.0	Light green fragment			410
3194.01	5	01	02			078 Container glass	1	0.0	Olive green fragment			411
3194.01	5	02	01			017 Bone	2	0.0	Rib?			412
3194.01	5	02	01			017 Tooth	1	0.0	Large herbivore			413
3194.01	5	02	09			089 Shell	6	0.0	Oyster			414
3194.01	5	02	09			089 Shell	7	0.0	Clam			415
** Subtotal **							21	0.0				
** Context 3194.02												
3194.02	5	01	02			002 Stoneware	1	0.0	Buff paste			424
									Salt glazed exterior			
									Unglazed interior			
3194.02	5	01	02			078 Container glass	1	0.0	Brown			418
3194.02	5	01	02			078 Container glass	1	0.0	Light green			419
3194.02	5	01	02			078 Container glass	1	0.0	Aqua			421
3194.02	5	03	01	001		078 Flat glass	1	0.0	Aqua tint			420
3194.02	5	03	02			028 Nail	1	0.0	Rusted & corroded			425
									Cut			
3194.02	5	03	02			028 Nail	1	0.0	Rusted & corroded			426
3194.02	5	03	02			028 Nail	1	0.0	Rusted & corroded			427
3194.02	5	03	03			028 Spike	1	0.0	Rusted & corroded			423
3194.02	5	03	06	015	069	Brick	2	0.0	Orange			422
** Subtotal **							11	0.0				
** Context 3195.02												
3195.02	5	01	01			004 Ironstone	1	0.0	Undecorated body sherd			428
3195.02	5	01	01			004 Ironstone	1	0.0	Underglaze transfer print			429
									blue diamond-in-diamond			
									pattern			
3195.02	5	03	02			028 Nail	2	0.0	Rusted & corroded			430
** Subtotal **							4	0.0				
** Context 3195.03												
3195.03	5	01	01			003 Creamware?	2	0.0	Spalls, undecorated			433
3195.03	5	01	01			004 Ironstone	1	0.0	Spall, undecorated			434
3195.03	5	01	02			078 Container glass	1	0.0	Pale green			432
3195.03	5	03	01	001		078 Flat glass	1	0.0	Aqua			431
** Subtotal **							5	0.0				
** Context 3196.01												
3196.01	5	01	01			003 Creamware?	1	0.0	Undecorated spall			435
3196.01	5	01	01			003 Creamware	1	0.0	Rim			436
									Possibly overglaze			
									handpainted polychrome			
3196.01	5	03	06	015	069	Brick	1	0.0	Dark red fragment			437
** Subtotal **							3	0.0				
** Context 3196.02												
3196.02	5	01	01			003 Creamware	1	0.0	Undecorated body sherd			444
3196.02	5	01	01			004 Ironstone	1	0.0	Undecorated spall			442
3196.02	5	01	01			004 Ironstone	1	0.0	Underglaze handpainted			443
									blue floral			
3196.02	5	03	01	001	078	Flat glass	3	0.0	Aqua tint			441
3196.02	5	03	02			028 Nail	2	0.0	Rusted & corroded			438
3196.02	5	03	02			028 Nail	2	0.0	Rusted & corroded			439
3196.02	5	09	11			028 Metal	1	0.0	Rusted & corroded			440

ARTIFACT INVENTORY, AREA 5
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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
3196.02	5	10	02		126	Fire cracked rock	1	0.0	Pot lidded?			445
** Subtotal **							12	0.0				
** Context 3196.03												
3196.03	5	01	01		001	Porcelain	1	0.0	Base w/footring			446
3196.03	5	01	01		003	Redware	1	0.0	Spall Clear glaze			450
3196.03	5	01	01		004	Ironstone	1	0.0	Spall			451
3196.03	5	01	02		078	Container glass	1	0.0	clear fragment			448
3196.03	5	03	06	015	069	Brick	1	0.0	Orange			449
3196.03	5	10	03	027	056	Secondary flake	1	0.0	Grey-green chalcedony			447
** Subtotal **							6	0.0				
** Context 3199.02												
3199.02	5	01	01		004	Ironstone	1	0.0	Undecorated body sherd			452
** Subtotal **							1	0.0				
** Context 3206.01												
3206.01	5	01	02		078	Bottle glass	1	0.0	Aqua Embossed: "...N J.."			453
3206.01	5	01	02		078	Bottle glass	1	0.0	Clear Embossed: "...OKE../ KOS.."			454
** Subtotal **							2	0.0				
** Context 3207.02												
3207.02	5	01	01		001	Porcelain	1	0.0	Undecorated body sherd			455
3207.02	5	01	02		078	Container glass	1	0.0	Clear			456
** Subtotal **							2	0.0				
** Context 3207.03												
3207.03	5	01	02		078	Bottle glass	1	0.0	Clear Stippled			457
** Subtotal **							1	0.0				
** Context 4001.01												
4001.01	5	01	02	001	078	Bottle glass	1	0.0	Olive green Solarized			941
4001.01	5	01	02		078	Bottle glass	1	0.0	Clear			942
4001.01	5	03	06	015	069	Brick	1	0.0	Neck/base Complete			943
4001.01	5	03	06	015	069	Brick	1	0.0	Red Burnt			944
** Subtotal **							4	0.0	Large calcite inclusions			
** Context 4001.02												
4001.02	5	01	01		001	Porcelain	1	0.0	Spall			945
4001.02	5	01	01		004	Ironstone	1	0.0	Rim			946
4001.02	5	01	01	008	004	Ironstone	8	0.0	2 mend Tureen Molded, paneled exterior, pedestaled base			947
4001.02	5	03	06	015	069	Brick	1	0.0	Pinkish red			948
4001.02	5	04	03	019	078	Lighting glass	3	0.0	Clear			949
4001.02	5	04	04	002	003	Flowerpot	1	0.0	Rim Red			950
4001.02	5	98			095	Coal	1	0.0				951
** Subtotal **							16	0.0				
** Context 4002.01												
4002.01	5	01	01		004	Ironstone	1	0.0	Rim Underglaze transfer print red interior			953
** Subtotal **							1	0.0				
** Context 5002.01												
5002.01	5	01	02		002	Stoneware	1	0.0	Brown slipped interior Light brown slipped exterior			952

ARTIFACT INVENTORY, AREA 5
Waterfront Commons Phase 1B
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Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Subtotal **							1	0.0				
*** Total ***							573	0.0				

Area 6
Artifact Database

ARTIFACT INVENTORY, AREA 6
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Subtotal **							0	0.0				
*** Total ***							0	0.0				

