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ARCHAEOLOGICAL TESTING REPORT
WASHINGTON/BATHGATE URBAN RENEWAL AREA
BRONX, NEW YORK

BLOCKS 3036 and 3045 → 503 E 179th St



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LIST OF PERSONNEL

William I. Roberts IV	-	Principal Investigator Author
Paula M. Crowley	-	Laboratory Director Co-Author Artifact Analyst Word/Data Processor
William Goldsmith	-	Field Technician
Seamus McKiernan	-	Backhoe Operator



INTRODUCTION

The Washington/Bathgate Urban Renewal Area is located in the Tremont section of the Bronx, New York City. The entire Urban Renewal Area consists of portions of Blocks 3035, 3036, 3044, 3045, and 3046. Included are:

Block 3035	Lots 25-27 30-36 38 41
Block 3036	Lots 55 56 59 64
Block 3044	Lots 30 59-72
Block 3045	Lots 1 3 5 60
Block 3046	Lots 1 8 14-20 22-25 49 50 54 57 59-61

The Archaeological/Historical Sensitivity Evaluation report on the Washington/Bathgate Urban Renewal Area concluded that historic archaeological resources could survive on Block 3036, Lot 55; Block 3045, Lot 1; and Block 3046, Lot 57 and the adjacent Lot 56, formerly part of Lot 57. Archaeological testing was recommended for these three locations (Greenhouse Consultants 1997:22). This report covers testing at Blocks 3036 and 3045. The testing of Block 3046 will be the subject of a separate report. See Figure 1 for the location of the project area.

The general purpose of archaeological testing is to document the presence or absence of potential prehistoric or historic archaeological resources through the use of physical testing techniques. The specific purpose of this testing was to



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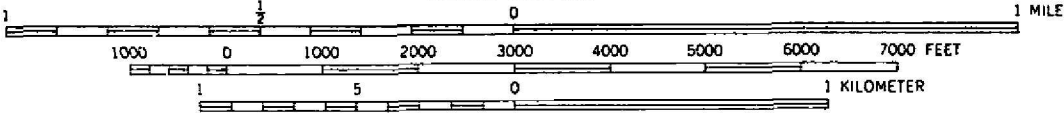


Figure 1 Location of project area shown on portion of U.S.G.S. 7.5 minute series, Central Park, New York quadrangle.



provide evidence of the presence or absence of potential historic archaeological resources on these two blocks. The expected resources consist of features associated with late nineteenth century residences. Expected features included privies as well as cisterns or wells, which would be located at or near the present surface since they were constructed on or cut into this surface.



METHODOLOGY

The subsurface archaeological testing of the Washington/Bathgate Urban Renewal Area Housing Project in The Bronx, New York began on June 2, 1997 and was completed on June 4, 1997. As stated in the scope-of-work for this testing, the technique used to examine buried deposits and thereby determine the presence or absence of archaeological resources was the mechanical excavation of trenches. A total of six trenches were excavated by backhoe, the results of which were closely monitored by archaeologists. This testing strategy was designed by the principal investigator, and approved by the staff of the New York City Landmarks Preservation Commission. See Figure 2 for the locations of the trenches.

The use of mechanical means of excavation expedites the removal of large quantities of fill. A total of approximately 4,385 cubic feet of soil were removed from the trenches, the dimensions of which varied from 13 feet to 30 feet long, five to six feet wide, and 4.9 to 6.6 feet deep.

Soil samples were selectively removed from the deepest layer encountered. This soil was then screened through ¼-inch mesh in order to recover artifacts. Artifacts were also recovered when they were observed in the trench by directing the backhoe operator to selectively remove them with the backhoe bucket. Soil strata were measured, described, and recorded for all trenches. All trenches were backfilled immediately following excavation and the recording of data.

