RIVERDALE PARK ARCHAEOLOGICAL PROJECT

(RPAP)

COLLECTION USER'S GUIDE

Laurie Boros
with contributions by
Valerie DeCarlo
Barbara Hildebrand

November 9, 1989
CONTENTS

Preface...i
Introduction...ii
Acknowledgements...iii
Wave Hills Archaeology Project...1
Tasks to be Completed...16
Xerox List...17
Abbreviations...18
Site Numbers...19
Artifact Organization...20
Box Labels...21
Color Slide Organization...22
   Slide Log Blank...24
Photo Organization...25
   Photo Log Blank...26
Catalogue Notebook...27
Lab Log...28
   Lab Log Blank...29
Artifact Inventory...30
   Artifact Inventory Blank (E.U.)...31
   Artifact Inventory Blank (S.T.)...32
Catalogue Numbers with No Artifacts...33
Missing Bags...34
Artifact Numbers...35
Feature Numbers...36
Artifact Numbering...37
Computer Tabulation...38
   Computer Tabulation Blank...39
Project Documents/Maps...40
Artifact Identification...41
Drafting...43
Soil Samples...44
Curation of Faunal Remains...45
Box Inventory...47
Catalogue Location...54
Appendices...60
   Excavation Unit Blank...61
   Shovel Test Blank...62
Artifact Identification References...63
Additional Suggested References...64
RIVERDALE PARK ARCHAEOLOGICAL PROJECT

PREFACE

It is recommended by the Principle Investigators of the RPAP that a professional curator/collections manager survey the artifact assemblage for curational requirements. The collection contains a wide assortment of material types which display differential stability characteristics. Some of the more sensitive artifacts are already decomposing and require immediate attention. The collection will require on-going monitoring. Specific determinations and recommendations will be the outcome of a specialists' scrutinization.

Minimally, the humidity in the storage area should be controlled with a dehumidifier, and monitored with a humidity gauge. Humidity should be kept below 45%. A cool environment is also preferable.

Laurie Boros
Wave Hill
November, 1989
INTRODUCTION

The USER'S GUIDE is intended as a vade mecum/ready reference for the use of the Riverdale Park Archaeological Collection. It is a synopsis of the paper trail produced by four and one half years of work in Riverdale Park and the Archaeology Lab at Wave Hill. A strictly descriptive organizational compilation, the USER'S GUIDE contains no analytic or interpretive information, and concentrates on lab, not field, procedures and accomplishments. It is simply a quick (relatively) guide to what has been done and what has not been done regarding artifact processing, artifact organization, project data, drafting, etc., how these things have been done, where to find the information, where to find the artifacts, and what is contained in the lab records produced thus far.
ACKNOWLEDGEMENTS

The Principle Investigators wish to thank our lab crews, interns, and volunteers, without whom the bulk of the lab work would never have been accomplished.

Joann Arias
Sammy Ayala
Cari Caro
Sharon Dinitz
Conrad Fernandez
Matt Frank
Virginia Franklin
Esther Friend
Joe Gettler
Barbara Hershey
Jae Hitdesman
Brian Ludwig
Dana Matsushita
Reni Matsushita
Jenni McHugh
David Meade
Eddie Montero
Frank Murphy
James Navarro
Andrea Palczewski
Lynn Pietak
Alan Ron
Bob Rose
Ada Smolin
Lindsay Stefans
Ed Stein
Linda Stone
Ava Zelenetsky
Lisa Zidek
WAVE HILL'S ARCHAEOLOGY PROJECT

Project History

Wave Hill's archaeology project began in 1985. The original purpose was to survey Riverdale Park for cultural resources and, from this information, produce a report on the findings including recommendations for the management of these resources. As the landowner, the New York City Department of Parks and Recreation was to assume the responsibility for implementing the management. This would then be incorporated into the Capital design for the park. With historic preservation as the governing ethic in American archaeology, the principal goal would be preservation of the park's resources.

Management recommendations, in this case, considered the proposed Capital restoration as well as the future use of the park, as potential impacts on the cultural resources. In addition, impacts such as ongoing erosion and current park use also had to be considered. All such impacts would need to be eliminated or minimized in order to preserve the cultural resources.

The first stage of the project involved documentary research which indicated the existance of several historic sites within the park. A preliminary archaeological survey,
conducted in 1984, had previously located three prehistoric sites as well. With the presence of significant cultural resources clearly established, the next step involved the design and execution of a field survey to locate and identify both documented and undocumented cultural resources.

By the end of the first field season nearly two-thirds of the park had been tested. A total of eight sites had been located as well as a number of historic resources such as a stone stairway and property walls. In conducting the survey it also became evident that a great deal of the archaeological sites were being lost through erosion and looting. These impacts were too severe to await the completion of the study and the subsequent implementation of the management recommendations. This process would take several years and the resources were being lost at an alarming rate.

In response to this situation, Wave Hill began rescue excavations on the most severely eroding site, a prehistoric shell midden. Before this excavation was completed, however, salvage work had to be shifted to another site that was being destroyed by looting.

At this point, public programs were established to address the need for increased labor to conduct these rescue
excavations. The first program was an adult dig workshop that resulted in the creation of a corps of trained field volunteers. The second program was a summer youth crew that employed local high school students. Both programs were enormously successful and attracted a great deal of attention to Wave Hill's archaeology project. As a result of this success, additional public programs were developed. These included laboratory volunteers, high school, college, and graduate internships, weekend walks, public lectures, and a pilot curriculum in archaeology for elementary school.

Our philosophy is that a project on public land demands the development of public programs in order to share the knowledge and experience with the public. By integrating public programs into the project we had hoped to accomplish much of the necessary field and lab work.

Unfortunately, training and supervising nonprofessionals is extremely time consuming. It is impossible for a staff of two to conduct research, planning, fieldwork, lab analysis, and public programs. While the public aspect of the project was enormously successful, the research and management needs of the project were neither being addressed nor met. The situation escalated as more and more cultural resources were discovered in the park. The demands of the project were exceeding the fiscal and personnel capacities of the institution. While Wave Hill had begun espousing the notion
that the park's cultural resources were being responsibly managed through the archaeology project, the reality of the situation was that management needs were not fulfilled.

Cultural Resources in the Park

As a strip of Hudson River shoreline, the park's potential for containing significant cultural resources was recognized from the onset of the project. As already mentioned, preliminary research and fieldwork provided evidence that this assumption was correct. However, this could only be confirmed through systematic field testing.

Cultural resources, for this project, are broadly defined as any remains of human activity and land use. These can include archaeological sites, artifacts, structures, landscape features, and individual plants. For example, ornamental trees might be considered as cultural resources if they were purposefully planted and were in their original contexts. Therefore, "runaway" invasives such as porcelainberry would not be considered cultural resources.

Cultural resources in Riverdale Park include:

1. a stone stairway and stone path possibly constructed in the early 20th century as part of renovations to the Wave Hill estate. This complex represents physical
manifestations of late Victorian attitudes about the natural environment.

2. three stone property walls marking boundaries of 19th century property lines. These walls are reminders of historic land use as private property and are relatively rare within the city.

3. stone retaining walls. While reflecting historic land management practices, they also serve as important current erosion controls.

Eight archaeological sites have been located in the park, to date. Approximately one third of the property still requires field testing to locate potential resources.

Of these eight archaeological sites, three are of the historic period. These sites include the remnants of two lime kilns. One of these dates to the early 19th century and is just one component of a more complex site. Called the "Canal House site", it is comprised of a house foundation, carriage road, dock, property walls and landscape features. The other kiln, for which no documentation exists, may be associated with a nearby nineteenth-century building foundation. This foundation is the only historic site that has been investigated archaeologically.
These historic sites, as surviving examples of industrial activity, may furnish information about local trade networks. As combined residential/industrial sites, an insight into management/labor relationships on a local scale may be gained. In addition, they may provide an understanding of the social and economic status of the working class in the otherwise affluent "villa" community of nineteenth-century Riverdale. The dock, (part of the Canal House site), is apparently the oldest extant waterfront structure in New York City, and provides more comparative data for maritime architectural studies.

Of the five prehistoric sites, three are shell middens. To date, two of the middens have been tested and appear to represent short-term oyster harvesting episodes. Additionally, both of the sites have revealed evidence suggesting an earlier occupation, not related to shellfishing or other riparian activities. Only one of the midden deposits has produced diagnostic material, a Levanna point and East River incised pottery, both dating to the Late Woodland. The earlier occupation at this site is tentatively dated to the Early Woodland based on the presence of Vinette I-like pottery. If this preliminary identification is correct, the Early Woodland component represents a relatively rare resource in the lower Hudson Valley.
No diagnostic material was recovered from the midden deposit at the second shell midden site. However, there is also another component here which has produced pottery from the Late Woodland, as well as several projectile points dating to the Late Archaic. The tool assemblage from this deposit appears to represent plant processing and some tool manufacturing. In addition, a soil scientist has identified several significant geological deposits uncovered at this site, one of which contains the prehistoric occupations. With this data it is now possible to reconstruct the development of this land form as well as the relationship between geological and cultural processes.

As there is so little archaeological evidence from the lower Hudson Valley, these sites will contribute to the general understanding of the prehistoric period. In addition, the region's archaeological record is disappearing at an alarming rate. This park provides the opportunity to properly preserve and protect these cultural resources for the future.

The remaining section to be tested has been identified as an intact landform that, like much of the park, has survived relatively undisturbed by modern encroachments. Limited testing for soils data has produced evidence that an extensive shell midden site may be located here.
Archaeological testing would be necessary to confirm this interpretation.

In summary, archaeological testing and excavation, coupled with pedological/geological research, clearly indicates the existence of significant cultural resources throughout much of Riverdale Park. Preliminary interpretation suggests that these resources represent Late Archaic, Early Woodland, Late Woodland, and nineteenth-century occupations. This cultural sequence represents much of the continuum of human occupation for the lower Hudson Valley. In addition to these cultural resources, the presence of significant geological deposits signals the importance of managing and preserving this property. The significance of what remains intact in Riverdale Park should not be underestimated. In addition to a number of historic sites, this strip of land contains an extensive soil horizon that is known to contain several prehistoric sites and has the potential for yielding much more.

Public Archaeology Programs

The uniqueness of Wave Hill's archaeology project was the combination of cultural resource management and public education. Although the principal goal of the project was to study and preserve the park's cultural resources, many
opportunities to include the public were developed and implemented.

