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Sterling
L.
Little

A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.

Acknowledgments

I would like to thank these individuals for their support and help in the development of my professional project.

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Also, special thanks to Dr. William Murphy, Assistant Director of the National Archives for Presidential Libraries, for showing me the importance of one center for the Presidential Libraries.

Preface

The following material has been compiled in fulfillment of Architecture 6313 Profession Project Programming and in partial fulfillment of the requirements for the Masters of Architecture degree at Oklahoma State University. It is presented to Alan Bruken and the graduate faculty of the School of Architecture on December 21, 1984.

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INTRODUCTION



A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.

Introduction

This document has been compiled to perform the first step of the design process. This process known as pre-design or programming, lays the ground work for the architectural solution of the project. Programming involves five steps: (1) Establishing Goals; (2) Collecting and Analyzing Facts; (3) Uncovering and Testing Concepts; (4) Determining Needs; and (5) Stating the Problem. By using this method it is hoped a better understanding of the problems and goals will be achieved, and in the process a comprehensive understanding of a Presidential Resource Complex will occur.

Mission Statement

"The nature of their holdings make the potential for research and education at Presidential Libraries unlimited. In terms of creativity our goal is infinity."

The concept of a Presidential Resource Center can help fulfill the goal stated by Dr. John Wickman, director of the Eisenhower Library. By bringing together all material relating to American Presidents, the Complex can not only serve as a center of scholarly research but also a center for educating the general public in the history of the Presidents and their respective eras. The overall mission of the Presidential Resource Complex is to bring the researcher and more important the general public into a Complex that is not a warehouse of unused objects and documents but one where these articles are used and explored to gain a better understanding of Presidents, the United States and the times in which the Presidents lived.

FACTS



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Statement of the Problem

Function

Since one of the major functions of the Presidential Resource Complex is to house the papers of American Presidents, and provide a central location for researchers to utilize these papers, the libraries should be the focus of the Complex.

Since the second of the primary functions of the Complex is to display Presidential memorabilia, the exhibit/museum area should be located near the Presidential libraries and have an image befitting the Presidency.

Since the holdings of the Complex are not replaceable and contain materials dealing with National security, areas which contain these objects and documents should reflect this security.

Since the Complex will accommodate an extremely large number of people, clear and separate circulation should be provided for each of the various activities within the Complex.

Form

Since the Presidency of the United States is the main focus of the Complex, an image of security, strength, and dignity should be maintained.

Since the nature of the Complex will require a large amount of building area and will expand in the future, the Complex should maintain balance with the natural elements of the site.

Since the site is located at a prominent gateway into Washington D. C., the Complex should convey an image of prominence while complementing national monuments.

Economy

Since the nature of the project must allow for phasing, the individual libraries and exhibit areas should be built as the Presidential Administration retires from office.

Since the Complex is to be located in the national capitol, appropriate selection of materials should be considered responding to this location.

Time

Since the Presidential Resource Complex is an ever growing facility, the libraries and exhibit areas must be allowed to expand over time.

Summary of Facilities

The Presidential Resource Complex will be the first facility in the United States that will bring together the papers and memorabilia of most American Presidents into one central facility. This complex will be located in Washington D. C. in East Potomac Park, an island in the Potomac River. The complex will include the following:

Complete Administrative facilities.

Complete research library for one President.

Complete exhibit/museum for one President.

Complete continuing education facility.

Masterplan for expansion of Presidential libraries and exhibit/museums including support facilities.

Masterplanning a living area of 40 units for researchers, including support facilities.

**GOALS
and
CONCEPTS**



Goals

Function

Provide a central location for the papers of American Presidents.

Provide exhibit space for the memorabilia of Presidents.

Provide a continuing education center for the furtherment of public education relating to American Presidents.

The personality of each president should have a impact on the image of the building/buildings.

A clear seperation of administrative offices should be maintained within the complex proper.

Locate the researcher housing in an area where maximum privacy can be maintained.

Form

Any building or buildings should respect in form material and massing the architecture image prevalent in Washington D. C.

The concept of a 'Presidential Resource Complex' should not inhibit the general public.

Create a balance between the natural elements of the site and the Complex as a whole.

Economy

Phase the construction to proceed as Presidential papers become available.

Minimize operating costs.

Time

Provide facilities that can adjust to growth and expansion as the Presidential Resource Complex grows.

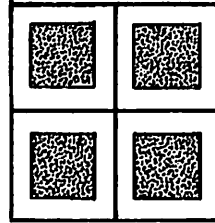
Provide spaces (archival storage) within the Complex that will facilitate the changes in storage capabilities.

CONCEPTS

Function

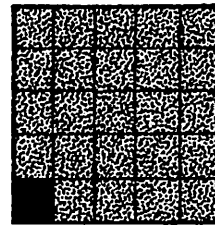
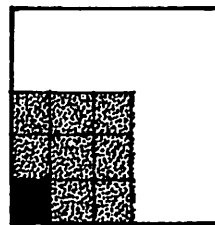
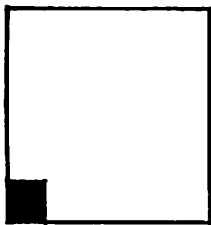
ACTIVITY GROUPING:

Allow for the activity of each of the various functional zones to be compartmentalized.



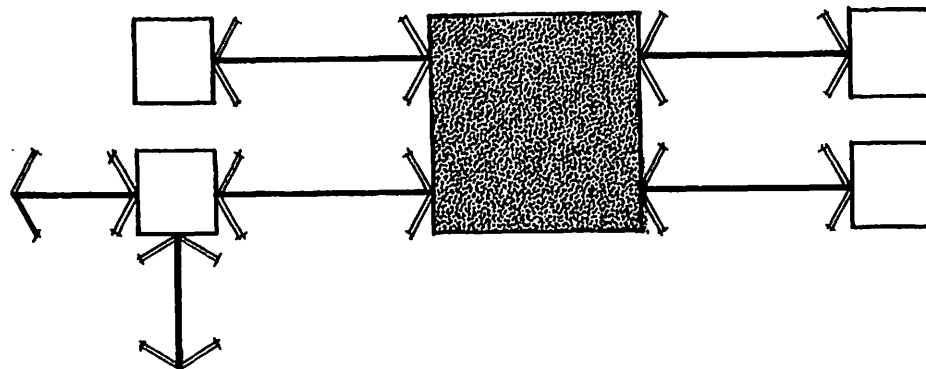
PEOPLE GROUPING:

Allow for the grouping of people depending on the functional zone within the Complex.



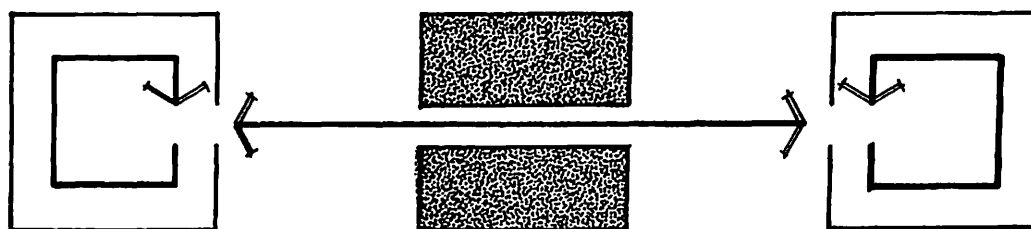
SERVICE GROUPING:

Centralize major shared activities. Branch out to functional zones.



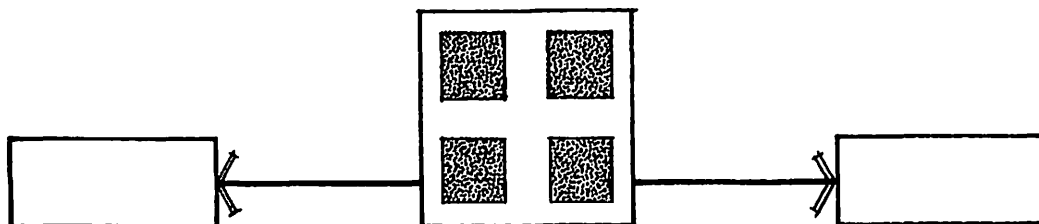
PRIORITY:

Give precedence to pedestrian traffic flows within and among the various functional zones within the Complex.



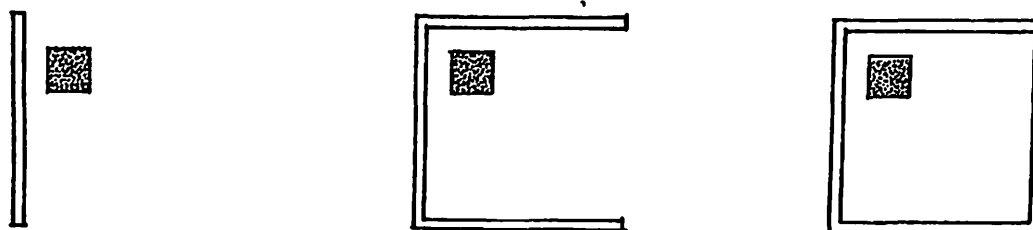
RELATIONSHIPS:

Group like functional zones together and zones which share specific functions near each other.



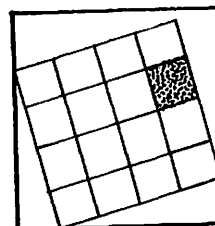
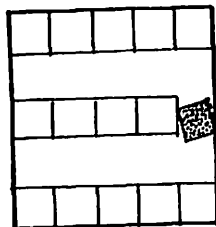
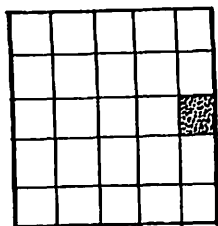
SECURITY CONTROL:

Due to the nature of the Complex, varying levels of security must be maintained.



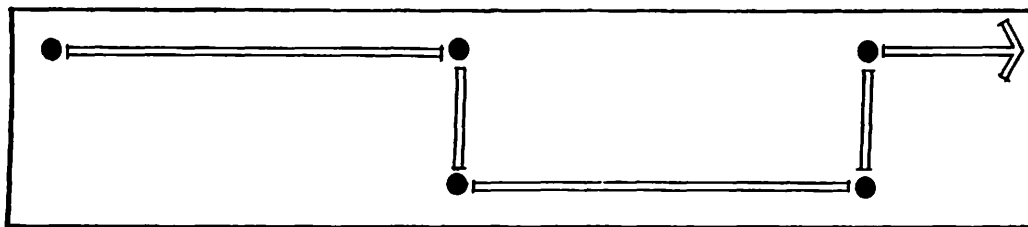
FLEXIBILITY:

Provide flexible spaces (exhibit areas, lobbies) that can grow and change with individual needs.



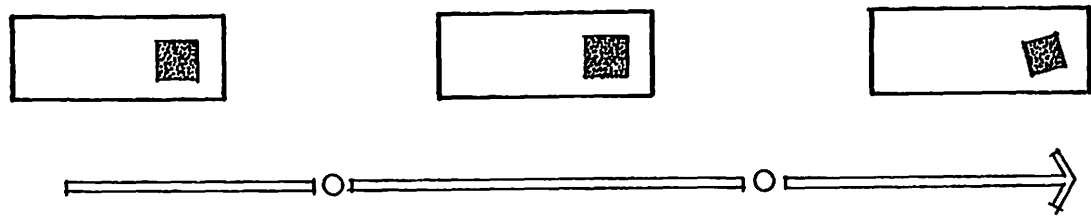
SEQUENTIAL FLOW:

The progression of activities within functional zones (museum work area, library document area) must be carefully planned to provide optimum operation.



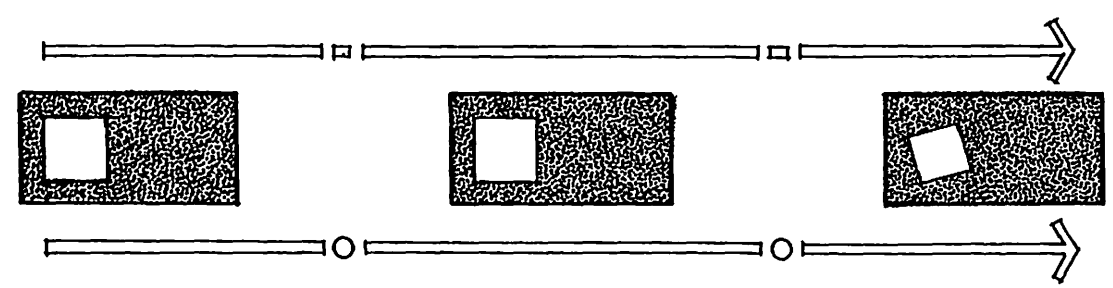
SEPARATED FLOW:

Regulating and control of visual and physical access to various functional zones is essential.



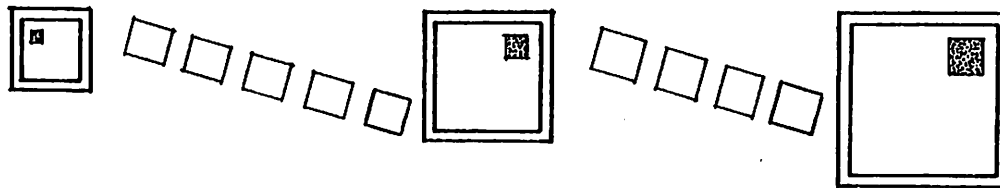
SEPARATED FLOW:

Pedestrian, service and vehicular circulation should be separated and clearly defined.

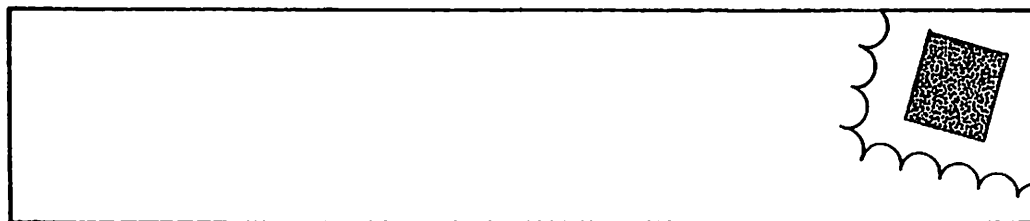


FLEXIBILITY:

Locate building or buildings in a flexible way so that growth and change can occur.

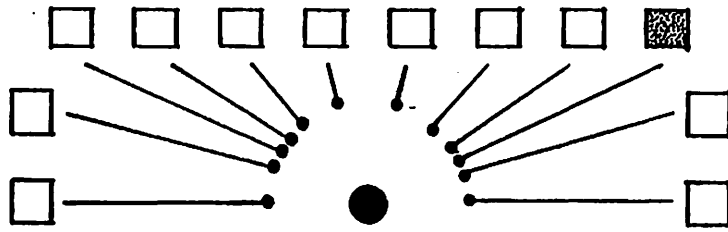
**ENVIRONMENT:**

Locate the building or buildings in a way which will compliment the existing park setting.



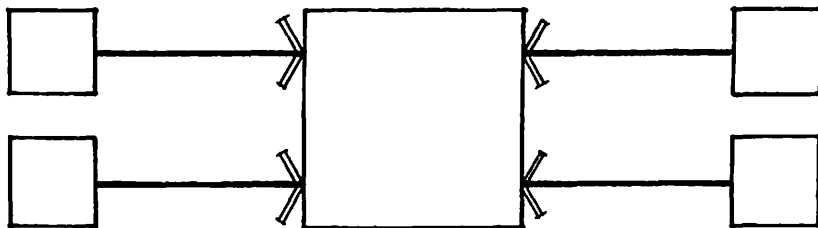
ORIENTATION:

A point of reference within the Complex and within the functional zones will prevent a feeling of being lost.



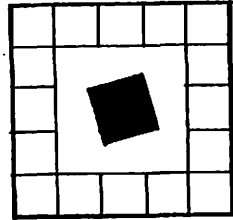
ACTIVITY GROUPING:

Centralize high activity areas (exhibit areas, complex administration) for ease in pedestrian access.



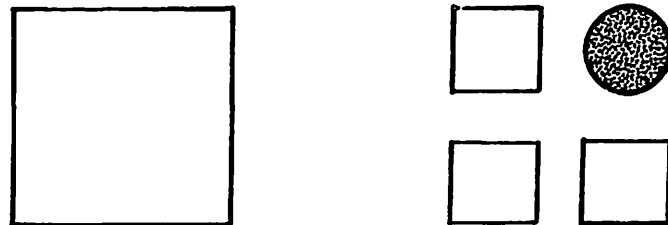
PRIORITY:

Give precedence to the Exhibit/Library functional zones of the Complex.



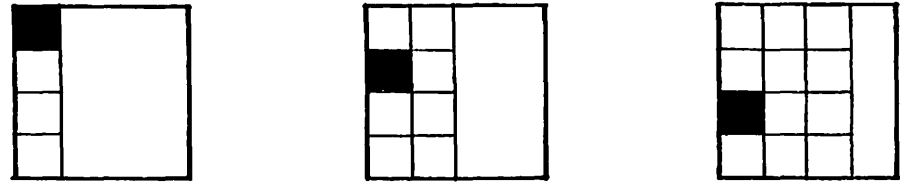
RELATIONSHIPS:

Building or buildings should compliment or contrast the existing architecture with materials, forms and masses.



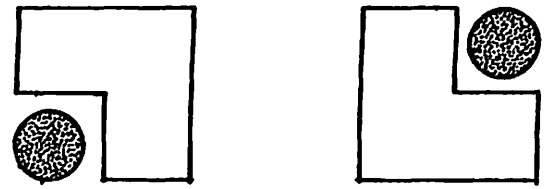
FLEXIBILITY:

Design building/buildings that can adapt to growth through expandability.



FLEXIBILITY:

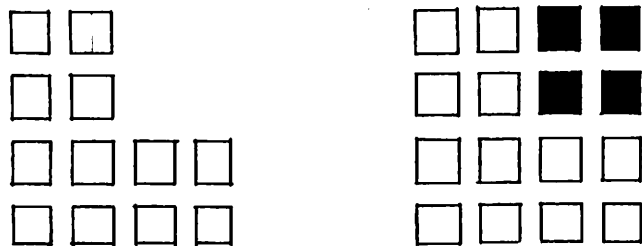
Design spaces that will facilitate changes in operational capabilities.



Time

PHASING:

Plan the new addition(s) to be constructed as Presidential papers become available.



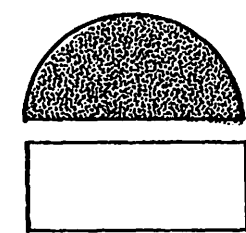
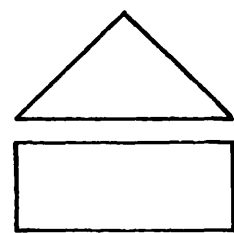
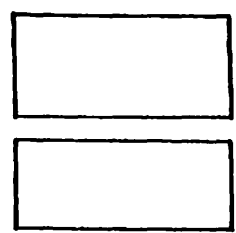
ENERGY CONSERVATION:

Investigate utilization of passive solar energy concepts within the building and consider utilization of natural lighting when possible.



COST CONTROL:

Carefully consider choices of building materials and construction methods.



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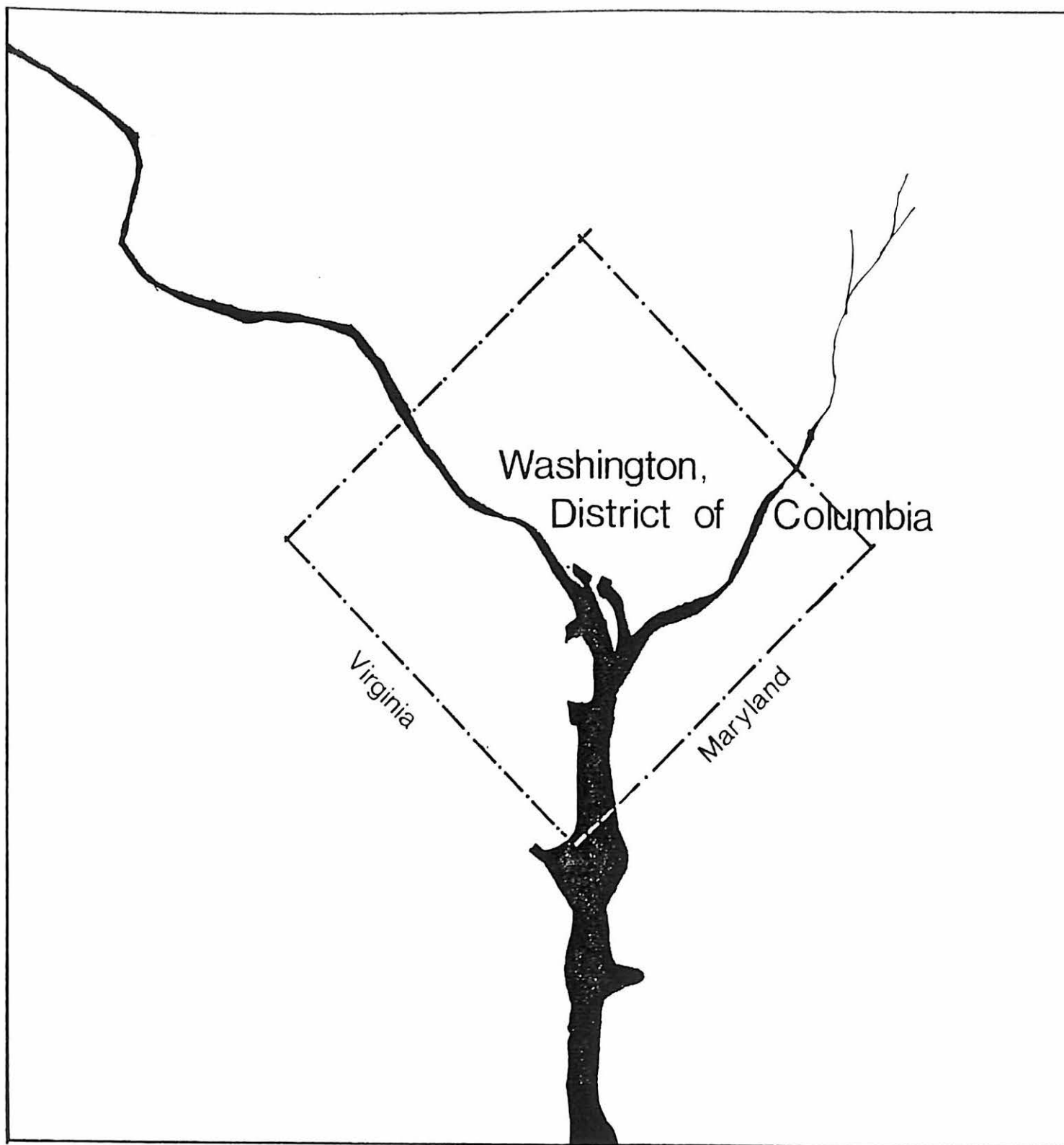
National



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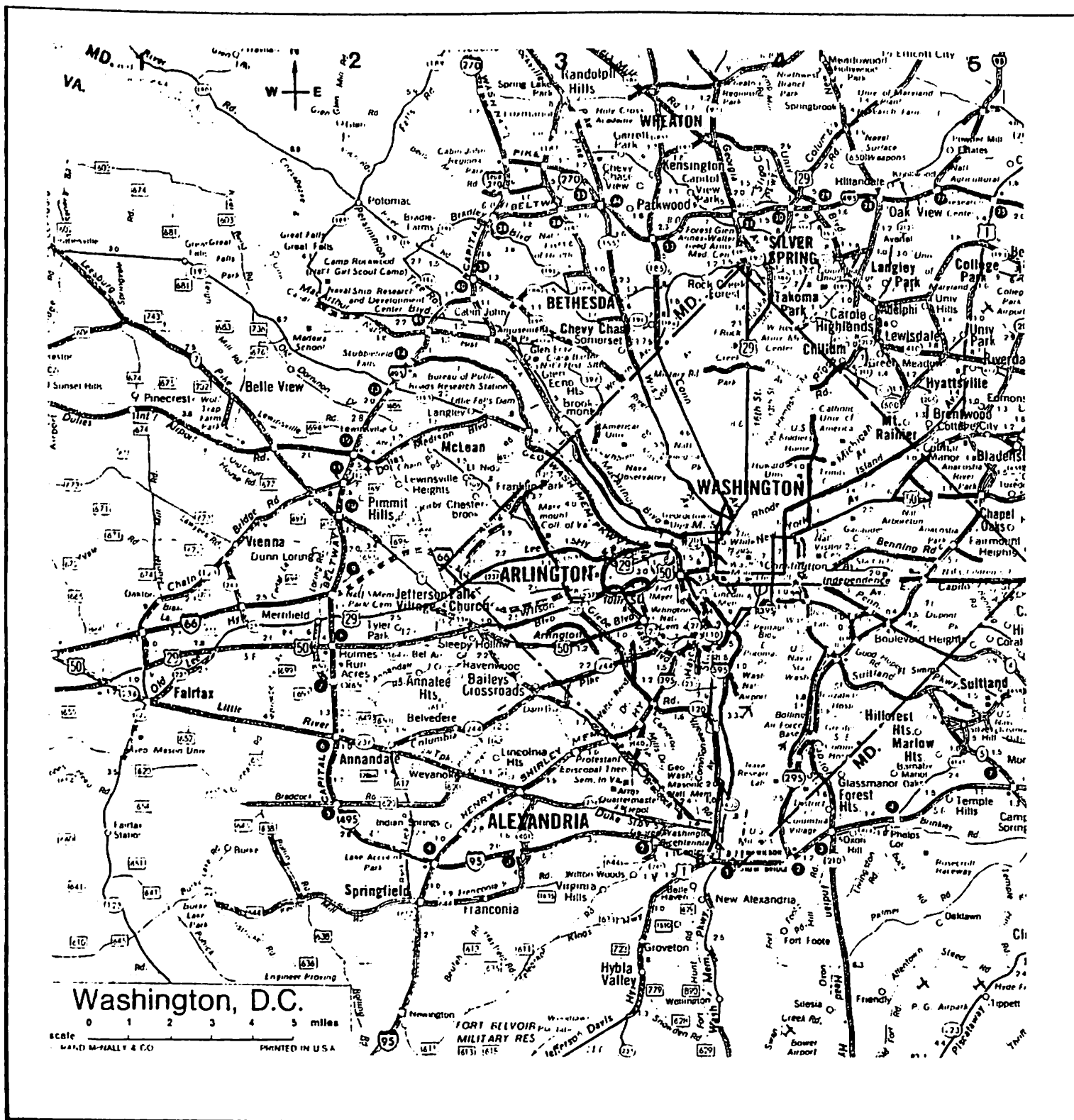
Regional Map



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Traffic Arteries



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History of D.C.

Washington D.C. is one of the few cities in the world which was planned for one purpose...to be a national capital. Washington was, in truth, nothing more than a compromise. This compromise known as the Residence Act, was debated and passed on July 12, 1790 proposed seating the capital in a 10-mile square within a 75 mile stretch of the Potomac. The site located between the Potomac and Anacostia Rivers was chosen because of the proximity of two established cities or towns Alexandria and Georgetown and also because of its position at the head of a navigable river.

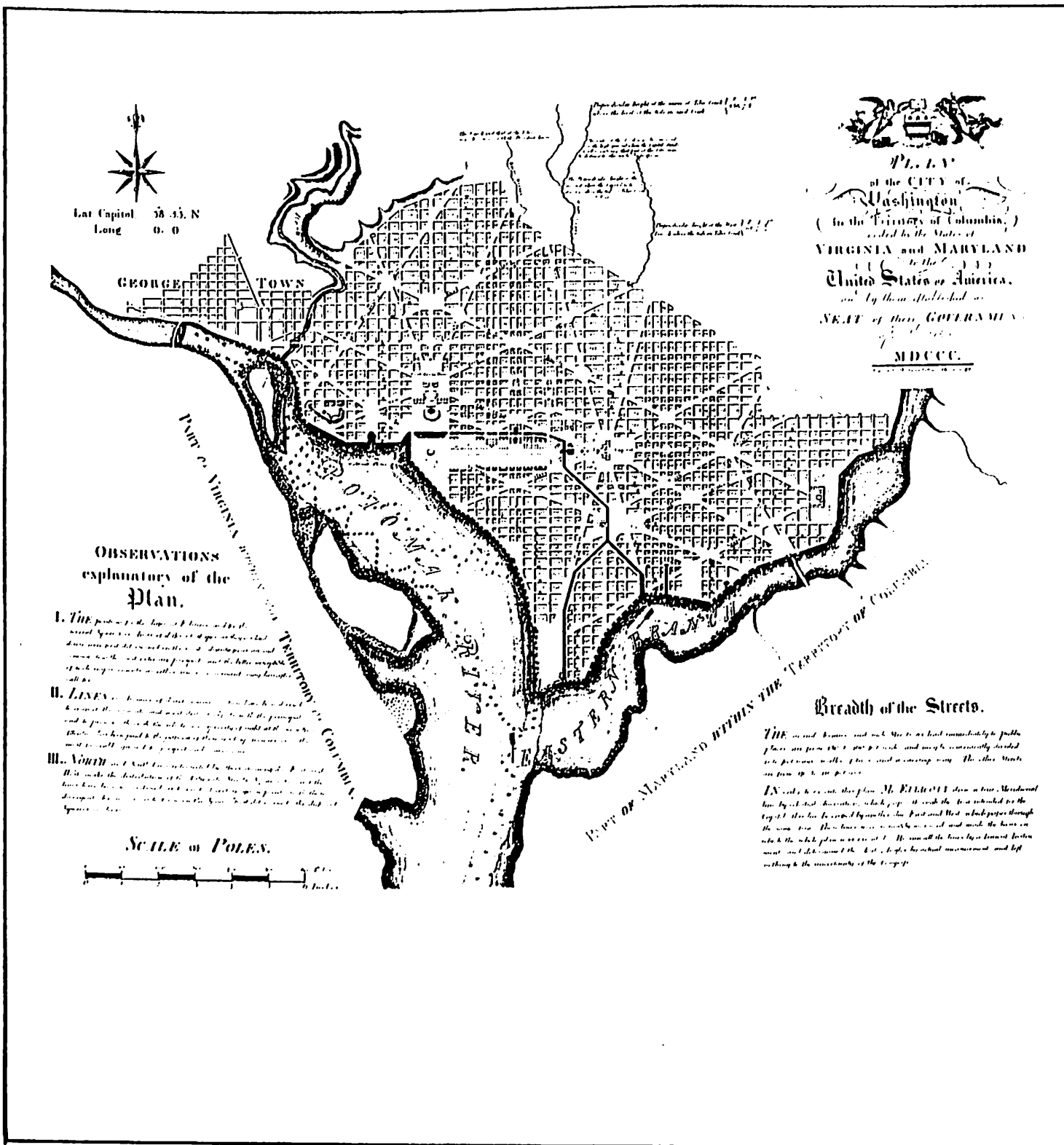
The choice of Pierre L'Enfant to plan the Capital City and George Washington's extensive familiarity with natural features of the site gave rise to the L'Enfant Plan. With all his French and architectural origins, L'Enfant's respect for the New World landscape was most evident in the ways he integrated George Washington's interest in the countryside at large with his own European preferences for nature boldly restructured. The plan's open spaces included sites for memorials and other civic art, barracks and arsenals, cultural facilities, institutions such as hospitals, and some semi-public edifices such as merchantile exchange and city markets. Streets and avenues were made broad so as to be park like, all of this open space constituted a single monumental network, not confined to a single core but providing evidence of the National Capital presence throughout the area defined by the river's intersection.