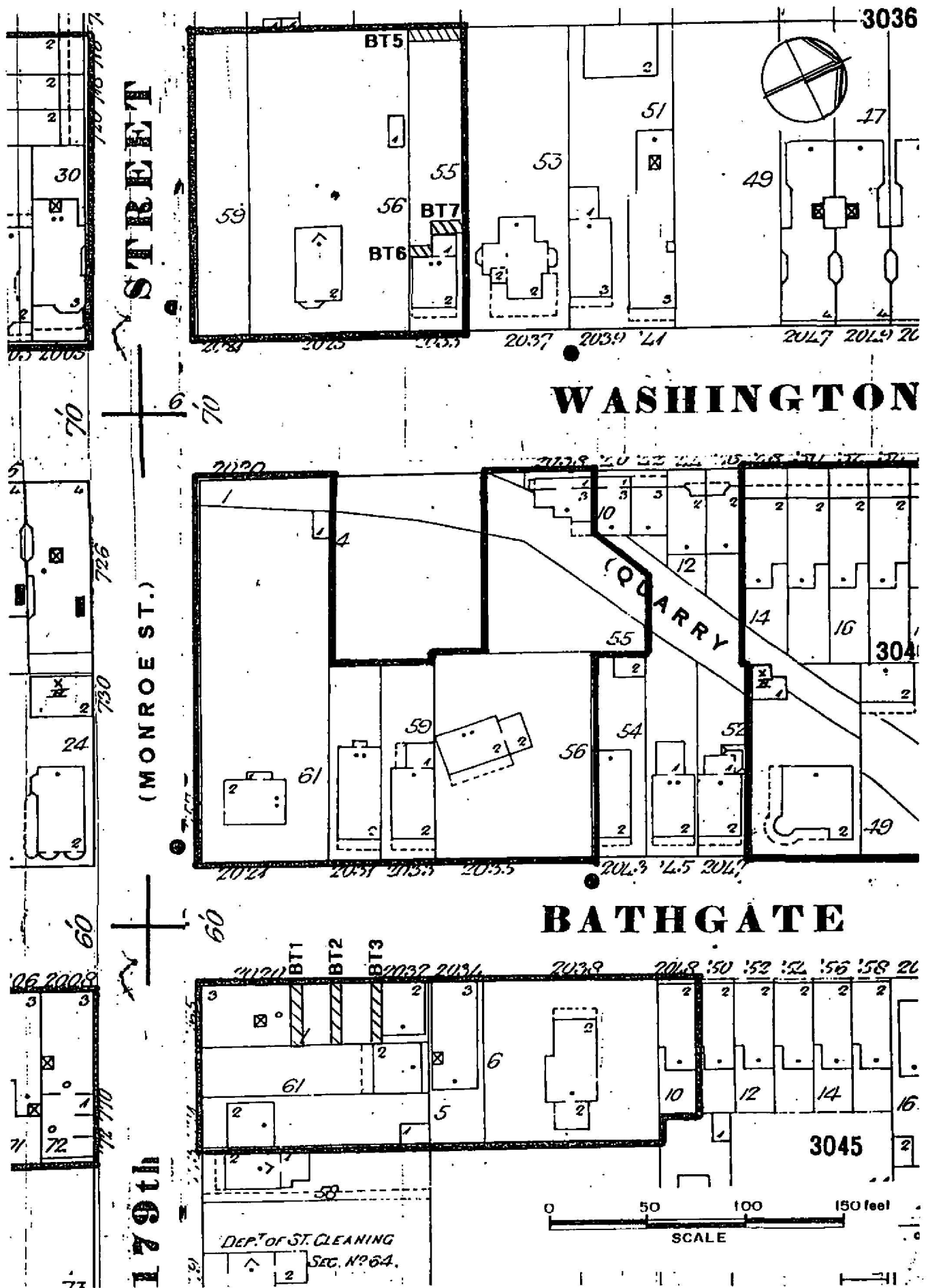


Figure 2

Location of Backhoe Trenches 1-3, and 5-7 within the project area.