The archaeology project featured two types of public outreach: the first was direct participation in the project. The other, general audience outreach, included such things as archaeology walks, lectures, films, and school presentations. These programs were designed to reach a broader audience. In all of these, the primary goal was to promote public awareness of archaeology. Specifically, ethics and the preservation and protection of cultural resources were an important part of every outreach. In addition, there was a commitment to the sharing of knowledge and the experience of archaeology with the public.

There were four direct participation programs including adult dig workshops; summer youth crew; high school, college, and graduate school interns; and a volunteer field crew.

The adult dig workshops featured 4 training sessions on successive weekends. Participants learned field techniques at the site currently under investigation. This resulted in a core group of experienced volunteers who helped with excavation and demonstrations during public programs.

Perhaps the most successful of the programs was the summer
youth crew. Here, Bronx high school students were employed as field technicians for nine weeks. Using college field schools as a model, the teens received training in both field and laboratory techniques, as well as classroom instruction in method and theory. Training also included the completion of required reading and passing a written examination. In effect, they received a college-level introduction to archaeology as a professional field of study. Response to this program was so positive that a local newspaper described it as the most popular summer work/study program in the Bronx. The teens themselves were extremely receptive and dedicated and, in fact, several are now considering careers in anthropology or archaeology.

The archaeology project was also offered as one of the internship options for students from an alternative high school in the Bronx. Students could elect to intern for one or more semesters and receive credit for their work.

The college and graduate school internships provided students with practical experience in archaeology. These internships were tailored to meet individual interests and included research, field work, analysis, or lab work. All of the interns were encouraged to use project research or data in their own studies.

In addition to the general audience outreach and direct
participation programs, there was a pilot curriculum for elementary school application. This was jointly developed with a science teacher in a Manhattan public school and featured classroom exercises and site visits. The program was inaugurated in 1987 by naturalist/author David Attenborough in an on-site presentation for the class and the media.

The archaeology project also sponsored programs designed to reach special-interest and professional audiences. A day-long symposium on the prehistory of the lower Hudson Valley was held in 1987 which provided an open forum for discussion of regional problems. The symposium was extremely successful in rejuvenating interest in the region's prehistory and, in fact, there were countless requests for annual meetings of this kind.

Cultural Resource Management in Riverdale Park

The success of the archaeology project's public aspect is in sharp contrast with the progress of the management responsibilities. Existing public programs were rapidly expanding and new ones were being initiated. As a cultural institution Wave Hill was fulfilling its role in providing education programs not available in any other institution in the metropolitan area. Unfortunately, the demands of managing cultural resources in a public park required more
than a small institution, with no capacity for scientific research, could sustain. With adequate funding it may have been possible to execute the management as well as the public aspects of the project. However, without a substantial financial commitment, the project cannot continue.

The fact that Wave Hill's public programs in archaeology were so successful is perhaps the strongest indication of what the institution's role could, and should, be in Riverdale Park. Teaching about archaeology and its related subjects is what Wave Hill has done quite well.

The actual management requires measures even beyond the scope of an archaeological project. A major problem in the park, in terms of impacts on cultural resources, is severe erosion of nearly the entire ridge. Three of the prehistoric sites are suffering tremendous loss due to this erosion. It is suspected that there may be several more sites, as yet undetected, also undergoing such impact. The appropriate course of action is to stem the erosion and ensure the preservation of these sites. However, erosion control, in this case, is the responsibility of the landowner, the New York City Department of Parks and Recreation.

The other current impact, looting, can only be stopped with
adequate policing and public education. Again, the city must be responsible for site supervision. However, Wave Hill could continue to include in its education programs the idea of preservation and protection of our city's cultural resources.

The Capital restoration of Riverdale Park is another form of potential impact on the cultural resources. Without a specific plan for this restoration, it is impossible to address this issue in anything more than very general terms. Such broad-scale recommendations will be included in the final report on the archaeology project. More specific issues will need to be addressed by the Parks Department prior to the restoration. If it becomes necessary to "mitigate the adverse effects" of the restoration effort, it will be recommended that a university, or similarly research-oriented institution, (i.e. American Museum of Natural History), be contracted for this work.

Wave Hill's role in Riverdale Park must be redefined. Education programs in archaeology and regional history can still be conducted but can no longer feature field components because the management project will have ended. Unfortunately, the project will end before Wave Hill's preservation goals could be realized. It will now become the city's responsibility, and by extension, the public's, to see that Riverdale Park's cultural resources are properly
managed and preserved for the future.

The Future of Public Archaeology in New York City

The significance of public outreach in New York City archaeology should not be underestimated. With 26,000 acres of public land containing resources that are largely unprotected and subject to extensive impacts, the only protection may be public awareness and a willingness to take part in preservation.

Archaeologists must work with the public to preserve our region's cultural resources. In a world where funding is always decreasing, management, preservation, and enforcement shortages will not be met without public assistance.

Professional archaeological projects can combine contributions to the discipline with dissemination of information to the public. However, the combined efforts of archaeologists and the public will not be effective without government support both financially and legislatively. Wave Hill's archaeology project is a perfect example of what can befall an otherwise successful effort without government assistance. Neither the archaeological community nor the public can keep pace with the tremendous amount of destruction of archaeological sites in city parks. The preservation of cultural resources must be firmly rooted in
government policy and practice to assure survival of the resource base. Perhaps the greatest contribution of Wave Hill's archaeology project will not be new information about the human past but the message that much work still needs to be done to preserve that past.

Valerie DeCarlo
Director of Archaeology

Laurie Boros
Assistant Director of Archaeology

March 29, 1989
TASKS TO BE COMPLETED: SUMMARY SHEET

Artifacts to be washed (check LAB LOG)

Artifacts to be numbered (check LAB LOG, see "Artifact Numbering")

Artifacts to be re-numbered (see "Artifact Numbering: Caution")

Artifacts to be identified (check individual analysts sheets/reports:
Ceramics, Faunal, Lithic. Also, check Computer Tabulation. See "Artifact Identification").

Copies made of PROJECT DATA and PROJECT INFORMATION (see "Xerox List").

TYVEK*Box Labels produced and applied (see "Box Labels").

TYVEK Bag Labels produced and placed within each Catalogue number bag (in the event that the provenience info written on the outside of the bag rubs off).

Bag Label Format:

RIVERDALE PARK ARCHAEOLOGICAL PROJECT

SITE #: CAT. #:

E.U./S.T.:

STR:

Drafting completed (see "Drafting").

---

1 This list is not meant as a comprehensive inventory. There may be other tasks which require completion.

* TYVEK - a synthetic "paper", waterproof and highly durable. Available at hardware stores.
XEROX LIST

The following is a list of Xerox copies already existing in the "PROJECT DATA" file. A copy of all Project Data should be produced and submitted to the Bronx Headquarters of the NYC Department of Parks and Recreation. Additionally, a back up copy of all Project Information and Project Data should be produced and housed elsewhere on the Wave Hill grounds.

Originals "inked" to improve Xerox quality (by file name):

Misc. 0071
Shovel Test Tab Sheets
Shovel Tests 0073
Shovel Tests Area 1
Shovel Tests Area 2
Shovel Tests Area 4
Shovel Tests Area 5
Misc. Cat. #'s
Ceramic Analysis

Xeroxes:

One copy:
E.U.'s: A-I, L-R, T, V
Misc. Cat. #'s
Lab Log
Lithic Identification
J.Levin Artifact Codes

More than one copy:
E.U.'s: J (3), K (4), S (3), U (2), W-Z (2), T&W (2), AA (2), AB (3), AC-AF (2), AG (3), AH (2)
Shovel Tests Area 1 (2)
Shovel Tests 0073 (2)

No copies:
Shovel Tests Tab Sheets
Shovel Tests Areas 2, 4, 5
Ceramic Analysis
Artifact Inventory (Two Blue Ring Binders)
Computer Tabs (Two Black Ring Binders)
Drawings
Faunal Identification
Photo and Slide Logs
Abbreviations

str. - strata
prof. - profile
RPAP - Riverdale Park Archaeological Project
E.U. - excavation unit
S.T. - shovel test
Cat. - catalogue
Art. - artifact
F. or Fea. - feature
RIVERDALE PARK ARCHAEOLOGICAL PROJECT

SITE NUMBERS

Sites are numbered using the New York State Historic Preservation Office assigned Inventory Numbers. Site description forms are with "PROJECT DATA," as well as being on file at the SHPO office in Albany. The numbers are as follows (only the last four digits are used for the RPAP):

A005-01-0066 Riverdale Park Archaeological District General Survey (stray finds, survey finds)
A005-01-0065 Lime Kiln Site
A005-01-0067 Canal House Site
A005-01-0068 Flake Site
A005-01-0069 Shell Midden (south)
A005-01-0071 Building Foundation Site
A005-01-0072 Historic/Prehistoric Midden (by Foundation)
A005-01-0073 Shell Midden (north)

Units by Site

0066 - B
0068 - C, E, F
0069 - A, D, G, H, I, J, K, L, M, N
0073 - AB, AC, AD, AE, AF, AG, AH

No Unit "O"
ARTIFACT ORGANIZATION

Artifact bags are organized on a site by site basis, by consecutive catalogue numbers. A total of 106 boxes of artifacts and soil samples, encompassing over 30,000 individual artifacts, are present for the Riverdale Park collection. Soil samples from all sites are boxed and shelved separately from artifacts. Washed and catalogued proveniences are separated by material type (e.g. glass, ceramic, bone, etc.), bagged individually by type (in appropriately sized plastic zip-loc bags\(^1\)), and then placed in a large zip-loc bag with the catalogue number and provenience information written in indelible marker on the outside of the bag (format: catalogue # in the upper right corner; site#, E.U./S.T., Str., exc. initials, exc. date in the center of the bag).

The boxed collection includes bags in various stages of processing (un-washed, washed but not sorted, etc.). Consult the LAB LOG for status of processing completeness.

Box Numbers by Site:

0065: Boxes: 20
0066: Boxes: 1-19
0067: Boxes: 21
0068: Boxes: 22
0069: Boxes: 23-47
0071: Boxes: 48-83
0072: Boxes: 84
0073: Boxes: 85-95

SOIL SAMPLES:

0066: Boxes: 96,97
0069: Boxes: 98-103
0071: Boxes: 104
0073: Boxes: 105,106

\(^1\) Northland Polyclear Bag Corp. 313 West 38th Street, NY, NY 10018
(212)736-7222
RIVERDALE PARK ARCHAEOLOGICAL PROJECT

BOX LABELS

IMPORTANT: If, for some reason, the RPAP collection must be removed from its present repository in the Archaeology Lab at Wave Hill, it is imperative that the boxes be properly labelled.