The McMillan Plan was concerned with reviving, refining and extending the L'Enfant Plan frame work in proportion to growth of the National capital. The McMillan Plan of 1902-03 concerned itself with two main problems: building a park system and grouping of public buildings. By connecting existing parkland and carrying the Capital's park system into the outlying areas of the district the plan established a systematic character for regional open space.

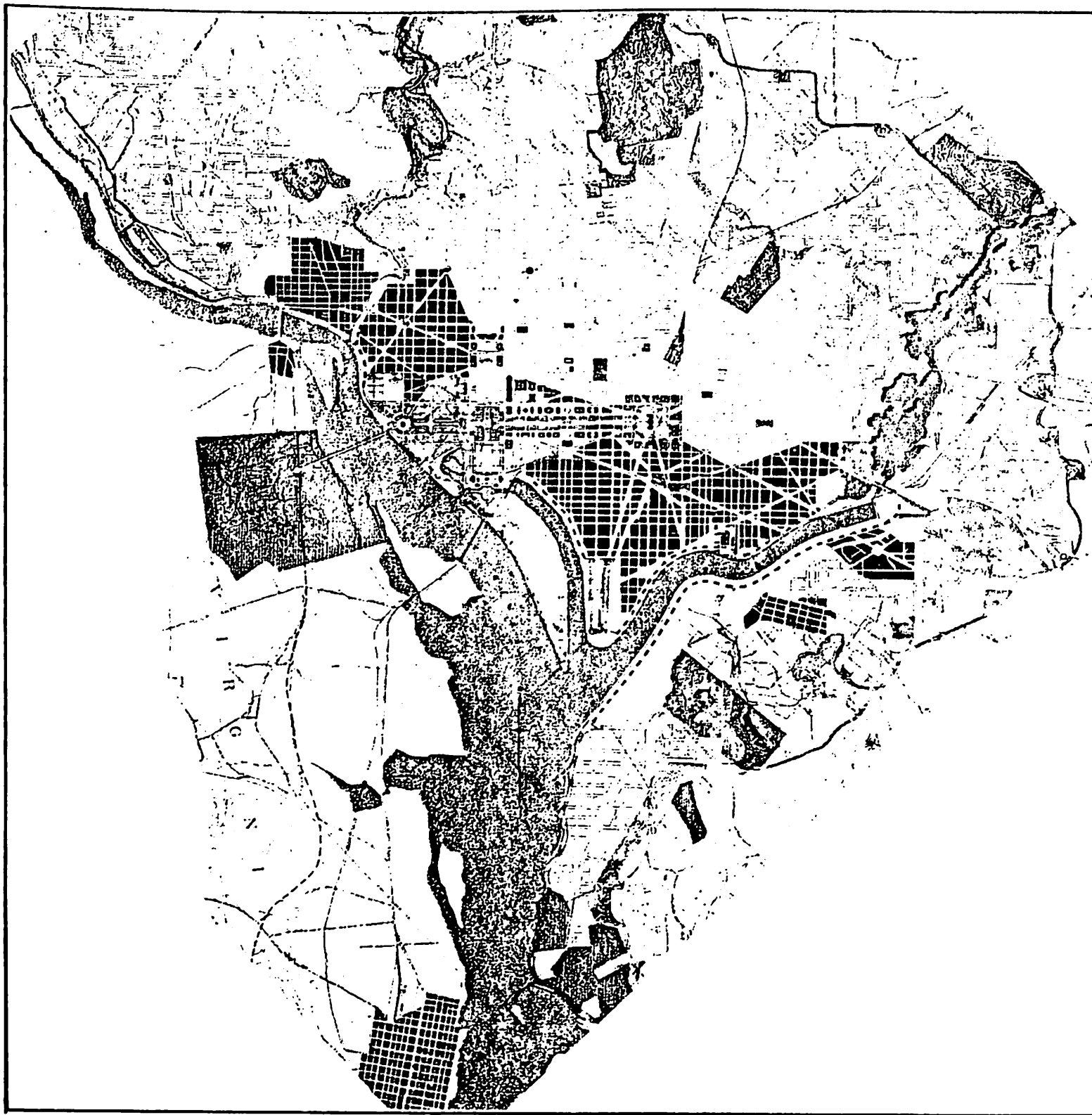
By grouping public buildings in formal landscape settings, the plan proposed a highly concentrated monumental core most conspicuously, the plan included a monumental mall composition to carry on the L'Enfant plan which established the mall much as it is now today.

Today Washington D.C. is continuing the concepts established by the L'Enfant and McMillan Plans. By creating agencies such as the National Capital Park and Planning Commission and the Commission of Fine Arts the city is almost assured of continual growth in a manner fitting the United States Capital.

L'Enfant Plan (1791)



McMillan
Plan
(1902)



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Washington
D.C.
(1984)



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SITE
ANALYSIS

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Site History

Following an investigation by a Senate Committee in 1881, Congress appropriated the first funds for the improvement of a navigation of the Potomac and the reclamation of the tidal flats and marshes west and south of the Washington Monument.

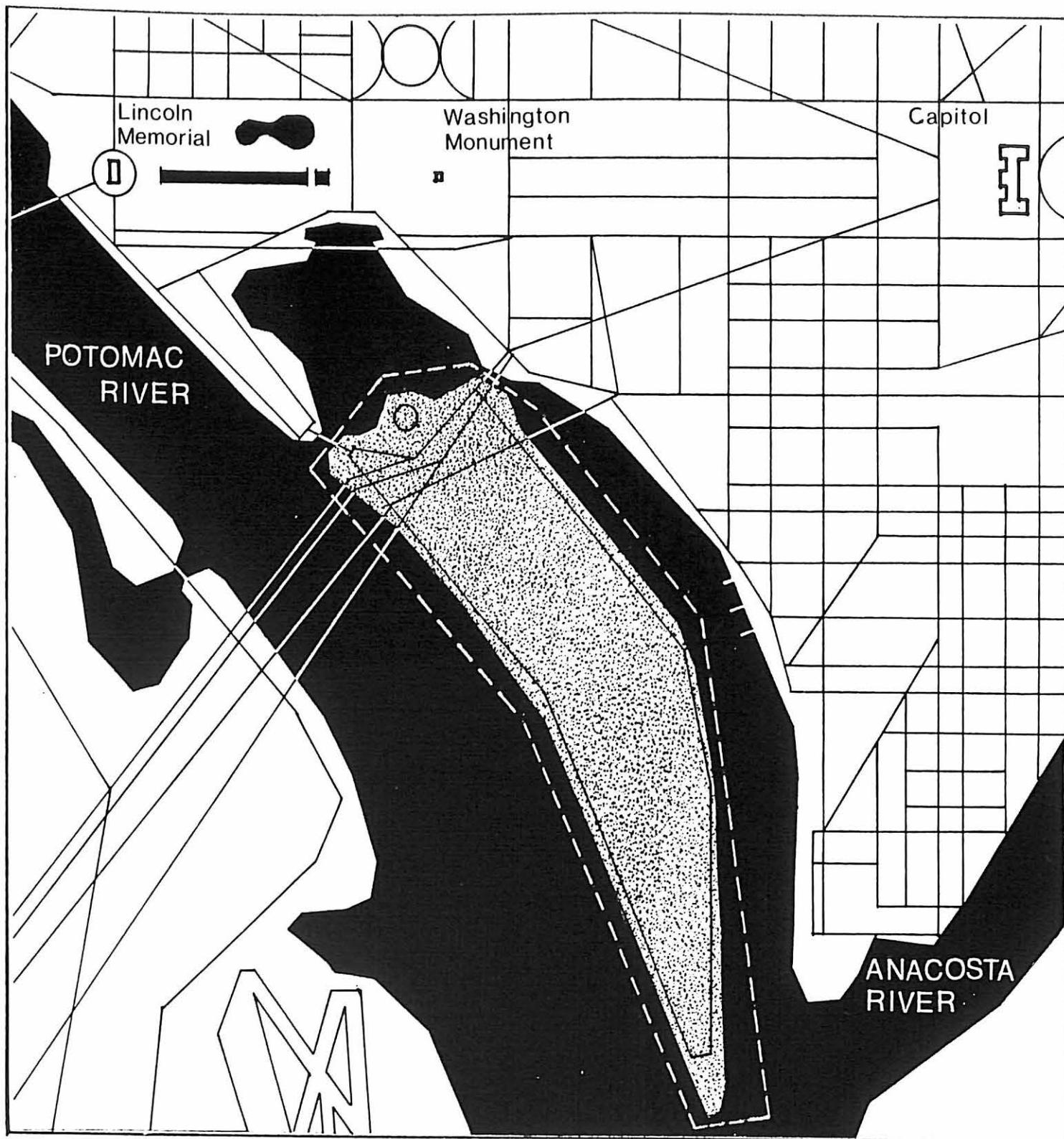
This project involved dredging the river channel and dumping the dredgings so as to fill the marsh area to a level several feet above high tide and flood level. The work proceeded over many years, but by the end of the century it had been substantially completed. An enormous area-more than 600 acres in extent-was reclaimed by this operation. Two separate tracts of land were created. To the south, stretching approximately two miles long and parallel with the old shoreline of the Potomac River, the engineers created a new island, known as East Potomac Park. Between the island and the District shore lay the newly deepened Washington Channel, to provide access to wharfs and docks. To the north the fill area extended nearly a mile westward from the old water line which had reached almost to the foot of the Washington Monument. This area, West Potomac Park, also contained a narrow peninsula stretching southeasterly almost to the tip of the island. Inbetween these two reclaimed tracts the engineers found it necessary to create a tidal basin.

Historically East Potomac Park has been left out of the overall plans for the Mall area. Even though the northern tip of the island was dedicated to the Jefferson Monument, the other 90% has been ignored. The original concept was to provide the city of Washington with a large open park. However, when the highway system was extended in the 1950's and 1960's the island south of the Jefferson Memorial was cut off from the city.

Today East Potomac Park is used for many activities. Beside being the location of the city park services headquarters, maintenance sheds and storage sheds, there is also a private golf course.

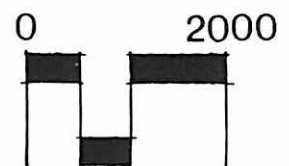
In 1982 a new "Comprehensive plan for the National Capital" was established. Within this plan there are several overall goals which can apply to the East Potomac Park area. These are:

- (1) PRESERVE THE IMPORTANT HISTORIC FEATURES OF THE NATIONAL CAPITAL WHILE PERMITTING NEW DEVELOPMENT WHICH IS RESPECTFUL OF THE FEATURES.
- (2) CONSERVE THE NATURAL FEATURES AND RESOURCES OF THE NATIONAL CAPITAL AND ENHANCE CULTURAL AND RECREATIONAL OPPORTUNITIES AND OPEN SPACE OF THE REGION.



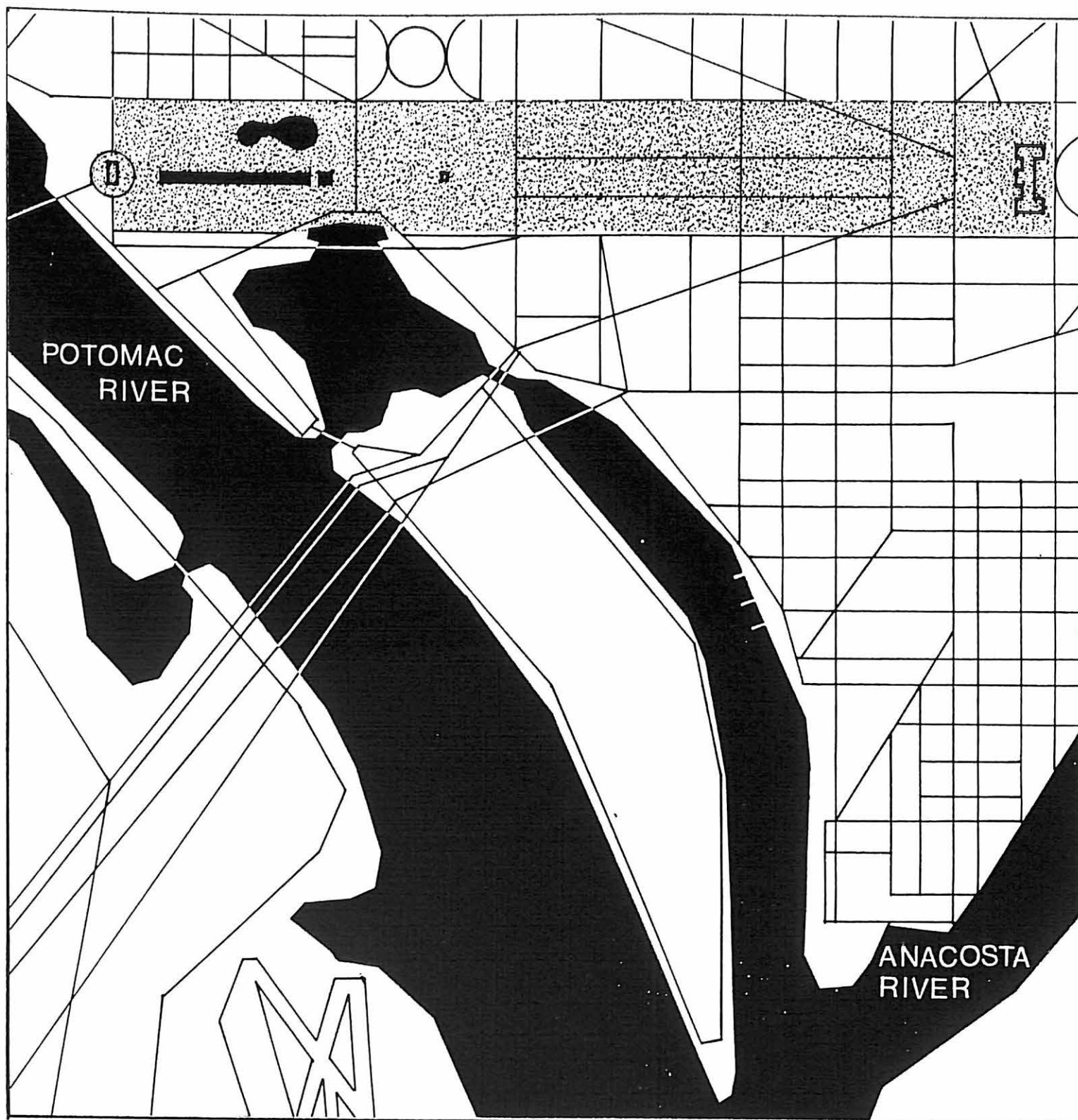
East Potomac Park

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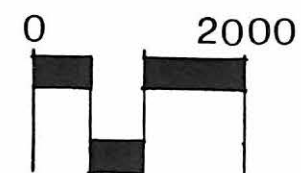


WASHINGTON, D.C.

The Mall



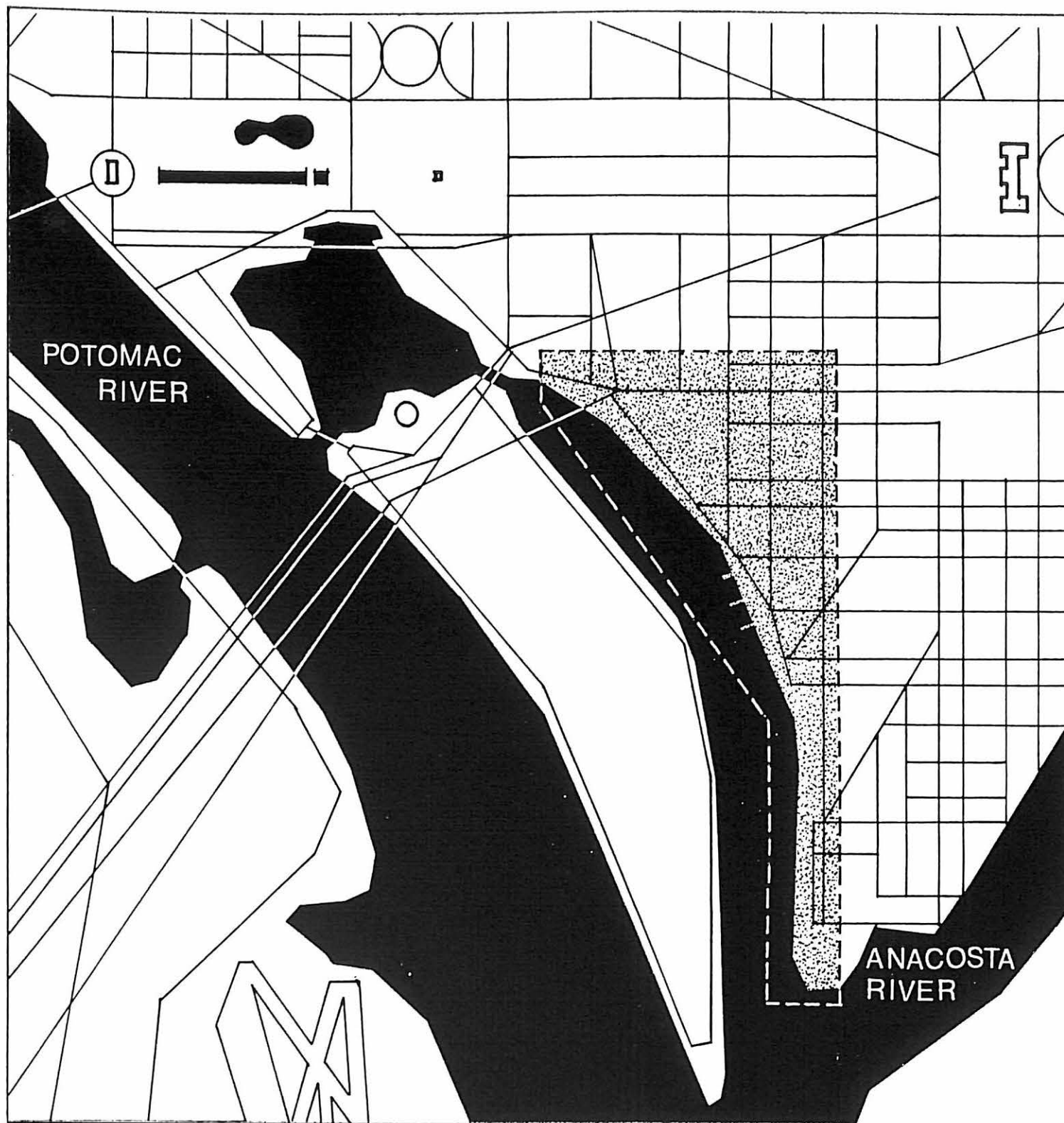
East Potomac Park is located approximately one-half mile south of the main portion of the mall. In Washington D. C. the mall is a center of cultural and recreational activities. The location of numerous museums, monuments and the United States Capitol Building, connected by the large green space produce a grand and dignified image for the city. Although the Park is in a physical sense cut off from the mall by a network of freeways, the potential for developing this physical link is very possible and the link in image is essential.



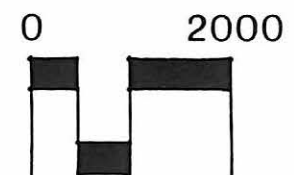
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Southwest Area



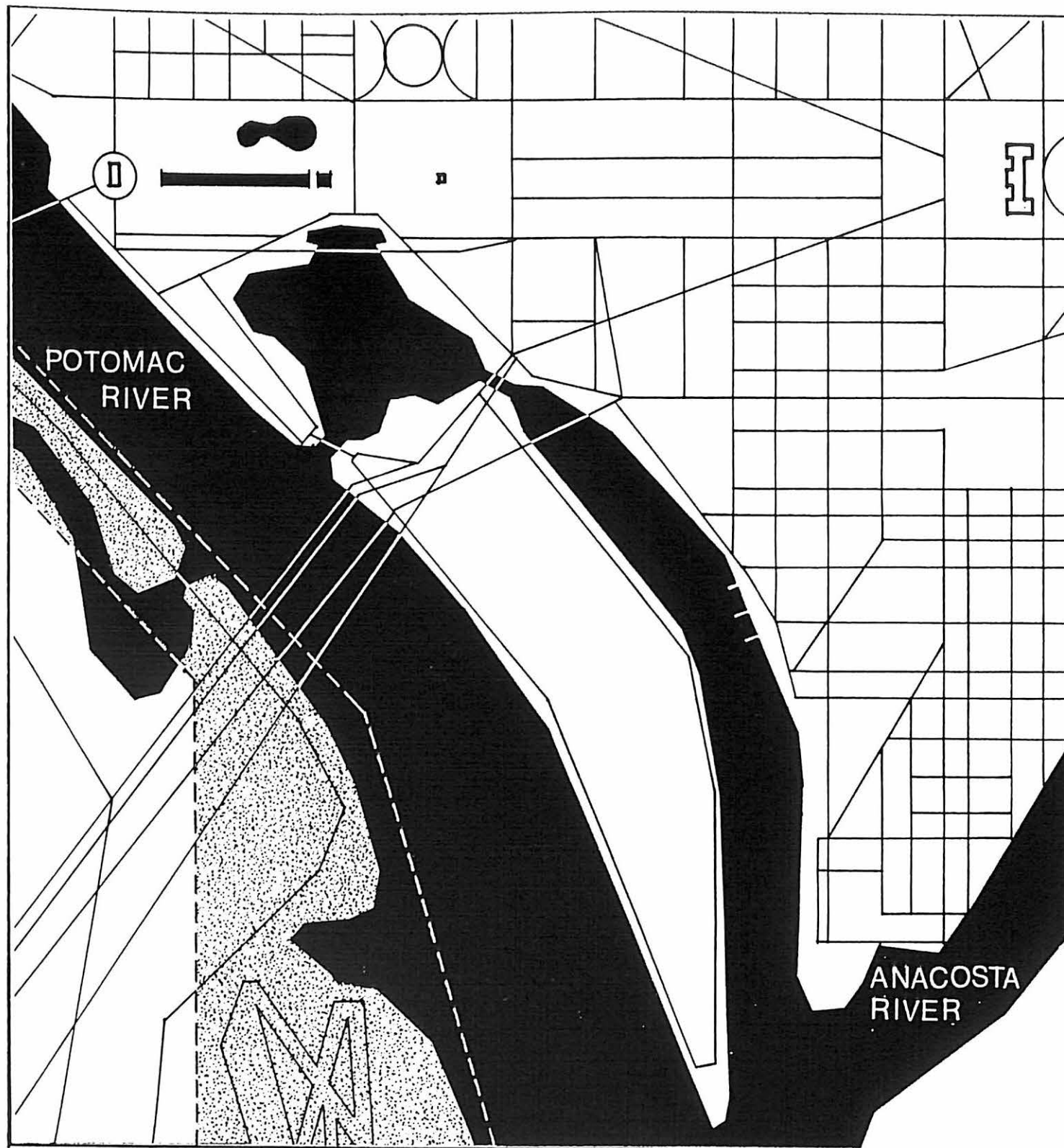
The area northeast of East Potomac Park is dominated by large government office buildings and apartment complexes. Along the shoreline of this area is the location of the Washington Yacht Club and Fishermans Market. The waters edge is full of color and movement making this shoreline an exciting one, both visually and physically.



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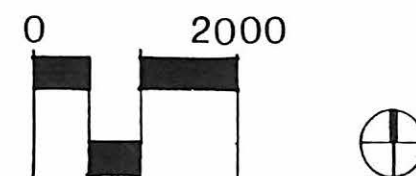
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Virginia

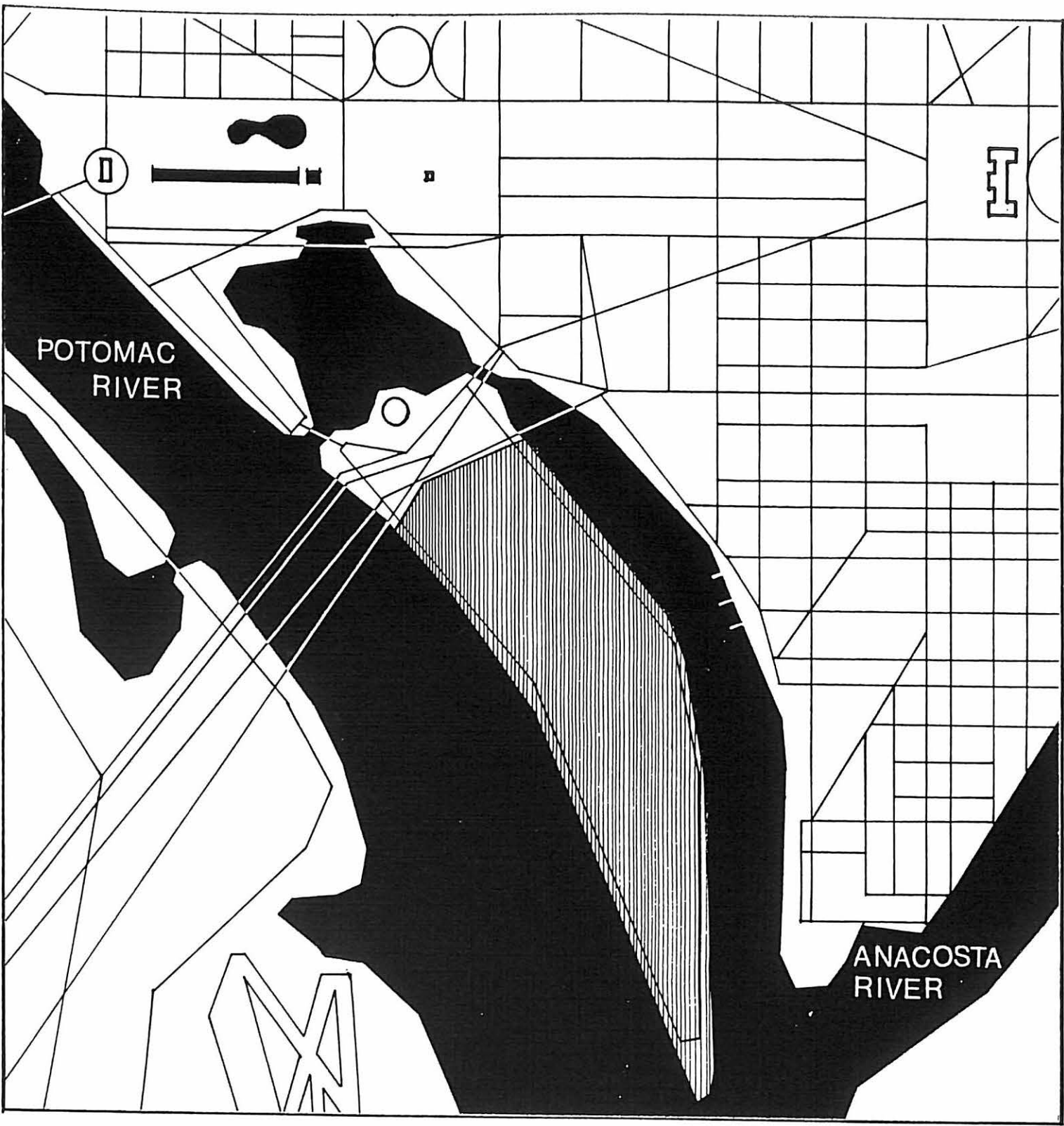


Along the two mile southwestern shore-line of East Potomac Park the visual link to Virginia prevails. The Virginia view is dominated by mixed-use developments along the Potomac River. The scale of these buildings are in sharp contrast to relative low-scale Washington. Also important in this area is National Airport. Millions of visitors to Washington enter the city by this airport. Arrivals and departures are over the Potomac River, thus making the East Potomac Park a visual gateway into the city.

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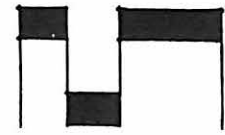


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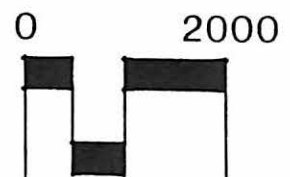


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Vegetation

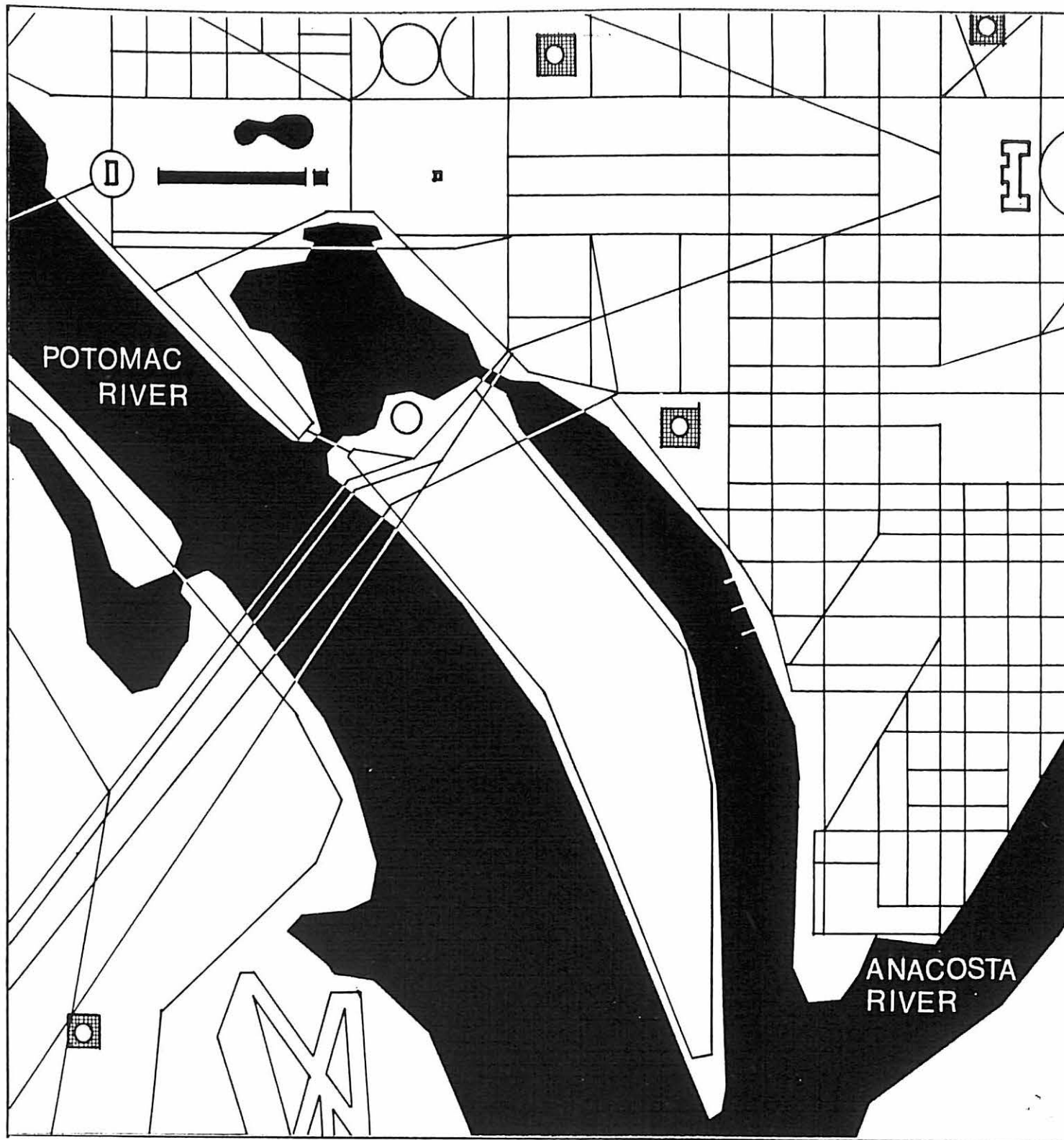


Vegetation on the site is relative sparse except for the area around the Jefferson Memorial and the shoreline of the Potomac and Washington Channel. In these areas rows of Cherry Trees are planted. These trees are part of a gift of Japan during the 1920's and are an important part of the spring celebration in Washington D.C..