STRATIGRAPHIC SUMMARY

Backhoe trenches 1 through 3 were located within Lot 1 on Block 3045. The former central yard of this lot was found to contain two major deposits. The upper deposit was a very dark brown sandy silt with fragments of brick, metal, wood, glass, etc. It was between 1.25 and 1.7 feet thick, averaging 1.5 feet thick. This top layer was identified as destruction rubble from the building formerly in this lot. Below this in most locations was a dark yellowish brown clayey silt with cobbles, boulders, and pockets of sand. The top of this deposit was found between 1.25 and 1.7 feet below grade, averaging 1.5 feet. This layer was identified as subsoil. Several other deposits were found in Backhoe Trench 1. These included two red brick mortar walls representing the rear wall of the original front building in this lot, and a rear extension. Also identified was a very dark greyish brown sandy silt with building debris which filled the cellar. A circular cistern constructed of red bricks and mortar with a domed top was found in Backhoe Trench 1. This feature was situated just behind the rear wall of the front building. The fill of the cistern consisted primarily of greyish brown silt with profuse coal ash and cinders. This fill contained only a few domestic artifacts. See Plates 1, 2 and 3.

Backhoe Trenches 5, 6 and 7 were located in Lot 55 on Block 3036. Four layers were recorded in each trench. The top layer in all three consisted of pavement, concrete in Backhoe Trench 5 and asphalt in Backhoe Trenches 6 and 7. Below the concrete in Backhoe Trench 5 was a dark greyish brown sandy silt with building rubble. This extended from 0.8 to 2.2 feet below grade. Below this layer was a layer of grey coal ash and cinders which was 0.3 feet thick. The deepest layer was a brown clayey silt with cobbles and pockets of sand. It began at 2.5 feet below grade. This layer was identified as subsoil, while the two layers above it were classified as fill. Backhoe Trenches 6 and 7 had a layer of dark brown or dark yellowish brown sandy silt with pebbles and cobbles beneath the asphalt. This layer was between 0.5 and 0.8 feet thick. It averaged 0.65 feet. Below this layer was a brown silty sand with building rubble. Thickness ranged from 2.6 to 3.8 feet, averaging 3.4 feet thick. Both the second and third layers were identified as fill. Beneath these was a yellowish brown sandy silt with cobbles. This layer began between 3.7 and 4.4 feet below grade, averaging 4.0 feet. This fourth layer was identified as subsoil. See Plates 4, 5, and 6



ARTIFACT PROCESSING AND ANALYSIS

Laboratory Methodology

The artifacts recovered from the field work were returned to the Greenhouse Consultants Laboratory in New York City for processing. The cultural material was washed in room temperature tap water, dried, marked, and catalogued. The drying procedure was slow air drying on screens in the laboratory processing area. The artifacts were 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 tyvek labels which was inserted with the artifact into clear polyethylene ziplock bags. 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 Paradox, a relational database software, which provides sorted inventory lists for contexts and artifact groups.

Preliminary sorting of cultural material was conducted in the field. Construction debris such as brick, mortar, asphalt, etc., were noted as present on the field sheets and discarded in the field. The discarded material is noted in the database inventory and assigned a D for discarded, instead of a catalog number.

Contexts were assigned series numbers in accordance to the type of data recovery method. Backhoe trenching is identified by the 4000 series.

Analysis

The two artifacts were retained from the six backhoe trenches and brought back to the Greenhouse Consultants laboratory for processing. Both artifacts were from Context 4001.05 of Backhoe Trench 1. Both artifacts were small fragments of undecorated ironstone ceramics. The paste and glaze is more refined on Catalog #38 as opposed to the crazed glaze of #37. The ironstone ceramics have been in use during the nineteenth and twentieth centuries.

No prehistoric artifacts were recovered.