Boxes are presently (as of 10/89) labelled with reinforced (with clear packing tape) index cards, attached to the outside of Leahy Archival Boxes¹ with Scotch® brand Magic™ Tape and brass fasteners. Permanent labels made of TYVEK should replace those presently in use. Additionally, TYVEK labels should also replace the box labels included within each box (these in the event the outer label is lost).

Information provided on each label should minimally include: Project Name, Site Number, Box Number and Catalogue Number(s). Additional information which facilitates handling, maintenance, curation and use of the collection includes: Catalogue #'s with No Bags, and Catalogue #'s with Missing Bags.

Boxes used for the storage of the RPAP collection measure 1'3½" x 1'½" x 10¼".

¹ Leahy Business Archives, Inc. 55 Van Dam Street, NY, NY. 10013.
Color Slide Organization

Color slides are organized and numbered using a sequential category/slide number system (e.g. 1.1-n, 2.1-n, 3.1-n, etc.). This allows for expansion within any category, or additions of categories.

General categories to date (Sept. 1989) are as follows:

1) Site 0065 Lime Kiln
2) Site 0066 Riverdale Park Archaeological District (General Park shots, walls, markers, staircase, etc.)
3) Site 0067 Canal House (Dodge Lane, Dodge Dock, etc.)
4) Site 0068 Flake Site
5) Site 0069 Shell midden, south
6) Site 0071 Foundation site
7) Site 0072 Historic/prehistoric midden by foundation
8) Site 0073 Shell midden, north
9) Maps
10) Miscellaneous (includes Wave Hill shots, Palisades, Hudson Rv, Trees, Mansion)
11) Artifacts (initially arranged by TYPE)
12) Methodology (Shovel testing, measuring, etc., digging, screening)
13) Public Programs (includes summer crew, adult digs, workshops)
14) Railroad (shots of the tracks, work along the tracks, etc.)


A SLIDE LOG listing slide number and description of each slide can be found at the beginning of each book. A copy of the SLIDE LOG can also be found in the "PROJECT DATA: PHOTO" file.
Color Slide Organization (con't)

An example Slide Log sheet is included in the Guide.

Film for slides included:
Kodak Ektachrome 135 ASA 400
Photo Organization (Contact Sheets and Prints)

Due to the mixed nature of subject matter present on contact sheets, a "subject" organizational scheme was not employed here. Rather, a simple consecutive Roll # system was used. Subject, by Frame # per roll, can be found in the PHOTO LOG, a copy of which is included in the "PROJECT DATA: PHOTO" file.

A total of 31 rolls have been logged. Rolls 28 to 31 are in the form of prints rather than contact sheets. Additionally, roll 31 is in color, not black and white.

Contact sheets and their corresponding negatives are filed individually by roll in 9 x 12 inch envelopes in the "PROJECT DATA: PHOTO" file. Each envelope is labelled with: RPAP, B&W (or "Color"), Roll #, and a brief description of subject matter (usually by site).

An example Photo Log sheet is included in the Guide.

Film used for black and white photos included:

Kodak TMY 135 ASA400
Kodak TX
Kodak Tri X 135 ASA 400
Kodak PX 135 ASA 125

(Type is specified on each sheet of the PHOTO LOG)

Camera: Minolta SRT SC-II (45mm. lens)

Note: The "PROJECT DATA: PHOTO" file also contains two videotapes and an envelope of publicity shots (black and white). The videotapes are of "Riverdale Park Excavation/Attenborough" and "Dig in Park".
CATALOGUE NOTEBOOK (Composition Notebook)

Catalogue numbers are simply identifiers assigned to stratigraphic levels, individual artifacts, samples, features, etc. as an organizational tracking device. The Catalogue Notebook is the original source for these numbers, though some of the information is duplicated elsewhere in the lab (e.g. the Lab Log). Though basically a field document, the Catalogue Notebook is invaluable in the lab as a corroborative source (it lists provenience information, number of bags per catalogue number, soil samples, etc.).

The Catalogue Notebook also contains a listing of assigned Artifact Numbers and Feature Numbers (in the back).
LAB LOG (Black Ring Binder)

The LAB LOG acts as a tracer for each catalogue number from its initial entry into the lab throughout the stages of processing. These stages include: date of entry into lab, date washed, date sorted (lab inventory), date numbered, and date tabbed. Catalogue numbers with no artifacts are listed as "N/A" in red. An example sheet is included in the Guide.

TO CHECK THE PROCESSING STATUS OF ANY CATALOGUE NUMBER, CHECK THE LAB LOG.
ARTIFACT INVENTORY (2 Books, Blue Ring Binders)

These two books contain the results of the initial lab identification and counts/weights of the Riverdale Park collection. The inventory is complete to the last recorded catalogue number (799). There is a sheet to represent each one of the catalogue numbers. This includes "N/A" sheets for those catalogues without artifacts, and "Bag Missing" sheets for those catalogues where artifacts have been lost, misplaced, incorrectly recorded as existing, etc., and hence, may not have been inventoried.

Two types of inventory sheets were used (examples are included in this guide). One of these is an abbreviated "Shovel Test" form, the other, a more in-depth "Excavation Unit" form. In many cases the "Shovel Test" form will have more detailed information recorded on the back of the sheet.

Book 1 contains catalogue numbers 1 - 335.
Book 2 contains catalogue numbers 336 - 799.
ARTIFACT INVENTORY

<table>
<thead>
<tr>
<th>SITE</th>
<th>From field bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>STRATUM</td>
<td>From field bag</td>
</tr>
<tr>
<td>DATE</td>
<td>From field bag</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>HISTORIC</td>
<td></td>
</tr>
<tr>
<td>ARTIFACT-CT/WT</td>
<td></td>
</tr>
<tr>
<td>Ceramic</td>
<td>CT</td>
</tr>
<tr>
<td>Glass(vess)</td>
<td>CT</td>
</tr>
<tr>
<td>Glass(wind)</td>
<td>CT (Sample &amp;</td>
</tr>
<tr>
<td>Coal (b)</td>
<td>WT discard)</td>
</tr>
<tr>
<td>Coal (u)</td>
<td>WT discard)</td>
</tr>
<tr>
<td>Brick</td>
<td>WT discard)</td>
</tr>
<tr>
<td>Mortar</td>
<td>WT discard)</td>
</tr>
<tr>
<td>Nail</td>
<td>CT</td>
</tr>
<tr>
<td>Iron</td>
<td>CT</td>
</tr>
<tr>
<td>Other Metal</td>
<td>CT</td>
</tr>
<tr>
<td>Flowerpot</td>
<td>CT</td>
</tr>
<tr>
<td>Pipe</td>
<td>CT (Sample &amp;</td>
</tr>
<tr>
<td></td>
<td>Cinder/Slag WT discard)</td>
</tr>
<tr>
<td>Coin</td>
<td>CT</td>
</tr>
<tr>
<td>Beads</td>
<td>CT</td>
</tr>
<tr>
<td>Button</td>
<td>CT</td>
</tr>
<tr>
<td>Utensils</td>
<td>CT</td>
</tr>
<tr>
<td>Leather</td>
<td>CT (Sample &amp;</td>
</tr>
<tr>
<td></td>
<td>Cement/Conc WT discard)</td>
</tr>
<tr>
<td>Unident</td>
<td>CT</td>
</tr>
<tr>
<td>Other</td>
<td>CT</td>
</tr>
</tbody>
</table>

| PREHISTORIC |                |
| ARTIFACT-CT |                |
| Pottery     | CT            |
| ProjPt      | CT            |
| Flake       | CT            |
| Biface      | CT            |
| Scraper     | CT            |
| FCR         | CT            |
| Tool        | CT            |
| Util Flake  | CT            |
| Core        | CT            |
| Block/Shat  | CT            |
| Unident     | CT            |

| OTHER       |                |
| ARTIFACT-CT/WT(OZ) |        |
| Oyster (T)   | WT (Keep all) |
| Oyster (B)   | WT (Keep all) |
| Oyster (U)   | WT (Keep all) |
| Bone         | CT            |
| Clam (S)     | WT (Keep all) |
| Clam (H)     | WT (Keep all) |
| Charcoal     | CT (Where appropriate) |
| Limestone    | WT & discard) |
| Flora        | CT            |
| Wood         | CT            |

NW = Not enough to weigh; if so, count CT = Count
WT = Weight in lbs/ozs
Glass(vess) = vessel glass
Glass(wind) = window glass
Coal(b) = burned coal
Coal(u) = unburned coal
Oyster (T) = top shell
Oyster (B) = bottom shell
Oyster (U) = unident
Clam (S) = soft shell
Clam (H) = hard shell
FCR = fire-cracked rock
HISTORIC