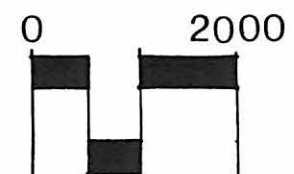


Metro Stations

In Washington D.C. there is an extensive Metrorail system. Over 150 miles of the Metro connect the city. East Potomac Park is located on the Yellow line of the Metro system. This line runs from the Metro Central Station in central D.C. to Alexandria Virginia. The stops include the Pentagon and National Airport. Although the line does not stop at East Potomac Park the line has the potential for the development of a station stop.

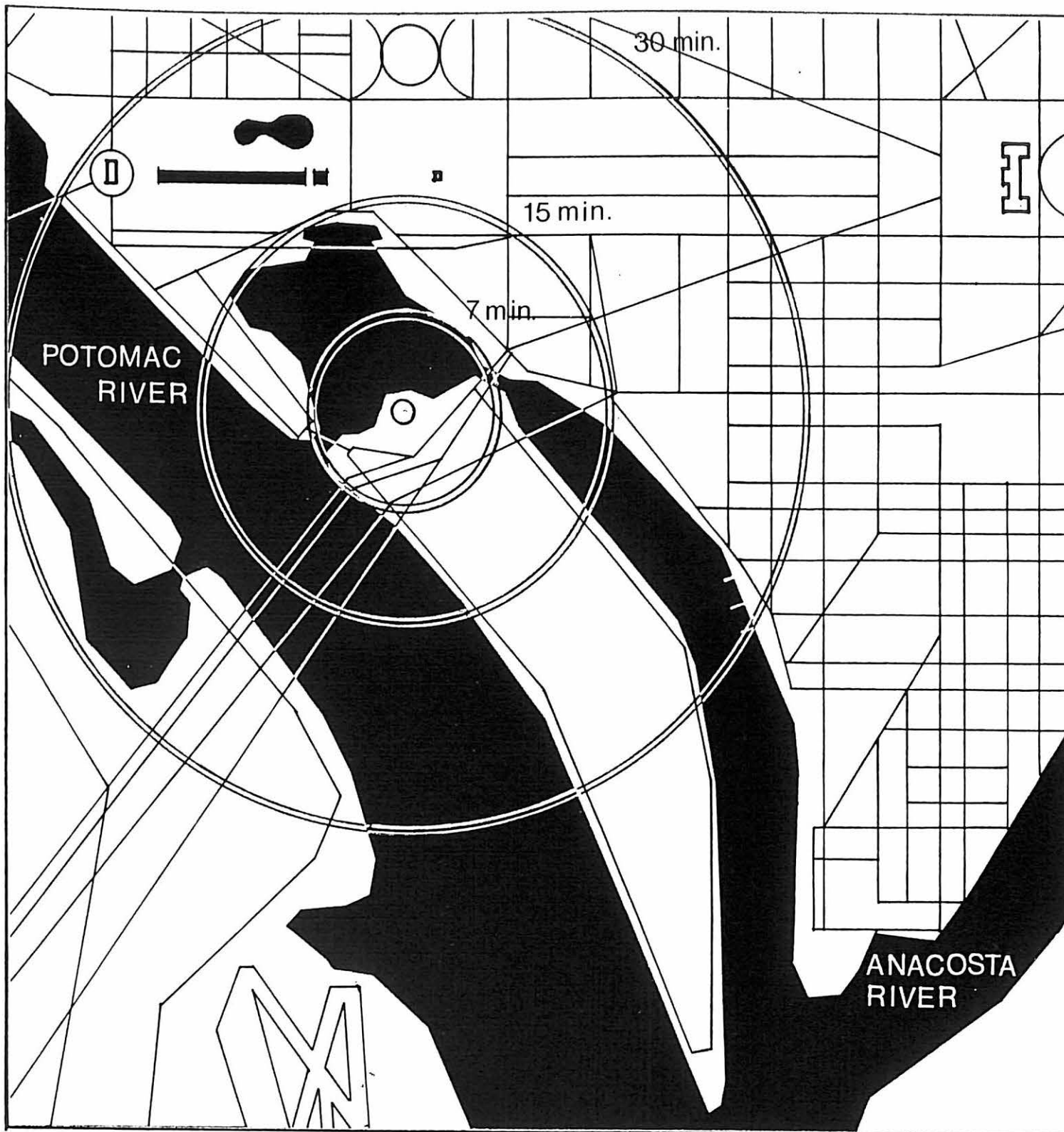


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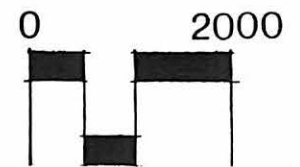


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Walking Radius

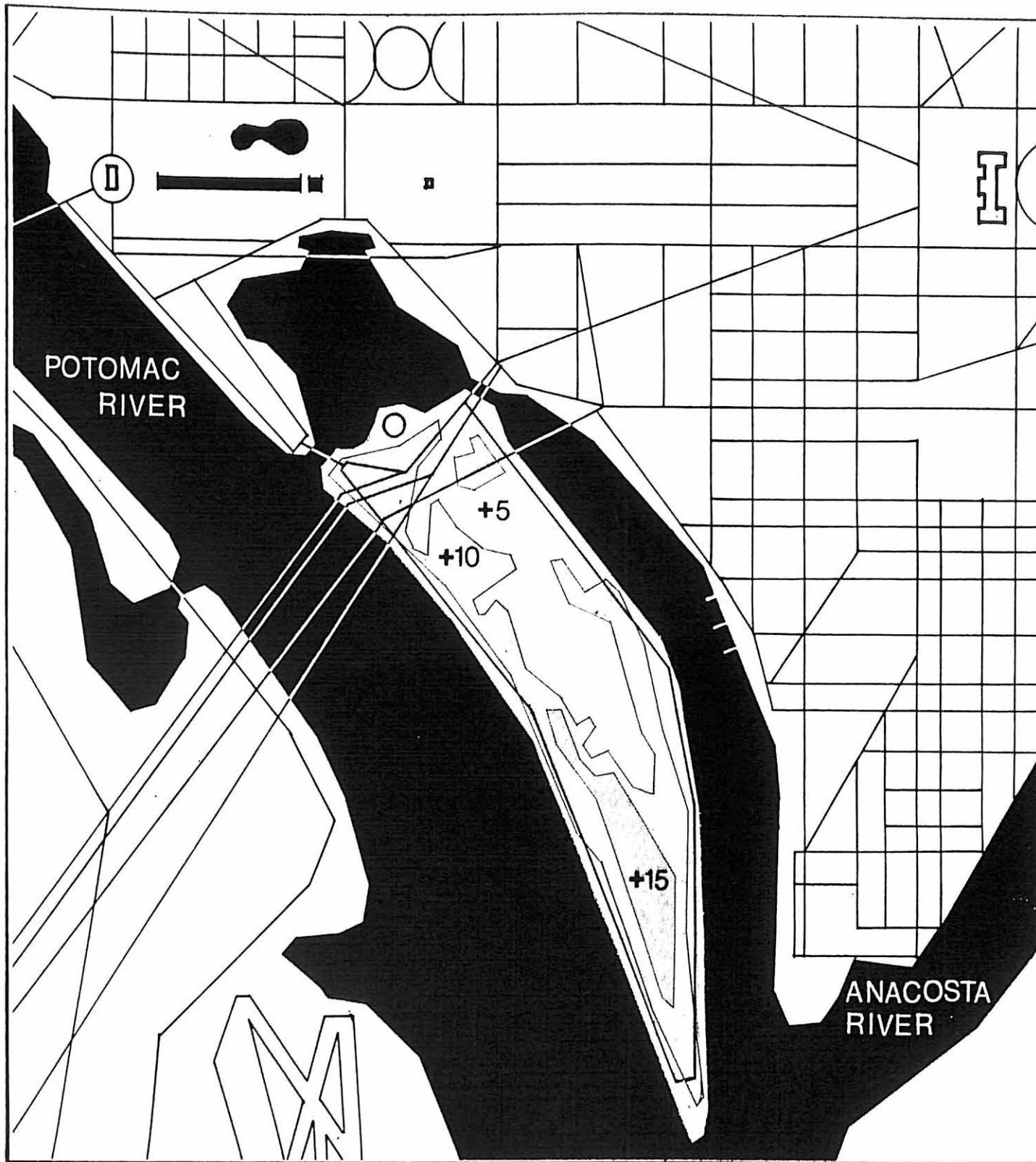


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Topographical



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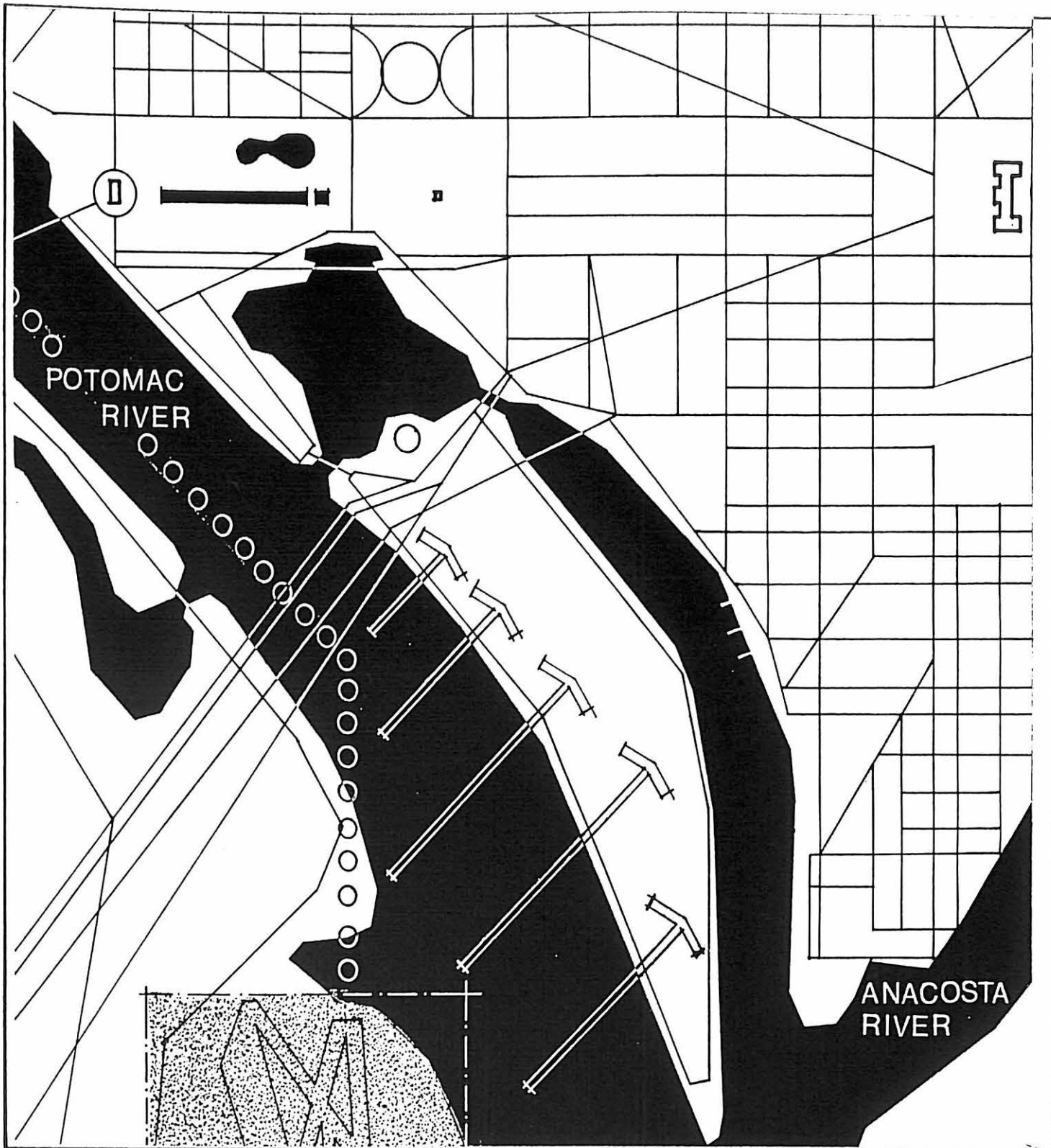


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Noise

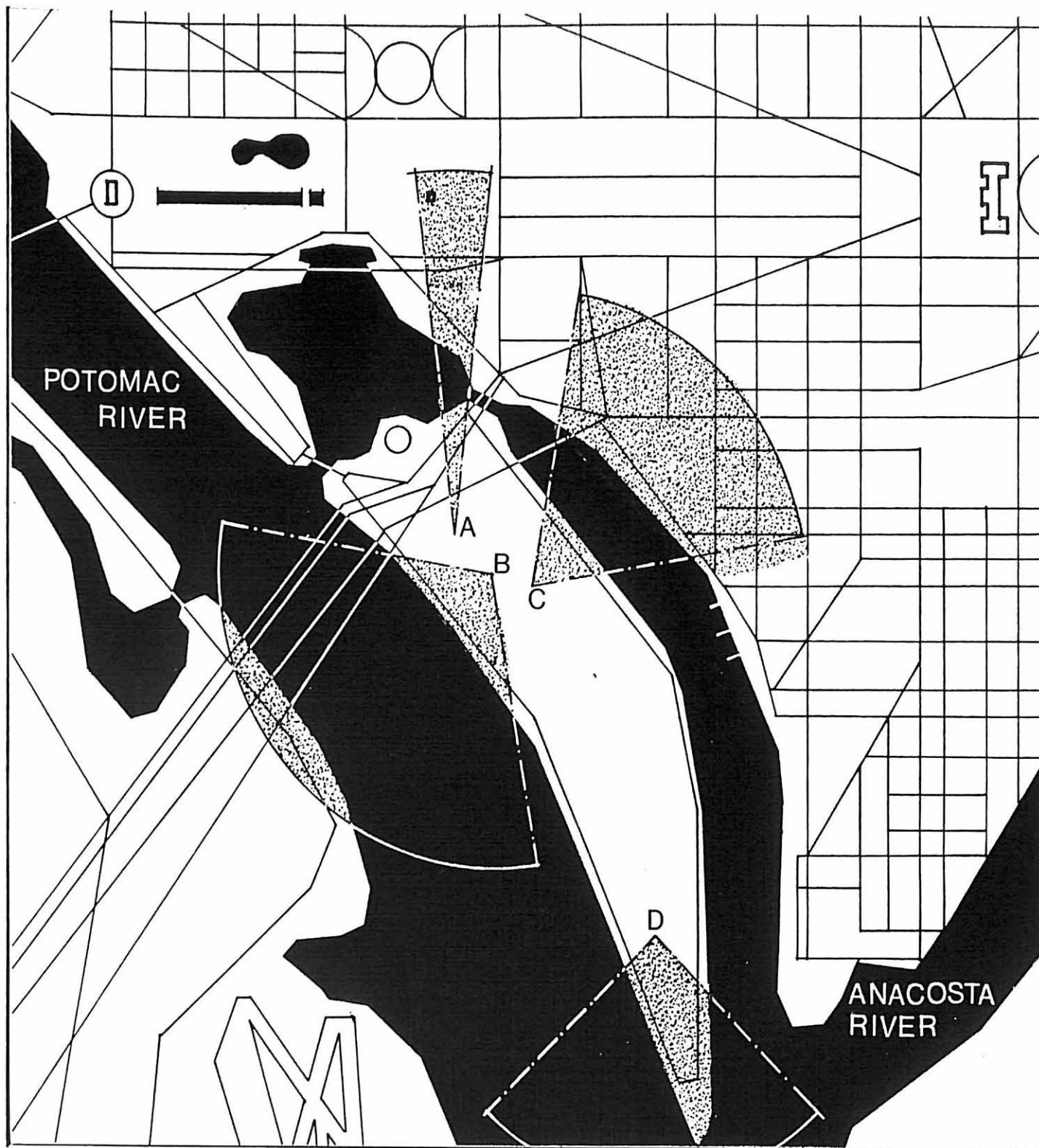
Noise is a prime concern on the site. National Airport is located near the East Potomac Park and is the major international airport for the D.C. area. Planes departing from the airport use the Potomac River as a flight path making the noise a design consideration.



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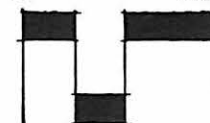
Views



Views from and to the site are good considering the location of East Potomac Park on an island.

- A. The Washington Monument can be seen from a number of places within the site and is a key for location not only on the site but for all of Washington.
- B. The views to Virginia are of various high-rise developments. This gives the Skysling of the Virginia Cost a more Urban look.
- C. The southwest district is composed of several government office complexes and more interesting the waterfront and boat docks.
- D. The view down the Potomac River is not broken by any buildings or land forms, and is perhaps the most spectacular.

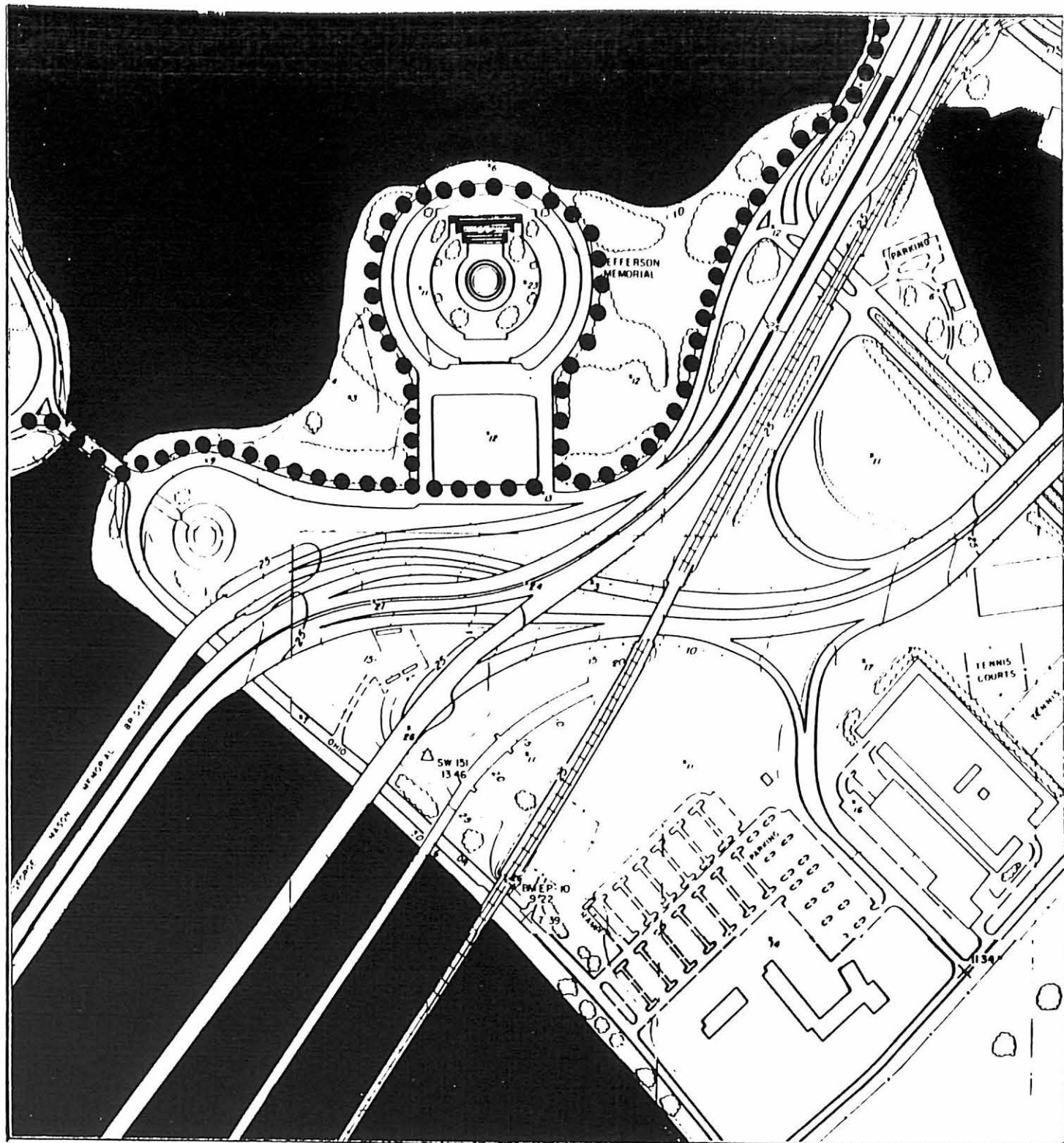
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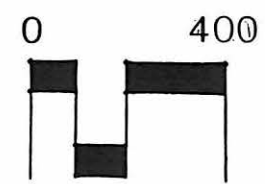
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Pedestrian Flow



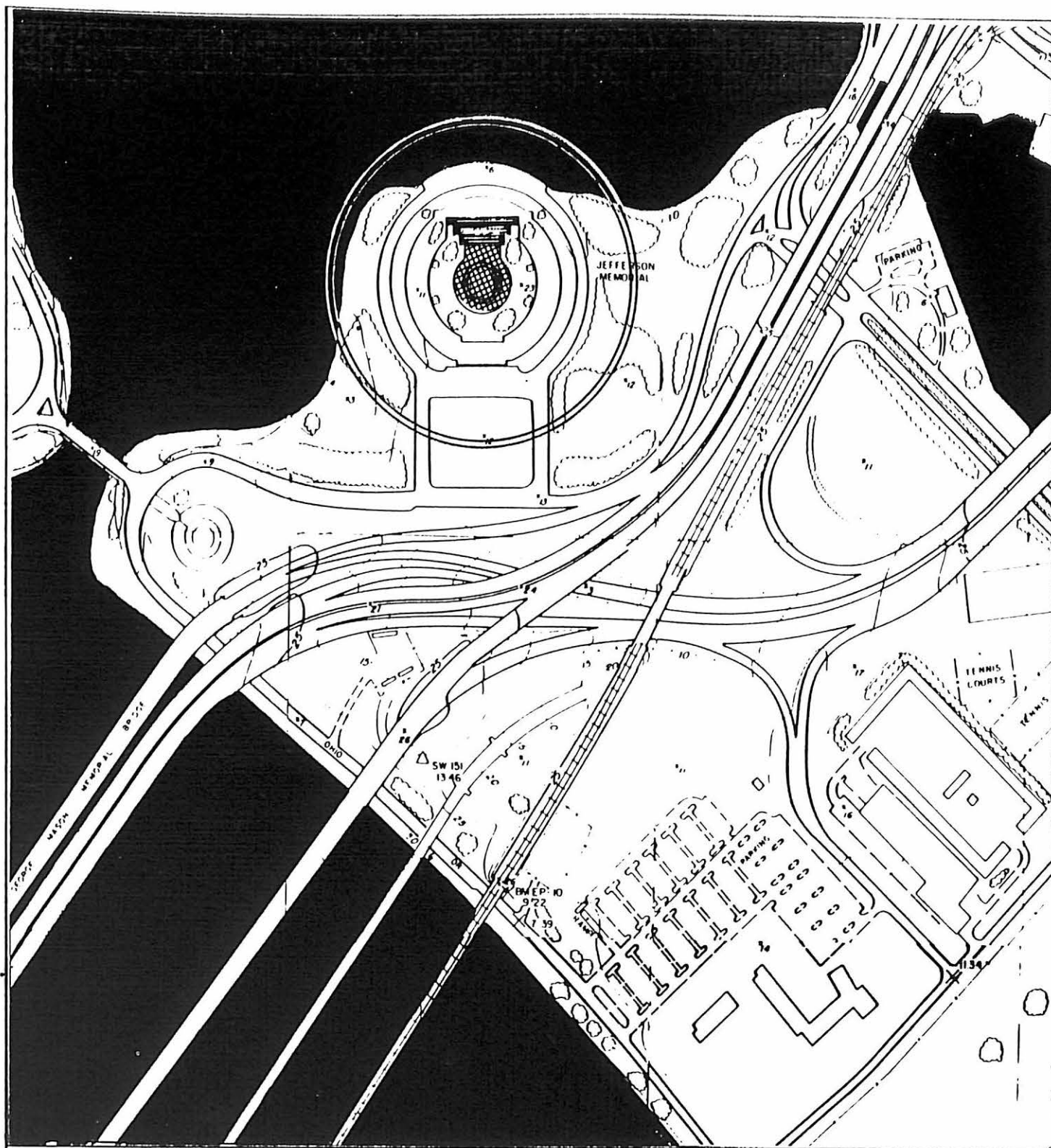
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Landmarks

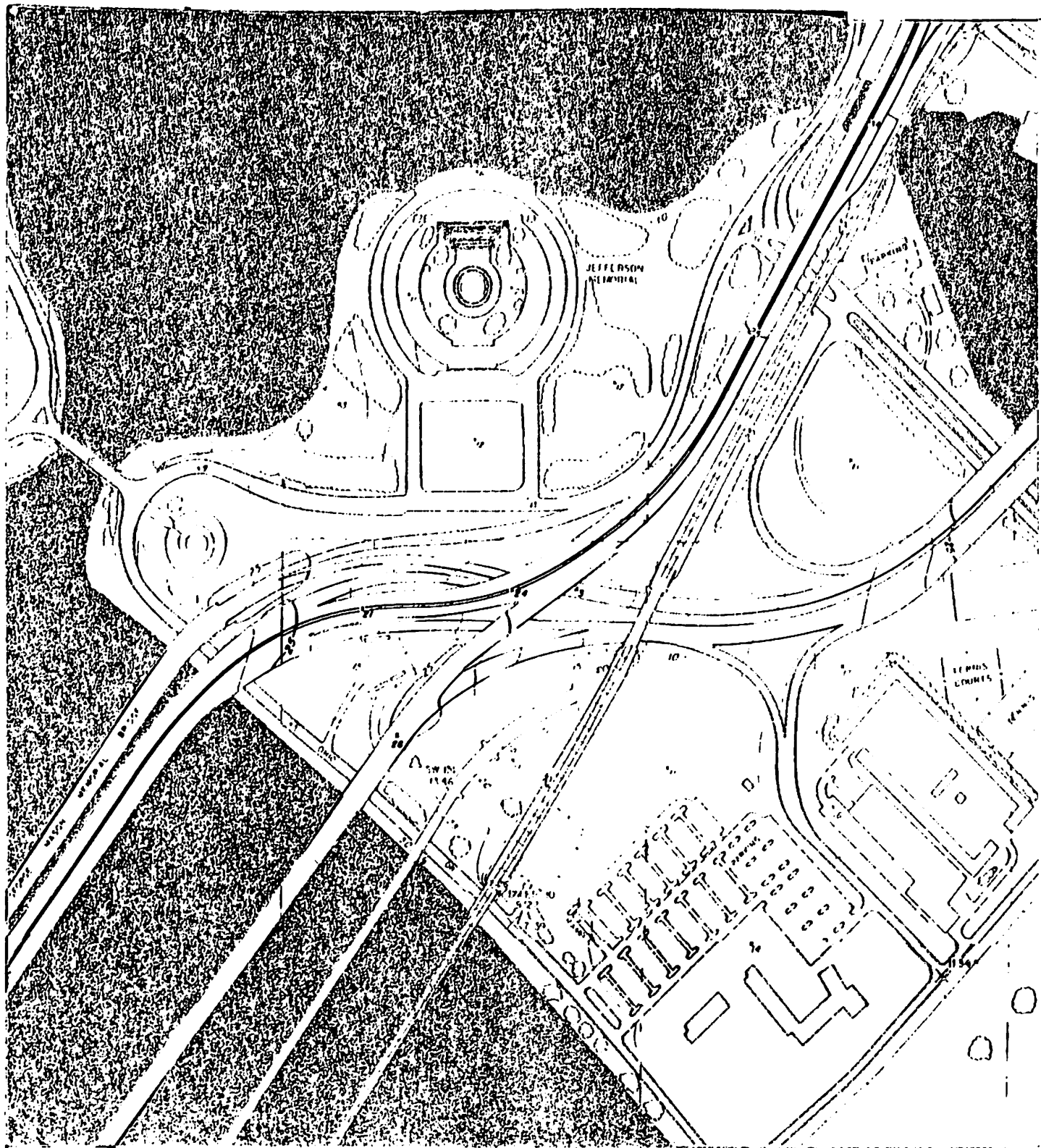
The Jefferson Memorial is the only landmark located within the site. Built in 1936 the memorial of neo-classical design. The memorial plays a vital link in the termination of the axis from the White House.



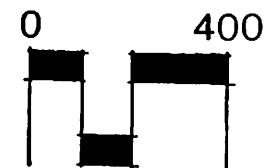
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Taffic Flow



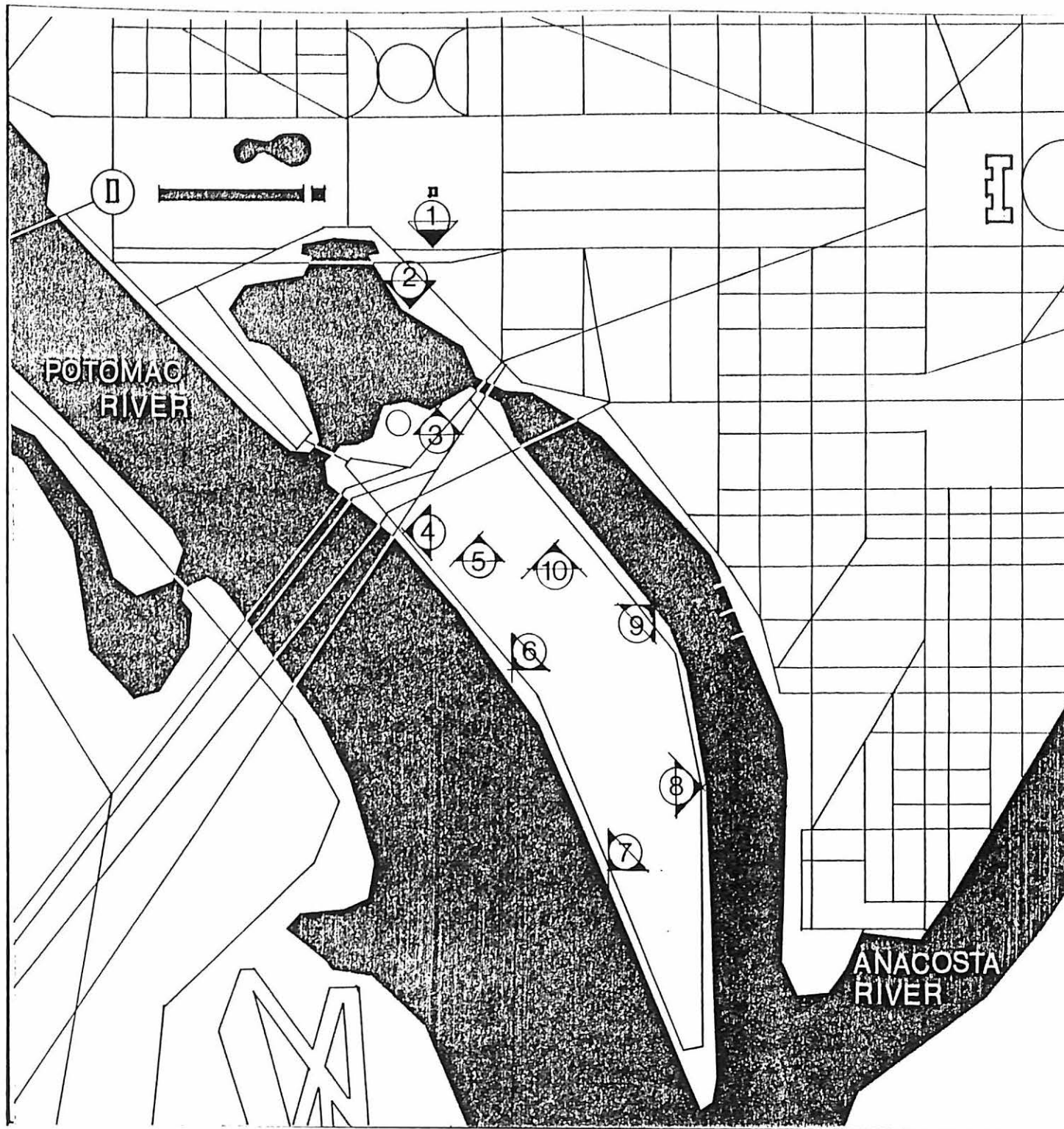
Within the site, 2 major interstate highways intersect. This caeates a visual block to the mall area. These highways are a major link to the outlining comunities surrounding Washington. And are also the bypass aroun Washington D.C.