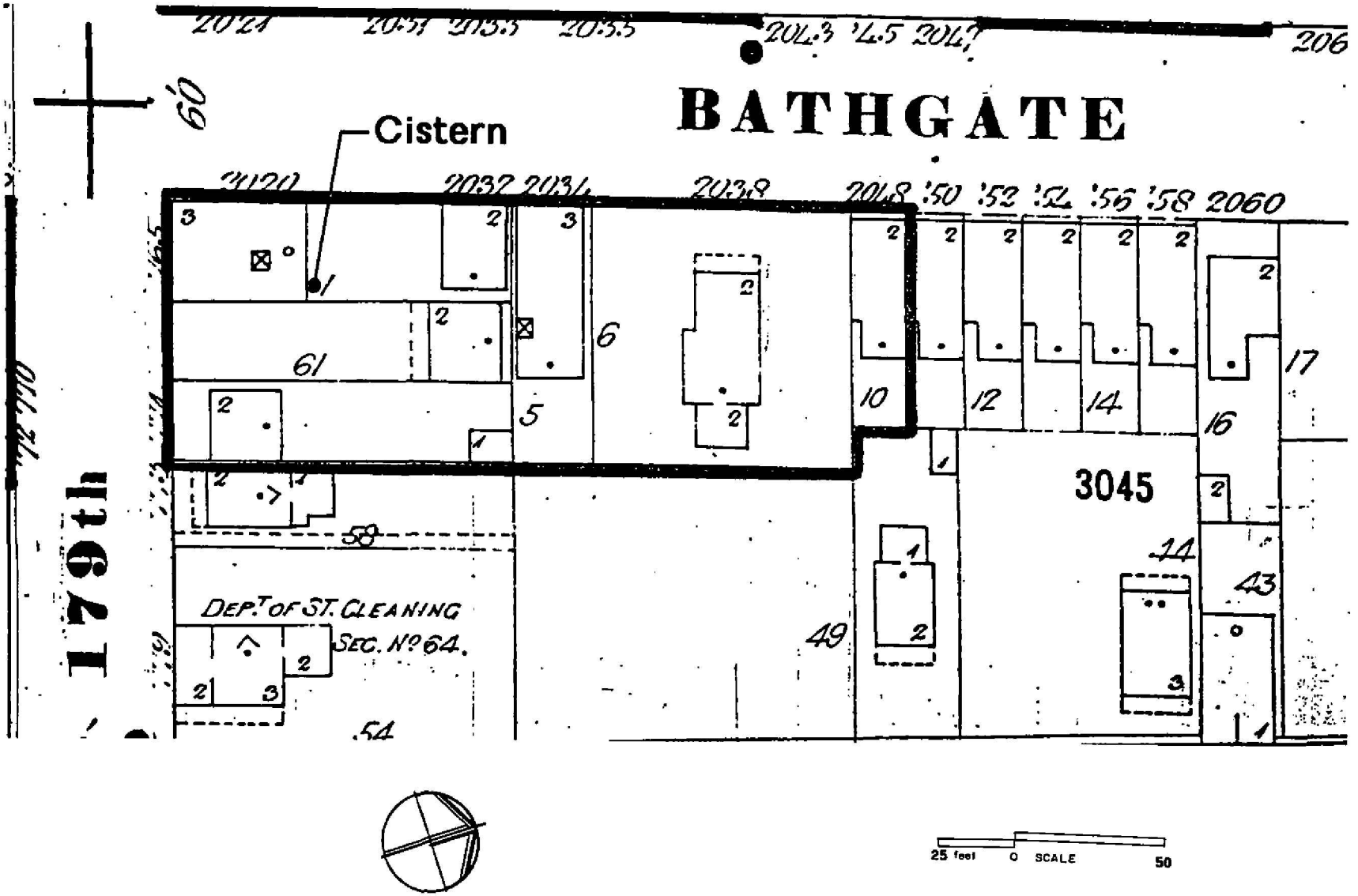


Figure 3 Plan of Block 3045, Lot 1 showing cistern location.