Ceramic
Glass
Metal
Brick
Mortar
Cement/Concrete
Leather
Pipes
Slag
Coal

PREHISTORIC

Pottery
Flakes
Bifaces
Projectile Points

OTHER

Oyster Shell
Clam Shell
Bone
Flora

HISTORIC

Ceramic
Glass
Metal
Brick
Mortar
Cement/Concrete
Leather
Pipes
Slag
Coal

PREHISTORIC

Pottery
Flakes
Bifaces
Projectile Points

OTHER

Oyster Shell
Clam Shell
Bone
Flora

HISTORIC

Ceramic
Glass
Metal
Brick
Mortar
Cement/Concrete
Leather
Pipes
Slag
Coal

PREHISTORIC

Pottery
Flakes
Bifaces
Projectile Points

OTHER

Oyster Shell
Clam Shell
Bone
Flora

32
<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>179</td>
<td>276</td>
<td>468</td>
</tr>
<tr>
<td>30</td>
<td>181</td>
<td>280</td>
<td>476</td>
</tr>
<tr>
<td>36</td>
<td>182</td>
<td>281</td>
<td>477</td>
</tr>
<tr>
<td>37</td>
<td>183</td>
<td>282</td>
<td>506</td>
</tr>
<tr>
<td>44</td>
<td>184</td>
<td>283</td>
<td>619</td>
</tr>
<tr>
<td>46</td>
<td>188</td>
<td>284</td>
<td>674</td>
</tr>
<tr>
<td>50</td>
<td>189</td>
<td>289</td>
<td>709</td>
</tr>
<tr>
<td>52</td>
<td>194</td>
<td>290</td>
<td>731</td>
</tr>
<tr>
<td>53</td>
<td>199</td>
<td>299</td>
<td>732</td>
</tr>
<tr>
<td>65</td>
<td>200</td>
<td>300</td>
<td>733</td>
</tr>
<tr>
<td>67</td>
<td>203</td>
<td>307</td>
<td>734</td>
</tr>
<tr>
<td>68</td>
<td>206</td>
<td>363</td>
<td>735</td>
</tr>
<tr>
<td>78</td>
<td>207</td>
<td>365</td>
<td>736</td>
</tr>
<tr>
<td>81</td>
<td>208</td>
<td>380</td>
<td>737</td>
</tr>
<tr>
<td>83</td>
<td>218</td>
<td>383</td>
<td>738</td>
</tr>
<tr>
<td>85</td>
<td>228</td>
<td>384</td>
<td>777</td>
</tr>
<tr>
<td>92</td>
<td>229</td>
<td>406</td>
<td>787</td>
</tr>
<tr>
<td>93</td>
<td>230</td>
<td>407</td>
<td>798</td>
</tr>
<tr>
<td>94</td>
<td>240</td>
<td>430</td>
<td></td>
</tr>
<tr>
<td>95</td>
<td>250</td>
<td>431</td>
<td></td>
</tr>
<tr>
<td>153</td>
<td>253</td>
<td>432</td>
<td></td>
</tr>
<tr>
<td>154</td>
<td>254</td>
<td>436</td>
<td></td>
</tr>
<tr>
<td>158</td>
<td>258</td>
<td>439</td>
<td></td>
</tr>
<tr>
<td>160</td>
<td>268</td>
<td>440</td>
<td></td>
</tr>
<tr>
<td>161</td>
<td>270</td>
<td>464</td>
<td></td>
</tr>
</tbody>
</table>
MISSING BAGS

Bags may be missing due to: 1) loss 2) accidentally being put within another catalogue number bag 3) Being weighed and discarded and mistakenly not sampled (e.g. if the bag contained only slag) 4) mis-entry in the catalogue book/lab log (i.e. provenience may have not actually had any bags).

(I) = "lost" after being inventoried

23
84 (I)
98 (I)
345
391
560 (I)
576
585
659
677 (I)
679 (I)
690 (I)
692 (I)
703 (I)
707
712 (I)
713 (I)
714 (I)
715 (I)
728 (I)
ARTIFACT NUMBERS

Artifact numbers were assigned to selected pieces upon their recovery because of their ability to clearly represent a mode of behavior or reflect cultural practices. They are, hence, potential items for display. There are additional items within the collection which possess these qualities and do not have artifact numbers.

To date (Oct. 1989) 93 numbers have been assigned. Artifact numbers and brief descriptions can be found at the back of the catalogue notebook.
FEATURE NUMBERS

Occasionally, supplementary numeric identifiers were assigned to structural or stratigraphic anomalies occurring within natural strata or upon the landscape. Therefore, these "Feature Numbers" represent not only a organizational tracking device (as a catalogue number does), but a cultural product.

Twelve Feature Numbers were assigned during the RPAP, a listing of which can be found at the back of the CATALOGUE NOTEBOOK.
RIVERDALE PARK ARCHAEOLOGICAL PROJECT

ARTIFACT NUMBERING

Numbering of artifacts for the R. P. collection was limited to diagnostics. The task has not been completed. Numbering was executed in the following manner:

\[
\text{Site number} \quad \text{Catalogue #} - \text{Artifact # (if present)}
\]

IMPORTANT: CAUTION:

Some of the artifacts have been numbered with the general inventory number for the Riverdale Park Archaeological District (0066). This occurred before individual sites were assigned inventory numbers. Therefore, some bags from specific sites will contain artifacts numbered 0066. The artifacts, in actuality, should be numbered with the specific site number. There was simply not enough time to re-number them.

Artifacts have been numbered with non-waterproof inks (removable) on a clear nail polish base.

Catalogue #s whose site number may need to be changed:*  
8, 9, 11, 14-18, 20, 21 to 0069  
198, 360 to 0067  
264-267 to 0068  
353 to 0065  
Some items in 0073 lack the site number.

*Not a complete list.
These two books contain the coded results of an unfinished stage of artifact analysis of the Riverdale Park collection. The data sheets are organized by catalogue number: Book 1 contains cat. #'s 1 - 215, Book 2 contains cat. #'s 216 - 480. The coding system was designed by Jed Levin and a key to the codes can be found at the beginning of Book 1. An additional copy of the code key will remain on file with the PROJECT DATA.

BOOK 1
1,2,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,20,21,22,24,25,26,27,28,29,31, 32,34,35,38,41,45,48,49,51,54,55,56,59,60,61,63,64,69,70,71,72,73,75,76, 77,80,82,89,90,91,96,98,100,101,102,106,108,109,111-112,115,155,156,157,159, 162-178,180,185,186,187,190,191,192,193,195,196,197,198,201,202,204,205, 209,210,211,212,213,214,215

BOOK 2

A blank Computer Tabulation sheet is included in the Guide.
PROJECT DOCUMENTS/MAPS

Project related documents are divided into two files: the "PROJECT INFORMATION" file which contains background research, etc., and the "PROJECT DATA" file which contains the raw data generated by field work.

The Riverdale Park Maps collection consists of historic maps, field maps, drafted maps, etc. For the most part, they are housed in the "PROJECT MAPS" file. Maps too large to fit in the file are located in large map tubes next to the file cabinets. The majority of the maps are contained in tubes labelled with the project initials, subject matter, and "original" and/or "Mylar drafting."
Ceramics, lithics and faunal materials have had portions of their assemblages examined and identified by consulting analysts. Results can be found in the PROJECT DATA file.

Faunal

Identification of faunal materials was performed by Barbara Hildebrand. Only Site 0071 was examined, and this, not completely. Hildebrand’s report can be found in the Project DATA file. A portion of her report, on the curation of faunal materials, is included in the Guide.

Information provided includes: taxon, element (e.g. femur, ulna, etc.), part (e.g. tooth, shaft, etc.), side (left or right), count, and marks (e.g. gnaw, cut, etc.).

Completion by Catalogue Number:

480, 481, 482, 484, 486, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 502, 503, 507, 509, 511, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 531, 532, 534, 537, 538, 540, 542, 543, 544, 547, 549, 564

Ceramic

Ceramic identification was performed by Lynn Pietak, Bob Rose, Nancy Stehling and Valerie DeCarlo. It is incomplete.

Information provided includes: count, ceramic type (e.g. whiteware, porcelain, etc.), body part (e.g. rim, base, etc.), flatware or hollowware, usage wear, comments, date range (or date) and reference for date.

Completion by Catalogue Number:

Lithic

Lithic identification was performed by Joseph Diamond, Valerie DeCarlo and Laurie Boros. It has not been completed.

Information provided includes: count, identification of object by type (e.g. flake, biface, etc.), material (e.g. quartz, gray Normanskill chert, etc.), and comments (e.g. specific projectile point type such as "Wading River," mendable, etc.).

Completion by Catalogue Number:

DRAFTING

Drafting of the Riverdale Park collection of site maps, plans and profiles is incomplete. All original drawings are numbered and can be found in the "Drawings" file located with PROJECT DATA. Drawings are logged in the Drawing Register, a copy of which can be found at the beginning of the "Drawings" file. The Drawing Register is in a composition notebook labelled as such, and can be found with PROJECT DATA. The Drawing Register also contains surveying data.

Drawings were drafted onto Mylar (plastic film) by Jae Hitesman and Edward Stein. None of these drafted drawings are complete, most consisting of only blocked out tracings. Much of the written information has not yet been transferred to the drafted drawings (e.g. all strata breaks are illustrated, but none of the strata are labelled or described). Drawings 1 - 83, 85 and 108 have been "completed" in such a manner. Mylar draftings can be found with PROJECT DATA.

Drawings 1, 8, 76, 79, 85 and 108 are contained in map tubes, usually accompanied by their Mylar draftings. All tubes are labelled as to content (drawing #, subject, and "original" and/or "Mylar").

NOT DRAFTED

Drawings 84, 86-107, 109-129

For future use, the Archaeology Projects' drafting equipment (Mylar, Press-type, templates, technical pens, etc.) can be found in the "Drafting" file.
SOIL SAMPLES

Soil samples were taken from selected proveniences for the purposes of pollen studies, flotation, etc. None of these has been undertaken. The samples are boxed by site, and grouped together, separate from artifacts.

It should be understood that the conditions under which the samples have been, and are presently, stored, may affect their suitability for certain soil studies.

0066: Boxes 96,97
0069: Boxes 98 - 103
0071: Boxes 104
0073: Boxes 105,106

See "Box Inventory" for Catalogue Numbers within each box.
Curation of Faunal Remains From Archaeological Sites

by

Barbara S. Hildebrant

Bone

Three basic rules should be followed regarding bone material from archaeological sites. First, keep excavated materials from direct sunlight. This is particularly important for materials coming from a damp or wet matrix. Exposure to direct sun will cause excessive dryness resulting in brittleness, shrinkage, and disintegration. Second, do not wash bone material. In some cases, washing the bones will cause instant disintegration of the more fragile fragments. Other fragments may quickly absorb the water and become spongy and fragile. Drying after washing is also a problem. Third, avoid carrying bone materials from the excavated area to the lab by hand. Material should be bagged immediately (preferably in paper bags in the field to avoid moisture build-up) upon excavation. Fragile items, such as rodent skulls and teeth, should be bagged separately.

Cleaning. In the laboratory, bone material should be cleaned with a brush (toothbrushes are excellent). As much dirt as possible should be removed without damaging the bone. Round toothpicks work well to remove dirt and particles from fossae. Metal tools should be avoided at all costs. Such devices can cause scratching of the bone surface, or the rupture of fragile parts if used to vigorously. It is difficult to become over zealous with a toothpick. After the material has been cleaned, it can be placed in plastic bags, cardboard boxes, film canisters or glass or plastic vials. Material must be completely dry prior to bagging. Moist bone, no matter how small, will cause condensation to occur if there is even a hint of moisture.

Numbering. Generally speaking, it is only necessary to number those elements that are identifiable. This is often difficult for non-specialists to determine. Often, the faunal analyst will do this, either by numbering the bone itself, or packaging each identifiable element separately. If the numbering is done in the laboratory, clear nail polish can be used to make a smooth surface, if needed. This should be used sparingly. Care should be taken in number placement to avoid covering any features which will aid in identification of species. White nail polish can be used as a base on blackened bone. White-out should be avoided. It flakes off after drying, taking the number with it.