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East Potomac Park Photo Survey

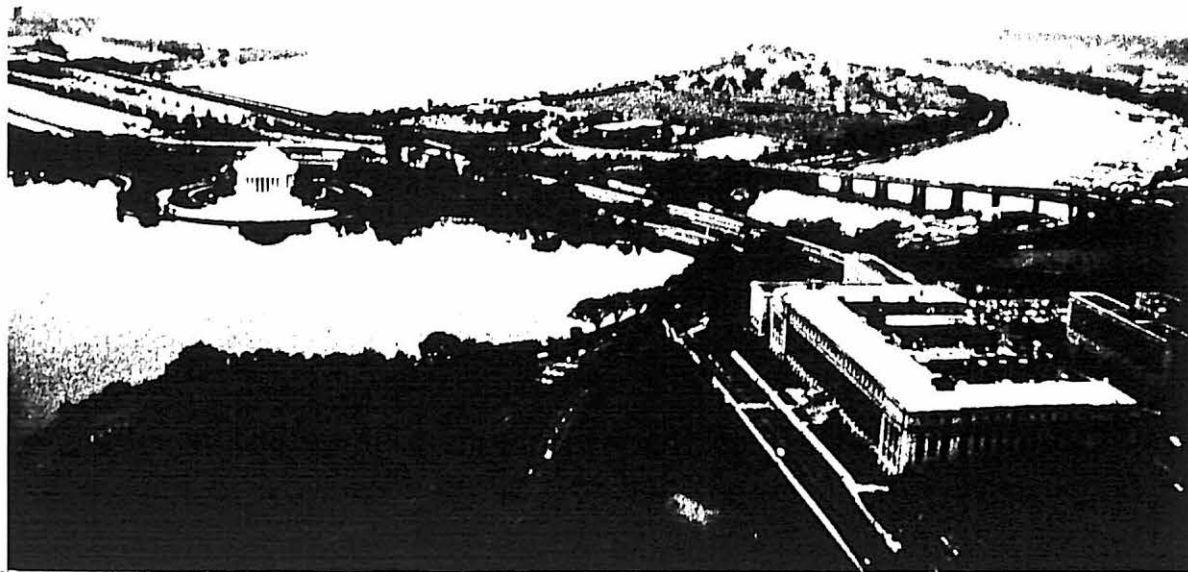


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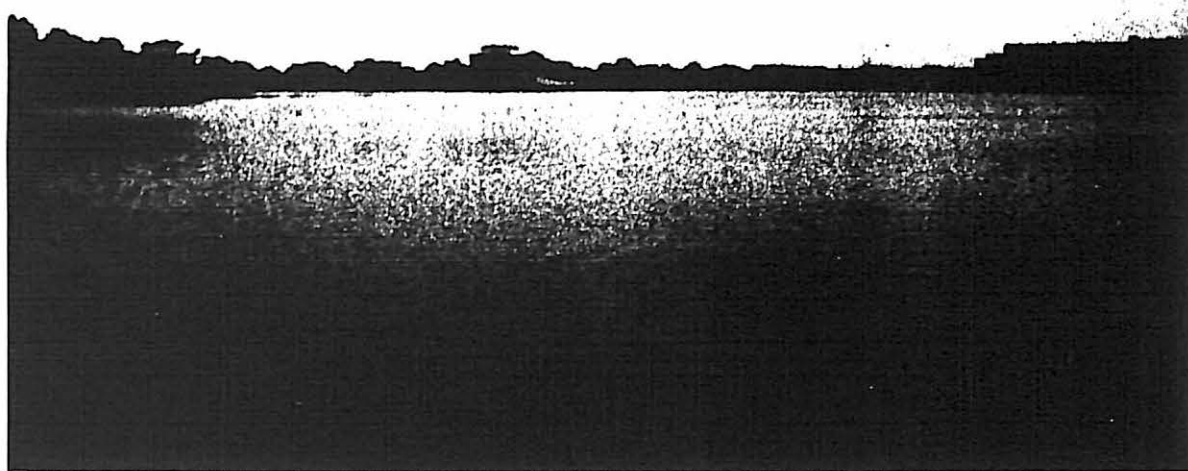
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Photo Survey

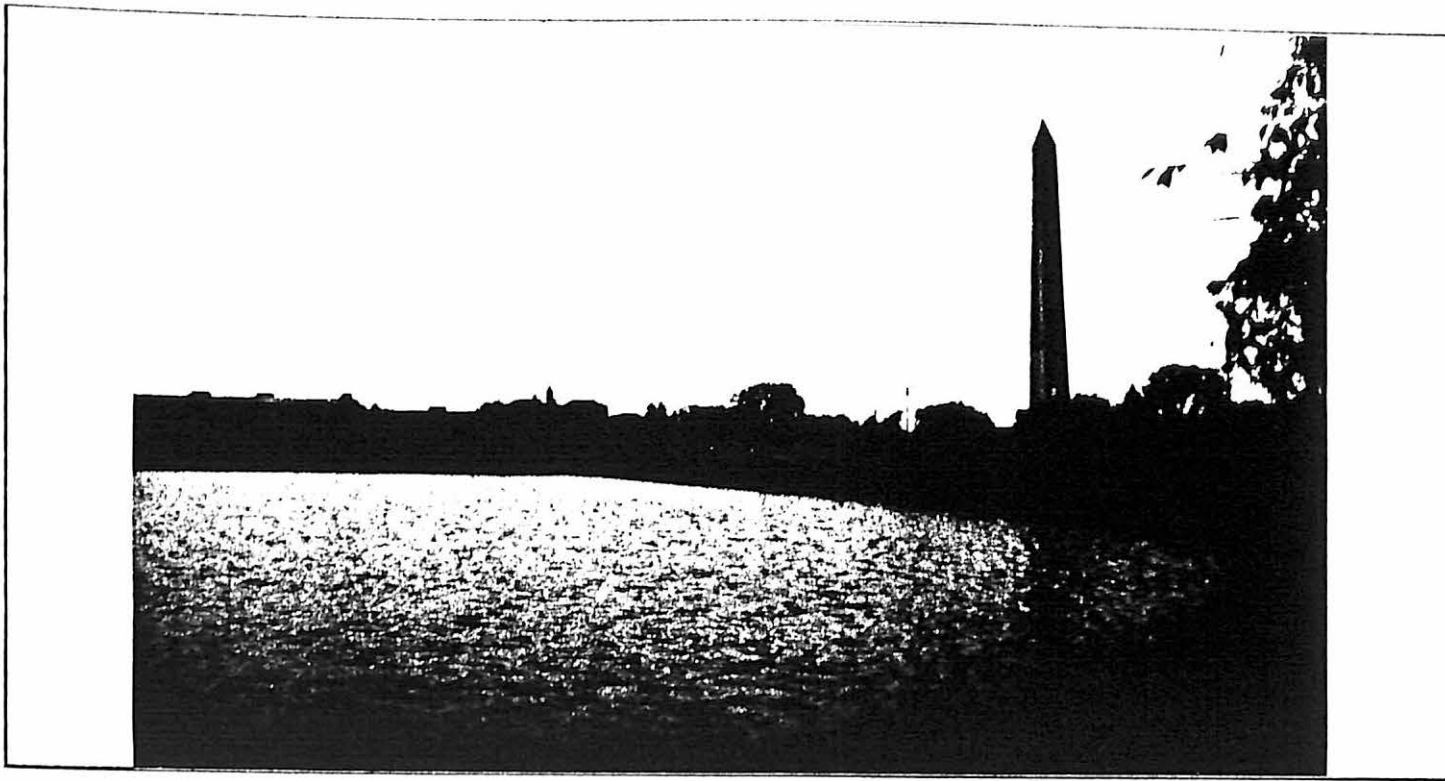
1. East Potomac Park from Washington Monument.



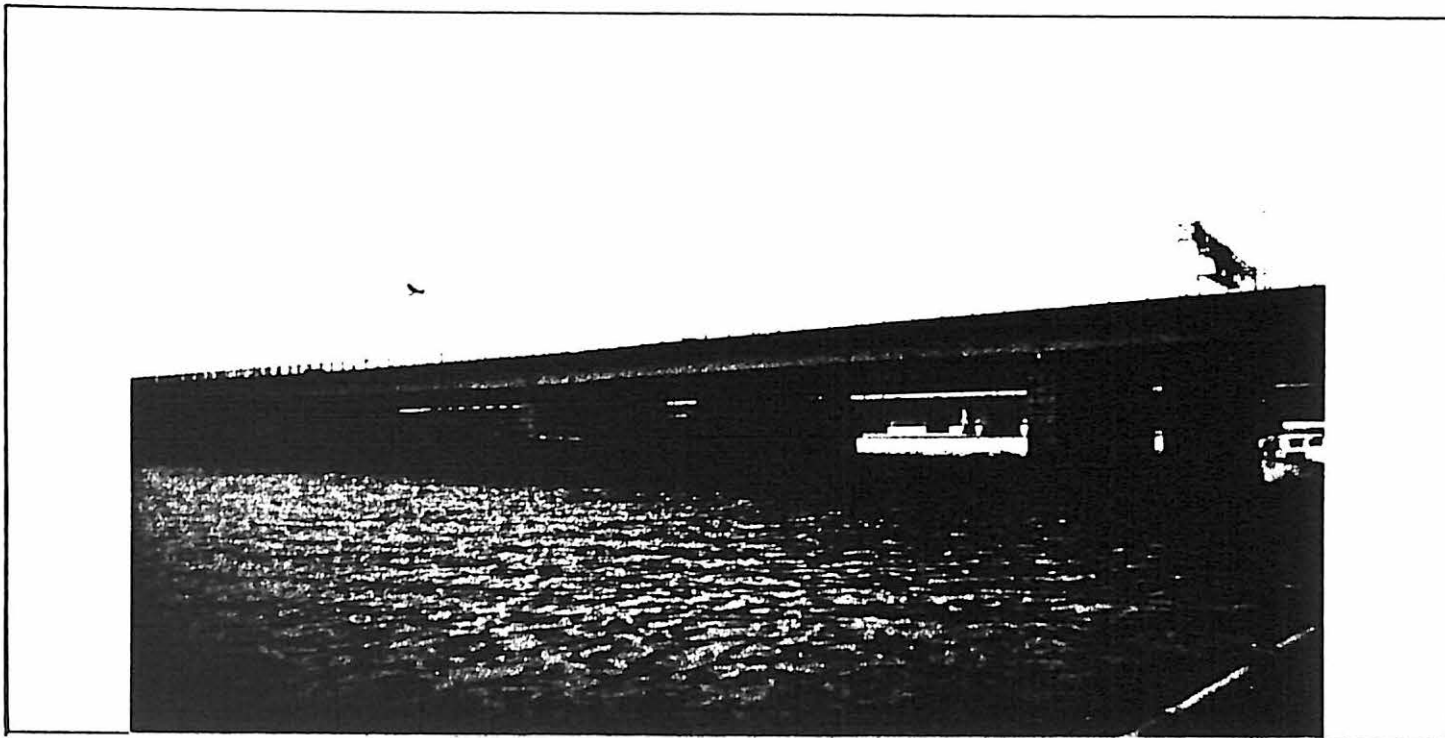
2. Jefferson Memorial from the Mall.



cont.

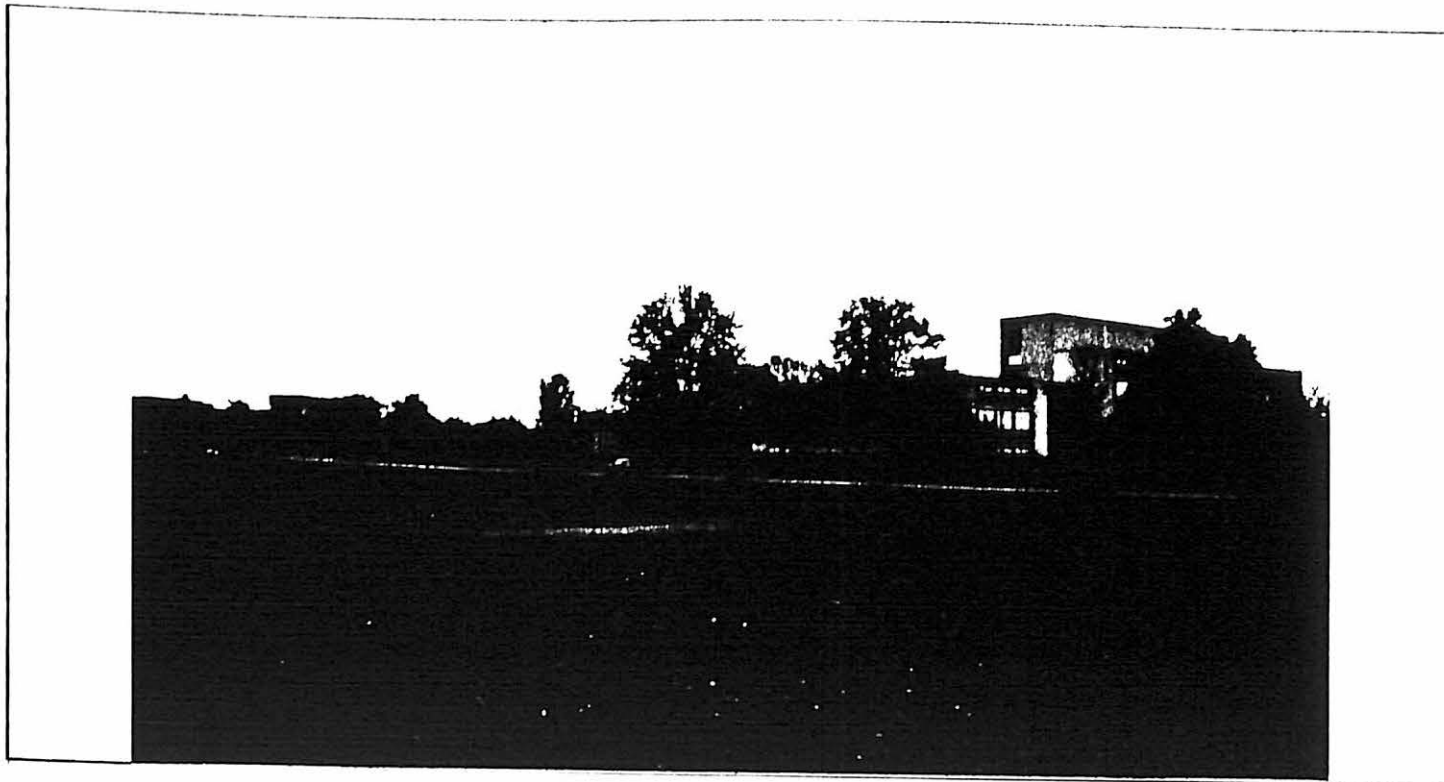


3. Washington Monument
from entry into
East Potomac Park.

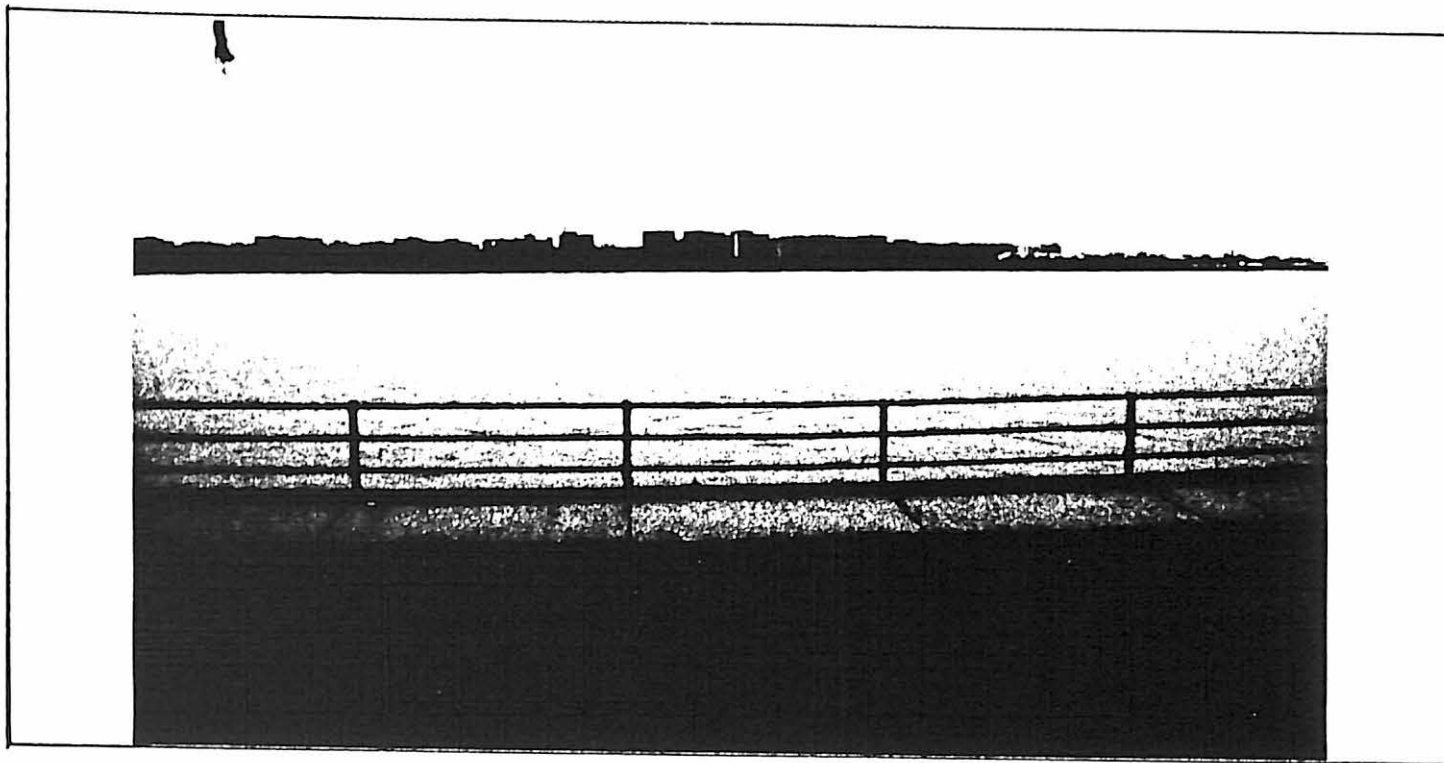


4. Bridges from Virginia.

cont.



5. Existing Buildings
on East Potomac
Park.

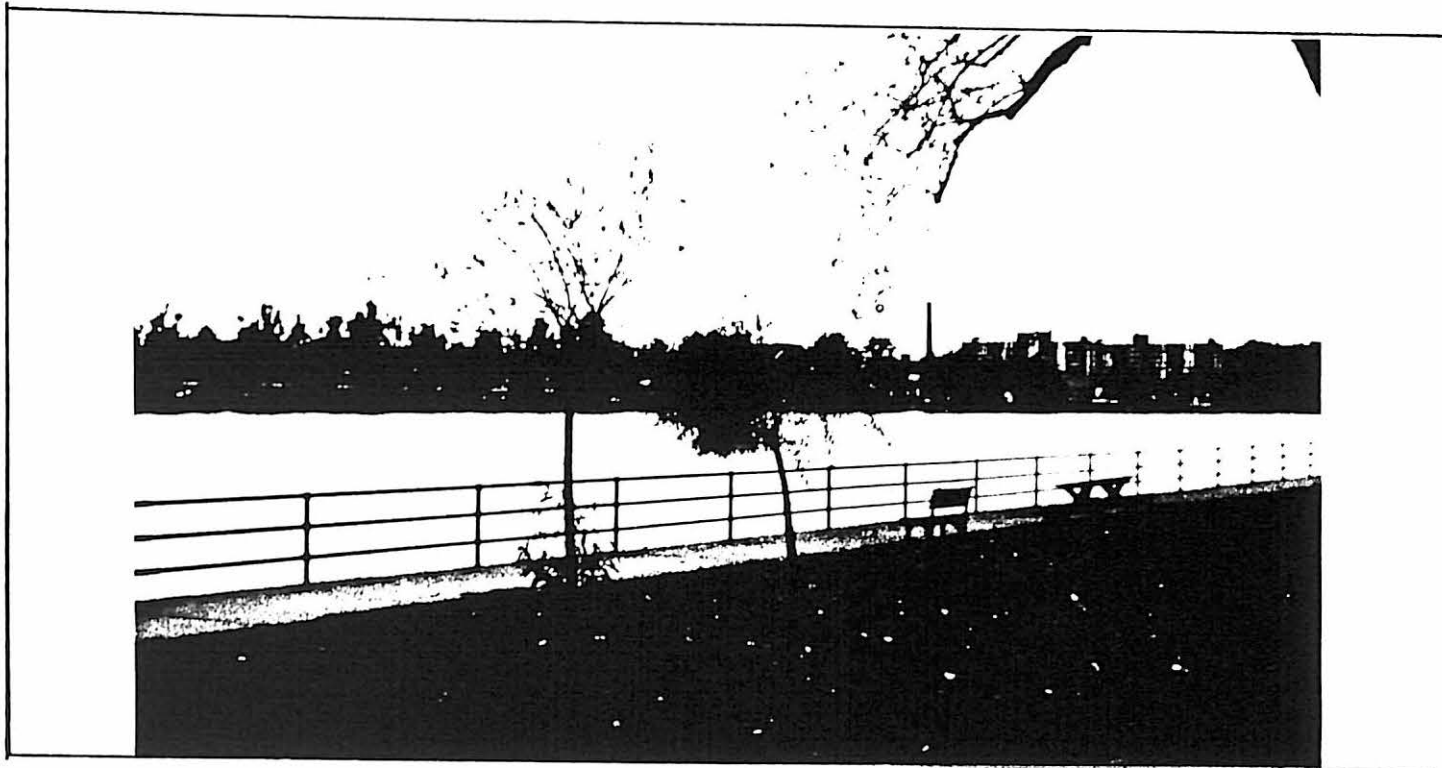


6. Developments on the
Virginia coastline.

cont.



7. Shoreline of East Potomac Park towards the Virginia Coastline.



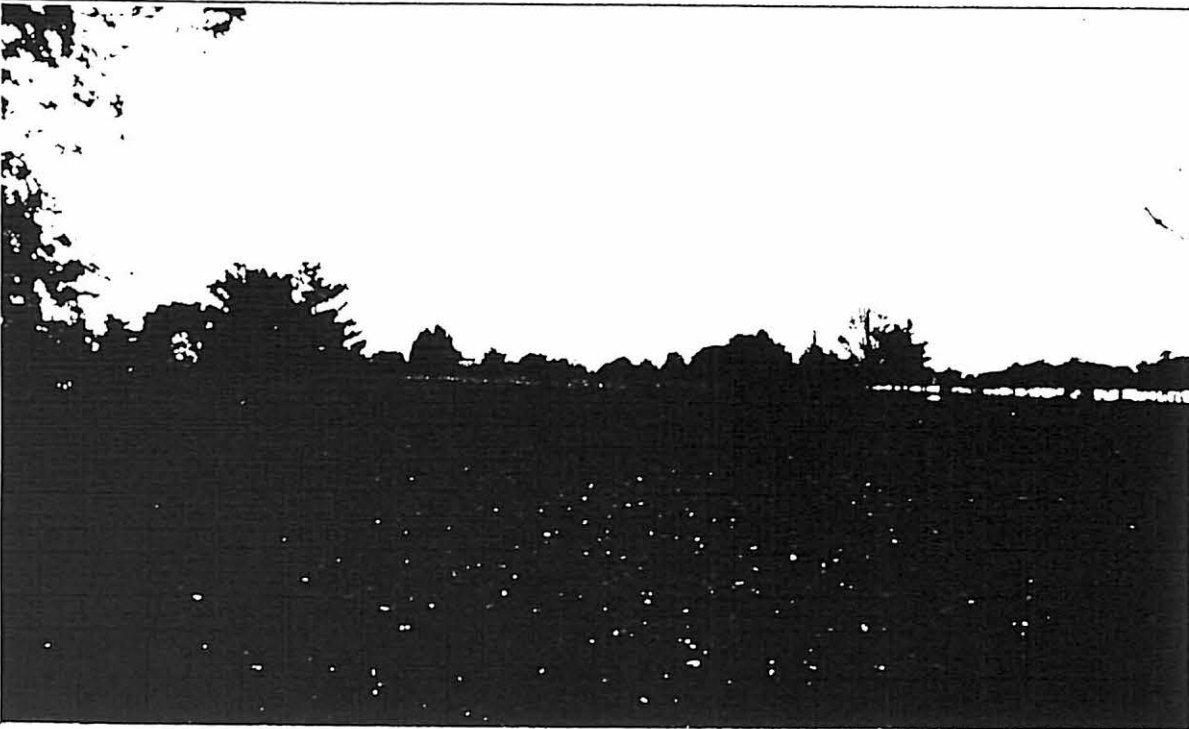
8. View to Southwest district of Washington residential.

cont.

9. Potomac Park shoreline



10. The golf course located in the center of East Potomac Park. Washington Monument in the background.



Soils Report

Geographically the site is located just below the fall line of the Potomac River. Originally, it was within the river bed, near the shore. Tiber Creek emptied into the Potomac about 3000 feet to the north. The Chesapeake and Ohio Canal passed near the site. By 1884 the site had been largely reclaimed but undeveloped; by 1914 it had been filled.

Soil borings reveal seven layers of strata, the bottom being a moderately to highly fractured rock. The Lincoln and Jefferson Memorials rest on this rock, the loads transferred via concrete pilings. The rock is from 45 to 55 feet below ground surface.

The six strata above the rock strata are a mixture of organic matter, silt, sand, gravel, and disintegrated rock. Ground water may be encountered depending on ground surface elevation. The nature of the soil may also cause vertical movement unless it is carefully stabilized, since ground water levels fluctuate and since soils compact under load.

CLIMATE



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WASHINGTON, D.C.

Climate

Washington lies at the western edge of the middle Atlantic coastal plain, about 50 miles east of the Blue Ridge Mountains and 35 miles west of Chesapeake Bay at the junction of the Potomac and Anacostia Rivers. Elevations range from a few feet above sea level to about 400 feet in parts of the northwest section of the city.

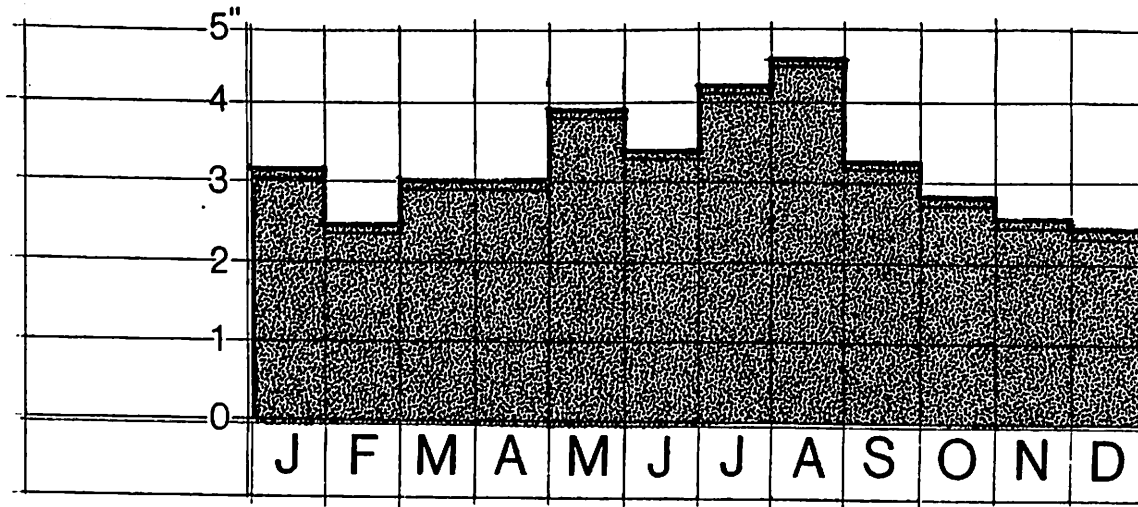
Summers are warm and winters mild; generally pleasant weather prevails in the spring and autumn. The coldest weather occurs in late January and early February. The warmest occurs in late July. There are no well pronounced wet and dry seasons. Thunderstorms, during the summer months, often bring sudden and heavy showers and may be attended by damaging winds, hail, and lightning.

Tropical disturbances occasionally, during their northward passage, influence Washington's weather mainly with high winds and heavy rainfall, but extensive damage from wind and tidal flooding is very rare.

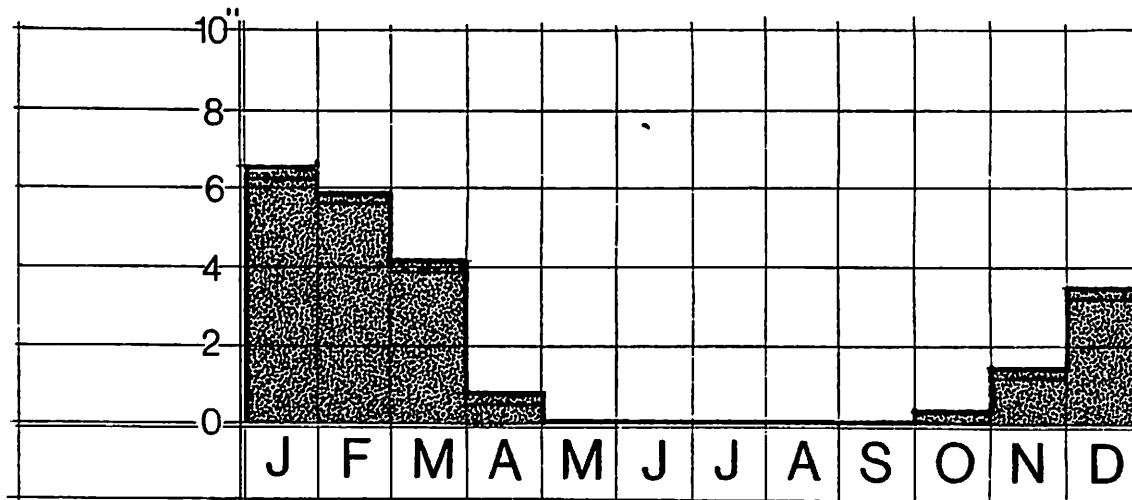
Snow accumulations of more than 10 inches are relatively rare. Usually the melt-off is rapid, but snow depths of 3 or more inches make driving hazardous, and slows or halts traffic. Schools may be closed and community activities may be temporarily disorganized, but usually conditions improve within a day or two. The first significant snow accumulation of a season is often the most disruptive. The greatest recorded snowfall from a single storm was 28 inches.