RESULTS

Backhoe Trenches 1 through 3 were designed to search for evidence of features used by the Keegan family, William E. Marshall, or Alexander Fraser. Fraser was a policeman, and the occupations of Marshall and John Keegan are unknown. All lived in the two structures on this lot during 1890-1896 (Greenhouse Consultants 1997:19-22). Backhoe Trench 1 produced evidence of a brick cistern behind the front structure, once occupied by Alexander Fraser and others. The fill of this cistern did not contain many domestic artifacts but was composed primarily of ashes and cinders, making it unlikely that analysis of the contents would provide evidence regarding the life of the Frasers or other residents.

Backhoe Trenches 5 through 7 were designed to search for evidence of features filled by the Bogart family during the 1890s. William H. Bogart was a policeman (Greenhouse Consultants 1997:18-22). No evidence of any features such as privies, cisterns or wells was found in these trenches.



CONCLUSIONS AND RECOMMENDATIONS

It is our conclusion that no potentially significant cultural resources were found within the six mechanically excavated test trenches. Based on this subsurface testing, we further conclude that it is highly unlikely that any significant cultural resources will be impacted by the proposed housing project on Blocks 3036 and 3045. No evidence regarding the use of this project area during the prehistoric period was found.

We recommend that no additional archaeological testing or mitigation is necessary within Blocks 3036 and 3045 of the Washington/Bathgate Urban Renewal Area.



Plate 1 View of Backhoe Trench 1 looking west, showing cistern.



Plate 2 View of Backhoe Trench 2 looking west.



Plate 3 View of Backhoe Trench 3 looking west.



Plate 4 View of Backhoe Trench 5 looking north.



Plate 5 View of Backhoe Trench 6 looking south.



Plate 6 View of Backhoe Trench 7 looking south.



BIBLIOGRAPHY

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1997 Archaeological/Historical Sensitivity Evaluation, Washington/Bathgate Urban Renewal Area, Bronx, New York. Prepared for The New York City Department of Housing, Preservation and Development, New York, New York. Prepared by William I. Roberts IV and Paula M. Crowley, Greenhouse Consultants, New York, New York.

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APPENDIX 1
SURVEY RECORD FORMS