Storage. Bone should be stored in a cool, dry environment. Wet basements and hot attics should be avoided at all costs. Bone material is usually ready for storage when returned by the analyst. Plastic bags, vials, or boxes are best stored in a larger cardboard carton. This outer carton should be clearly marked as to contents (site, site #, proveniences included, date stored) for convenience of retrieving particular items, if necessary.
Teeth

Whenever possible, tooth crowns should be bagged separately. These are often quite fragile - one tooth can turn into several fragments when jumbled together with larger bones. Film canisters work well for tooth storage. If individually packaged, teeth broken in transit can often be reconstructed.

Cleaning. Vigorous cleaning is discouraged. "Popping off" dirt with a sharp object can break up fragile crowns, dislodge calculus and obliterate features of the tooth surface. Teeth can be soaked in water until the burial matrix is softened to the point it can be gently removed. Teeth should then be thoroughly dried prior to packaging.

Numbering. Same as for bone. If possible, do not place numbers on the enamel surface. Avoid nail polish on tooth surfaces.

Storage. Same as bone.

Exceptions to the Above Guidelines

Bone material from water-logged matrices should be kept wet. Teeth from such matrices should be kept in alcohol. In both cases, do not allow the materials to dry out.
The Box Inventory lists the sites and catalogue numbers contained within each box. It also lists missing bags and catalogue numbers with no artifacts (in the "comments" section). At the top of each page, the physical location of the particular group of boxes can be found (e.g. "lab west wall"). Shelf separations are also indicated.
<table>
<thead>
<tr>
<th>Box</th>
<th>Site</th>
<th>Car PS</th>
<th>Name</th>
<th>Location</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>142</td>
<td>72</td>
<td>L</td>
<td>787</td>
<td>(Not Assigned)</td>
<td></td>
</tr>
<tr>
<td>545</td>
<td>S56</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>585</td>
<td>S58</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>576</td>
<td>S56</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>560</td>
<td>S56</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARTIFICIAL ISLAND - EAST SIDE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Catalogue Location