Records of the past 20 years show the average date of the last freezing temperature in the spring to be March 29 and the latest April 16. The average date of the first freezing temperature in the fall is November 10 and the earliest October 20.

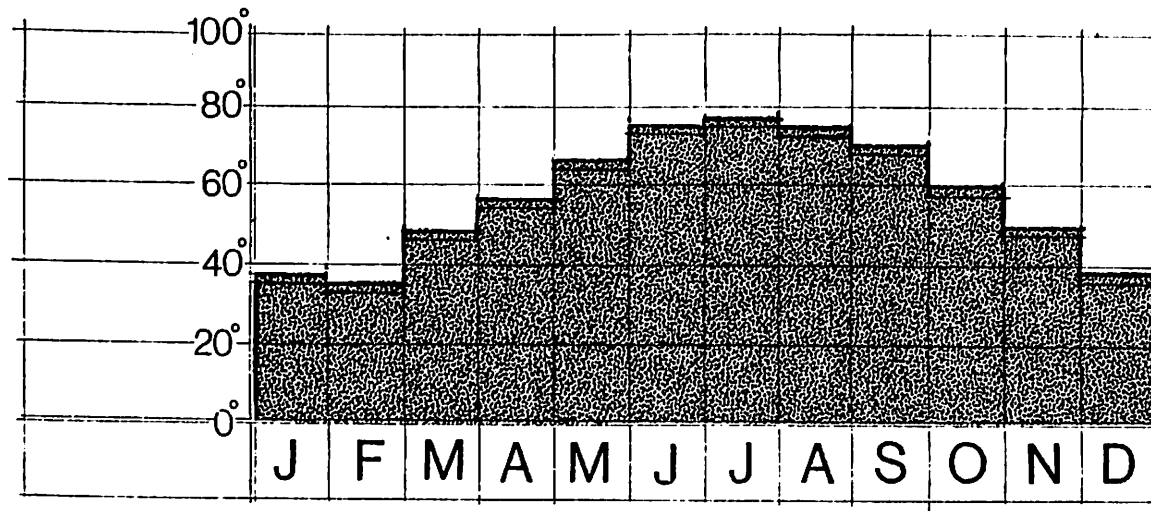
Rain



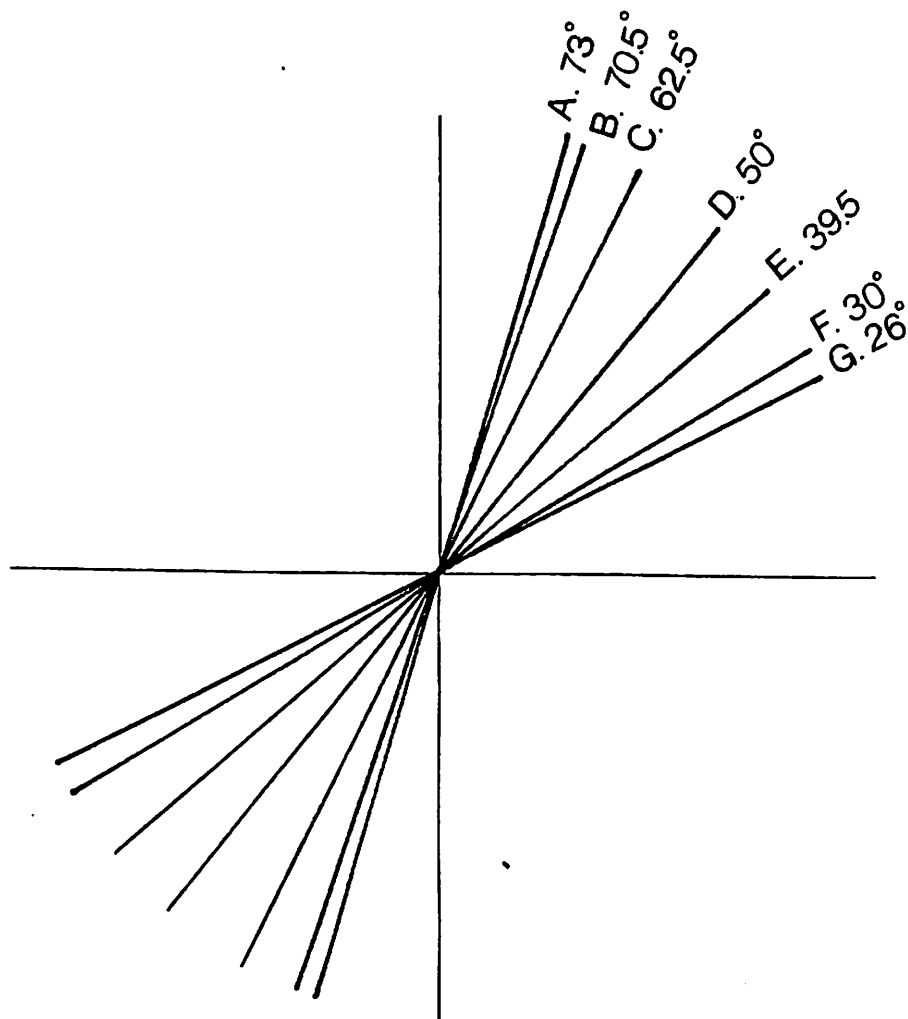
Snow



Temperature



Altitude
Sun Angle
Latitude 40°



- A. June
- B. July / May
- C. August / April
- D. September / March
- E. October / February
- F. November / January
- G. December

NEEDS



A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.

THE COMPLEX



A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.

User Roles

The users of the Presidential Resource Complex can be broken into (4) four major categories:

- (1) Researchers
- (2) General Public
- (3) Staff
- (4) Maintenance

These four groups have a different reason for using the Complex, therefore they perceive the facility with different view points.

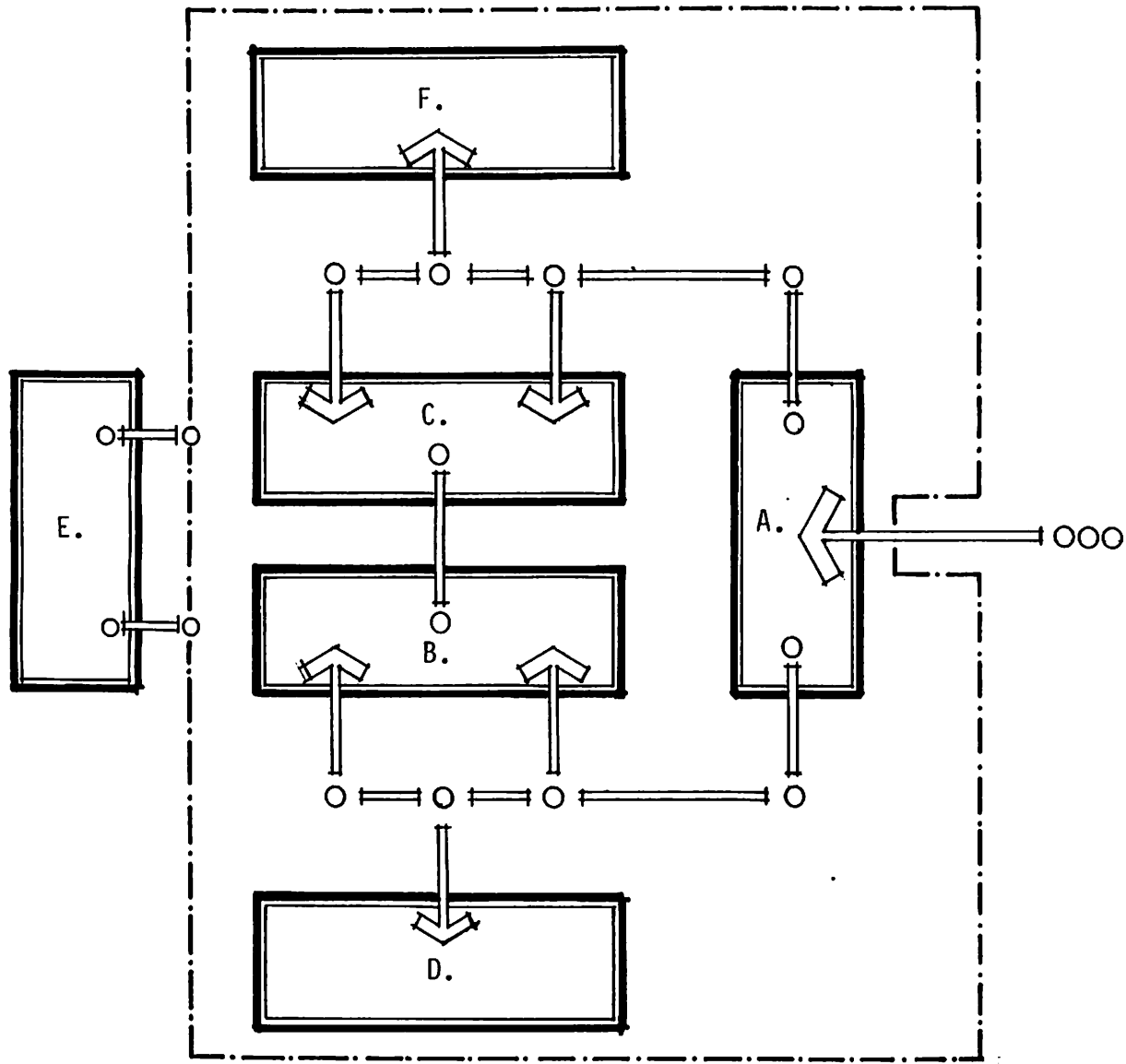
The researchers consist of those individuals coming to the Resource Complex to study American Presidents and their administrations. They range from high school students to graduate students and also include biography researching of the lives of Presidents.

The second group consist of the general public. Those who are participants in the continuing education of the Complex and those interested in the historical holdings within the museums. It is the museums that the general public has heard most about and will most often visit.

The next group consists of individuals who manage the administrative and technical end of the Complex. The staff includes: administrators, educators, archivists, museum specialists, etc. These individuals are what makes the Complex run as a whole.

The final group is maintenance which consists of the Complex superintendent, building managers, janitors, security, etc. These individuals fulfill the important physical requirement a Complex such as this demands.

Complex Relationship Diagram



- A. ADMINISTRATION
- B. MUSEUM/EXHIBITS
- C. LIBRARIES
- D. CONTINUING EDUCATION
- E. SUPPORT
- F. HOUSING

Administration

A1	Lobby	3000 sq. ft.
A2	Theater	6000 sq. ft.
A3	Waiting Area	400 sq. ft.
A4	Executive Director	500 sq. ft.
A5	Executive Secretary Office	150 sq. ft.
A6	Operations Director	350 sq. ft.
A7	Operations Director	350 sq. ft.
A8	Director of Accounting	300 sq. ft.
A9	Accounting Staff	600 sq. ft.
A10	Director of Purchasing	300 sq. ft.
A11	Purchasing Staff Offices	600 sq. ft.
A12	Director of Housing	300 sq. ft.
A13	Housing Staff Offices	300 sq. ft.
A14	Private Secretary Offices	5 @ 150 sq. ft.
A15	Secretarial Staff Office	600 sq. ft.
A16	Conference Room	500 sq. ft.
A17	Switch Board	300 sq. ft.
A18	Break Room	250 sq. ft.
A19	Restrooms	800 sq. ft.
A20	Staff Restrooms	300 sq. ft.
A21	Presidential Office	600 sq. ft.
A22	Presidential Private Secretary	200 sq. ft.
A23	Secret Service Office	250 sq. ft.
	TOTAL	<hr/> 17700 sq. ft.

Museum

B1	Lobby	1200 sq. ft.
B2	Exhibit Area	15000 sq. ft.
B3	Theater	1500 sq. ft.
B4	Sales Shop	450 sq. ft.
B5	Public Restrooms	2 @ 400 sq. ft.
B6	Sales/Theater Storage	200 sq. ft.
B7	Museum Storage	4000 sq. ft.
B8	Museum Workroom	500 sq. ft.
B9	Clean Room	400 sq. ft.
B10	Curator/Director's Office	350 sq. ft.
B11	Secretary	250 sq. ft.
B12	Registrar's Office	250 sq. ft.
B13	Designer's Office	150 sq. ft.
B14	Historian's Office	150 sq. ft.
B15	General Office	450 sq. ft.
B16	Production Shop	1000 sq. ft.
B17	Receiving	300 sq. ft.
B18	Break Area	250 sq. ft.
B19	Staff Restrooms	2 @ 200 sq. ft.
B20	Maintenance Room	200 sq. ft.
B21	Security Control	200 sq. ft.
	TOTAL	<hr/> 28000 sq. ft.

Library

C1	Orientation	250 sq. ft.
C2	Lounge	250 sq. ft.
C3	Research Room	1500 sq. ft.
C4	Document Storage	14000 sq. ft.
C5	Vault	6000 sq. ft.
C6	Audio-Visual Room	400 sq. ft.
C7	Audio-Visual Storage	2000 sq. ft.
C8	Audio-Visual Freezer	750 sq. ft.
C9	Audio-Visual Lab	1500 sq. ft.
C10	Microform Reading Room	200 sq. ft.
C11	Book Storage	2500 sq. ft.
C12	Archival Staff	2550 sq. ft.
C13	Document Reproduction	200 sq. ft.
C14	Director	300 sq. ft.
C15	Assistant Director	225 sq. ft.
C16	Administrative Officer	150 sq. ft.
C17	Secretaries	250 sq. ft.
C18	Conference	1000 sq. ft.
C19	Office Supply	400 sq. ft.
C20	Restrooms	2 @ 500 sq. ft.
C21	Break Room	600 sq. ft.
C22	Preservation Lab	300 sq. ft.
C23	Archival Processing	300 sq. ft.
C24	Receiving Area	500 sq. ft.
C25	Security Control	200 sq. ft.
C26	Maintenance Room	200 sq. ft.
	TOTAL	37525 sq. ft.

Education

D1	Lobby	1200 sq. ft.
D2	Theater	3000 sq. ft.
D3	Seminar Rooms	3 @ 800 sq. ft.
D4	Director	300 sq. ft.
D5	Assistant Director	200 sq. ft.
D6	Coordinator	2 @ 150 sq. ft.
D7	Secretaries	400 sq. ft.
D8	Storage	300 sq. ft.
D9	Restrooms	2 @ 500 sq. ft.
D10	Work Room	500 sq. ft.
D11	Maintenance Room	200 sq. ft.
D12	Staff Restrooms	2 @ 200 sq. ft.
	TOTAL	<hr/> 10200 sq. ft.

Support

E1	Complex Superintendent	350 sq. ft.
E2	Secretaries	400 sq. ft.
E3	Building Manager	300 sq. ft.
E4	Mechanical Engineer	150 sq. ft.
E5	Security Director	300 sq. ft.
E6	Restrooms	2 @ 200 sq. ft.
E7	Lounge	500 sq. ft.
E8	Locker Room	1000 sq. ft.
E9	Staff Restrooms	2 @ 200 sq. ft.
E10	Restroom	1000 sq. ft.
E11	Storage	500 sq. ft.
E12	Security Control	200 sq. ft.
E13	Receiving	500 sq. ft.
E14	Mechanical	6000 sq. ft.
E15	Fan Rooms	400 sq. ft.
E16	Staff Cafeteria	4000 sq. ft.
E17	First Aid	250 sq. ft.
	TOTAL	<hr/> 16650 sq. ft.

Housing

F1	Living Units	40 @ 900 sq. ft.
F2	Lounge	4 @ 400 sq. ft.
F3	Recreation	1725 sq. ft.
	TOTAL	<hr/> 39325 sq. ft.

ADMINISTRATION

A PRESIDENTIAL RESOURCE COMPLEX



WASHINGTON, D.C.

Introduction

The administrative zone provides space for the day to day operations within the Complex. Serving as the main entry for the Presidential Resource Complex, researchers as well as the general public will use this area as a point of orientation. From this zone the different users will move to primary destinations, the various libraries, museums, housing or the education departments located in the Complex.

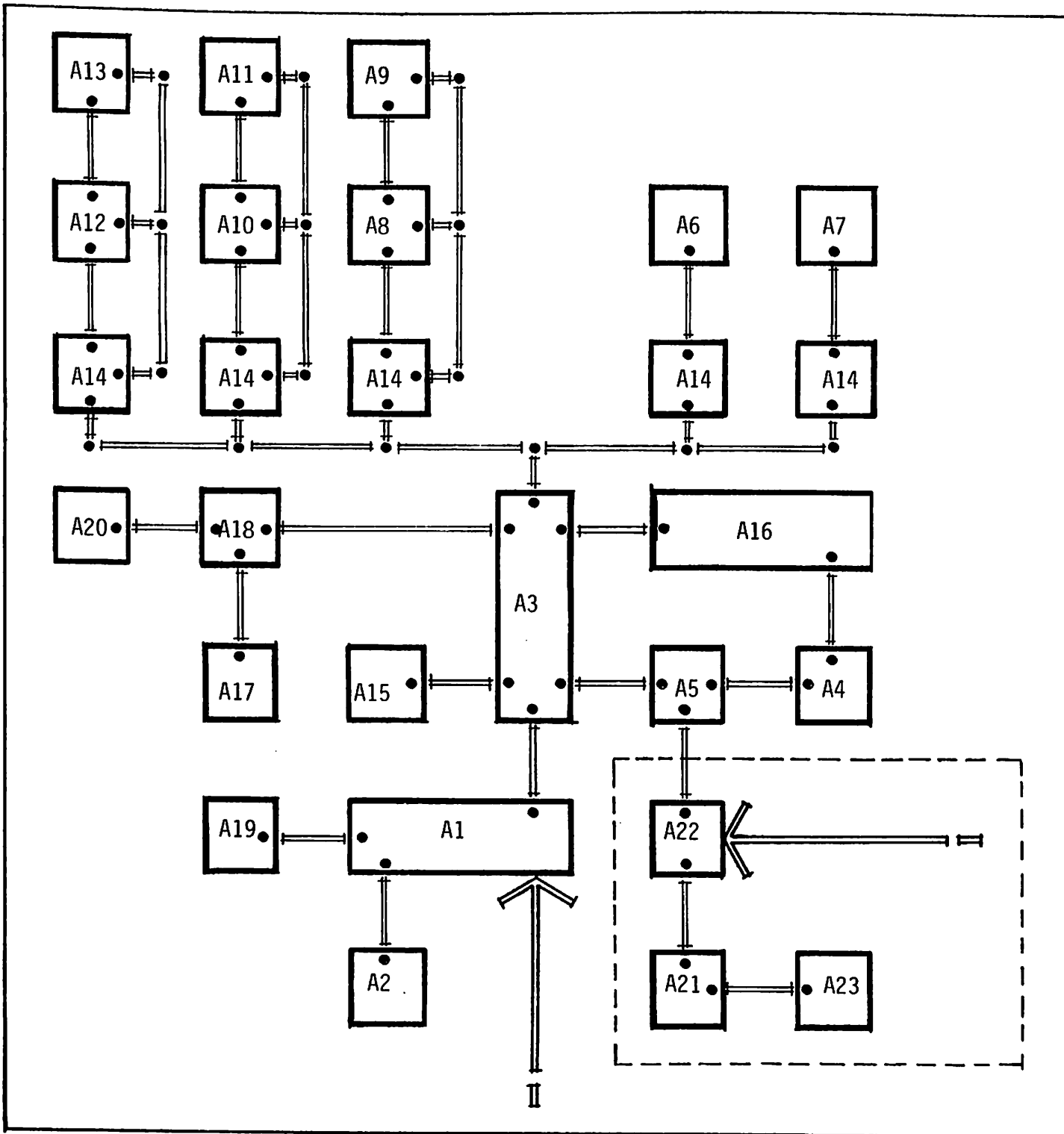
Performance Goals

This zone will be accessible directly from street level and the main entry of the Complex.

All of these will have to remain flexible in order to adapt to changing needs.

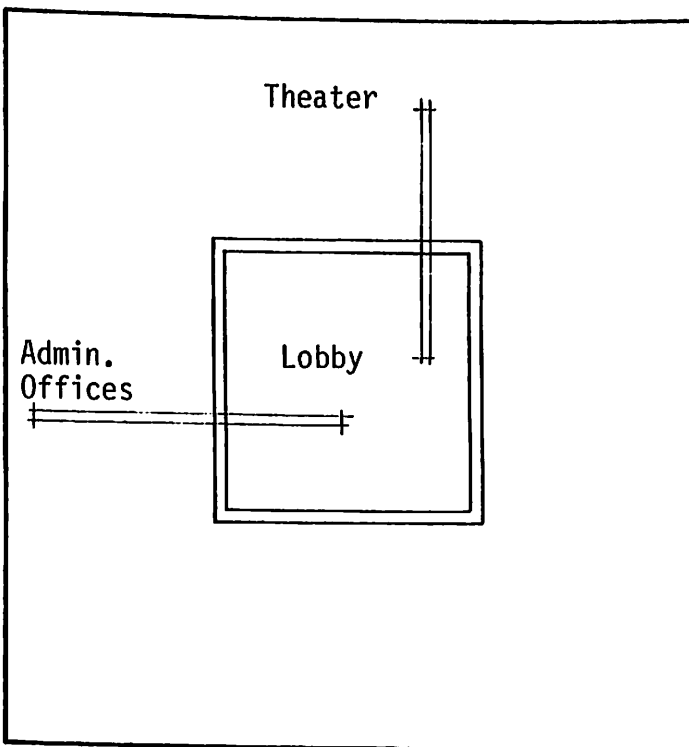
This area is to be separate from the public circulation while maintaining clear circulation within the administrative zone.

Relationship Diagram



- A1 Lobby
- A2 Theater
- A3 Waiting Area
- A4 Executive Director
- A5 Executive Secretary
- A6 Operations Director
- A7 Operations Director
- A8 Director of Accounting
- A9 Accounting Staff
- A10 Director of Purchasing
- A11 Purchasing Staff
- A12 Director of Housing
- A13 Housing Staff
- A14 Private Secretary
- A15 Secretarial Staff
- A16 Conference Room
- A17 Switch Board
- A18 Break Room
- A19 Restrooms
- A20 Staff Restrooms
- A21 Presidential Office
- A22 Presidential Private Secretary
- A23 Secret Service Office

Lobby



Area: 3000 square feet

Height: arbitrary

Finishes

Floor: hard (tile, stone)

Walls: soft - hard - varies

Ceiling: acoustical tile (plaster)

Systems

HVAC: low velocity multizone

Lighting: indirect - daylighting

Plumbing: not required

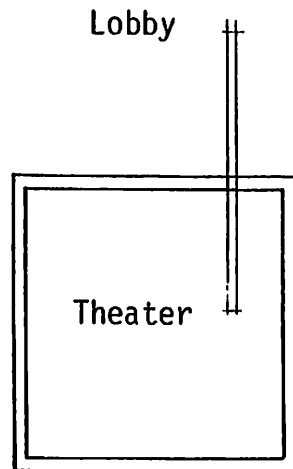
Users: General Public 8000 - 12000
 Researchers 40 - 100

Function: Used as a changing exhibit area and as entry for the Complex as a whole.

Special Considerations:
 Must be highly visible and have direct access from the outside.

Components: None

Theater



Area: 6000 sq. ft.

Height: arbitrary

Finishes

Floor: soft (carpet)

Walls: acoustical

Ceiling: acoustical reflective

Systems

HVAC: low velocity multizone

Lighting: direct (dimmer)

Plumbing: none

Users: Varies 600 max.

Function: Used for Complex staff meetings, press conferences, special lectures.

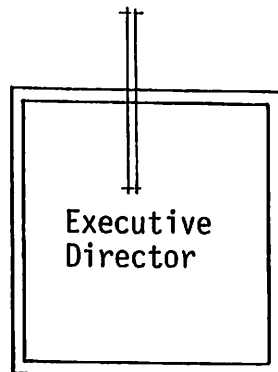
Special Considerations:

30° sight - sound line to stage from any seat.

Components: Television hook up, sound system, projection booth, stage.

Executive Director

Executive Secretary



Executive Director

Area: 500 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, task daylight

Plumbing: none

Users: Complex director 1

Function: Does all planning for the Complex, handles the overall conduct of the Complex's affairs.

Special Considerations:

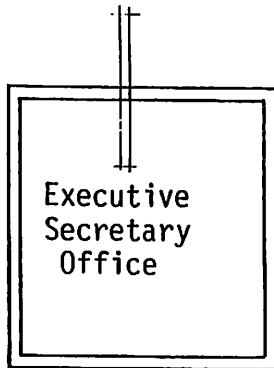
None

Components:

Desk and chair, sofa, conference table and six chairs, cradanza and tables.

Executive Secretary

Executive Director



Executive Secretary Office

Area: 150 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: task, direct, daylight

Plumbing: none

Users: Executive Secretary 1

Function: Serves the secretarial need of the Executive Director and supervises the secretarial staff.

Special Considerations:

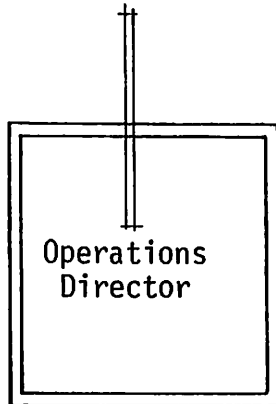
Controls the entry into the Executive Director's office.

Components:

Desk and chair, work space, file space and two chairs.

Operations Director

Secretaries



Area: 350 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, task, daylight

Plumbing: none

Users: Operations Director 1

Function: Aids Executive Director, directly supervises the accounting, purchasing, education and housing directors within the Complex.

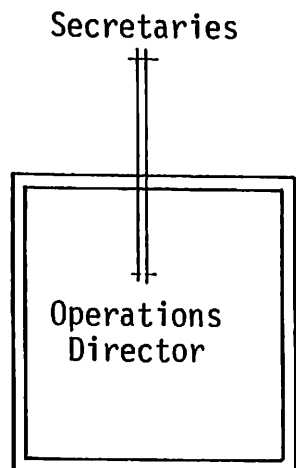
Special Considerations:

None

Components:

Desk and chair, conference table and four chairs, cradanza, sofa.

Operations Director



Area: 350 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, task, daylight

Plumbing: none

Users: Operations Director 1

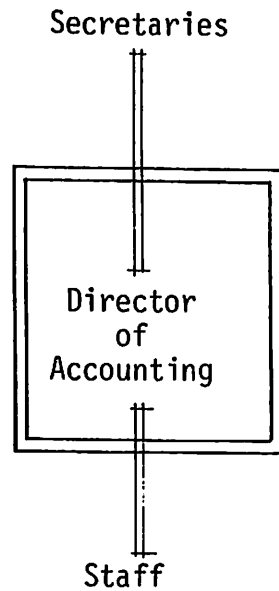
Function: Aids Executive Director, directly supervises the Library and Museum Directors within the Complex.

Special Considerations:

None

Components: Desk and chair, conference table and four chairs, cradanza and sofa.

Accounting Director



Area: 300 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, task, daylight

Plumbing: none

Users: Director of Accounting 1

Function: Supervises the budget for the Complex as a whole, directs the distribution of Complex funds.

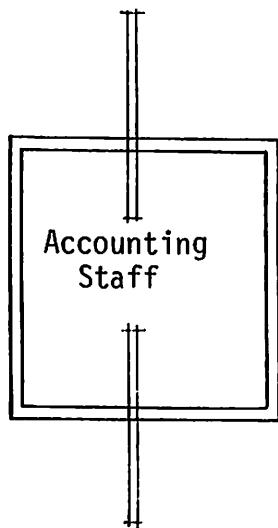
Special Considerations:

None

Components: Desk and chair, credenza and four chairs.

Accounting Staff

Director of Accounting



Secretaries

Area: 600 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: task, direct, daylight

Plumbing: none

Users: Accounting staff 4

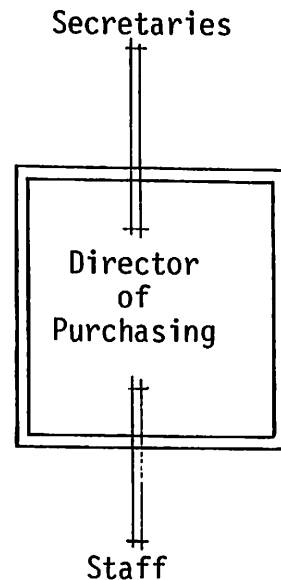
Function: Financial reporting, auditing of accounts, bookkeeping for the Complex.

Special Considerations:

None

Components: Four desks and chairs, work space, file cabinets and computer terminal.

Purchasing Director



Area: 300 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, task, daylight

Plumbing: none

Users: Director of Purchasing 1

Function: Supervises the purchasing of materials and supplies for the Complex.

Special Considerations:

None

Components: Desk and chair, cradanza and four chairs.

Purchasing Staff



Area: 600 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: task, direct, daylight

Plumbing: none

Users: Purchasing Staff 4

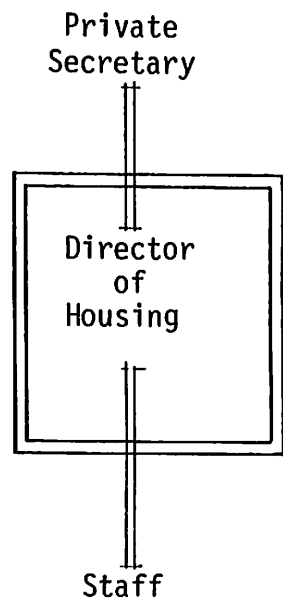
Function: Requisitioning of supplies and materials for the Complex.

Special Considerations:

None

Components: Four desks and chairs, work space, file cabinets and computer terminals.

Housing Director



Area: 300 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, task, daylight

Plumbing: none

Users: Director of Housing 1

Function: Administers housing for the Complex, selects by interview qualified applicants.

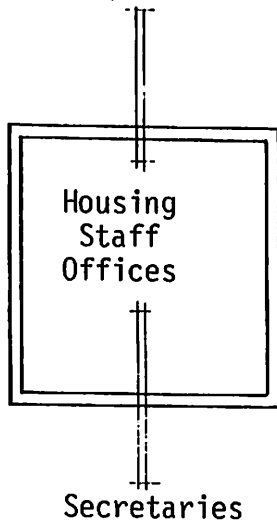
Special Considerations:

None

Components: Desk and chair, cradanza, four chairs and tables.

Housing Staff

Director of Housing



Area: 300 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, task, daylight

Plumbing: none

Users: Housing Staff 2

Function: Administers the day to day operation of the Housing.