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <i>Washington / Pathgate</i>		COORDINATES : <i>Block 3075 1st Fl</i>			
SITE :	SUPERVISOR : <i>WR</i>	EXCAVATOR : <i>Back hoe</i>	SCREENED ? <i>1/4 Samples</i>	DATE : <i>6-2-77</i>	TEST TYPE AND NO. : <i>Backhoe Trench #1</i>
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	0-1.25	<i>Sandy silt (Metal, wood, brick)</i>	<i>10gr 2/2 by DKW</i>	<i>Building mat- Ditto glass (car)</i>	<i>Fill</i>
2	1.25-?	<i>Clayey silt w/ sh. sand</i>	<i>10gr 4/6 OK soil BR</i>	<i>NCM</i>	<i>Subsoil</i>
3	1.25-?	<i>CUT STEEL MORTAR</i>			<i>Roof wall of building</i>
4	1.25-?	<i>RED BRICK MORTAR</i>		<i>Red brick + mortar (Discard)</i>	<i>Top of plaster</i>
5	2.5-?	<i>Sandy silt w/ coal ash sh. sand</i>	<i>10gr 5/2 Spanish BR</i>	<i>ceramics 2 pc. retained</i>	<i>Fill of clay</i>
6				<i>* Discard (red brick mortar)</i>	
7	1.25-?	<i>red brick mortar</i>			<i>Wall of Do. ID. EXT.</i>
8	1.25-?	<i>Sandy silt (Brick, Dr B)</i>	<i>10gr 3/2 OK soil BR</i>		<i>cellar fill</i>
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.) <i>Stopped at 6 FT</i>					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <i>Washington / Pathgate</i>		COORDINATES : <i>65 SW 210 1st Fl</i>			
SITE :	SUPERVISOR : <i>WR</i>	EXCAVATOR : <i>Backhoe</i>	SCREENED ?	DATE : <i>6-2-77</i>	TEST TYPE AND NO. : <i>Backhoe Trench #2</i>
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	0-1.7	<i>Sandy silt</i>	<i>10gr 2/2 by DKW</i>	<i>Brick, wood metal + Discard</i>	<i>Fill</i>
2	1.7-?	<i>Clayey silt w/ sh. sand</i>	<i>10gr 4/6 OK soil BR</i>	<i>NCM</i>	<i>Subsoil</i>
3					
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.) <i>Stopped at 5.7</i>					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>Washington / F. H. ...</u>		COORDINATES <u>86' SW of Bldg 304</u>			
SITE :	SUPERVISOR : <u>WR</u>	EXCAVATOR : <u>Backhoe</u>	SCREENED ?	DATE : <u>6-2-97</u>	TEST TYPE AND NO. : <u>PHTH 3</u>
STRATIGRAPHY :					
LAYER	DEPTH =	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	0-1.5	Clayey silt	10yr 2/2 M DK BA	Brick, Asst. Tel. pieces	Fill
2	1.5-?	Clayey silt incl. cobble	10yr 4/2 DK	NCM	SUBSOIL
3		(Shift included)			
4					
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.) <u>Stopped at 5.5. (Schist - Beavert)</u> <u>10yr 2/1 Black</u>					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : <u>Washington / Backhoe</u>		COORDINATES : <u>Extremc Rear of lot 55</u>			
SITE :	SUPERVISOR : <u>WR</u>	EXCAVATOR : <u>Backhoe</u>	SCREENED ?	DATE : <u>6-3-97</u>	TEST TYPE AND NO. : <u>BT #5</u>
STRATIGRAPHY :					
LAYER	DEPTH =	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	0-8	Concrete	-	-	Concrete
2	.8-2.2	SANDY SILT w/ RED BRICK + SIM w/ RED BRICK + SIM	10yr 3/2 DK	Red Brick, Silt metal - mixed	Fill
3	2.2-2.5	Coal ash chunks	10yr 6/1 gray	Coal ash chunks	Fill
4	2.5-?	Clayey silt incl. cobble	10yr 5/3 Brown	NCM	SUBSOIL
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.) <u>Stopped at 4.9ft.</u> <u>layer 3 only at N END</u>					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : Washington / BATHGATE		COORDINATES : Opp 5th St South End of lot			
SITE :	SUPERVISOR : WLR	EXCAVATOR : Backhoe	SCREENED ? /	DATE : 6-3-90	TEST TYPE AND NO. : BT#6
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	0-0.1	ASPHALT	10yr 2/1 Black	NCM	ASPHALT
2	0.1-0.9	SANDY SILT w/ RED BRICK FRAGS	10yr 4/4 DK YEL BN	RED BRICK FRAG	FILL
3	0.9-3.7	SILTY SAND w/ RED BRICK FRAGS WOOD	10yr 5/3 BROWN	RED BRICK, STICK WOOD DISCARDED	FILL
4	3.7-?	SLIGHTLY SANDY w/ COARSE SILT	10yr 5/6 YEL BN	NCM	SUBSOIL
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.)					
Stopped at 6.5ft SOUTH END only was ash pit 10yr 2/2 (coal ash, cinders w/ a little silt) DK gray BN					
Cross Refs :					
Plan			Photos		
Section			Notebook		

SURVEY RECORD SHEET : Postholes, Auger holes, Shovel tests

PROJECT : Washington + BATHGATE		COORDINATES : 1st FT South of 5th St			
SITE :	SUPERVISOR : WLR	EXCAVATOR : Backhoe	SCREENED ?	DATE : 6-3-90	TEST TYPE AND NO. : BT#2
STRATIGRAPHY :					
LAYER	DEPTH *	DESCRIPTION	COLOR	CULT. MAT.	NOTES
1	0-11	ASPHALT	10yr 2/1 Black	NCM	ASPHALT
2	1-1.6	SANDY SILT w/ BRICK FRAGS	10yr 4/4 DK BN	RED BRICK	FILL
3	1.6-4.4	SILTY SAND w/ RED BRICK FRAGS	10yr 5/3 BROWN	BUILD, RUBBLE	FILL
4	4.4-?	SANDY SILT w/ BRICK FRAGS	10yr 5/6 YEL BN	NCM	SUBSOIL
5					
6					
7					
8					
* Give depths relative to ground surface					
General Notes : (Note if cult. material retained, and if soil samples are taken.)					
Stopped at 6.6ft					
Cross Refs :					
Plan			Photos		
Section			Notebook		