The Catalogue Location chart lists in what box a particular cat. # can be found. It also lists missing cats. (M), cats. with no bags (O), soil samples (S) and cat. #'s not assigned (NA).
<table>
<thead>
<tr>
<th>#</th>
<th>BOX</th>
<th>#</th>
<th>BOX</th>
<th>#</th>
<th>BOX</th>
<th>#</th>
<th>BOX</th>
<th>#</th>
<th>BOX</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>23</td>
<td>2</td>
<td>65</td>
<td>0</td>
<td>97</td>
<td>6</td>
<td>129</td>
<td>8</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>34</td>
<td>2</td>
<td>66</td>
<td>4</td>
<td>98</td>
<td>M</td>
<td>130</td>
<td>8</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>35</td>
<td>2</td>
<td>67</td>
<td>0</td>
<td>99</td>
<td>6</td>
<td>131</td>
<td>9</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>36</td>
<td>0</td>
<td>68</td>
<td>0</td>
<td>100</td>
<td>6</td>
<td>132</td>
<td>9</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>37</td>
<td>0</td>
<td>69</td>
<td>4</td>
<td>101</td>
<td>6</td>
<td>133</td>
<td>9</td>
</tr>
<tr>
<td>6</td>
<td>20</td>
<td>38</td>
<td>2</td>
<td>70</td>
<td>4</td>
<td>102</td>
<td>6</td>
<td>134</td>
<td>9</td>
</tr>
<tr>
<td>7</td>
<td>1</td>
<td>39</td>
<td>2</td>
<td>71</td>
<td>4</td>
<td>103</td>
<td>6</td>
<td>135</td>
<td>9</td>
</tr>
<tr>
<td>8</td>
<td>23</td>
<td>40</td>
<td>2</td>
<td>72</td>
<td>4</td>
<td>104</td>
<td>6</td>
<td>136</td>
<td>9</td>
</tr>
<tr>
<td>9</td>
<td>23</td>
<td>41</td>
<td>2</td>
<td>73</td>
<td>4</td>
<td>105</td>
<td>6</td>
<td>137</td>
<td>9</td>
</tr>
<tr>
<td>10</td>
<td>1</td>
<td>42</td>
<td>2</td>
<td>74</td>
<td>4</td>
<td>106</td>
<td>6</td>
<td>138</td>
<td>9</td>
</tr>
<tr>
<td>11</td>
<td>23</td>
<td>43</td>
<td>3</td>
<td>75</td>
<td>4</td>
<td>107</td>
<td>6</td>
<td>139</td>
<td>9</td>
</tr>
<tr>
<td>12</td>
<td>2</td>
<td>44</td>
<td>0</td>
<td>76</td>
<td>4</td>
<td>108</td>
<td>6</td>
<td>140</td>
<td>9</td>
</tr>
<tr>
<td>13</td>
<td>2</td>
<td>45</td>
<td>3</td>
<td>77</td>
<td>4</td>
<td>109</td>
<td>6</td>
<td>141</td>
<td>9</td>
</tr>
<tr>
<td>14</td>
<td>24</td>
<td>46</td>
<td>0</td>
<td>78</td>
<td>4</td>
<td>110</td>
<td>7</td>
<td>142</td>
<td>9/</td>
</tr>
<tr>
<td>15</td>
<td>24</td>
<td>47</td>
<td>3</td>
<td>79</td>
<td>4</td>
<td>111</td>
<td>7</td>
<td>143</td>
<td>10</td>
</tr>
<tr>
<td>16</td>
<td>24</td>
<td>48</td>
<td>3</td>
<td>80</td>
<td>4</td>
<td>112</td>
<td>7</td>
<td>144</td>
<td>10</td>
</tr>
<tr>
<td>17</td>
<td>24</td>
<td>49</td>
<td>3</td>
<td>81</td>
<td>4</td>
<td>113</td>
<td>7</td>
<td>145</td>
<td>10</td>
</tr>
<tr>
<td>18</td>
<td>24</td>
<td>50</td>
<td>0</td>
<td>82</td>
<td>4</td>
<td>114</td>
<td>7</td>
<td>146</td>
<td>10</td>
</tr>
<tr>
<td>19</td>
<td>0</td>
<td>51</td>
<td>3</td>
<td>83</td>
<td>0</td>
<td>115</td>
<td>7</td>
<td>147</td>
<td>11</td>
</tr>
<tr>
<td>20</td>
<td>24</td>
<td>52</td>
<td>0</td>
<td>84</td>
<td>M</td>
<td>116</td>
<td>7</td>
<td>148</td>
<td>11</td>
</tr>
<tr>
<td>21</td>
<td>24</td>
<td>53</td>
<td>0</td>
<td>85</td>
<td>0</td>
<td>117</td>
<td>7</td>
<td>149</td>
<td>11</td>
</tr>
<tr>
<td>22</td>
<td>2</td>
<td>54</td>
<td>3</td>
<td>86</td>
<td>5</td>
<td>118</td>
<td>7</td>
<td>150</td>
<td>11</td>
</tr>
<tr>
<td>23</td>
<td>24</td>
<td>55</td>
<td>3</td>
<td>87</td>
<td>5</td>
<td>119</td>
<td>7</td>
<td>151</td>
<td>11</td>
</tr>
<tr>
<td>24</td>
<td>2</td>
<td>56</td>
<td>3</td>
<td>88</td>
<td>6</td>
<td>120</td>
<td>7</td>
<td>152</td>
<td>11</td>
</tr>
<tr>
<td>25</td>
<td>2</td>
<td>57</td>
<td>3</td>
<td>89</td>
<td>6</td>
<td>121</td>
<td>7</td>
<td>153</td>
<td>0</td>
</tr>
<tr>
<td>26</td>
<td>2</td>
<td>58</td>
<td>3</td>
<td>90</td>
<td>6</td>
<td>122</td>
<td>8</td>
<td>154</td>
<td>0</td>
</tr>
<tr>
<td>27</td>
<td>2</td>
<td>59</td>
<td>3</td>
<td>91</td>
<td>6</td>
<td>123</td>
<td>8</td>
<td>155</td>
<td>11</td>
</tr>
<tr>
<td>28</td>
<td>2</td>
<td>60</td>
<td>3</td>
<td>92</td>
<td>6</td>
<td>124</td>
<td>8</td>
<td>156</td>
<td>11</td>
</tr>
<tr>
<td>29</td>
<td>2</td>
<td>61</td>
<td>3</td>
<td>93</td>
<td>6</td>
<td>125</td>
<td>8</td>
<td>157</td>
<td>11</td>
</tr>
<tr>
<td>30</td>
<td>2</td>
<td>62</td>
<td>3</td>
<td>94</td>
<td>6</td>
<td>126</td>
<td>8</td>
<td>158</td>
<td>0</td>
</tr>
<tr>
<td>31</td>
<td>2</td>
<td>63</td>
<td>3</td>
<td>95</td>
<td>6</td>
<td>127</td>
<td>8</td>
<td>159</td>
<td>11</td>
</tr>
<tr>
<td>32</td>
<td>2</td>
<td>64</td>
<td>4</td>
<td>96</td>
<td>6</td>
<td>128</td>
<td>8</td>
<td>160</td>
<td>0</td>
</tr>
<tr>
<td>#</td>
<td>Box</td>
<td>#</td>
<td>Box</td>
<td>#</td>
<td>Box</td>
<td>#</td>
<td>Box</td>
<td>#</td>
<td>Box</td>
</tr>
<tr>
<td>---</td>
<td>-----</td>
<td>---</td>
<td>-----</td>
<td>---</td>
<td>-----</td>
<td>---</td>
<td>-----</td>
<td>---</td>
<td>-----</td>
</tr>
<tr>
<td>193</td>
<td>11</td>
<td>225</td>
<td>12</td>
<td>257</td>
<td>14</td>
<td>289</td>
<td>16</td>
<td>321</td>
<td>18</td>
</tr>
<tr>
<td>194</td>
<td>0</td>
<td>226</td>
<td>12</td>
<td>258</td>
<td>14</td>
<td>290</td>
<td>16</td>
<td>322</td>
<td>18</td>
</tr>
<tr>
<td>195</td>
<td>11</td>
<td>227</td>
<td>12</td>
<td>259</td>
<td>14</td>
<td>291</td>
<td>17</td>
<td>323</td>
<td>NA</td>
</tr>
<tr>
<td>196</td>
<td>(s)</td>
<td>96</td>
<td>11</td>
<td>228</td>
<td>0</td>
<td>260</td>
<td>14</td>
<td>292</td>
<td>17</td>
</tr>
<tr>
<td>197</td>
<td>11</td>
<td>229</td>
<td>0</td>
<td>261</td>
<td>14</td>
<td>293</td>
<td>17</td>
<td>325</td>
<td>NA</td>
</tr>
<tr>
<td>198</td>
<td>21</td>
<td>230</td>
<td>0</td>
<td>262</td>
<td>14</td>
<td>294</td>
<td>17</td>
<td>326</td>
<td>NA</td>
</tr>
<tr>
<td>199</td>
<td>0</td>
<td>231</td>
<td>13</td>
<td>263</td>
<td>14</td>
<td>295</td>
<td>17</td>
<td>327</td>
<td>NA</td>
</tr>
<tr>
<td>200</td>
<td>0</td>
<td>232</td>
<td>13</td>
<td>264</td>
<td>22</td>
<td>296</td>
<td>17</td>
<td>328</td>
<td>NA</td>
</tr>
<tr>
<td>201</td>
<td>12</td>
<td>233</td>
<td>13</td>
<td>265</td>
<td>22</td>
<td>297</td>
<td>18</td>
<td>329</td>
<td>NA</td>
</tr>
<tr>
<td>202</td>
<td>12</td>
<td>234</td>
<td>13</td>
<td>266</td>
<td>22</td>
<td>298</td>
<td>18</td>
<td>330</td>
<td>NA</td>
</tr>
<tr>
<td>203</td>
<td>0</td>
<td>235</td>
<td>13</td>
<td>267</td>
<td>22</td>
<td>299</td>
<td>0</td>
<td>331</td>
<td>NA</td>
</tr>
<tr>
<td>204</td>
<td>12</td>
<td>236</td>
<td>13</td>
<td>268</td>
<td>0</td>
<td>300</td>
<td>0</td>
<td>332</td>
<td>NA</td>
</tr>
<tr>
<td>205</td>
<td>(s)</td>
<td>96</td>
<td>13</td>
<td>269</td>
<td>13</td>
<td>301</td>
<td>19</td>
<td>333</td>
<td>19</td>
</tr>
<tr>
<td>206</td>
<td>0</td>
<td>238</td>
<td>13</td>
<td>270</td>
<td>NA</td>
<td>302</td>
<td>18</td>
<td>334</td>
<td>19</td>
</tr>
<tr>
<td>207</td>
<td>0</td>
<td>239</td>
<td>13</td>
<td>271</td>
<td>84</td>
<td>303</td>
<td>18</td>
<td>335</td>
<td>19</td>
</tr>
<tr>
<td>208</td>
<td>0</td>
<td>240</td>
<td>0</td>
<td>272</td>
<td>15</td>
<td>304</td>
<td>18</td>
<td>336</td>
<td>22</td>
</tr>
<tr>
<td>209</td>
<td>12</td>
<td>241</td>
<td>13</td>
<td>273</td>
<td>15</td>
<td>305</td>
<td>18</td>
<td>337</td>
<td>22</td>
</tr>
<tr>
<td>210</td>
<td>12</td>
<td>242</td>
<td>13</td>
<td>274</td>
<td>15</td>
<td>306</td>
<td>18</td>
<td>338</td>
<td>22</td>
</tr>
<tr>
<td>211</td>
<td>12</td>
<td>243</td>
<td>13</td>
<td>275</td>
<td>16</td>
<td>307</td>
<td>0</td>
<td>339</td>
<td>22</td>
</tr>
<tr>
<td>212</td>
<td>12</td>
<td>244</td>
<td>13</td>
<td>276</td>
<td>0</td>
<td>308</td>
<td>18</td>
<td>340</td>
<td>22</td>
</tr>
<tr>
<td>213</td>
<td>12</td>
<td>245</td>
<td>13</td>
<td>277</td>
<td>17</td>
<td>309</td>
<td>18</td>
<td>341</td>
<td>22</td>
</tr>
<tr>
<td>214</td>
<td>12</td>
<td>246</td>
<td>13</td>
<td>278</td>
<td>17</td>
<td>310</td>
<td>18</td>
<td>342</td>
<td>22</td>
</tr>
<tr>
<td>215</td>
<td>12</td>
<td>247</td>
<td>14</td>
<td>279</td>
<td>17</td>
<td>311</td>
<td>18</td>
<td>343</td>
<td>22</td>
</tr>
<tr>
<td>216</td>
<td>12</td>
<td>248</td>
<td>14</td>
<td>280</td>
<td>0</td>
<td>312</td>
<td>18</td>
<td>344</td>
<td>(s)</td>
</tr>
<tr>
<td>217</td>
<td>12</td>
<td>249</td>
<td>14</td>
<td>281</td>
<td>0</td>
<td>313</td>
<td>18</td>
<td>345</td>
<td>M</td>
</tr>
<tr>
<td>218</td>
<td>12</td>
<td>250</td>
<td>0</td>
<td>282</td>
<td>0</td>
<td>314</td>
<td>18</td>
<td>346</td>
<td>22</td>
</tr>
<tr>
<td>219</td>
<td>12</td>
<td>251</td>
<td>14</td>
<td>283</td>
<td>0</td>
<td>315</td>
<td>18</td>
<td>347</td>
<td>22</td>
</tr>
<tr>
<td>220</td>
<td>12</td>
<td>252</td>
<td>14</td>
<td>284</td>
<td>0</td>
<td>316</td>
<td>18</td>
<td>348</td>
<td>(s)</td>
</tr>
<tr>
<td>221</td>
<td>12</td>
<td>253</td>
<td>0</td>
<td>285</td>
<td>17</td>
<td>317</td>
<td>18</td>
<td>349</td>
<td>22</td>
</tr>
<tr>
<td>222</td>
<td>12</td>
<td>254</td>
<td>0</td>
<td>286</td>
<td>17</td>
<td>318</td>
<td>18</td>
<td>350</td>
<td>19</td>
</tr>
<tr>
<td>223</td>
<td>12</td>
<td>255</td>
<td>14</td>
<td>287</td>
<td>17</td>
<td>319</td>
<td>18</td>
<td>351</td>
<td>19</td>
</tr>
<tr>
<td>224</td>
<td>12</td>
<td>256</td>
<td>14</td>
<td>288</td>
<td>17</td>
<td>320</td>
<td>18</td>
<td>352</td>
<td>22</td>
</tr>
<tr>
<td>#</td>
<td>Box</td>
<td>#</td>
<td>Box</td>
<td>#</td>
<td>Box</td>
<td>#</td>
<td>Box</td>
<td>#</td>
<td>Box</td>
</tr>
<tr>
<td>---</td>
<td>-----</td>
<td>---</td>
<td>-----</td>
<td>---</td>
<td>-----</td>
<td>---</td>
<td>-----</td>
<td>---</td>
<td>-----</td>
</tr>
<tr>
<td>385</td>
<td>26</td>
<td>417</td>
<td>30</td>
<td>449</td>
<td>37</td>
<td>481</td>
<td>48</td>
<td>513</td>
<td>56</td>
</tr>
<tr>
<td>386</td>
<td>26</td>
<td>418</td>
<td>30</td>
<td>450</td>
<td>37</td>
<td>482</td>
<td>48</td>
<td>514</td>
<td>56</td>
</tr>
<tr>
<td>387</td>
<td>26</td>
<td>419</td>
<td>30</td>
<td>451</td>
<td>37</td>
<td>483</td>
<td>49</td>
<td>515</td>
<td>56</td>
</tr>
<tr>
<td>388</td>
<td>99</td>
<td>26</td>
<td>420</td>
<td>30</td>
<td>452</td>
<td>35</td>
<td>103</td>
<td>484</td>
<td>49</td>
</tr>
<tr>
<td>389</td>
<td>26</td>
<td>421</td>
<td>30</td>
<td>453</td>
<td>37</td>
<td>485</td>
<td>49</td>
<td>517</td>
<td>57</td>
</tr>
<tr>
<td>390</td>
<td>26</td>
<td>422</td>
<td>30</td>
<td>454</td>
<td>37</td>
<td>486</td>
<td>50</td>
<td>518</td>
<td>57</td>
</tr>
<tr>
<td>391</td>
<td>M</td>
<td>423</td>
<td>30</td>
<td>455</td>
<td>37</td>
<td>487</td>
<td>50</td>
<td>519</td>
<td>57</td>
</tr>
<tr>
<td>392</td>
<td>27</td>
<td>424</td>
<td>30</td>
<td>456</td>
<td>37</td>
<td>488</td>
<td>50</td>
<td>520</td>
<td>58</td>
</tr>
<tr>
<td>393</td>
<td>27</td>
<td>425</td>
<td>30</td>
<td>457</td>
<td>35</td>
<td>103</td>
<td>489</td>
<td>51</td>
<td>521</td>
</tr>
<tr>
<td>394</td>
<td>27</td>
<td>426</td>
<td>30</td>
<td>458</td>
<td>38</td>
<td>490</td>
<td>51</td>
<td>522</td>
<td>58</td>
</tr>
<tr>
<td>395</td>
<td>27</td>
<td>427</td>
<td>30</td>
<td>459</td>
<td>38</td>
<td>491</td>
<td>51</td>
<td>523</td>
<td>58</td>
</tr>
<tr>
<td>396</td>
<td>27</td>
<td>428</td>
<td>30</td>
<td>460</td>
<td>38</td>
<td>492</td>
<td>52</td>
<td>524</td>
<td>58</td>
</tr>
<tr>
<td>397</td>
<td>27</td>
<td>429</td>
<td>30</td>
<td>461</td>
<td>38</td>
<td>493</td>
<td>52</td>
<td>525</td>
<td>58-60</td>
</tr>
<tr>
<td>398</td>
<td>100</td>
<td>27</td>
<td>430</td>
<td>0</td>
<td>462</td>
<td>38</td>
<td>494</td>
<td>52</td>
<td>526</td>
</tr>
<tr>
<td>399</td>
<td>28</td>
<td>431</td>
<td>0</td>
<td>463</td>
<td>35</td>
<td>103</td>
<td>495</td>
<td>52</td>
<td>527</td>
</tr>
<tr>
<td>400</td>
<td>28</td>
<td>432</td>
<td>0</td>
<td>464</td>
<td>0</td>
<td>496</td>
<td>52</td>
<td>528</td>
<td>61</td>
</tr>
<tr>
<td>401</td>
<td>28</td>
<td>433</td>
<td>30</td>
<td>465</td>
<td>39</td>
<td>497</td>
<td>53</td>
<td>529</td>
<td>61</td>
</tr>
<tr>
<td>402</td>
<td>28</td>
<td>434</td>
<td>30</td>
<td>466</td>
<td>39</td>
<td>498</td>
<td>53</td>
<td>530</td>
<td>61</td>
</tr>
<tr>
<td>403</td>
<td>28</td>
<td>435</td>
<td>30</td>
<td>467</td>
<td>39</td>
<td>499</td>
<td>53</td>
<td>531</td>
<td>61</td>
</tr>
<tr>
<td>404</td>
<td>29</td>
<td>436</td>
<td>0</td>
<td>468</td>
<td>0</td>
<td>500</td>
<td>53</td>
<td>532</td>
<td>61</td>
</tr>
<tr>
<td>405</td>
<td>29</td>
<td>437</td>
<td>35</td>
<td>102</td>
<td>30</td>
<td>469</td>
<td>39</td>
<td>501</td>
<td>53</td>
</tr>
<tr>
<td>406</td>
<td>0</td>
<td>438</td>
<td>30</td>
<td>470</td>
<td>39</td>
<td>502</td>
<td>53</td>
<td>534</td>
<td>61/62</td>
</tr>
<tr>
<td>407</td>
<td>0</td>
<td>439</td>
<td>0</td>
<td>471</td>
<td>40</td>
<td>503</td>
<td>53</td>
<td>535</td>
<td>62</td>
</tr>
<tr>
<td>408</td>
<td>29</td>
<td>440</td>
<td>0</td>
<td>472</td>
<td>40</td>
<td>504</td>
<td>53</td>
<td>536</td>
<td>63</td>
</tr>
<tr>
<td>409</td>
<td>29</td>
<td>441</td>
<td>31</td>
<td>473</td>
<td>35</td>
<td>103</td>
<td>505</td>
<td>53</td>
<td>537</td>
</tr>
<tr>
<td>410</td>
<td>29</td>
<td>442</td>
<td>31</td>
<td>474</td>
<td>40</td>
<td>506</td>
<td>53</td>
<td>538</td>
<td>64</td>
</tr>
<tr>
<td>411</td>
<td>29</td>
<td>443</td>
<td>31</td>
<td>475</td>
<td>40</td>
<td>507</td>
<td>53</td>
<td>539</td>
<td>64</td>
</tr>
<tr>
<td>412</td>
<td>101</td>
<td>29</td>
<td>444</td>
<td>33</td>
<td>36</td>
<td>476</td>
<td>0</td>
<td>508</td>
<td>55</td>
</tr>
<tr>
<td>413</td>
<td>30</td>
<td>445</td>
<td>37</td>
<td>477</td>
<td>0</td>
<td>509</td>
<td>56</td>
<td>541</td>
<td>65</td>
</tr>
<tr>
<td>414</td>
<td>30</td>
<td>446</td>
<td>37</td>
<td>478</td>
<td>40</td>
<td>510</td>
<td>56</td>
<td>542</td>
<td>65</td>
</tr>
<tr>
<td>415</td>
<td>30</td>
<td>447</td>
<td>37</td>
<td>479</td>
<td>40</td>
<td>511</td>
<td>56</td>
<td>543</td>
<td>67</td>
</tr>
<tr>
<td>416</td>
<td>30</td>
<td>448</td>
<td>37</td>
<td>480</td>
<td>48</td>
<td>512</td>
<td>56</td>
<td>544</td>
<td>67</td>
</tr>
<tr>
<td>#</td>
<td>Box</td>
<td>#</td>
<td>Box</td>
<td>#</td>
<td>Box</td>
<td>#</td>
<td>Box</td>
<td>#</td>
<td>Box</td>
</tr>
<tr>
<td>-----</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
</tr>
<tr>
<td>577</td>
<td>78</td>
<td>609</td>
<td>89</td>
<td>641</td>
<td>92</td>
<td>673</td>
<td>94</td>
<td>705</td>
<td>44</td>
</tr>
<tr>
<td>578</td>
<td>78</td>
<td>610</td>
<td>89</td>
<td>642</td>
<td>92</td>
<td>674</td>
<td>95</td>
<td>706</td>
<td>44</td>
</tr>
<tr>
<td>579</td>
<td>78</td>
<td>611</td>
<td>89</td>
<td>643</td>
<td>92</td>
<td>675</td>
<td>94</td>
<td>707</td>
<td>M</td>
</tr>
<tr>
<td>580</td>
<td>78</td>
<td>612</td>
<td>89</td>
<td>644</td>
<td>92</td>
<td>676</td>
<td>94</td>
<td>708</td>
<td>44</td>
</tr>
<tr>
<td>581</td>
<td>78</td>
<td>613</td>
<td>89</td>
<td>645</td>
<td>93</td>
<td>677</td>
<td>M</td>
<td>709</td>
<td>0</td>
</tr>
<tr>
<td>582</td>
<td>79</td>
<td>614</td>
<td>90</td>
<td>646</td>
<td>93</td>
<td>678</td>
<td>41</td>
<td>710</td>
<td>44</td>
</tr>
<tr>
<td>583</td>
<td>79</td>
<td>615</td>
<td>90</td>
<td>647</td>
<td>93</td>
<td>679</td>
<td>M</td>
<td>711</td>
<td>44</td>
</tr>
<tr>
<td>584</td>
<td>79</td>
<td>616</td>
<td>90</td>
<td>648</td>
<td>93</td>
<td>680</td>
<td>41</td>
<td>712</td>
<td>M</td>
</tr>
<tr>
<td>585</td>
<td>M</td>
<td>617</td>
<td>90</td>
<td>649</td>
<td>93</td>
<td>681</td>
<td>41</td>
<td>713</td>
<td>M</td>
</tr>
<tr>
<td>586</td>
<td>79</td>
<td>618</td>
<td>90</td>
<td>650</td>
<td>93</td>
<td>682</td>
<td>41</td>
<td>714</td>
<td>M</td>
</tr>
<tr>
<td>587</td>
<td>80</td>
<td>619</td>
<td>90</td>
<td>651</td>
<td>93</td>
<td>683</td>
<td>42</td>
<td>715</td>
<td>M</td>
</tr>
<tr>
<td>588</td>
<td>80</td>
<td>620</td>
<td>90</td>
<td>652</td>
<td>93</td>
<td>684</td>
<td>42</td>
<td>716</td>
<td>44</td>
</tr>
<tr>
<td>589</td>
<td>80</td>
<td>621</td>
<td>90</td>
<td>653</td>
<td>93</td>
<td>685</td>
<td>42</td>
<td>717</td>
<td>44</td>
</tr>
<tr>
<td>590</td>
<td>80</td>
<td>622</td>
<td>90</td>
<td>654</td>
<td>93</td>
<td>686</td>
<td>42</td>
<td>718</td>
<td>44</td>
</tr>
<tr>
<td>591</td>
<td>81</td>
<td>623</td>
<td>90</td>
<td>655</td>
<td>93</td>
<td>687</td>
<td>42</td>
<td>719</td>
<td>44</td>
</tr>
<tr>
<td>592</td>
<td>81</td>
<td>624</td>
<td>90</td>
<td>656</td>
<td>93</td>
<td>688</td>
<td>44</td>
<td>720</td>
<td>44</td>
</tr>
<tr>
<td>593</td>
<td>81</td>
<td>625</td>
<td>90</td>
<td>657</td>
<td>93</td>
<td>689</td>
<td>44</td>
<td>721</td>
<td>44</td>
</tr>
<tr>
<td>594</td>
<td>81</td>
<td>626</td>
<td>90</td>
<td>658</td>
<td>93</td>
<td>690</td>
<td>M</td>
<td>722</td>
<td>44</td>
</tr>
<tr>
<td>595</td>
<td>81</td>
<td>627</td>
<td>90</td>
<td>659</td>
<td>93</td>
<td>691</td>
<td>44</td>
<td>723</td>
<td>44</td>
</tr>
<tr>
<td>596</td>
<td>81</td>
<td>628</td>
<td>91</td>
<td>660</td>
<td>93</td>
<td>692</td>
<td>M</td>
<td>724</td>
<td>44</td>
</tr>
<tr>
<td>597</td>
<td>81</td>
<td>629</td>
<td>91</td>
<td>661</td>
<td>93</td>
<td>693</td>
<td>44</td>
<td>725</td>
<td>45</td>
</tr>
<tr>
<td>598</td>
<td>85</td>
<td>630</td>
<td>91</td>
<td>662</td>
<td>93</td>
<td>694</td>
<td>44</td>
<td>726</td>
<td>45</td>
</tr>
<tr>
<td>599</td>
<td>85</td>
<td>631</td>
<td>91</td>
<td>663</td>
<td>93</td>
<td>695</td>
<td>44</td>
<td>727</td>
<td>45</td>
</tr>
<tr>
<td>600</td>
<td>85</td>
<td>632</td>
<td>91</td>
<td>664</td>
<td>93</td>
<td>696</td>
<td>44</td>
<td>728</td>
<td>M</td>
</tr>
<tr>
<td>601</td>
<td>85</td>
<td>633</td>
<td>92</td>
<td>665</td>
<td>93</td>
<td>697</td>
<td>44</td>
<td>729</td>
<td>45</td>
</tr>
<tr>
<td>602</td>
<td>85</td>
<td>634</td>
<td>92</td>
<td>666</td>
<td>93</td>
<td>698</td>
<td>44</td>
<td>730</td>
<td>46</td>
</tr>
<tr>
<td>603</td>
<td>85</td>
<td>635</td>
<td>92</td>
<td>667</td>
<td>93</td>
<td>699</td>
<td>44</td>
<td>731</td>
<td>NA</td>
</tr>
<tr>
<td>604</td>
<td>85</td>
<td>636</td>
<td>92</td>
<td>668</td>
<td>94</td>
<td>700</td>
<td>44</td>
<td>732</td>
<td>NA</td>
</tr>
<tr>
<td>605</td>
<td>89</td>
<td>637</td>
<td>92</td>
<td>669</td>
<td>94</td>
<td>701</td>
<td>44</td>
<td>733</td>
<td>NA</td>
</tr>
<tr>
<td>606</td>
<td>89</td>
<td>638</td>
<td>92</td>
<td>670</td>
<td>94</td>
<td>722</td>
<td>44</td>
<td>734</td>
<td>NA</td>
</tr>
<tr>
<td>607</td>
<td>89</td>
<td>639</td>
<td>92</td>
<td>671</td>
<td>94</td>
<td>763</td>
<td>M</td>
<td>735</td>
<td>NA</td>
</tr>
<tr>
<td>608</td>
<td>89</td>
<td>640</td>
<td>92</td>
<td>672</td>
<td>(S)</td>
<td>704</td>
<td>44</td>
<td>736</td>
<td>NA</td>
</tr>
</tbody>
</table>