Area 7
Artifact Database

ARTIFACT INVENTORY, AREA 7
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context	Area	Gp	Cl	Mph	Mat	Identity	Count	Weight	Comments	Reference	Range	Cat#
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
** Context	3469.01											
3469.01	7	01	01		001	Porcelain	1	0.0	Base			957
3469.01	7	01	01	001	001	Porcelain	1	0.0	Plate brim			959
									Underglaze green annular			
3469.01	7	01	01	001	004	Ironstone	1	0.0	Plate brim			958
									Underglaze & overglaze			
									decoration			
3469.01	7	01	02		078	Bottle glass	1	0.0	Brown			954
									Rim of threaded lip,			
									exterior			
3469.01	7	01	02		078	Bottle glass	1	0.0	Kelly green			955
									Rounded collar			
3469.01	7	01	02		078	Bottle glass	1	0.0	Clear			956
									Paper label:			
									"CA.../Aris.../Carbon..."			
3469.01	7	01	02		078	Container glass	1	0.0	Clear			960
3469.01	7	03	01	001	078	Flat glass	1	0.0	Greenish tint			961
3469.01	7	03	02		028	Nails	4	0.0	Rusted & corroded			962
3469.01	7	98			112	Slag	3	0.0	Glass, clear			963
3469.01	7	98			112	Slag	1	0.0	Glass, brown			964
** Subtotal **							16	0.0				
** Context	3470.01											
3470.01	7	01	01		004	Ironstone	2	0.0	Underglaze green			965
									decoration			
3470.01	7	01	02		078	Container glass	2	0.0	Kelly green			966
3470.01	7	01	02		078	Bottle glass	1	0.0	Brown, stippled			967
3470.01	7	01	02		078	Container glass	1	0.0	Pale green			968
3470.01	7	01	02		078	Bottle glass	1	0.0	Pale aqua			969
									Molded exterior			
3470.01	7	01	02		078	Bottle glass	1	0.0	Clear			970
									Base			
									Embossed: "...49"			
3470.01	7	01	02		078	Bottle glass	1	0.0	Clear			971
									Base			
									Reverse embossed: "...97			
									5..."			
3470.01	7	01	02		078	Container glass	13	0.0	Clear			972
3470.01	7	01	02		078	Container glass	1	0.0	Clear			973
									Molded exterior			
3470.01	7	02	09		089	Shell	2	0.0	Clam			974
3470.01	7	03	06	026	038	Construction	2	0.0				979
						material						
3470.01	7	03	06	015	069	Brick	1	0.0	Red			975
3470.01	7	09	11		028	Miscellaneous	1	0.0	Rusted & corroded			976
						hardware						
3470.01	7	98			095	Coal	3	0.0				977
3470.01	7	98			112	Slag	4	0.0	Glass, clear			978
** Subtotal **							36	0.0				
** Context	3471.01											
3471.01	7	01	01		003	Redware?	1	0.0	Eroded			981
3471.01	7	01	01		004	Ironstone	1	0.0	Rim			980
									Spall			
3471.01	7	01	02		078	Container glass	1	0.0	Pale aqua			982
3471.01	7	02	09		089	Shell	2	0.0	Clam			983
3471.01	7	02	09		089	Shell	2	0.0	Oyster			984
3471.01	7	03	01	001	078	Flat glass	1	0.0	Dark aqua			985
3471.01	7	03	06	015	069	Brick	1	0.0	Red			986
3471.01	7	98			095	Coal	1	0.0				987
** Subtotal **							10	0.0				
** Context	3472.01											
3472.01	7	01	01		004	Ironstone	1	0.0	Underglaze polychrome			988
									decoration			
3472.01	7	02	09		089	Shell	1	0.0	Clam			989
3472.01	7	02	09		089	Shell	1	0.0	Oyster			990
3472.01	7	98			095	Coal	3	0.0				991
** Subtotal **							6	0.0				
** Context	3473.01											
3473.01	7	01	01		003	Redware	1	0.0	Rim, grooved exterior			993
									Greenish glaze interior &			
									exterior			
3473.01	7	01	01		004	Ironstone	1	0.0				992

ARTIFACT INVENTORY, AREA 7
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context	Area	Gp	Cl	Mph	Mat	Identity	Count	Weight	Comments	Reference	Range	Cat#
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
3473.01	7	01	02		078	Container glass	1	0.0	Pale green			994
3473.01	7	01	02		078	Container glass	1	0.0	Clear			995
3473.01	7	02	09		089	Shell	1	0.0	Oyster			996
3473.01	7	03	01	001	078	Flat glass	1	0.0	Dark aqua			997
3473.01	7	03	01	001	078	Flat glass	1	0.0	Clear			998
3473.01	7	03	06	015	069	Brick	1	0.0	Red			999
3473.01	7	09	11		028	Miscellaneous hardware	1	0.0	Rusted & corroded			1000
3473.01	7	98			095	Coal	1	0.0				1001
** Subtotal **							10	0.0				
** Context 3473.02												
3473.02	7	01	01		004	Ironstone	1	0.0				1002
3473.02	7	01	02		078	Bottle glass	1	0.0	Clear			1003
									Embossed letters exterior			
3473.02	7	03	01	001	078	Flat glass	2	0.0	Clear			1004
3473.02	7	03	06	015	069	Brick	4	0.0	Red			1005
3473.02	7	98			095	Coal	1	0.0				1006
** Subtotal **							9	0.0				
** Context 3474.02												
3474.02	7	01	01		003	Redware	1	0.0	Jackfield glaze interior & exterior			1007
3474.02	7	01	01		004	Ironstone	1	0.0	Spall			1008
3474.02	7	01	02		078	Container glass	1	0.0	Light olive green			1009
3474.02	7	01	02		078	Container glass	1	0.0	Clear			1010
									Embossed pattern exterior			
3474.02	7	01	02		078	Container glass	1	0.0	Clear			1011
3474.02	7	02			017	Bone	1	0.2				1012
3474.02	7	02	09		089	Shell	2	0.0	Oyster			1013
3474.02	7	03	01	001	078	Flat glass	1	0.0	Clear			1014
3474.02	7	03	02		028	Nail	1	0.0	Rusted & corroded			1015
3474.02	7	04	04	002	003	Flowerpot	2	0.0	Pale pink			1016
									Rim-1			
3474.02	7	98			095	Coal	2	0.0				1017
** Subtotal **							14	0.2				
** Context 3475.02												
3475.02	7	04	04	004	001	Porcelain	3	0.0	Mend Knicknac Rim-1			1018
									Unglazed interior			
3475.02	7	04	04	004	001	Porcelain	2	0.0	Mend Knicknac Rims-2			1019
									Unglazed interior			
									Incised "3" exterior			
									Hore bored near rim			
** Subtotal **							5	0.0				
** Context 3476.02												
3476.02	7	01	01		001	Porcelain	1	0.0	Green annular			1020
3476.02	7	01	02		078	Bottle glass	1	0.0	Clear			1021
									Lip, external screw top			
3476.02	7	98			112	Slag	2	0.0	Glass			1022
** Subtotal **							4	0.0				
** Context 3477.01												
3477.01	7	01	02		078	Container glass	1	0.0	Pale aqua			1023
3477.01	7	02	09		089	Shell	1	0.0	Oyster			1024
3477.01	7	98			095	Coal	1	0.0				1025
** Subtotal **							3	0.0				
** Context 3478.01												
3478.01	7	01	01		001	Porcelain	1	0.0	Underglaze printed black: faded maker's mark			1026
3478.01	7	01	01		004	Ironstone	1	0.0	Green glaze interior & exterior			1027
3478.01	7	01	02		078	Container glass	1	0.0	Pale aqua			1029
3478.01	7	01	02		078	Container glass	4	0.0	Clear			1030
3478.01	7	04	04	002	003	Flowerpot	1	0.0	Red			1028