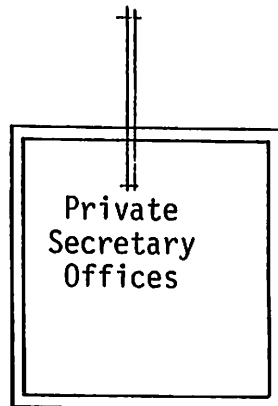
Special Considerations:

None

Components: Two desks and chairs, work space, file cabinets and computer terminal.

Private Secretary

Directors Office



Area: 150 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: task, direct, daylight

Plumbing: none

Users: Private Secretary 5

Function: Serves the secretarial needs for the accounting, purchasing, operations and Housing Directors.

Special Considerations:

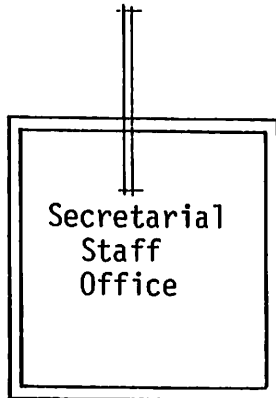
Controls the entry into the various directors offices.

Components:

Desk and chair, work space, file space and two chairs (per office).

Secretarial Staff

Administration



Area: 600 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: task, direct, daylight

Plumbing: none

Users: Secretarial Staff 6

Function: Serve the general secretarial needs of the Complex Administration.

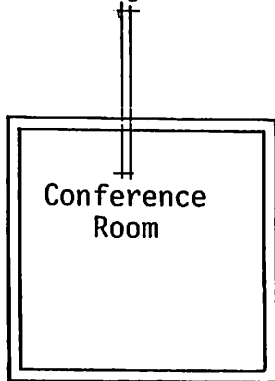
Special Considerations:

None

Components: Six desks and chairs, work space and file space.

Conference

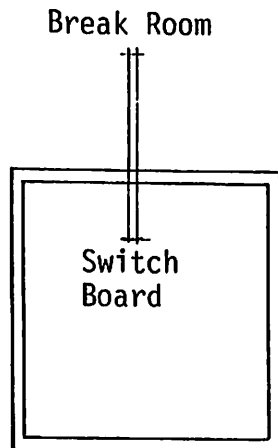
Waiting Area

Conference
Room**Area:** 500 sq. ft.**Height:** 8 ft. min.**Finishes****Floor:** soft (carpet)**Walls:** soft (vinyl finish)**Ceiling:** acoustical**Systems****HVAC:** low velocity, multizone**Lighting:** indirect**Plumbing:** none**Users:** Administrative 15**Function:** Used for staff meetings between the various directors.**Special Considerations:**

None

Components: Table and chairs for fifteen people.

Switch Board



Area: 300 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct

Plumbing: none

Users: Operators 8

Function: Will conduct the incoming and outgoing calls for the Complex.

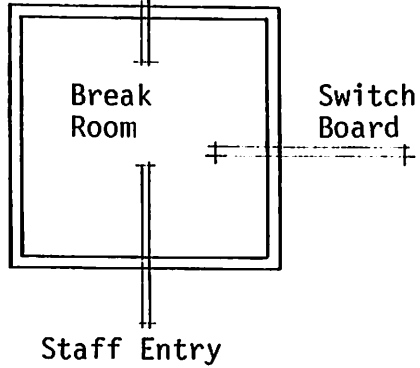
Special Considerations:

None

Components: Switchgear and seating for three.

Break Area

Administrative
Offices



Area: 250 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: hard

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, daylight

Plumbing: sink

Users: Staff 25 max.

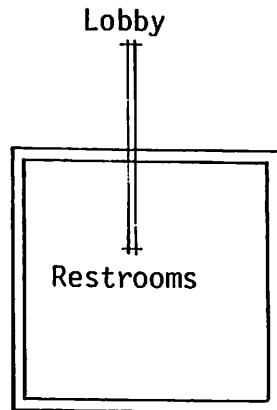
Function: Serves as a break area for Complex Administration.

Special Considerations:

None

Components: Sink, counter, table and chairs for 25 people.

Restrooms



Area: 800 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (tile)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: down lighting

Plumbing: 9 stalls, 9 lavatories
each

Users: Varies

Function: To serve the theater and lobby with toilet facilities.

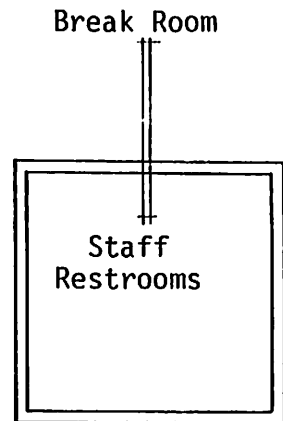
Special Considerations:

Restrooms should have a foyer to restrict visibility into rooms.

Components:

Handicapped equipment for at least two.

Staff Restrooms



Area: 300 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (tile)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: down lighting

Plumbing: 3 stalls, 3 lavatories each

Users: Staff 3 max.

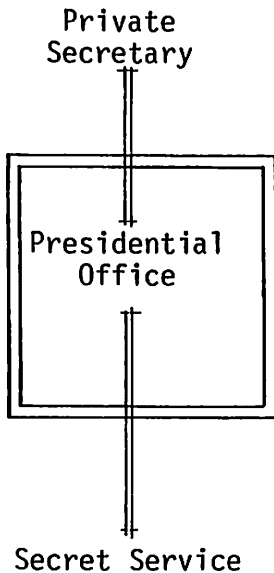
Function: To serve the Administrative offices with toilet facilities.

Special Considerations:

None

Components: Handicapped equipment for at least one.

Presidential Suite



Area: 600 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (carpet)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, task, daylight

Plumbing: private bath

Users: United States Presidents 1 max.

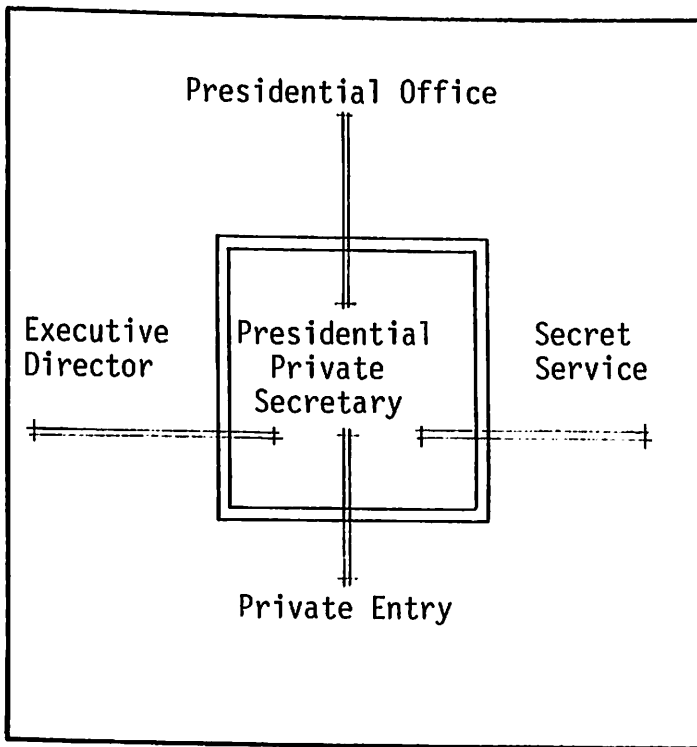
Function: Area where the Presidents and their families can work on private papers.

Special Considerations:

Security must be very strong, no entry into this area from the public functions.

Components: Desk and chair, sofa, chairs, tables, conference table for six and private bath.

Secretary



Area: 200 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, task

Plumbing: none

Users: Private Secretary 1

Function: Serve the secretarial needs of American Presidents.

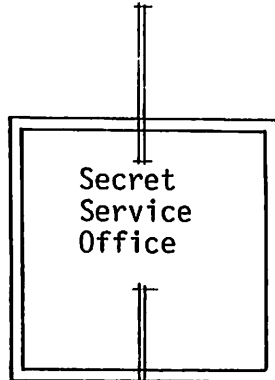
Special Considerations:

One Secret Service person must be in this room at all times.

Components: Desk and chair, two chairs, file space and fire proof vault.

Secret Service

Presidents Office



Secretary

Area: 250 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: hard

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, daylight

Plumbing: private bath

Users: Secret Service 5 min.

Function: Protection of the President.

Special Considerations:

Must have direct access to President's office.

Components: Sofa, table and chairs for five, telephone connection to security headquarters.

MUSEUM



A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.

Introduction

The Museum provides a more personal look at the American Presidency. The holdings of the museums contain many articles such as gifts from other nations, clothing, works of art and furniture from their administrations. The visitors are drawn to the museum because of a general interest in history rather than in particular works of art. The exhibit area should be designed as to permit a loosely controlled pattern of movement by visitors through its rooms. Normally the visitors guide themselves, spending as much time at each display as they choose, but guided tours for special groups are also conducted.

Visitors to the exhibits at the Complex will number between 200,000 and 600,000 a year. Of these, approximately one-third of these will be children coming with their parents or in an organized group. The visitors to the Complex will represent a cross-section of the American population, with a slightly higher percentage of the elderly traveling in tour groups.

Performance Goals

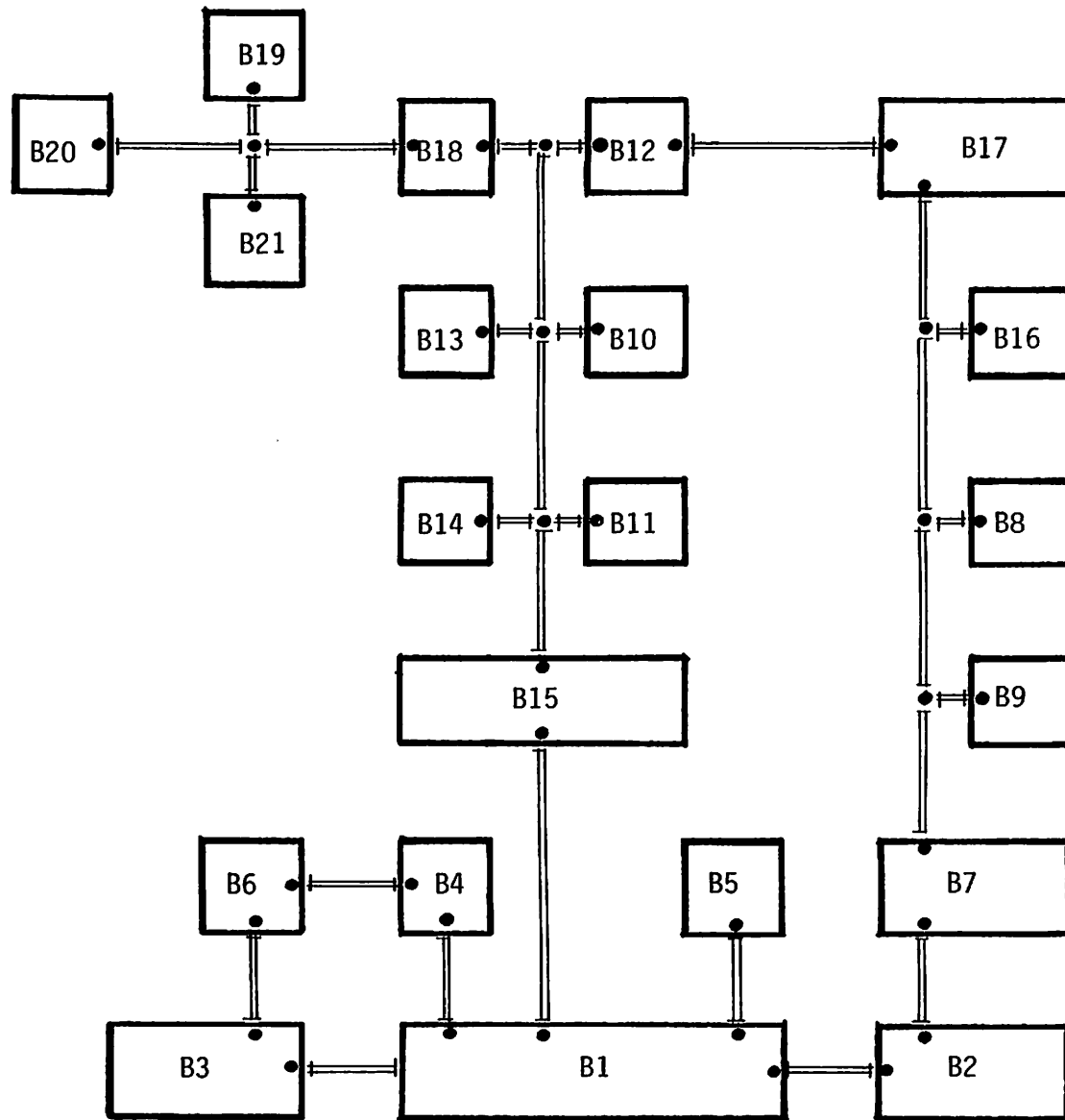
All exhibits should adjoin the lobby regardless of the number of floors or the configuration of exhibit galleries.

The exhibits should consist of large expanses of uninhibited space with few permanent interior walls.

Staff areas should be separate from all public areas of the museum.

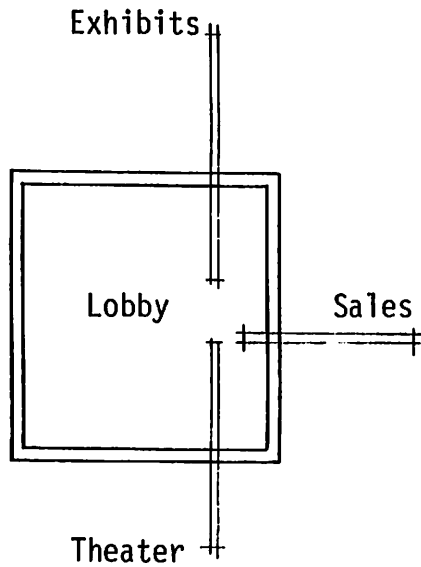
Flow of objects from the receiving room to production shop, museum workroom, clean room and museum storage should be direct and avoid cross traffic of staff if possible.

Relationship Diagram



- B1 Lobby
- B2 Exhibit Area
- B3 Theater
- B4 Sales Shop
- B5 Public Restrooms
- B6 Sales/Theater Storage
- B7 Museum Storage
- B8 Museum Workroom
- B9 Clean Room
- B10 Curator/Director's Office
- B11 Secretary
- B12 Registrar's Office
- B13 Designer's Office
- B14 Historian's Office
- B15 General Office
- B16 Production Shop
- B17 Receiving
- B18 Break Area
- B19 Staff Restrooms
- B20 Maintenance Room
- B21 Security Control

Lobby



Area: 1200 sq. ft.

Height: arbitrary

Finishes

Floor: hard (tile, stone)

Walls: hard - soft (varies)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, daylight

Plumbing: none

Users: General Public 700 per day
Staff 1 to 3 (information)

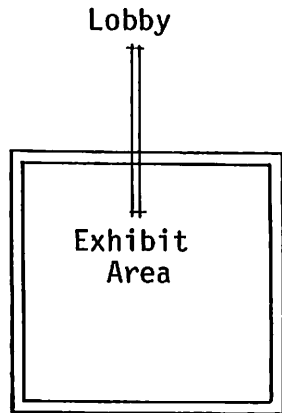
Function: Area used for groups to meet before moving into the theater and exhibit area.

Special Considerations:

None

Components: Built-in seating, information desk

Exhibit Area



Area: 15000 sq. ft.

Height: arbitrary

Finishes

Floor: hard to soft (varies)

Walls: hard to soft (varies)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect

Plumbing: none

Users: General Public 700 per day max.
Staff 6 security guards

Function: Displaying the Presidential memorabilia.

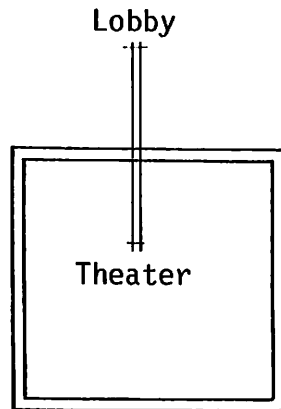
Special Considerations:

Space should be open in plan, security VERY important, television and guards to keep this area under constant visual surveillance.

Components:

Display cases and built in benches.

Theater



Area: 1500 sq. ft.

Height: arbitrary

Finishes

Floor: soft (carpet)

Walls: reflective

Ceiling: reflective

Systems

HVAC: low velocity, multizone

Lighting: direct (dimmer)

Plumbing: none

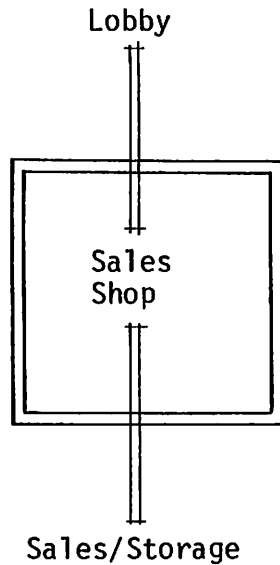
Users: Museum Staff 150 max.
1 projectionist

Function: Used to show a short orientation film several times a day.

Special Considerations:
30° sight and sound lines from seating to screen.

Components: 150 fixed seating, stage and projection booth.

Sales



Area: 450 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct daylight

Plumbing: none

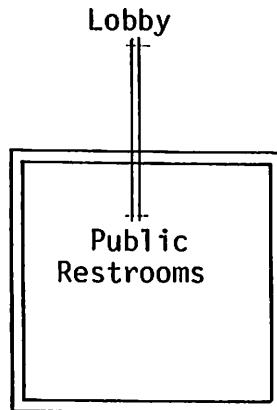
Users: General Public 700 per day max.
Staff 3 to 4

Function: Area for the sale of books, postcards and other souvenirs relating to the Presidency.

Special Considerations:
None

Components: Display counter

Restrooms



Area: 2 @ 400 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (tile)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: down lighting

Plumbing: 4 stalls, 4 lavatories
each

Users: General Public 4

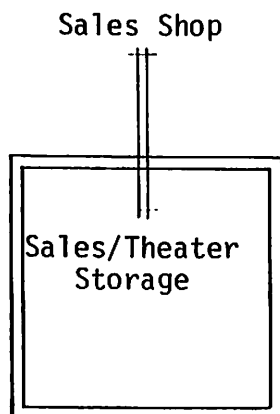
Function: Serves the museum/exhibit areas with toilet facilities.

Special Considerations:

None

Components: Must contain at least one facility for the handicapped.

Storage



Area: 200 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (painted)

Ceiling: not required

Systems

HVAC: low velocity, multizone

Lighting: direct

Plumbing: none

Users: Staff Varies

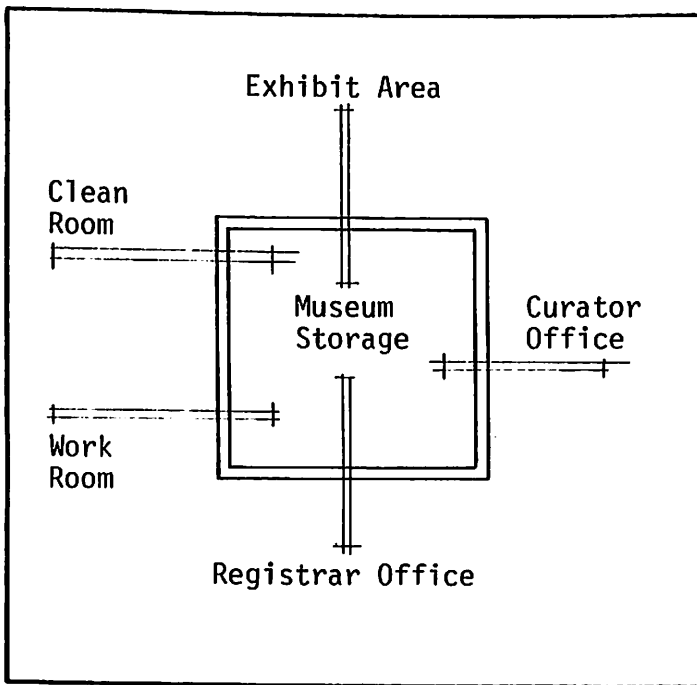
Function: Storage for sales shop items.

Special Considerations:

None

Components: Shelving

Museum Storage



Area: 4000 sq. ft.

Height: 12 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (painted)

Ceiling: not required

Systems

HVAC: low velocity, multizone

Lighting: direct

Plumbing: none

Users: Staff Varies

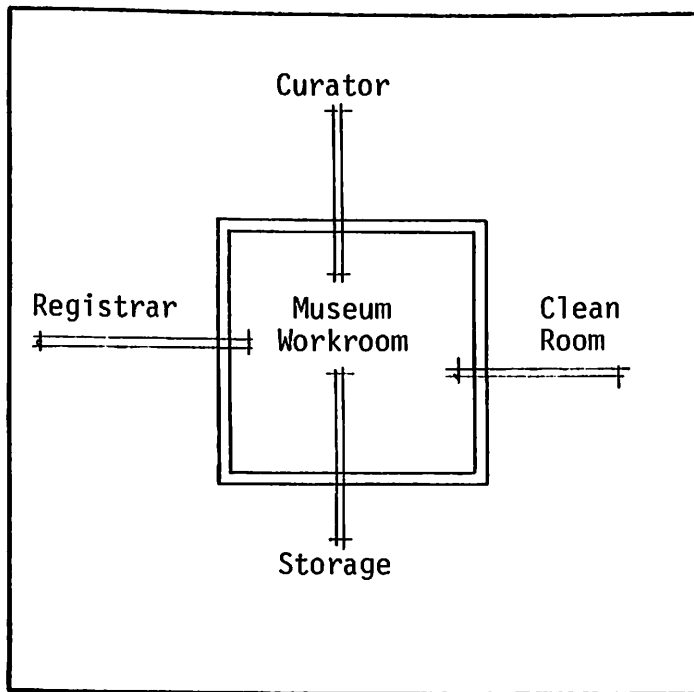
Function: Serves as storage for 90% of Museum holdings.

Special Considerations:

Security in this area must be VERY strong. Visual surveillance by cameras required.

Components: 50% area for shelving and 50% open for large objects.

Workroom



Area: 500 sq. ft.

Height: 12 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (painted)

Ceiling: not required

Systems

HVAC: low velocity, multizone

Lighting: direct

Plumbing: none

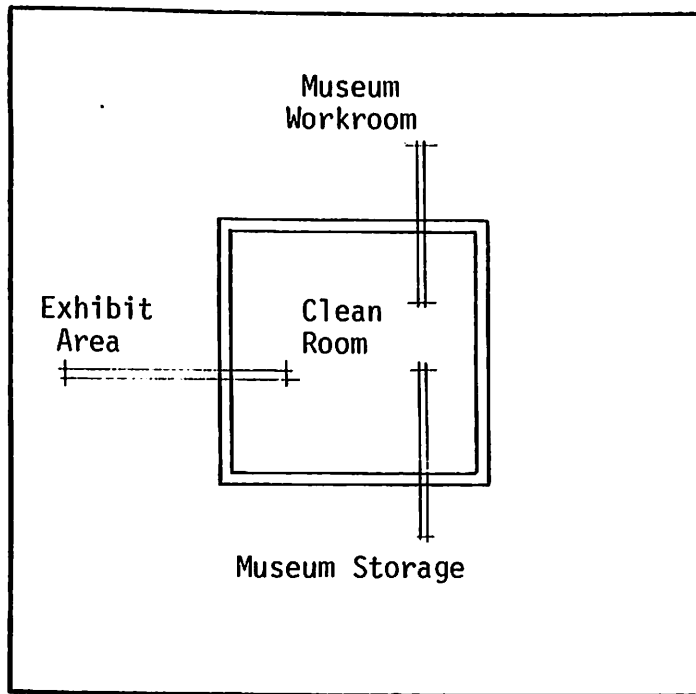
Users: Staff Varies

Function: Provides workspace for framing, cleaning, matting and mounting museum exhibits and the periodic refurbishing of items from the collection.

Special Considerations:
None

Components: Storage cabinets and work area.

Clean Room



Area: 400 sq. ft.

Height: 12 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (painted)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct

Plumbing: sink

Users: Staff Varies

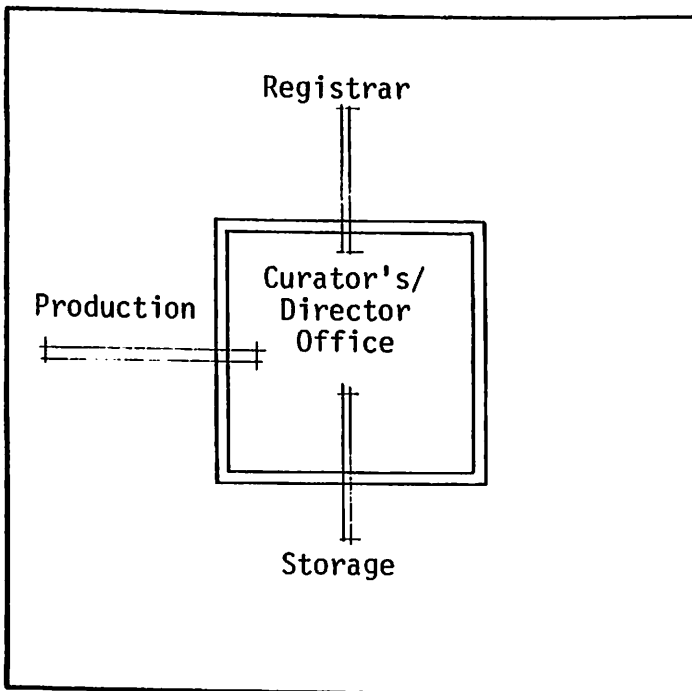
Function: Prepares the final cleaning before entry into the exhibit area.

Special Considerations:

None

Components: Work area, compressor, vent and hood, counter and sink, storage and desk.

Curator



Area: 350 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, task, daylight

Plumbing: none

Users: Curator/Director's Office

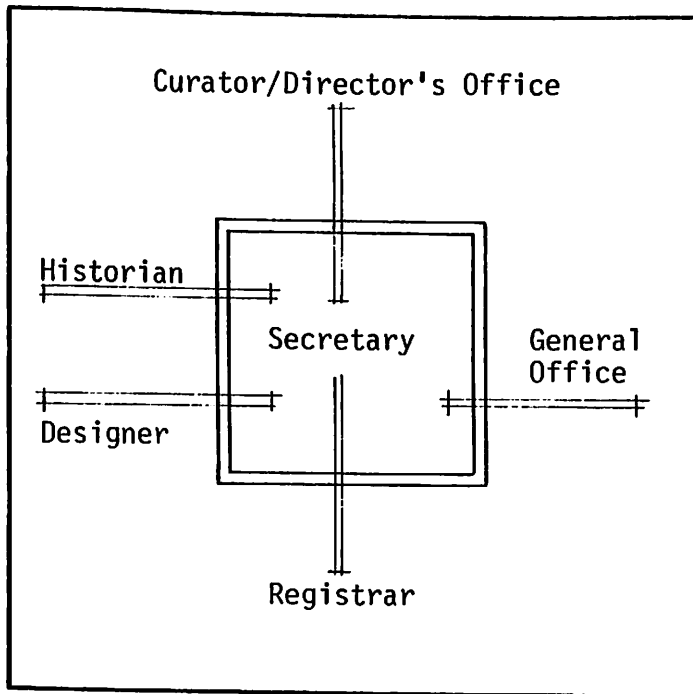
Function: The Curator is responsible for the design, production, installation and maintenance of exhibits.

Special Considerations:

None

Components: Desk and chair, conference table and four chairs, cradanza and sofa.

Secretary



Area: 250 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, daylight

Plumbing: none

Users: Private Secretary 1

Function: Serves the secretarial need of the Curator/Director of the Museum.

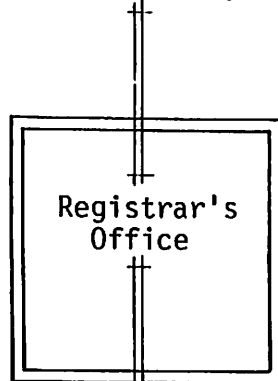
Special Considerations:

Space also serves as a reception area for the Director's office.

Components: Desk and chair, sofa, two chairs, work space and filing area.

Registrar

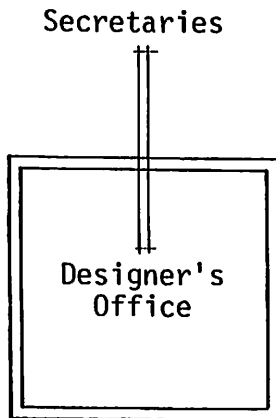
Museum Storage

Registrar's
Office

Secretary

Area: 250 sq. ft.**Height:** 8 ft. min.**Finishes****Floor:** soft (carpet)**Walls:** hard (painted)**Ceiling:** acoustical**Systems****HVAC:** low velocity, multizone**Lighting:** direct, task, daylight**Plumbing:** none**Users:** Staff 2**Function:** The Registrar's office is responsible for the preservation and accountability of graphics, textiles and 3-D objects in the library.**Special Considerations:**
None**Components:** Two desks and chairs, table, four chairs and filing cabinets.

Designer



Area: 150 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, daylight

Plumbing: none

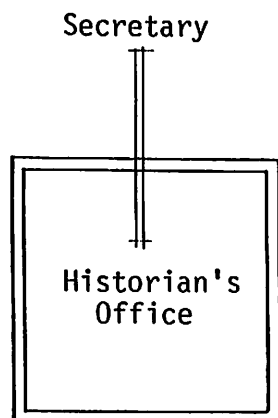
Users: Designer 1

Function: Layout work, model construction and graphics preparation.

Special Considerations:
None

Components: Work table, drafting tables and file.

Historian



Area: 150 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, daylight

Plumbing: none

Users: Historian 1

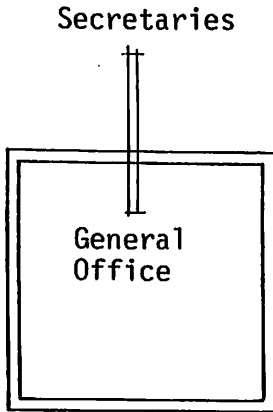
Function: Keeps the written history of the Museum's holdings.

Special Considerations:

None

Components: Desk and chair, bookcases and file space.

General Office



Area: 450 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: hard (painted)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, daylight

Plumbing: none

Users: Staff 3

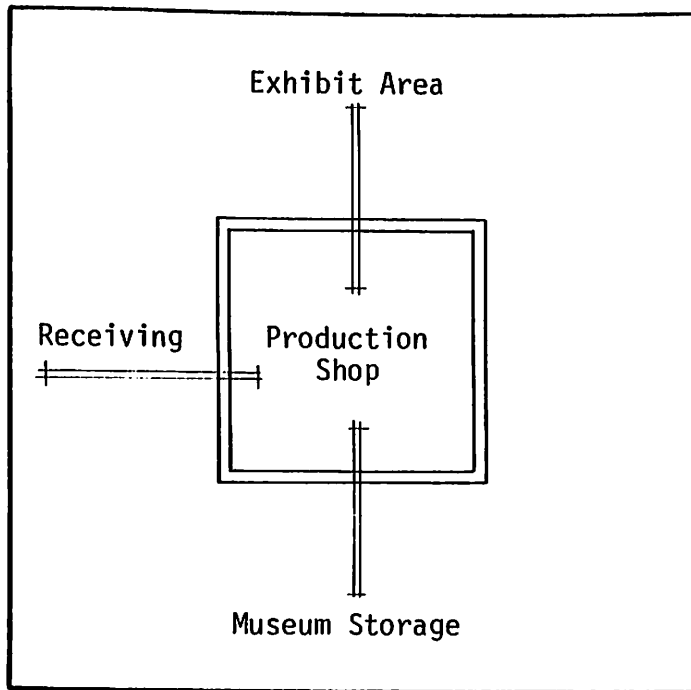
Function: Two museum professionals (lighting and preservation), one clerical.