58
<table>
<thead>
<tr>
<th>#</th>
<th>Box</th>
<th>#</th>
<th>Box</th>
<th>#</th>
<th>Box</th>
<th>#</th>
<th>Box</th>
<th>#</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>769</td>
<td>DELETED</td>
<td>770</td>
<td>19</td>
<td>771</td>
<td>95</td>
<td>772</td>
<td>(5)</td>
<td>106</td>
<td>95</td>
</tr>
<tr>
<td>773</td>
<td>95</td>
<td>774</td>
<td>95</td>
<td>775</td>
<td>95</td>
<td>776</td>
<td>95</td>
<td>777</td>
<td>0</td>
</tr>
<tr>
<td>778</td>
<td>95</td>
<td>779</td>
<td>95</td>
<td>780</td>
<td>95</td>
<td>781</td>
<td>82</td>
<td>782</td>
<td>82</td>
</tr>
<tr>
<td>783</td>
<td>82</td>
<td>784</td>
<td>82</td>
<td>785</td>
<td>82</td>
<td>786</td>
<td>82</td>
<td>787</td>
<td>NA</td>
</tr>
<tr>
<td>788</td>
<td>83</td>
<td>789</td>
<td>83</td>
<td>790</td>
<td>83</td>
<td>791</td>
<td>83</td>
<td>792</td>
<td>83</td>
</tr>
<tr>
<td>793</td>
<td>83</td>
<td>794</td>
<td>83</td>
<td>795</td>
<td>83</td>
<td>796</td>
<td>83</td>
<td>797</td>
<td>95</td>
</tr>
<tr>
<td>798</td>
<td>0</td>
<td>799</td>
<td>19</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
APPENDICES
<table>
<thead>
<tr>
<th>PORTION OF UNIT EXCAVATED:</th>
<th>STRATUM ENCOUNTERED AT BOTTOM OF UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHOLE</td>
<td></td>
</tr>
<tr>
<td>PART (sketch)</td>
<td></td>
</tr>
<tr>
<td>EXCAVATION METHOD:</td>
<td></td>
</tr>
<tr>
<td>SHOVEL</td>
<td></td>
</tr>
<tr>
<td>TROWEL</td>
<td></td>
</tr>
<tr>
<td>OTHER:</td>
<td></td>
</tr>
<tr>
<td>ARTIFACTS RECOVERED:</td>
<td></td>
</tr>
<tr>
<td>SAMPLES TAKEN:</td>
<td></td>
</tr>
<tr>
<td>SOIL</td>
<td></td>
</tr>
<tr>
<td>FLOT</td>
<td></td>
</tr>
<tr>
<td>OTHER:</td>
<td></td>
</tr>
<tr>
<td>PHOTOS TAKEN:</td>
<td></td>
</tr>
<tr>
<td>ROLL/SHOT</td>
<td></td>
</tr>
<tr>
<td>PROFILES DRAWN:</td>
<td></td>
</tr>
<tr>
<td>SOIL/TEXTURE DESCRIPTION</td>
<td></td>
</tr>
<tr>
<td>CAT. #</td>
<td></td>
</tr>
<tr>
<td>SITE</td>
<td></td>
</tr>
<tr>
<td>EX. UNIT</td>
<td></td>
</tr>
<tr>
<td>DATE:</td>
<td></td>
</tr>
<tr>
<td>STRATUM</td>
<td></td>
</tr>
<tr>
<td># OF BAGS</td>
<td></td>
</tr>
<tr>
<td>EXCAVATORS:</td>
<td></td>
</tr>
<tr>
<td>FEATURE #</td>
<td></td>
</tr>
</tbody>
</table>