ARTIFACT INVENTORY, AREA 7
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context	Area	Gp	Cl	Mph	Mat	Identity	Count	Weight	Comments	Reference	Range	Cat#
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
** Subtotal **							8	0.0				
** Context 3478.02												
3478.02	7	01	02			078 Container glass	1	0.0	Olive green			1031
** Subtotal **							1	0.0				
** Context 3479.01												
3479.01	7	01	01			004 Ironstone	1	0.0	Spall			1032
3479.01	7	02				017 Bone	2	0.0	Rib?			1033
3479.01	7	02	09			089 Shell	1	0.0	Clam			1034
3479.01	7	03	01	001		078 Flat glass	2	0.0	Clear			1035
3479.01	7	03	02			028 Nails	13	0.0	Rusted & corroded			1036
3479.01	7	06	04	009		022 Grommet	2	0.0	Mend complete			1037
3479.01	7	98				095 Coal	1	0.0				1038
** Subtotal **							22	0.0				
** Context 3480.01												
3480.01	7	01	02			078 Container glass	1	0.0	Olive green			1039
3480.01	7	03	01	001		078 Flat glass	5	0.0	Clear			1040
3480.01	7	98				095 Coal	2	0.0				1041
** Subtotal **							8	0.0				
** Context 3481.01												
3481.01	7	01	02			078 Container glass	1	0.0	Pale aqua			1041
3481.01	7	03	01	001		078 Flat glass	2	0.0	Clear			1044
3481.01	7	98				112 Slag	2	0.0				1045
** Subtotal **							5	0.0				
** Context 3482.01												
3482.01	7	01	02			078 Container glass	1	0.0	Clear			1045
3482.01	7	03	01	001		078 Flat glass	1	0.0	Clear			1046
** Subtotal **							2	0.0				
** Context 3483.01												
3483.01	7	01	01			003 Redware	1	0.0	Spall			1047
									Jackfield glaze exterior			
3483.01	7	01	02			078 Container glass	1	0.0	Clear			1048
3483.01	7	09	11			008 Plastic	1	0.0				1051
3483.01	7	09	11	013		032 Screw	1	0.0				1049
** Subtotal **							4	0.0				
** Context 3485.01												
3485.01	7	01	01			004 Ironstone	1	0.0	Spall			1051
3485.01	7	02	09			089 Shell	1	0.0	Clam			1052
3485.01	7	03	02			028 Nail	1	0.0	Rusted & corroded			1053
** Subtotal **							3	0.0				
** Context 3485.03												
3485.03	7	01	01			004 Ironstone	1	0.0	Spall			1054
									Underglaze transfer print			
									blue			
** Subtotal **							1	0.0				
** Context 3486.01												
3486.01	7	01	01			004 Ironstone	2	0.0	Mend			1055
									Footring			
3486.01	7	01	01			004 Ironstone	1	0.0	Underglaze transfer print			1056
									blue			
3486.01	7	01	01			004 Ironstone	1	0.0	Burned			1057
3486.01	7	01	02			078 Container glass	1	0.0	Clear			1058
3486.01	7	02	09			089 Shell	3	0.0	Oyster			1059
3486.01	7	03	06	015		069 Brick	1	0.0	Red			1060
3486.01	7	08	02	004		137 Tobacco pipe	1	0.0	Meerchaum pipe mouthpiece			1061
3486.01	7	09	11	013		032 Screw	1	0.0	Rusted & corroded			1062
3486.01	7	98				095 Coal	3	0.0				1063
3486.01	7	98				112 Slag	1	0.0				1064
** Subtotal **							15	0.0				