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APPENDIX 2
ARTIFACT INVENTORY

APPENDIX 2
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: Ambiguous Items of Material Culture

APPENDIX 2

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

GROUPS AND CLASSES

- 01 KITCHEN GROUP
 - 01 Dishes
 - 02 Containers
 - 03 Tableware
 - 04 Kitchenware
- 02 FAUNAL/FLORAL GROUP
 - 01 Mammalia
 - 02 Aves
 - 03 Reptilia
 - 04 Amphibia
 - 05 Pisces
 - 09 Ethnofaunal/Zoological
 - 16 Ethnobotanical
- 03 ARCHITECTURAL GROUP
 - 01 Window glass
 - 02 Nails
 - 03 Spikes
 - 04 Door & Window hardware
 - 05 Other structural hardware
 - 06 Construction materials
- 04 FURNITURE GROUP
 - 01 Hardware
 - 02 Materials
 - 03 Lighting device
 - 04 Decorative furnishings
- 05 ARMS GROUP
 - 01 Projectiles
 - 02 Cartridge case
 - 03 Arms accessories
 - 04 Gun parts
- 06 CLOTHING GROUP
 - 01 Apparel
 - 02 Ornamentation
 - 03 Making and repair
 - 04 Fasteners
- 07 PERSONAL GROUP
 - 01 Coins
 - 02 Keys
 - 03 Writing paraphernalia
 - 04 Grooming and hygiene
 - 05 Personal ornamentation
 - 06 Other personal items
- 08 TOBACCO PIPE GROUP
 - 01 Kaolin pipe class
 - 02 Nonkaolin pipe
 - 03 Smoking accessories
- 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
- 10 PREHISTORIC GROUP
 - 01 Hunting and fishing activities
 - 02 Domestic activities
 - 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
- 11 SAMPLES
 - Charcoal samples for radiocarbon dating
 - Flotation samples
 - light fraction
 - heavy fraction
 - Soil samples
- 98 UNSPECIFIED GROUP

MATERIALS - COMMON LIST (CLASSIFIED)