ASSOCIATED FEATURES:

COMMENTS/ INTERPRETATIONS:
FIELD FORM - SHOVEL TEST
RIVERDALE PARK SURVEY 1985

CAT.#

SHOVEL TEST DATE NO. OF BAGS

EXCAVATORS GRID COORD

AREA DESCRIPTION:

ARTIFACTS RECOVERED (BY STRATA)

STRATUM ENCOUNTERED AT BOTTOM OF UNIT:

ASSOCIATED FEATURES:

COMMENTS/INTERPRETATION:

SAMPLES TAKEN: SOIL FLOT OTHER:

PHOTO (ROLL/SHOT):

SHOVEL TEST DIAMETER:

PLANVIEW NO: 62
ARTIFACT IDENTIFICATION REFERENCES

Brown, Ann R.
1982 Historic Ceramic Typology. Delaware Department of Transportation, Division of Highways, Location and Environmental Studies.

Harrington, J.C.

Hume, Ivor Noel

Price, Cynthia
1979 19th. Century Ceramics...in the Eastern Ozark Border Region. Monograph Series: Number 1, Center for Archaeological Research, Southwest Missouri State University, Springfield, Missouri, 65802.

South, Stanley
1978 Evolution and Horizon as Revealed in Ceramic Analysis in Historical Archaeology. In Historical Archaeology... (ed. Schuyler) pp.68-82.

Faunal Partial References

Grayson 1984
Hall 1981
Merrit 1987
Miller 1900
Whitaker 1980
Additional Suggested References

Ritchie, William A.


Stone, Lyle M.

Eisenberg, Leonard A.

Journals

Man in the Northeast. Published by Man in the Northeast, Inc., George's Mills, NH 03751

Archaeology of Eastern North America. A publication of the Eastern States Archaeological Federation, American Indian Archaeological Institute, Washington, Conn. 06793
RIVERDALE PARK ARCHAEOLOGICAL PROJECT

PROJECT MAPS

The Riverdale Park Maps collection consists of historic maps, field maps, drafted ãmps, etc. For the most part, they are housed in the "PROJECT MAPS" file. Only when the maps were too large to fit in the file cabinet were they excluded. Almost all the maps are contained in labelled map tubes. The following listing will indicate location, subject and whether the map is contained in a tube (T).

File (T) Riverdale Park Historic Drafts: 1858-1981
File (T) Drawing 8: Lime Kiln, Mylar Drafting
File (T) Drawing 1: Canal House, Mylar Drafting (BL)
File (T) Drawing 108: Canal House, Original & Mylar Drafting (LB)
File (T) Drawing 76, 79: Site 0071, S,N profiles, pothunters trench, Mylar drafting
File (T) Riverdale Park Land Use Study, drainage (reduction) David Daub 1981
File Physiographic Diagram of the New York Region Erwin Raisz
File U.S. Dept. of the Int. Geologic Survey: Yonkers Quad 7.5 minute series (Topographic)
File (T) 2 Riverdale Park topo maps (xeroxes) 3 sheets apiece
  2 Riverdale Park topo reductions (xeroxes) showing locations of sites 1-5 from 1984 survey (2 sheets apiece)
  Locational map: Riverdale Park on the Hudson (LB)
File (T) 1 1853 historic map
  1 1856 historic map
  2 1888 historic maps
  1 19th. c. historic map (has Delafield property)

Large Black Plastic Tube- Drawing 8: Lime Kiln, original
Yellow Tube- Drawing 85: Site 0071, Original & Mylar Drafting
Large Cardboard Tube- Daub map, full scale

These are kept in large map tubes next to the file cabinets.

Tubes labelled as / the project name, subject matter
+ "original vs mylar drafting"
PROJECT DOCUMENTS

Project related documents are divided into two files: the "Project Information" file and the "Project Data" file. The "Project Information" file is divided into seven major subsections (see below).

Project Information: Contents by Folder

Archaeology Program Information
Parks Department Permits/Riverdale Park
LOCAL HISTORY
  Bronx Parks Historical Documents
  Historic Photo Repro's
  Riverdale
  Riverdale in 1937
  Stertz
  Story of the Bronx (Jenkins)
  The Borough of the Bronx (Randall Comfort)
  Delafield Historical Info
  Assorted Riverdale Park Documentary Research
  Assorted Bronx Histories

SOILS/GEOLOGY/FLORA
  Riverdale Park Geology, Soils
  Stewart's Land Use History
  Geology and Nature-Riverdale (Bird)
  McHarg's Report
  Hydrology of Riverdale Park (L.Band NRG)
  Flora
  NRG and Riverdale Park
  Riverdale Park Entitation - Descriptions (NRG)
  General Geology

REPORT RESEARCH
  Deeds/Covenants, Riverdale Park
  Maps
  Illustrations for Report
  Early Indian Leaflets (from Wave Hill Archives)

PUBLIC PROGRAMS
  SCS Guide (for reading packet)
  Summer Crew Readings
  Reading Packet 1988
  Quiz
  Riverdale Park Archaeology Program-Public Programs
RIVERDALE PARK ARCHAEOLOGY PROJECT

Files con't

SHPO/REPORT
- NYSHPO Forms-submitted
- NVS Historic Archaeological Site Inventory Forms
- Rothschild's Survey and Original Proposal Report Printout
  - The Reconstruction of Riverdale Park, Phase I (Schubert to Ryan)

WAVE HILL HISTORY
- Wave Hill History (Notes on Kellerman's Research)
- Research Report on Wave Hill (Regina Kellerman)
- Wave Hill: History
- History of Wave Hill: Pictures
- History of Wave Hill

FORMS
- Inventory and Tabulation Sheets: Blanks
- Excavation Unit Forms: Blanks
- Shovel Test Forms: Blanks
- Computer Tabulation Forms, Glass: Blanks
- Riverdale Park Forms: Blanks

MISCELLANEOUS
- Lower Hudson Valley Project
- Riverdale Park Proposals
- DCA Archaeological Study
- Riverdale/Kingsbridge

Project Data: Contents by Folder

Wave Hill Artifact Coding System
Separate Data Folders (field sheets) for Excavation Units:
- Shovel Tests 0073 (282-290)
- Shovel Tests Area 1
- Shovel Tests Area 2
- Shovel Tests Area 4
- Shovel Tests Area 5
- Site 0071 Misc.
- Misc. Cat. #'s
- 1984 Survey Tabulation Sheets
- Maps of Shovel Tests by Area
- Park Maps, Originals, etc.
- Weights
- Lithics Identification (J.Diamond, 3/22/89)
- Lithics Pulled for Analysis 3/89 LS/JH
Files con't

Lithics Identification  V. DeCarlo 4/21/89
Ceramic Analysis
Faunal Report 0071
Drawings
Drafted Drawings
Drawing Register

Boxes Journal