ARTIFACT INVENTORY, AREA 7
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context	Area	Gp	Cl	Mph	Mat	Identity	Count	Weight	Comments	Reference	Range	Cat#
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
** Context 3487.01												
3487.01	7	01	01		004	Ironstone	2	0.0	Spalls Underglaze transfer print blue			1065
3487.01	7	01	02		078	Container glass	1	0.0	Kelly green			1066
3487.01	7	01	02		078	Container glass	4	0.0	Clear			1067
3487.01	7	98			095	Coal	1	0.0				1068
** Subtotal **							8	0.0				
** Context 3488.01												
3488.01	7	03	01	001	078	Flat glass	1	0.0	Clear			1069
3488.01	7	03	02		028	Nail	1	0.0	Rusted & corroded			1069
** Subtotal **							2	0.0				
** Context 3489.01												
3489.01	7	01	01		003	Yellowware	1	0.0	Spall Clear glaze			1071
3489.01	7	01	01		004	Ironstone	1	0.0	Underglaze transfer print blue			1072
3489.01	7	01	01	031	004	Ironstone	2	0.0	Mend Cup/bowl base			1073
3489.01	7	01	02		078	Container glass	1	0.0	Clear			1074
3489.01	7	03	01	001	078	Flat glass	1	0.0	Clear			1075
3489.01	7	98			095	Coal	1	0.0				1076
3489.01	7	98			112	Slag	1	0.0				1077
** Subtotal **							8	0.0				
** Context 3490.01												
3490.01	7	01	01		004	Ironstone	1	0.0				1078
3490.01	7	03	01	001	078	Flat glass	1	0.0	Clear			1079
** Subtotal **							2	0.0				
** Context 3491.01												
3491.01	7	01	01	031	001	Porcelain	1	0.0	Cup/bowl Paneled exterior			1080
3491.01	7	01	01		003	Redware	2	0.0	Mend Unglazed			1081
3491.01	7	01	01		004	Ironstone	1	0.0				1082
3491.01	7	01	02		078	Container glass	1	0.0	Clear			1083
3491.01	7	02	09		089	Shell	1	0.0	Clam			1084
3491.01	7	03	01	001	078	Flat glass	2	0.0	Clear			1085
3491.01	7	03	02		028	Nails	5	0.0	Rusted & corroded			1086
3491.01	7	09	11		136	Miscellaneous hardware	1	0.0				1087
3491.01	7	98			095	Coal	2	0.0				1088
** Subtotal **							16	0.0				
** Context 3492.01												
3492.01	7	01	01		004	Ironstone	1	0.0				1089
3492.01	7	02	09		089	Shell	2	0.0	Clam			1090
3492.01	7	03	05	021	003	Drainpipe	1	0.0				1092
3492.01	7	03	06	015	069	Brick	2	0.0	Red			1091
3492.01	7	09	11	011	028	Washer	1	0.0	Rusted & corroded			1093
3492.01	7	98			095	Coal	2	0.0				1094
3492.01	7	98			112	Slag	1	0.0				1095
** Subtotal **							10	0.0				
** Context 3492.02												
3492.02	7	01	01	001	004	Ironstone	1	0.0	Plate rim			1103
** Subtotal **							1	0.0				
** Context 3493.01												
3493.01	7	02	09		089	Shell	3	0.0	Oyster			1096
3493.01	7	03	01	001	078	Flat glass	2	0.0	Clear			1097
3493.01	7	03	01	004	078	Safety glass	3	0.0	Clear			1098
3493.01	7	03	06	015	069	Brick	1	0.0	Red			1099
3493.01	7	98			052	Chert	1	0.0	Rotted Grey			1100
3493.01	7	98			095	Coal	1	0.0				1101
3493.01	7	98			112	Slag	1	0.0				1102

ARTIFACT INVENTORY, AREA 7
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Subtotal **							12	0.0				
** Context 3494.02												
3494.02	7	01	02			078 Container glass	2	0.0	Brown			1104
3494.02	7	01	02			078 Bottle glass	2	0.0	Clear Embossed lettering exterior			1105
** Subtotal **							4	0.0				
** Context 3495.01												
3495.01	7	01	01			003 Redware	1	0.0	Jackfield glaze interior & exterior			1106
3495.01	7	02	09			089 Shell	1	0.0	Oyster			1107
3495.01	7	03	01	001		078 Flat glass	1	0.0	Greenish tint			1108
3495.01	7	03	02			028 Nail	1	0.0	Rusted & corroded			1109
3495.01	7	98				095 Coal	1	0.0				1110
** Subtotal **							5	0.0				
** Context 3496.01												
3496.01	7	01	02			078 Container glass	1	0.0	Clear			1111
3496.01	7	02	09			089 Shell	1	0.0	Clam			1112
3496.01	7	03	01	001		078 Flat glass	1	0.0	Clear			1113
3496.01	7	03	06	001		070 Mortar	1	0.0				1114
3496.01	7	98				112 Slag	1	0.0				1115
** Subtotal **							5	0.0				
** Context 3497.01												
3497.01	7	03	02			028 Nail	1	0.0	Rusted & corroded			1116
3497.01	7	03	06	001		070 Mortar	1	0.0				1117
3497.01	7	98				095 Coal	1	0.0				1118
** Subtotal **							3	0.0				
** Context 3499.02												
3499.02	7	03	01	001		078 Flat glass	2	0.0	Clear			1119
** Subtotal **							2	0.0				
** Context 3500.01												
3500.01	7	01	01			004 Ironstone	1	0.0	Spall			1120
3500.01	7	01	02	047		029 Bottle cap	1	0.0	Rusted & corroded			1122
3500.01	7	01	02			078 Container glass	3	0.0	Clear Rim-1			1121
3500.01	7	03	01	001		078 Flat glass	1	0.0	Greenish tint			1123
3500.01	7	03	01	003		078 Plate glass	1	0.0	Clear			1124
3500.01	7	09	11			008 Plastic	1	0.0	Drab green bead-shaped			1125
** Subtotal **							8	0.0				
** Context 3501.01												
3501.01	7	01	01			004 Ironstone	1	0.0				1126
3501.01	7	03	01	001		078 Flat glass	3	0.0	Clear			1127
** Subtotal **							4	0.0				
** Context 3504.02												
3504.02	7	03	06	015		069 Brick	1	0.0	Red Embossed "...ND"			1128
** Subtotal **							1	0.0				
** Context 3505.01												
3505.01	7	01	01			004 Ironstone	1	0.0	Spall			1129
3505.01	7	03	01	001		078 Flat glass	1	0.0	Clear			1130
3505.01	7	09	11			008 Plastic	1	0.0	Black			1131
** Subtotal **							3	0.0				
** Context 3507.01												
3507.01	7	02	09			089 Shell	2	0.0	Clam			1132
3507.01	7	03	01	001		078 Flat glass	3	0.0	Clear			1133
3507.01	7	03	02			028 Nail	1	0.0	Wire Rusted & corroded			1134