- INORGANIC MATERIALS
- CERAMIC
 - 001 Porcelain
 - 002 Stoneware
 - 003 Earthenware
 - 004 Whiteware/ironstone/granite
 - 134 Undifferentiated ceramic
- CLAY
 - 047 Clay
 - 062 Kaolin
 - 079 Red clay
- CONSTRUCTION
 - 069 Brick
 - 071 Cement
 - 070 Mortar
 - 072 Plaster
- GLASS
 - 013 Milk glass
 - 078 Glass
 - 112 Slag and clinker
- METALS
 - 005 Tin
 - 019 Silver
 - 021 Gold
 - 026 Cuprous metal
 - 028 Ferrous alloy
 - 029 Aluminum
 - 032 Steel
 - 034 Lead
 - 035 Chrome
 - 096 Mercury
 - 136 Undifferentiated metal
- STONE
 - 129 Agate
 - 075 Asbestos
 - 133 Chalk
 - 052 Chert
 - 042 Granite
 - 046 Gravel
 - 109 Jet
 - 038 Limestone
 - 041 Marble
 - 049 Mica
 - 058 Obsidian
 - 057 Ochre
 - 068 Precious stone
 - 053 Quartz
 - 054 Quartzite
 - 039 Sandstone
 - 044 Shale
 - 040 Slate
 - 060 Soapstone
 - 043 Schist
 - 126 Undifferentiated stone
- ORGANIC MATERIALS
- CELLULOSIC
 - 115 Bark
 - 108 Burlap
 - 128 Charcoal
 - 092 Cork
 - 087 Cotton
 - 131 Fiberboard/masonite
 - 085 Hemp
 - 011 Paper
 - 006 Wood
 - 121 Cellulose seeds/seed covering
- CONSTRUCTION
 - 093 Asphalt
 - 125 Formica
 - 101 Linoleum
 - 102 Tar paper
- WAX
 - 076 Wax
- GUM/RESIN
 - 010 Rubber, elastic
 - 009 Rubber, hard
- PETROCHEMICALS
 - 073 Carbon
 - 095 Coal
 - 048 Graphite
 - 116 Tar
- PROTEIN
 - 118 Chitin (arthropod, exoskeleton)
 - 106 Felt
 - 122 Flesh
 - 016 Hair
 - 117 Keratin (horns/fingernails/claws)
 - 015 Leather
 - 107 Silk
 - 090 Sponge, natural
 - 105 Wool
- COMBINATION MATERIALS
 - 017 Bone
 - 132 Ivory
 - 067 Pearl
 - 089 Shell
- SYNTHETIC MATERIALS
 - 103 Celluloid
 - 088 Nylon
 - 008 Plastic
 - 077 Soap
 - 091 Sponge, synthetic
 - 104 Synthetic
- TEXTILE
 - 151 Undifferentiated textile

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

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

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

APPENDIX 2

C. Table for Data Base Coding Chart: 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	0	015

Washington/Bathgate
 Urban Renewal Area
 The Bronx, New York
 Artifact Inventory
 Blocks 3036 and 3045

Context	Gp	Cl	Mat	Identity	Count	Comments	Reference	Range	Cat#
Context	4001.01								
4001.01	01	02	029	Cans					D
4001.01	01	02	078	Bottle glass					D
4001.01	03	06	137	Building material					D
4001.01	09	11	008	Plastic					D
				Subtotal =	0				
Context	4001.04								
4001.04	03	06	069	Red brick					D
4001.04	03	06	070	Mortar					D
				Subtotal =	0				
Context	4001.05								
4001.05	01	01	004	Ironstone	1				37
4001.05	01	01	004	Ironstone	1				38
4001.05	98	00	095	Cinders/Coal ash					D
				Subtotal =	2				
Context	4001.06								
4001.06	03	06	069	Red brick					D
4001.06	03	06	070	Mortar					D
				Subtotal =	0				
Context	4001.07								
4001.07	03	06	127	Building debris					D
				Subtotal =	0				
Context	4002.01								
4002.01	03	05	006	Wood					D
4002.01	03	06	069	Brick					D
4002.01	09	11	136	Metal					D
				Subtotal =	0				
Context	4003.01								
4003.01	03	06	006	Wood					D
4003.01	03	06	069	Brick					D
4003.01	09	11	136	Metal					D
				Subtotal =	0				
Context	4005.02								
4005.02	03	06	006	Wood					D
4005.02	03	06	069	Red brick					D
4005.02	03	06	126	Stone					D
4005.02	09	11	136	Metal					D
				Subtotal =	0				
Context	4005.03								
4005.03	98	00	095	Cinders					D
4005.03	98	00	095	Coal ash					D
				Subtotal =	0				
Context	4006.02								
4006.02	03	06	069	Red brick					D
				Subtotal =	0				
Context	4006.03								
4006.03	03	06	006	Wood					D
4006.03	03	06	069	Red brick					D
4006.03	03	06	126	Stone					D
				Subtotal =	0				
Context	4007.02								
4007.02	03	06	069	Red brick					D
				Subtotal =	0				
Context	4007.03								
4007.03	03	06	069	Red brick					D
4007.03	09	11	136	Metal					D
				Subtotal =	0				
				TOTAL =	2				