Special Considerations:

None

Components: Three desks and chairs, worktable, filing areas and storage.

Production



Area: 1000 sq. ft.

Height: 12 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (painted)

Ceiling: not required

Systems

HVAC: low velocity, multizone

Lighting: direct

Plumbing: sink

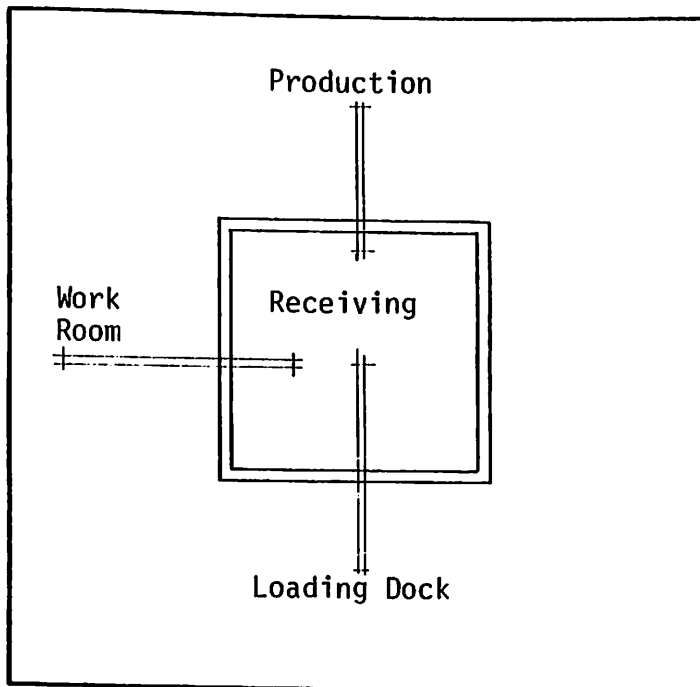
Users: Staff Varies

Function: Used for carpentry, painting, varnishing and glazing for the exhibits.

Special Considerations:
250 sq. ft. for paint hood.

Components: Work space, vent-hood in paint room and storage.

Receiving



Area: 300 sq. ft.

Height: 12 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (painted)

Ceiling: not required

Systems

HVAC: low velocity, multizone

Lighting: direct

Plumbing: none

Users: Staff Varies

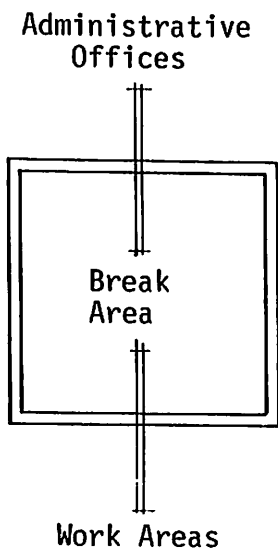
Function: Serves as an arrival point for Museum, for unpacking, inspection and fumigation.

Special Considerations:

Fumigation room - 36 sq. ft.

Components: Storage, work table and vent hood for fumigation room.

Break Area



Area: 250 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: hard (painted)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, daylight

Plumbing: sink

Users: Staff 25 max.

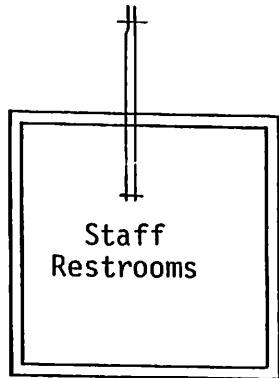
Function: Serves as break area for the staff and guards of the Museum.

Special Considerations:
None

Components: Counter and sink, table and chairs for twenty-five.

Staff Restroom

Break Area



Area: 2 @ 200 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (tile)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: down lighting

Plumbing: 2 stalls, 2 lavatories
each

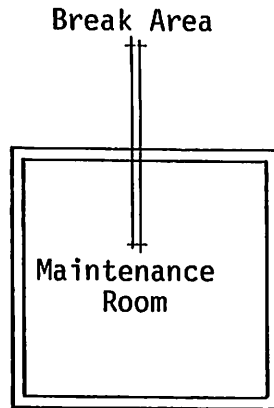
Users: Staff 2 max.

Function: Provides toilet facilities for the museum staff.

Special Considerations:
None

Components: None

Maintenance



Area: 200 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (tile)

Ceiling: acoustical

Systems

HVAC: not required

Lighting: down lighting

Plumbing: slop sink

Users: Staff Varies

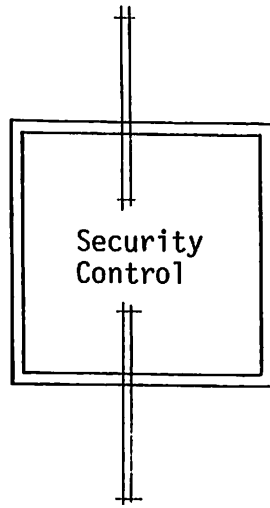
Function: Provides space for the storage of janitorial supplies.

Special Considerations:
None

Components: Steel shelving and slop sink.

Security

Museum Storage

Security
ControlExhibit
Space

Lobby

Area: 200 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: hard (painted)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, task

Plumbing: none

Users: Staff 1 guard

Function: Control area for monitoring devices to provide security and fire protection, also check in point for guards.

Special Considerations:

None

Components: Television monitors, desk and chair, chair and fire detection panel.

LIBRARY



A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.

Introduction

The Presidential Library has in its holding all papers relevant to the public and private life. These documents range from personal diaries to correspondence with world leaders. Photographs, movies and video tapes are also an important part of the holdings.

The users of the library are not casual browsers or the idle curious, but serious researchers and scholars focusing on American Presidents and their administrations. These people usually make advance written application for permission to use the materials, and their application must show that they are engaged in research for which the Presidential has unique holdings.

The average length of stay at the Complex is four to six days, however it is not uncommon to have researchers spend several months, biographers and historians spend upwards of a year. Because the academic profession is attractive to physically handicapped persons, a higher than average percentage of the researchers will be incapacitated in some way, and the facilities must be planned to accommodate such persons.

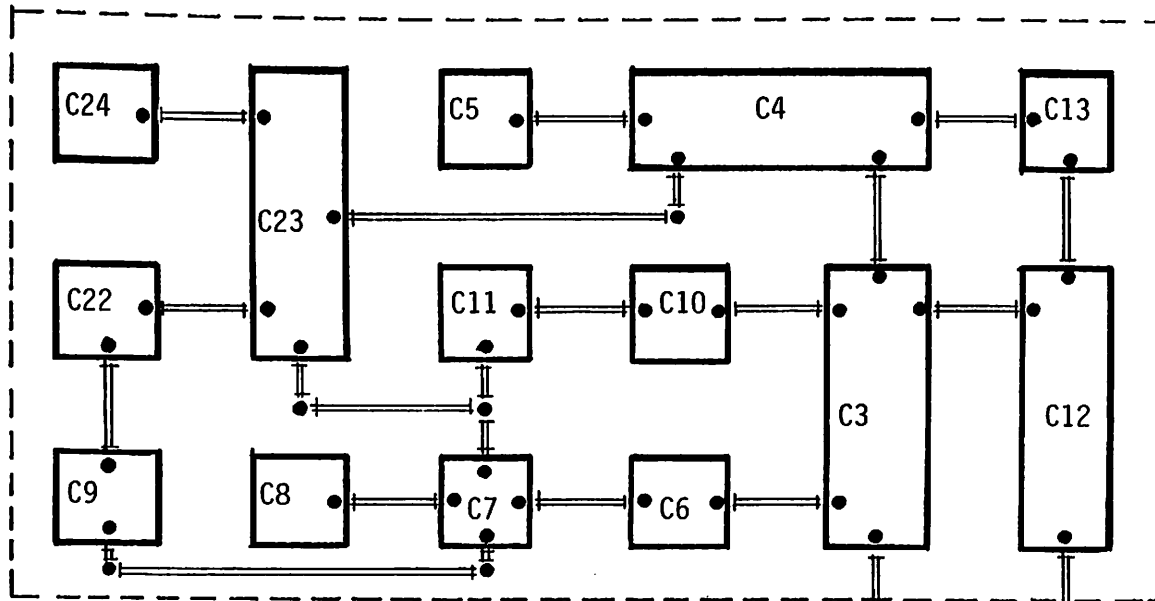
Performance Goals

The archival staff makes several trips to the document storage stacks a day, therefore circulation to the research room from the storage must be clear.

Since the holdings of the Library contain documents concerning national security and valuable items, security must be maximized in the document storage area.

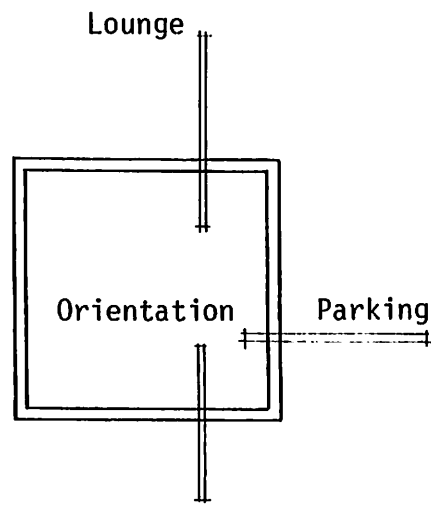
Researchers will NOT be allowed to enter the staff work areas.

Relationship Diagram



- C1 Orientation
- C2 Lounge
- C3 Research Room
- C4 Document Storage
- C5 Vault
- C6 Audio-Visual Room
- C7 Audio-Visual Storage
- C8 Audio-Visual Freezer
- C9 Audio-Visual Lab
- C10 Microform Reading Room
- C11 Book Storage
- C12 Archival Staff
- C13 Document Reproduction
- C14 Director
- C15 Assistant Director
- C16 Administrative Officer
- C17 Secretaries
- C18 Conference
- C19 Office Supply
- C20 Restrooms
- C21 Break Room
- C22 Preservation Lab
- C23 Archival Processing
- C24 Receiving Area
- C25 Security Control
- C26 Maintenance Room

Orientation



Area: 250 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, daylight

Plumbing: none

Users: Staff 2
 Researchers 10 max.

Function: Provides a space to orient the researchers to the library and their holdings.

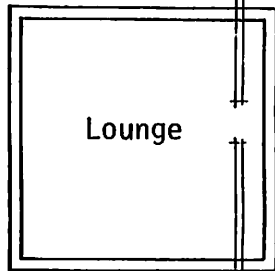
Special Considerations:

None

Components: Sofa, chairs and tables.

Lounge

Research Room



Lounge

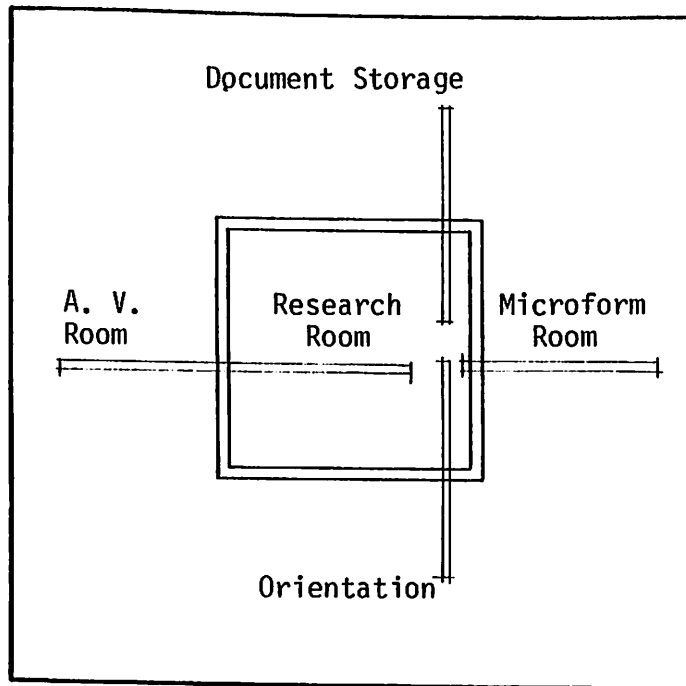
Orientation

Area: 250 sq. ft.**Height:** 8 ft. min.**Finishes****Floor:** soft (carpet)**Walls:** soft (vinyl finish)**Ceiling:** acoustical**Systems****HVAC:** low velocity, multizone**Lighting:** indirect, daylight**Plumbing:** none**Users:** Researchers 10 max.**Function:** Provides an area for the researchers to break from the Research Room.**Special Considerations:**

None

Components: Ten chairs, lockers, magazine rack and pay phone.

Research Room



Area: 1500 sq. ft.

Height: 12 ft. min.

Finishes

Floor: hard (tile)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, task, daylight

Plumbing: none

Users: Staff 2 to 3
 Researchers 30 max.

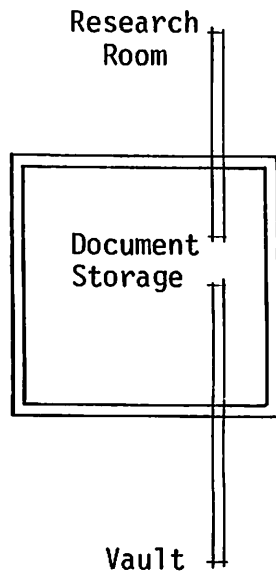
Function: Area in which the researchers review the historical material contained within the library.

Special Considerations:

Security VERY important. Must maintain constant surveillance of this area by television monitors.

Components: Seating and work space for 30, reference desk and book storage.

Document Storage



Area: 14000 sq. ft.

Height: arbitrary

Finishes

Floor: hard (tile)

Walls: hard (painted)

Ceiling: acoustical

Systems

HVAC: note

Lighting: direct NO daylight

Plumbing: none

Users: Staff varies

Function: Storage area for the Presidential documents.

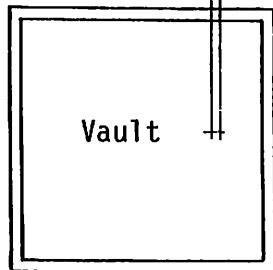
Special Considerations:

Note: low velocity, multizone system MUST contain a back up system, security very important television surveillance required.

Components: Steel shelving.

Vault

Document
Storage



Area: 6000 sq. ft.

Height: 12 ft. min.

Finishes

Floor: concrete/steel plate

Walls: concrete/steel plate

Ceiling: concrete/steel plate

Systems

HVAC: emergency air supply

Lighting: direct

Plumbing: none

Users: Staff 2 (must have top secret security clearance)

Function: Storage for documents restricted for National Security.

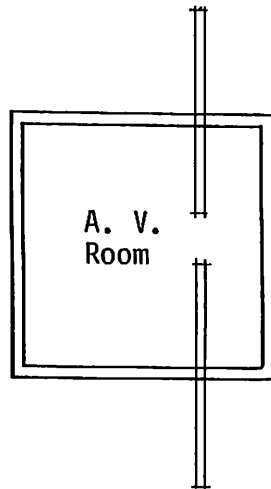
Special Considerations:

Security VERY important, television surveillance required.

Components: Shelving, filing area.

Audio - Visual

Research Room



A. V. Storage

Area: 400 sq. ft.

Height: 12 ft. min.

Finishes

Floor: soft (carpet)

Walls: glass to Research Room

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, task

Plumbing: none

Users: Researchers 4 max.

Function: Space for researchers to view video tapes, films and audio tapes.

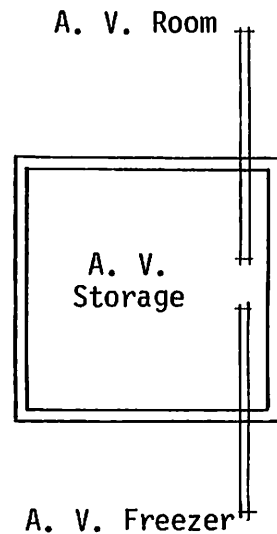
Special Considerations:

Should consist of four separate areas.

Components:

Film and video tape, reviewing machine, table and chairs, sound equipment.

Audio - Visual Storage



Area: 2000 sq. ft.

Height: 12 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (painted)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct NO daylight

Plumbing: none

Users: Staff Varies

Function: Storage spaces for photographs, motion pictures, audio and video tapes.

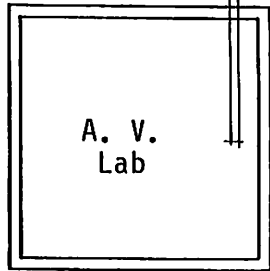
Special Considerations:

None

Components: Steel shelving, filing cabinets and work tables.

Audio - Visual Lab

A. V. Storage



Area: 1500 sq. ft.

Height: 12 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (tile)

Ceiling: not required

Systems

HVAC: low velocity, multizone

Lighting: direct, blue light

Plumbing: sink

Users: Staff 1

Function: Used by - staff photographer to develop photographs and duplicate photos.

Special Considerations:

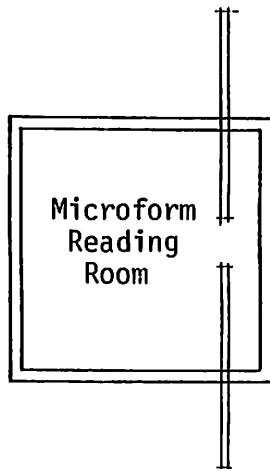
300 sq. ft. used for darkroom.

Components:

Counter and sink, storage, work table, desk and chairs.

Microform Reading Room

A. V. Storage



Reserach Room

Area: 200 sq. ft.

Height: 12 ft. min.

Finishes

Floor: soft (carpet)

Walls: glass to research room

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, task

Plumbing: none

Users: Researchers 5 max.

Function: Provides space for viewing microform.

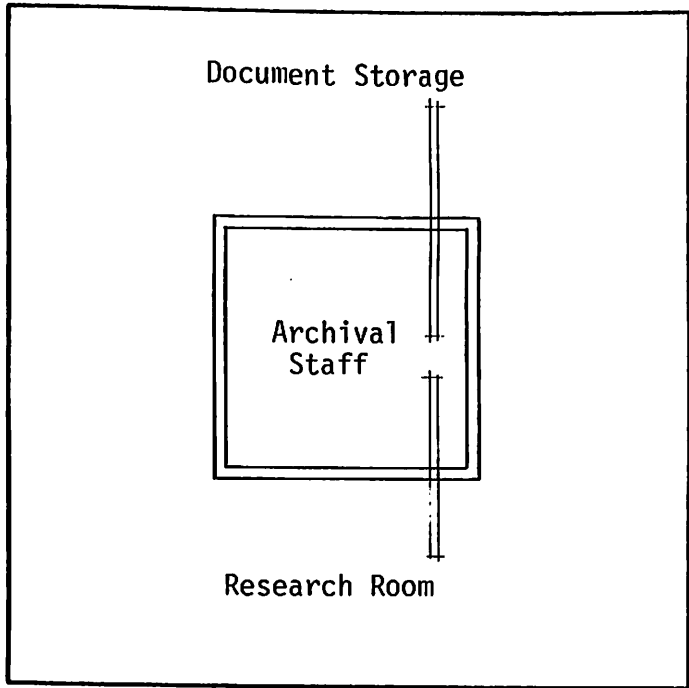
Special Considerations:

None

Components:

Five work tables and chairs.

Archival Staff



Area: 2550 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: hard (painted)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, task

Plumbing: none

Users: Staff
2 Supervisory archivists 1 Librarian
14 Archivists

Function: Processes historical document collections and provides assistance to researchers.

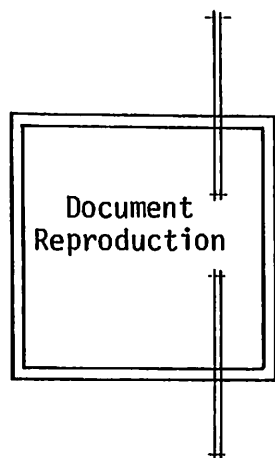
Special Considerations:

None

Components: Desks and chairs, work tables and cradanza.

Document Reproduction

Document Storage



Research Room

Area: 200 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (painted)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, task

Plumbing: none

Users: Staff 1

Function: Area where copies of documents are made for researchers and staff.

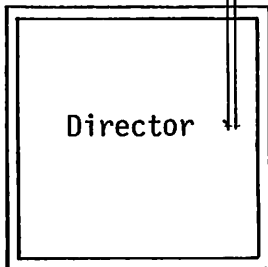
Special Considerations:

None

Components: Two copy machines, storage, work table, desk and chairs.

Director

Secretaries



Director

Area: 300 sq. ft.**Height:** 8 ft. min.**Finishes****Floor:** soft (carpet)**Walls:** soft (vinyl finish)**Ceiling:** acoustical**Systems****HVAC:** low velocity, multizone**Lighting:** indirect, task, daylight**Plumbing:** none**Users:** Library Director 1**Function:** Does all the planning for the library and provides general supervision.**Special Considerations:**

None

Components: Desk and chair, sofa, cradanza, conference tables and chairs for four.

Assistant Director

Secretaries



Director

Area: 225 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, task, daylight

Plumbing: none

Users: Assistant Director 1

Function: Work on a day to day basis with the library staff.

Special Considerations:

None

Components: Desk and chair, sofa, chairs and cradanza.

Administrative Officer

Secretaries



Area: 150 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, daylight

Plumbing: none

Users: Administrative Officer 1

Function: Concerned with the fiscal and personnel administration and maintenance of the Library, in general the libraries business affairs.

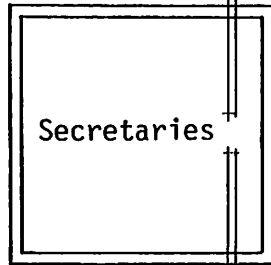
Special Considerations:

None

Components: Desk and chair, file area and two chairs.

Secretaries

Administrative
Offices



Orientation

Area: 250 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, task, daylight

Plumbing: none

Users: Secretaries 2

Function: Serves the secretarial need for the Library Administrator.

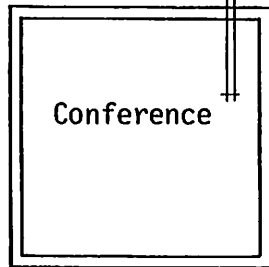
Special Considerations:

None

Components: Two desks and chairs, three chairs, file area and work space.

Conference

Orientation

**Area:** 1000 sq. ft.**Height:** 8 ft. min.**Finishes****Floor:** soft (carpet)**Walls:** soft (vinyl finish)**Ceiling:** acoustical**Systems****HVAC:** low velocity, multizone**Lighting:** indirect, task**Plumbing:** none

Users: Researchers 30 max.
 Staff 30 max.

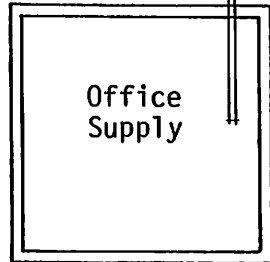
Function: Used for small group meetings, college groups, staff meetings and community groups.

Special Considerations:
 None

Components: Table and chairs for thirty.

Supply

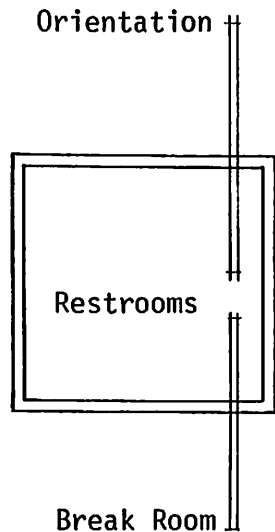
Secretaries

Office
Supply**Area:** 400 sq. ft.**Height:** 8 ft. min.**Finishes****Floor:** hard (tile)**Walls:** hard (painted)**Ceiling:** not required**Systems****HVAC:** not required**Lighting:** direct**Plumbing:** none**Users:** Staff Varies**Function:** Provides space for office supplies and back files.**Special Considerations:**

None

Components: Adjustable steel shelving.

Restrooms



Area: 2 @ 500 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (tile)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: down light

Plumbing: 5 stalls, 5 lavatories

Users: Researchers 5 max.
 Staff 5 max.

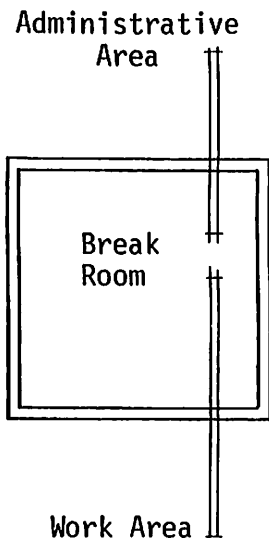
Function: Provides the researchers and staff with toilet facilities.

Special Considerations:

None

Components: At least one unit must be equipped for the handicapped.

Break Area



Area: 600 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, daylight

Plumbing: sink

Users: Staff 30 max.

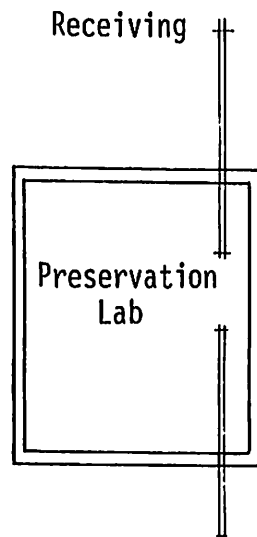
Function: Provides space for staff to have break away from the researcher and work area.

Special Considerations:

None

Components: Sink and counter, seating for thirty.

Preservation Lab



Area: 300 sq. ft.

Height: 12 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (painted)

Ceiling: not required

Systems

HVAC: low velocity, multizone

Lighting: direct

Plumbing: sink

Users: Staff 1

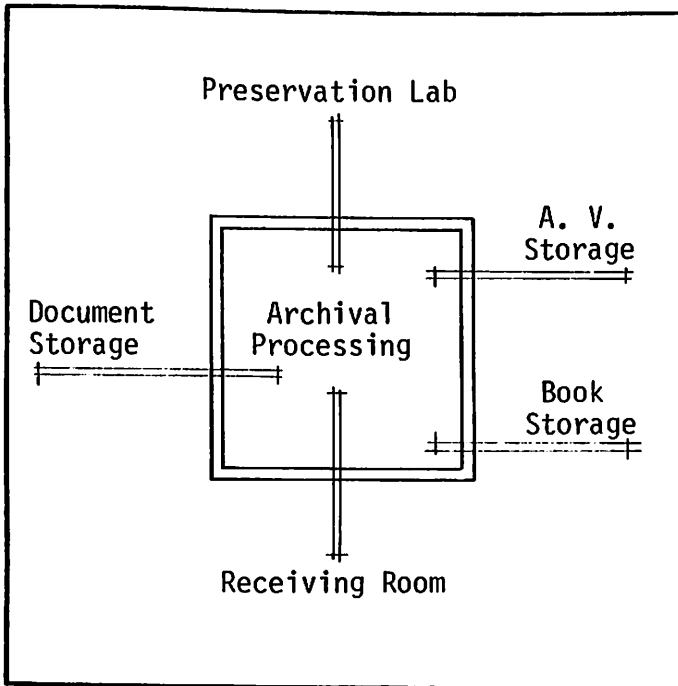
Function: Performs basic preservation actions on the historical documents.

Special Considerations:

None

Components: Counter and sink, work tables and storage.

Archival Processing



Area: 300 sq. ft.

Height: 12 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (painted)

Ceiling: not required

Systems

HVAC: low velocity, multizone

Lighting: direct

Plumbing: none

Users: Staff 2

Function: Area for processing of the archival collection.

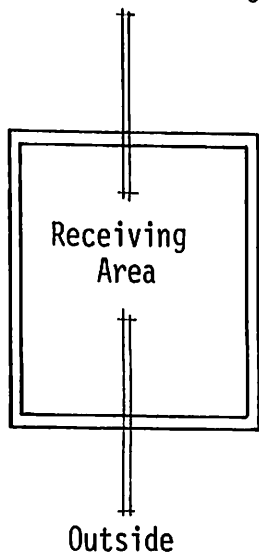
Special Considerations:

None

Components: Work area, table and chair, steel shelving.

Receiving Area

Archival Processing



Area: 500 sq. ft.

Height: 12 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (painted)

Ceiling: not required

Systems

HVAC: low velocity, multizone

Lighting: direct

Plumbing: none

Users: Staff Varies

Function: Receiving of incoming shipments.

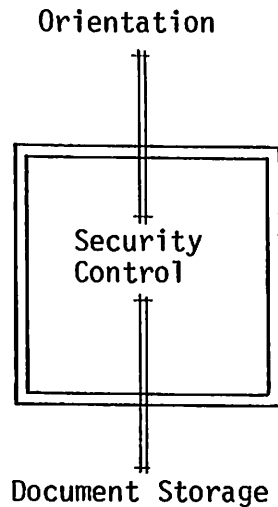
Special Considerations:

36 sq. ft. fumigation area.

Components:

Storage units, work table, vent-hood in fumigation.

Security Control



Area: 200 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: hard (painted)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, task

Plumbing: none

Users: Staff 1 guard

Function: Control area for monitoring devices to provide security and fire protection, also check in point for guards.

Special Considerations:
None

Components: Television monitors, desk and chair, chair and fire detection panel.

EDUCATION



A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.

Introduction

The education department of the Presidential Resource Complex will bring together a variety of people including college students, high school students, researchers, scholars and the general public. In the education facility detailed studies of American Presidents can take place. Concentrated learning periods will further their knowledge and enhance their intellectual growth in an atmosphere of learning created by the Complex.

Users of this functional zone may vary in size from 20 to 200 depending on the type of programs offered. It is hoped that the users of this facility will be comprised mainly of the general public. This public, with a keen interest in American Presidents, will gain in the knowledge provided by the true users of the Complex, the researchers.