ARTIFACT INVENTORY, AREA 7
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
** Subtotal **							6	0.0				
** Context 3508.01												
3508.01	7	01	01			004 Ironstone	1	0.0				1135
3508.01	7	03	04	026	028	Hinge	1	0.0	Rusted & corroded			1137
3508.01	7	03	05	021	003	Drainpipe	1	0.0				1136
** Subtotal **							3	0.0				
** Context 3511.01												
3511.01	7	03	01	001	078	Flat glass	4	0.0	Pale green tint			1138
** Subtotal **							4	0.0				
** Context 3512.01												
3512.01	7	01	01			004 Ironstone	1	0.0	Spall			1139
3512.01	7	02	09			089 Shell	1	0.0	Clam			1140
3512.01	7	02	09			089 Shell	5	0.0	Oyster			1141
** Subtotal **							7	0.0				
** Context 3514.02												
3514.02	7	01	01			003 Redware	1	0.0	Rim? spall Jackfield glaze			1142
** Subtotal **							1	0.0				
** Context 3516.03												
3516.03	7	01	02			078 Container glass	1	0.0	Brown			1143
3516.03	7	02	09			089 Shell	1	0.0	Channeled? whelk			1144
3516.03	7	03	01	001	078	Flat glass	1	0.0	Edge			1145
3516.03	7	03	02			028 Nails	3	0.0	Pale green tint Rusted & corroded			1146
3516.03	7	03	04	026	025	Hinge	1	0.0	Cuprous			1147
** Subtotal **							7	0.0				
** Context 3517.01												
3517.01	7	01	01			004 Ironstone	2	0.0	Mend Spalls			1148
3517.01	7	03	01	001	078	Flat glass	2	0.0	Clear			1149
3517.01	7	04	03	019	078	Lighting glass	2	0.0	Clear			1150
** Subtotal **							6	0.0				
** Context 3518.01												
3518.01	7	01	01			003 Redware	1	0.0	Unglazed rim			1151
3518.01	7	01	01			003 Redware	1	0.0	Spall			1152
3518.01	7	01	01			004 Ironstone	1	0.0				1153
3518.01	7	01	02			078 Container glass	1	0.0	Kelly green			1154
3518.01	7	01	02			078 Container glass	6	0.0	Clear			1155
3518.01	7	03	01	001	078	Flat glass	1	0.0	Clear			1156
3518.01	7	03	01	004	078	Safety glass	1	0.0	Clear			1157
3518.01	7	03	02			028 Nails	2	0.0	Rusted & corroded			1158
3518.01	7	98				095 Coal	2	0.0				1159
** Subtotal **							16	0.0				
** Context 3519.01												
3519.01	7	01	01			004 Ironstone	1	0.0	Underglaze handpainted polychrome floral			1160
3519.01	7	01	02			078 Container glass	1	0.0	Kelly green			1161
3519.01	7	98				095 Coal	1	0.0				1162
3519.01	7	98				112 Slag	1	0.0	Clear glass			1163
** Subtotal **							4	0.0				
** Context 3520.01												
3520.01	7	01	02			008 Container	1	0.0	Black plastic Base embossed: "...P? AT..."			1164
3520.01	7	02	09			089 Shell	2	0.0	Clam			1165
3520.01	7	02	09			089 Shell	1	0.0	Oyster			1166
3520.01	7	98				095 Coal	1	0.0				1167
3520.01	7	98				126 Rock	1	0.0				1168
** Subtotal **							6	0.0				

ARTIFACT INVENTORY, AREA 7
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context	Area	Gp	Cl	Mph	Mat	Identity	Count	Weight	Comments	Reference	Range	Cat#
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
** Context	3520.02											
3520.02	7	01	01	001	013	Tableware glass	1	0.0	Plate rim Milk glass w/iridescent glaze			1169
3520.02	7	03	02		028	Nails	3	0.0	Rusted & corroded			1170
3520.02	7	98			095	Coal	1	0.0				1171
** Subtotal **							5	0.0				
** Context	3521.01											
3521.01	7	01	02		078	Bottle glass	1	0.0	Brown Base Embossed pattern			1172
3521.01	7	01	02		078	Container glass	2	0.0	Clear			1173
3521.01	7	98			052	Chert	1	0.0	Gray Rotted			1174
** Subtotal **							4	0.0				
** Context	3522.01											
3522.01	7	01	01		004	Ironstone	2	0.0	Spalls			1175
3522.01	7	01	02		078	Container glass	1	0.0	Brown			1176
3522.01	7	01	02		078	Container glass	1	0.0	Clear, panel			1177
3522.01	7	02	09		089	Shell	1	0.0	Clam			1178
3522.01	7	03	06	015	069	Brick	2	0.0	Red			1179
3522.01	7	04	03	019	078	Lighting glass	1	0.0	Clear			1180
3522.01	7	98			112	Slag	2	0.0	Glass			1181
** Subtotal **							10	0.0				
** Context	3523.01											
3523.01	7	01	01		003	Yellowware	2	0.0	Mend Base & side Clear glaze			1185
3523.01	7	01	02		078	Container glass	1	0.0	Brown			1182
3523.01	7	02	09		089	Shell	2	0.0	Clam			1183
** Subtotal **							5	0.0				
** Context	3523.02											
3523.02	7	01	01		003	Yellowware	1	0.0	Base Clear glaze			1184
3523.02	7	01	01		003	Yellowware	1	0.0	Rim? Clear glaze			1186
3523.02	7	01	01		003	Yellowware	1	0.0	Clear glaze			1187
3523.02	7	01	01		004	Ironstone	1	0.0	Blue glaze			1188
3523.02	7	01	01		004	Ironstone	2	0.0	Underglaze transfer print blue floral			1189
3523.02	7	02	09		089	Shell	2	0.0	Clam			1190
3523.02	7	02	09		089	Shell	5	0.0	Oyster			1191
3523.02	7	03	02		028	Nail	1	0.0	Rusted & corroded			1192
3523.02	7	03	06	015	069	Brick	2	0.0	Red			1193
** Subtotal **							16	0.0				
** Context	3524.01											
3524.01	7	01	01	001	004	Ironstone	1	0.0	Plate rim Underglaze handpainted polychrome floral			1194
3524.01	7	01	01		004	Ironstone	1	0.0	Spall			1195
3524.01	7	04	03	019	078	Lighting glass	1	0.0	Clear			1196
3524.01	7	04	04	002	003	Flowerpot	1	0.0	Red			1197
3524.01	7	98			095	Coal	1	0.0				1198
3524.01	7	98			112	Slag	2	0.0				1199
** Subtotal **							7	0.0				
** Context	3525.01											
3525.01	7	02	09		089	Shell	1	0.0	Clam			1200
3525.01	7	03	01	001	078	Flat glass	1	0.0	Clear			1201
3525.01	7	98			095	Coal	1	0.0				1202
** Subtotal **							3	0.0				
** Context	3525.02											
3525.02	7	03	02		028	Nail	1	0.0	Wire Rusted			1203
3525.02	7	98			039	Rock	1	0.0	Sandstone			1204
3525.02	7	98			095	Coal	1	0.0				1205

ARTIFACT INVENTORY, AREA 7
Waterfront Commons Phase 1B
Staten Island
Richmond County, New York

Context =====	Area =====	Gp ==	Cl ==	Mph ==	Mat ==	Identity =====	Count =====	Weight =====	Comments =====	Reference =====	Range =====	Cat# =====
3525.02	7	98				112 Slag	1	0.0				1206
** Subtotal **							4	0.0				
** Context 3527.01												
3527.01	7	08	01			062 Tobacco pipe	1	0.0	Bowl base & partial stem Spur w/embossed flower on both sides			1207
** Subtotal **							1	0.0				
** Context 3528.01												
3528.01	7	01	01			003 Redware	1	0.0	Clear glaze			1208
3528.01	7	01	01			003 Yellowware	1	0.0	Unglazed			1209
3528.01	7	01	01			004 Ironstone	1	0.0	Spall			1210
3528.01	7	03	01	001		078 Flat glass	1	0.0	Clear			1211
3528.01	7	03	02			028 Nails	2	0.0	Rusted & corroded			1212
3528.01	7	03	06	015		069 Brick	1	0.0	Red			1213
3528.01	7	03	06	001		070 Mortar	1	0.0				1214
3528.01	7	98				095 Coal	1	0.0				1215
3528.01	7	98				112 Slag	1	0.0				1216
** Subtotal **							10	0.0				
** Context 3529.01												
3529.01	7	01	01			004 Ironstone	2	0.0				1217
3529.01	7	02	09			089 Shell	1	0.0	Clam			1218
3529.01	7	03	01	001		078 Flat glass	1	0.0	Clear			1219
3529.01	7	09	11	045		028 Pulley	1	0.0	Rusted & corroded			1220
3529.01	7	98				095 Coal	1	0.0				1221
3529.01	7	98				112 Slag	1	0.0				1222
** Subtotal **							7	0.0				
** Context 3530.02												
3530.02	7	01	02			078 Bottle glass	1	0.0	Clear Base Press molded ribbed exterior			1223
** Subtotal **							1	0.0				
** Context 3532.01												
3532.01	7	03	01	001		078 Flat glass	1	0.0	Clear			1224
3532.01	7	03	02			028 Nail	1	0.0	Rusted & corroded			1225
** Subtotal **							2	0.0				
** Context 3533.01												
3533.01	7	01	02			078 Bottle glass	1	0.0	Clear Collar on neck			1226
3533.01	7	03	01	001		078 Flat glass	1	0.0	Pale green tint			1227
3533.01	7	03	06	015		069 Brick	2	0.0	Red			1228
** Subtotal **							4	0.0				
*** Total ***							415	0.2				

APPENDIX 5

PREHISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM - CATBRIAR SITE



NEW YORK STATE PREHISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM
NYS OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION
(518) 237-8643

For Office Use Only--Site Identifier_____

Project Identifier 07PR04902 Date March, 2014

Your Name William Sandy, RPA Phone (201) 455-3555

Address Greenhouse Consultants Inc.

386 Broadway, Bayonne, NJ 07002

Organization (if any)

1. SITE IDENTIFIER(S) Catbriar Site

2. COUNTY Richmond One of the following: CITY Staten Island, New York City

3. PRESENT OWNER_____

Address_____

4. SITE DESCRIPTION (check all appropriate categories):

Site

☐ Stray Find

☐ Cave/Rockshelter

☐ Workshop

☐ Pictograph

☐ Quarry

☐ Mound

☐ Burial

☒ Shell Midden

☐ Village

☐ Surface Evidence

☒ Camp

☒ Material in plow zone

☒ Material below plow zone

☒ Buried evidence

☒ Intact Occupation floor

☐ Single component

☒ Evidence of features

☐ Stratified

☐ Multicomponent

Location

☐ Under cultivation

☐ Never cultivated

☒ Previously cultivated

☐ Pastureland

☒ Woodland

☐ Floodplain

☐ Upland

☐ Sustaining erosion

Soil Drainage: excellent ☒ good ☐ fair ☐ poor ☐

Slope: flat ☐ gentle ☒ moderate ☐ steep ☐

Distance to nearest water from site (approx.) 50 ft (15m)

Elevation: 12' to 18'

5. SITE INVESTIGATION (append additional sheets, if necessary):

Surface--date(s) na

☐ Site map (Submit with form)

☐ Collection

Subsurface--date(s) Oct. to Dec., 2008 & July and Aug., 2013

Testing: shovel ☒ coring ☐ other _____ unit size 35cm x 35cm

no. of units 279 (Submit plan of units with form)

Excavation: unit size _____ no. of units 0

Investigator _____

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

Greenhouse Consultants

2014 PHASE I CULTURAL RESOURCE SURVEY OF WATERFRONT COMMONS...RICHMOND COUNTY,
STATEN ISLAND, NEW YORK.

Present repository of materials _____

GCI

Bayonne, NJ

6. COMPONENT(S) (cultural affiliation/dates):

Woodland (based on pottery) and possibly Archaic.

7. LIST OF MATERIAL REMAINS (be specific as possible in identifying object and material):

Fire Cracked Rock (including hearth feature), argillite, chert, chalcedony and jasper debitage, and chopper. Clam
and oyster shell. Pottery (sand temper, cordmarked, fabric impressed, cordmarked, incised, punctate)

If historic materials are evident, check here and fill out historic site form ____

8. MAP REFERENCES

USGS 7.5 Minute Series Quad. Name Arthur Kill, NJ/NY

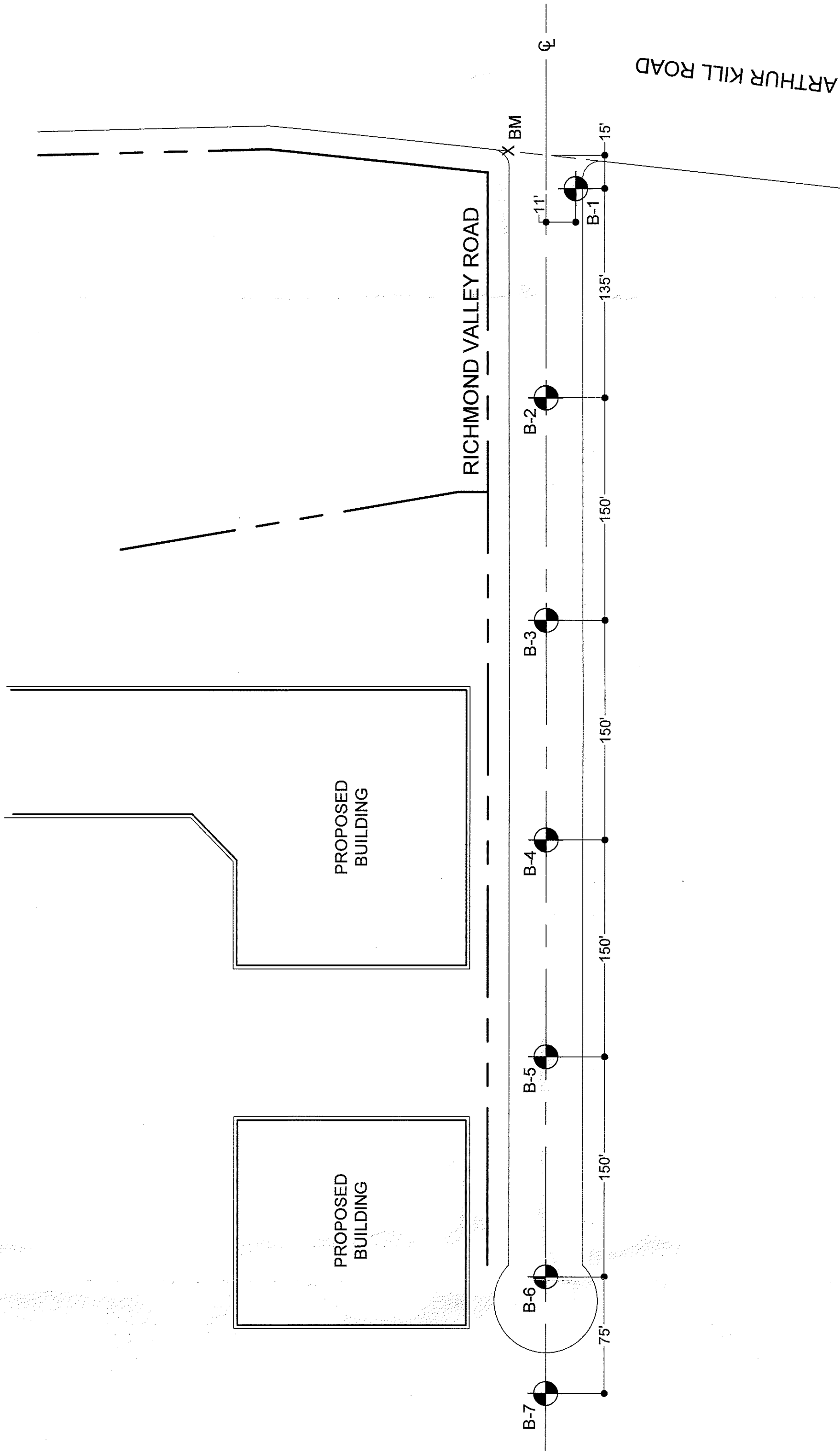
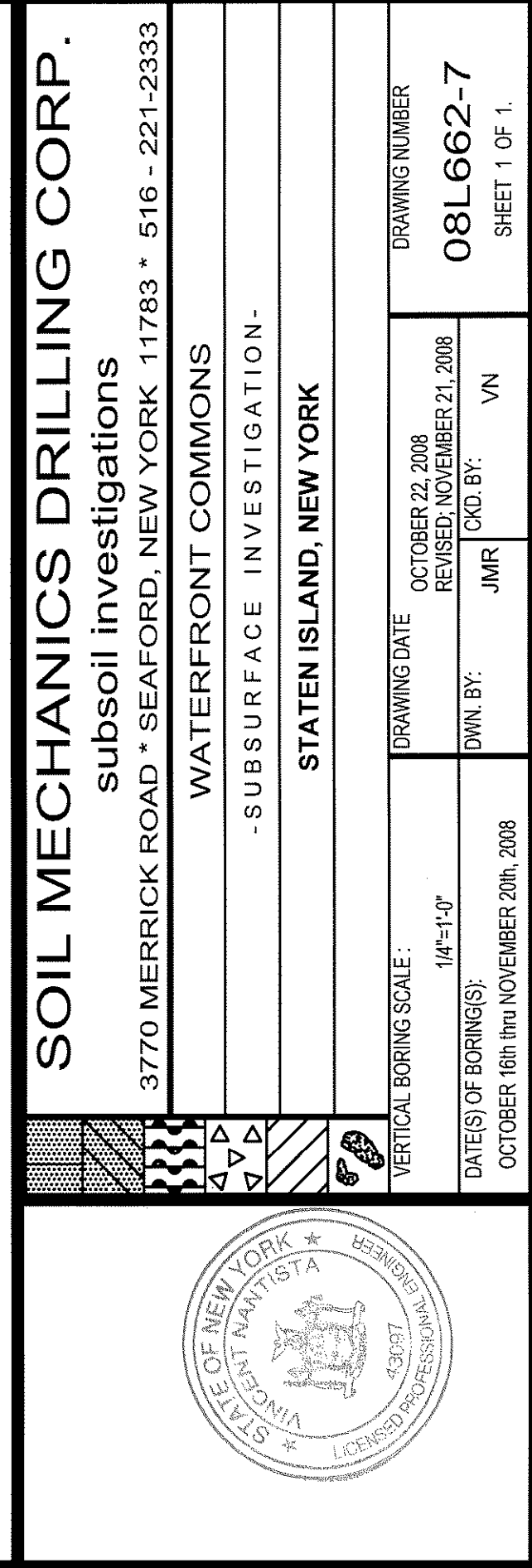
UTM Coordinates _____

9. Photography

APPENDIX 6
BORING LOGS



THE LIABILITY OF SALEM MECHANICS DRILLING CORP.'S OFFICERS OR EMPLOYEES FOR ERRORS OR OMISSIONS OR NEGLIGENCE RESULTING IN PERSONAL INJURIES, PROPERTY DAMAGE OR ANY CONSEQUENTIAL DAMAGES, IS LIMITED TO THE AMOUNT OF THE FEE PAID FOR THE REPORT. THE RETENTION OR USE OF ANY PART OF THIS REPORT WILL CONSTITUTE AN ACCEPTANCE OF THIS LIMITATION OF LIABILITY. IF THIS IS UNACCEPTABLE TO THE CLIENT, MUST NOTIFY SA. MECHANICS DRILLING CORP. IN WRITING BY CERTIFIED MAIL WITHIN SEVEN DAYS FROM THE DATE OF RECEIPT. THE FEE CHARGED FOR THIS REPORT IS BASED ON THIS LIMITATION OF LIABILITY WHICH IS THE ESSENCE OF THIS AGREEMENT. IF THE CLIENT WANTS A HIGHER LIMITATION OF LIABILITY, SA. MECHANICS DRILLING CORP. WILL NEGOTIATE ONE BASED UPON A HIGHER FEE BEING CHARGED FOR THE ADDITIONAL LIMITATION OF LIABILITY. SA. MECHANICS DRILLING CORP. HAS ASSUMED THE LIABILITY OF SA. MECHANICS DRILLING CORP. ITS OFFICERS OR EMPLOYEES HAVE NO LIABILITY OR RESPONSIBILITY TO ANY PERSONS OTHER THAN THE CLIENT FOR WHOM THIS REPORT WAS PREPARED. ANYONE OTHER THAN OUR CLIENT RELIES AT THEIR OWN RISK.

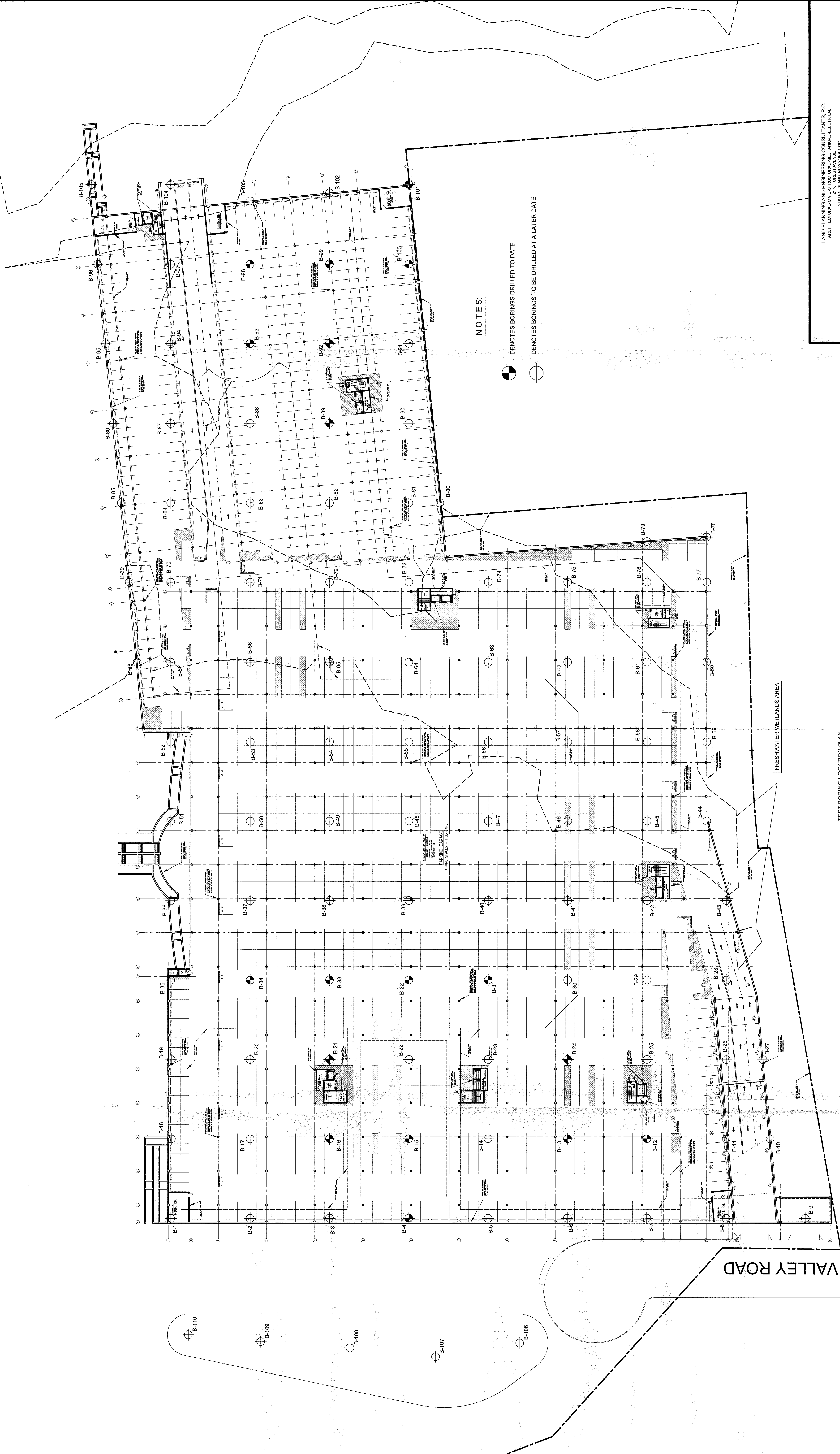


BORING LOCATION PLAN

SCALE : N.T.S.

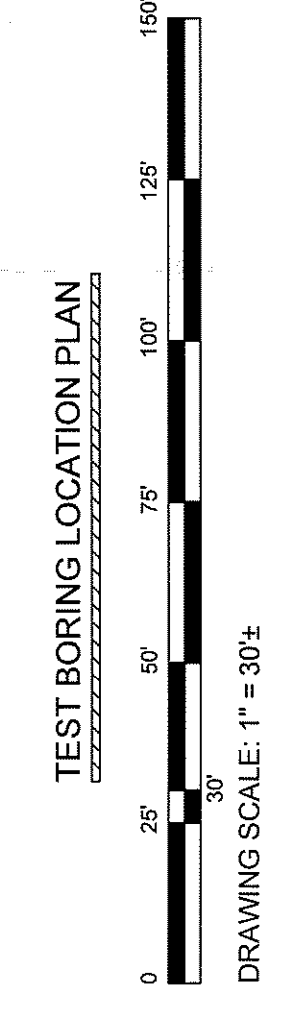
NOTES:

1. SOIL DESCRIPTIONS ARE BY VISUAL EXAMINATION OF SOIL SAMPLES RECOVERED DURING DRILLING OPERATIONS.
2. SOIL DESCRIPTIONS ARE IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM.
3. GROUND WATER WAS MEASURED INSIDE THE DRILL CASING AT THE COMPLETION OF EACH BOREHOLE.
4. SOIL STRATIFICATIONS ARE ACCURATE TO WITHIN 20 CM VERTICALLY.
5. ELEVATIONS WERE REFERENCED TO A M - AT POINT SHOWN ON PLAN. ACTUAL ELEVATION GIVEN 18'.
6. SOIL SAMPLES WERE OBTAINED USING A CENTRAL MINE EQUIPMENT (GME) AUTOMATIC TRIP HAMMER.
7. BORINGS DRILLED ARE IN ACCORDANCE WITH THE NEW YORK CITY BUILDING CODE REQUIREMENTS.



NOTES:

- ⊗ DENOTES BORINGS DRILLED TO DATE.
- ⊙ DENOTES BORINGS TO BE DRILLED AT A LATER DATE.



LAND PLANNING AND ENGINEERING CONSULTANTS, P.C.
ARCHITECTURAL, CIVIL, ELECTRICAL, MECHANICAL, ELECTRICAL
278 FOREST AVENUE
STATEN ISLAND, NEW YORK 10310

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SUBSURFACE INVESTIGATION
WATERFRONT COMMONS
ARTHUR KILL ROAD & RICHMOND VALLEY ROAD
STATEN ISLAND, NEW YORK

DRAWING NUMBER: 08L713.18
DRAWING DATE: JANUARY 9, 2009
DRAWN BY: CV
CHECKED BY: NMR
DATE OF BORINGS: DECEMBER 2, 3, 4, 5, 6, 9, 10, 11 & 12, 2008
SHEET 1 OF 2