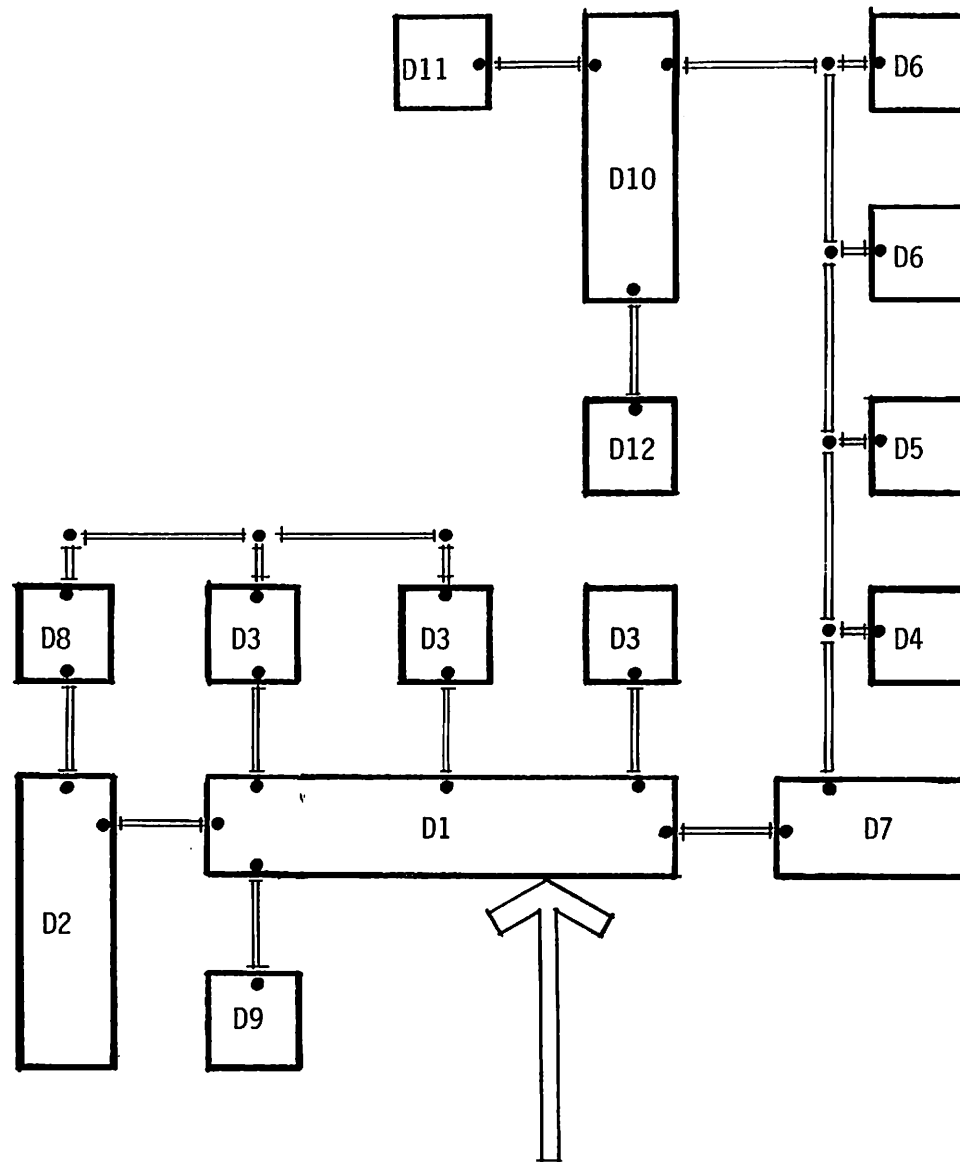
Performance Goals

Organize and arrange the spaces which will conveniently and functionally allow the users to flow through the building in the proper sequence without interrupting other conferences without confusion and with the order and direction intended.

Although physical interaction between conferences and researchers is not desirable, a visual link between these two groups is highly desirable.

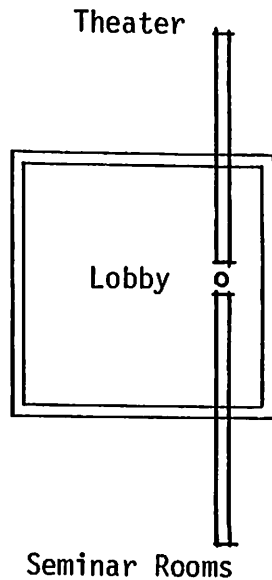
To create an image that enhances the quality of education and the desire to instill immeasurable knowledge to the users.

Education Relationship Diagram



- D1 Lobby
- D2 Theater
- D3 Seminar Rooms
- D4 Director
- D5 Assistant Director
- D6 Coordinator
- D7 Secretaries
- D8 Storage
- D9 Restrooms
- D10 Work Room
- D11 Maintenance Room
- D12 Staff Restrooms

Lobby



Area: 1200 sq. ft.

Height: arbitrary

Finishes

Floor: hard (tile, stone)

Walls: hard - soft (varies)

Ceiling: acoustical tile (plaster)

Systems

HVAC: low velocity, multizone

Lighting: indirect, daylight

Plumbing: not required

Users: General Public 400 - 1200

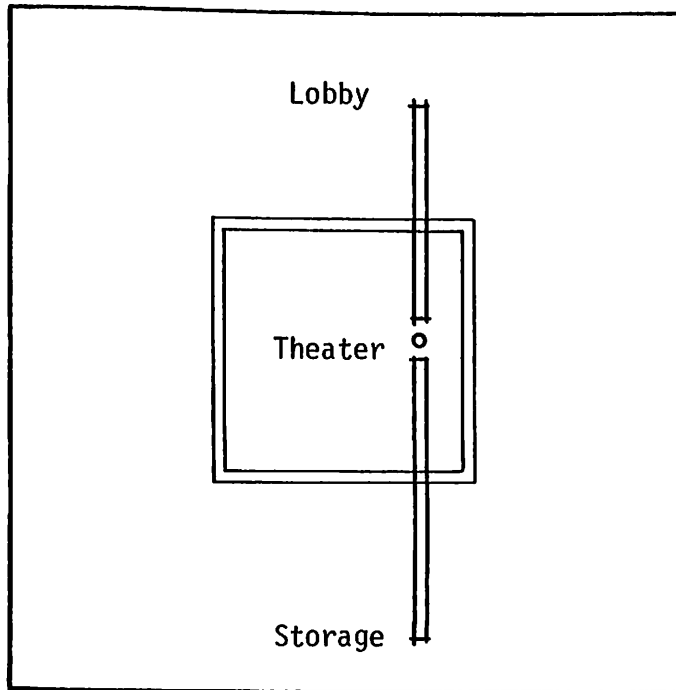
Function: Space for gathering before and after conferences, also space for exhibits on subjects relevant to the education.

Special Considerations:

None

Components: None

Theater



Area: 3000 sq. ft.

Height: arbitrary

Finishes

Floor: soft (carpet)

Walls: acoustical

Ceiling: acoustical - reflective

Systems

HVAC: low velocity, multizone

Lighting: direct (dimmer)

Plumbing: none

Users: General Public 200

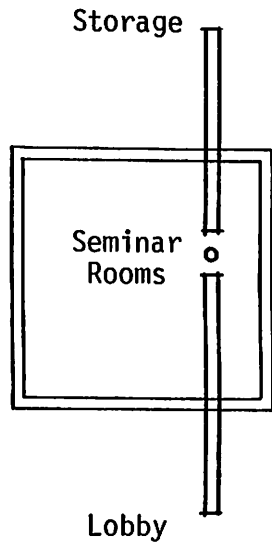
Function: Space for lectures and teleconferencing to take place.

Special Considerations:

30° sight-sound line to stage from any seat.

Components: Teleconferencing hookup, sound system, projection booth and stage seating for 200.

Seminar Rooms



Area: 3 @ 800 sq. ft.

Height: 12 ft. min.

Finishes

Floor: soft (carpet)

Walls: hard (painted)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct (dimmer)

Plumbing: none

Users: General Public 60 per room
Staff Varies

Function: Area for presentation of educational material.

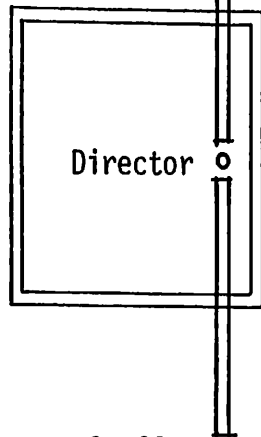
Special Considerations:

None

Components: Table and chairs for 60 per room.

Director

Secretaries



Director

Staff

Area: 300 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, task, daylight

Plumbing: none

Users: Director of Education 1

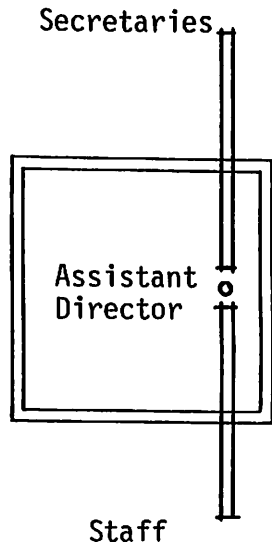
Function: Supervises the overall planning of the continuing Education.

Special Considerations:

None

Components: Desk and chair, cradanza, four chairs and table.

Assistant Director



Area: 200 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: indirect, task, daylight

Plumbing: none

Users: Assistant Director 1

Function: Work on a day to day basis with the staff, works with director on planning.

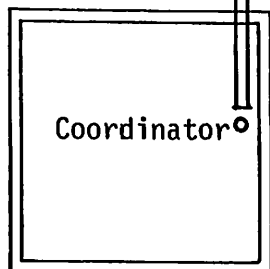
Special Considerations:

None

Components: Desk and chair, credenza and two chairs.

Coordinator

Secretaries



Coordinator

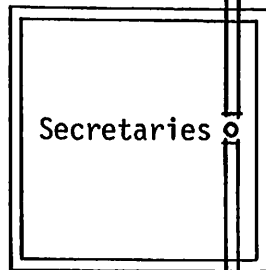
Area: 2 @ 150 sq. ft.**Height:** 8 ft. min.**Finishes****Floor:** soft (carpet)**Walls:** soft (vinyl finish)**Ceiling:** acoustical**Systems****HVAC:** low velocity, multizone**Lighting:** direct, task, daylight**Plumbing:** none**Users:** Coordinator 2**Function:** Plans the programs for continuing education.**Special Considerations:**

None

Components: Two desks and chairs, four chairs, credenza and file area.

Secretaries

Administration



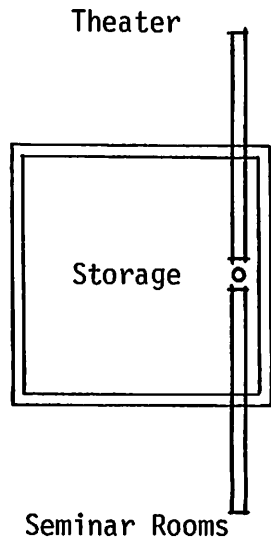
Lobby

Area: 400 sq. ft.**Height:** 8 ft. min.**Finishes****Floor:** soft (carpet)**Walls:** hard (painted)**Ceiling:** acoustical**Systems****HVAC:** low velocity, multizone**Lighting:** direct, task, daylight**Plumbing:** none**Users:** Staff 3**Function:** Serves the secretarial needs for the continuing education staff.**Special Considerations:**

None

Components: Desks and chairs, file area and work space.

Storage



Area: 300 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard

Ceiling: not required

Systems

HVAC: low velocity, multizone

Lighting: direct

Plumbing: none

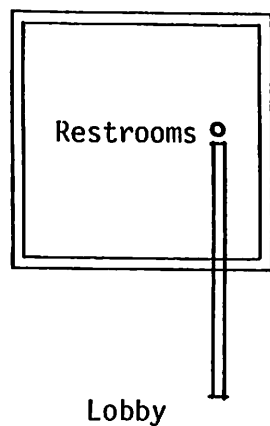
Users: Staff Varies

Function: Serves for storage of projectors, slides, video equipment, projection tables, tables and chairs.

Special Considerations:
None

Components: Steel shelving

Restrooms



Area: 2 @ 500 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (tile)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: down lighting

Plumbing: 5 stalls, 5 lavatories each

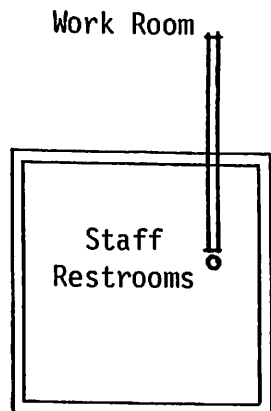
Users: General Public Varies

Function: To serve the educational zone with toilet facilities.

Special Considerations:
None

Components: At least one stall must be equipped for the handicapped.

Staff Restroom



Area: 2 @ 200 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (tile)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: down lighting

Plumbing: 2 stalls, 2 lavatories
each

Users: Staff 2 max.

Function: Provides toilet facilities for the museum staff.

Special Considerations:

None

Components: None

SUPPORT



A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.

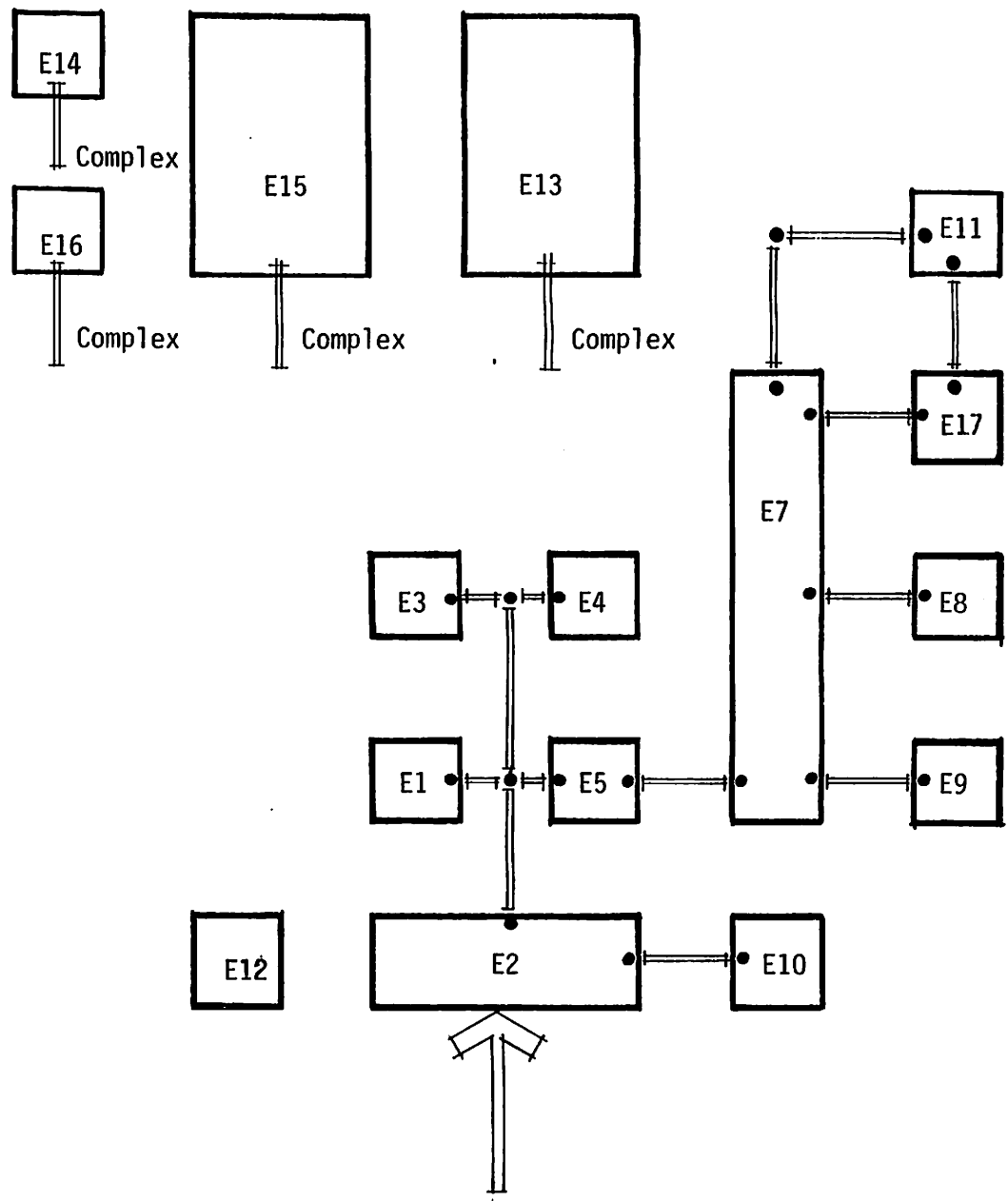
The support facilities are almost totally staff related functions with the exception of the First Aid Office. The support facilities provide a central location for the security force, janitors and gardeners. From this point these people dispense to their specific work areas. Also contained within the support facilities are the Administration Maintenance Staff.

Performance Goals

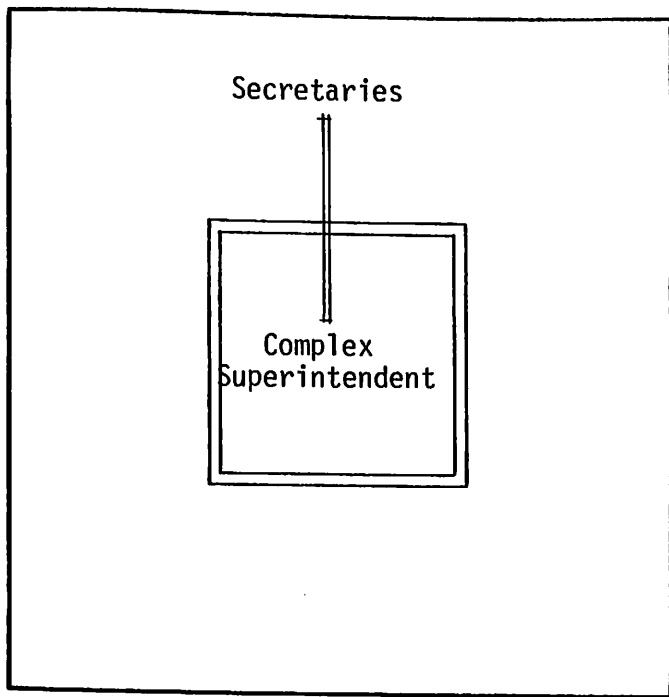
Location for support facility should be located in an area where movement of staff to and from other facilities can be easily defied.

Image of this facility should be 'low key' as compared to other facilities.

Relationship Diagram



- E1 Complex Superintendent
- E2 Secretaries
- E3 Building Manager
- E4 Mechanical Engineer
- E5 Security Director
- E6 Restrooms
- E7 Lounge
- E8 Locker Room
- E9 Restroom
- E10 Staff Restrooms
- E11 Receiving Area
- E12 Security Control
- E13 Mechanical
- E14 Fan Rooms
- E15 Staff Cafeteria
- E16 First Aid
- E17 Storage



Area: 350 sq. ft.
Height: 8 ft. min.
Finishes
Floor: soft (carpet)
Walls: soft (vinyl finish)
Ceiling: acoustical
Systems
HVAC: low velocity, multizone
Lighting: direct, daylight
Plumbing: none

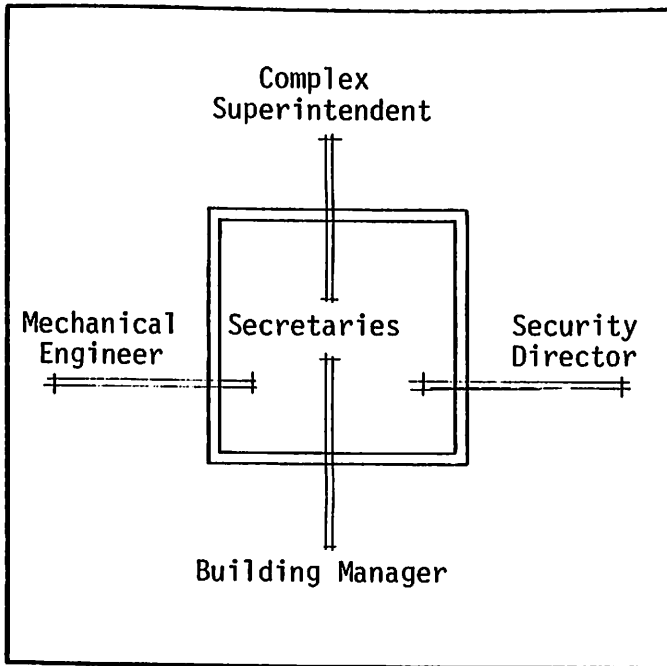
Users: Complex Superintendent 1

Function: Does overall planning for the Complex building or buildings.

Special Considerations:
None

Components: Desk and chair, sofa, chairs, cradanza, table and chairs for six.

Secretaries



Area: 400 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, daylight

Plumbing: none

Users: Secretaries 3

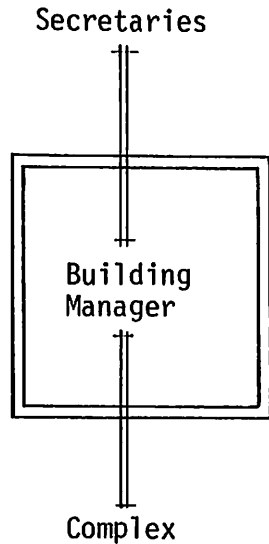
Function: Serves the secretarial needs of the support facilities.

Special Considerations:

Also acts as information area.

Components: Three desks and chairs, sofa, file area and work space.

Building Manager



Area: 300 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft - hard (varies)

Walls: soft - hard (varies)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, daylight

Plumbing: none

Users: Building Manager (undetermined)

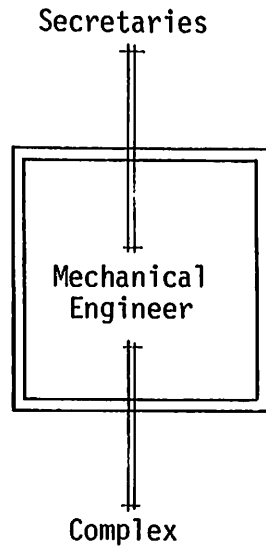
Function: Supervises the physical needs of the Complex building ' includes janitorial staff.

Special Considerations:

There will be approximately one building manager for every two buildings, exact number cannot be determined at this time.

Components: Desk and chair, cradanza, file area and work table.

Mechanical Engineer



Area: 150 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: hard (painted)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, daylight

Plumbing: none

Users: Mechanical Engineer (undetermined)

Function: Supervises the mechanical needs of the Complex building.

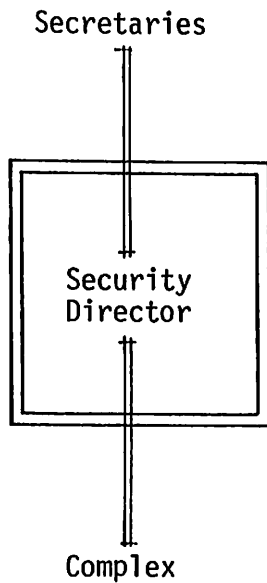
Special Considerations:

There will be approximately one mechanical engineer for every four buildings, exact number cannot be determined at this time.

Components:

Desk and chair, file area and work table.

Security Director



Area: 300 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: soft (vinyl finish)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, daylight

Plumbing: none

Users: Security Director 1

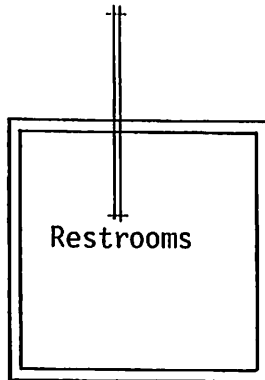
Function: Plans the overall security of the Complex, supervises the security staff.

Special Considerations:
None

Components: Desk and chair, cradanza, sofa, chairs, table and chairs for four.

Restroom

Secretaries



Restrooms

Area: 2 @ 200 sq. ft.**Height:** 8 ft. min.**Finishes****Floor:** hard (tile)**Walls:** hard (tile)**Ceiling:** acoustical**Systems****HVAC:** low velocity, multizone**Lighting:** down lighting**Plumbing:** 2 stalls, 2 lavatories**Users:** Staff Varies**Function:** Serves the Support Administration with toilet facilities.**Special Considerations:**

None

Components: At least one stall must be equipped for the handicapped.

Lounge

Area: 500 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: hard (painted)

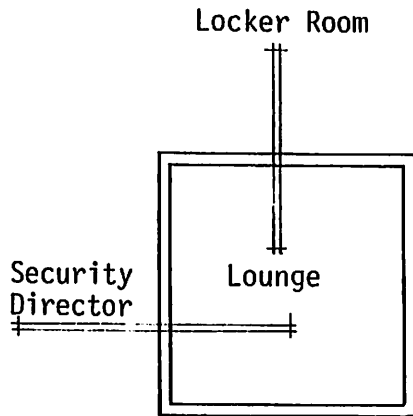
Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, daylight

Plumbing: sink



Users: Staff Varies

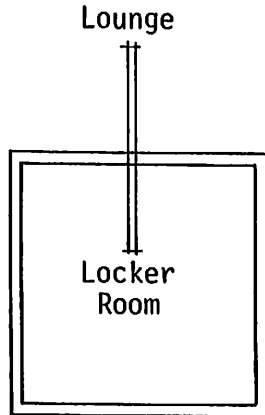
Function: Serves as a break area for guards.

Special Considerations:

None

Components: Sofas, soft chairs, tables and chairs and counter with sink.

Lockers



Area: 1000 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (painted)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct

Plumbing: none

Users: See Next Page

Function: Provides space for changing into uniform.

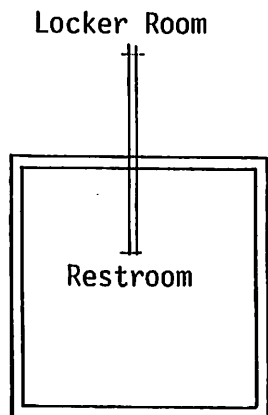
Special Considerations:
None

Components: Steel lockers and seating.

USERS PER ZONE

	Guards	Janitors	Gardeners
Museum	12	4	0
Library	6	3	0
Administration	3	4	0
Education	0	2	0
Support	0	1	0
Complex grounds	0	0	8

Restrooms



Area: 1000 sq. ft. total

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (tile)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: down lighting

Plumbing: varies

Users: Staff Varies

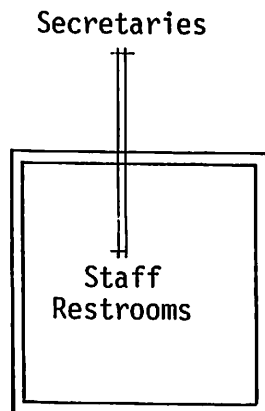
Function: Serves the guards, janitors and gardeners with toilet facilities.

Special Considerations:

None

Components: None

Staff Restroom



Area: 2 @ 200 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (tile)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: down lighting

Plumbing: 2 stalls, 2 lavatories each.

Users: Staff 2 max.

Function: Provides toilet facilities for the museum staff.

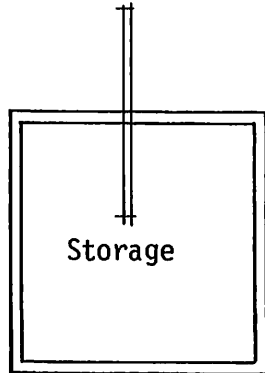
Special Considerations:

None

Components: None

Storage

Locker Room



Area: 500 sq. ft.

Height: 8 ft. min.

Finishes

Floor: hard (tile)

Walls: hard (tile)

Ceiling: not required

Systems

HVAC: not required

Lighting: direct

Plumbing: none

Users: Staff Varies

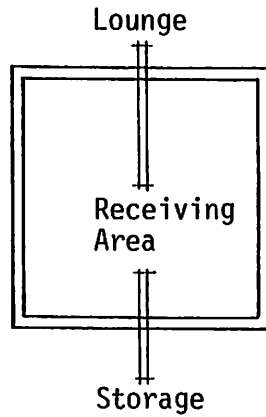
Function: Provides area for the storage of janitorial supplies for the Complex.

Special Considerations:

Loading dock for supplies.

Components: Steel shelving and receiving area.

Receiving



Area: 500 sq. ft.

Height: 12 ft. min.

Finishes

Floor: hard (concrete)

Walls: hard (painted)

Ceiling: not required

Systems

HVAC: low velocity, multizone

Lighting: direct

Plumbing: none

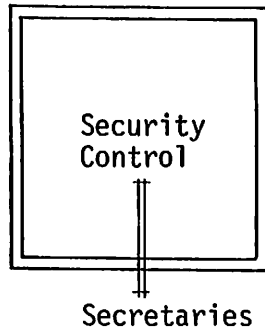
Users: Staff Varies

Function: Receiving of incoming shipments.

Special Considerations:
None

Components:
Storage units, work table

Security



Area: 200 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: hard (painted)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, task

Plumbing: none

Users: Staff

1 guard

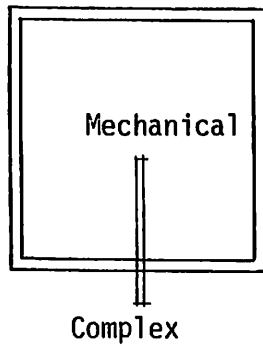
Function: Control area for monitoring devices to provide security and fire protection for complex not covered by other security control centers.

Special Considerations:

None

Components: Television monitors, desk and chair, chair and fire detection panel.

Mechanical



Area: 6000 sq. ft.

Height: 12 ft. min.

Finishes

Floor: hard (concrete)

Walls: hard (painted)

Ceiling: not required

Systems

HVAC: multizone, low velocity

Lighting: direct

Plumbing: none

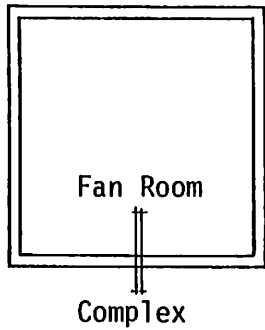
Users: Staff varies

Function: Provides space for the incoming mechanical systems.

Special Considerations:
Location should be away from public areas

Components:

Fan Rooms



Area: 400 sq. ft.

Height: 10 ft. min.

Finishes

Floor: hard (concrete)

Walls: hard (painted)

Ceiling: not required

Systems

HVAC: not required

Lighting: direct

Plumbing: not required

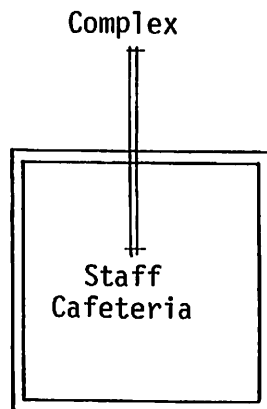
Users: Staff varies

Function: space for the distribution of mechanical systems

Special Considerations:
a min. of 1 fan room per building

Components:

Staff Cafeteria



Area: 4000 sq. ft.

Height: 12 ft. min.

Finishes

Floor: hard - soft (varies)

Walls: hard - soft (varies)

Ceiling: acoustical

Systems

HVAC: vents, hoods (typical)

Lighting: daylight, indirect

Plumbing: required for kitchen

Users: Staff 300 seating capacity,
Staff 2 settings average meal time
15 - 20

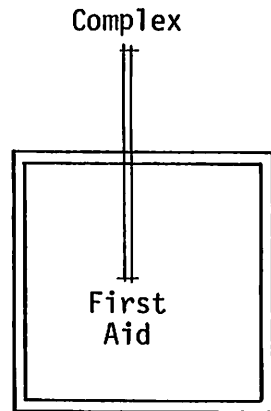
Function: Serves as a meeting point for the staff for meals.

Special Considerations:

Provides natural light, natural acoustics and outside expansion.

Components: Meal and beverage serving counter, dishwasher, dish return, oven, range, cooking vat, steamer and storage area.

First Aid



Area: 250 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: hard (painted)

Ceiling: acoustical

Systems

HVAC: low velocity, multizone

Lighting: direct, task

Plumbing: scrub sink

Users:	Doctor	1
	Receptionist	1
	General Public	Varies
	Staff	Varies

Function: Provide first aid, serves to the general public and staff.

Special Considerations:

None

Components: Waiting area with chairs, receptionist desk, small office with examination table.

HOUSING

A PRESIDENTIAL RESOURCE COMPLEX



WASHINGTON, D.C.

Introduction

Within the Presidential Resource Complex housing will be provided. This housing will give the researchers and scholars a 'home base' while compiling information on American Presidents. The length of stay can vary a great deal. Ranging from four days to several months. With the work these people are doing it is very important to maintain a maximum amount of privacy within the Complex.

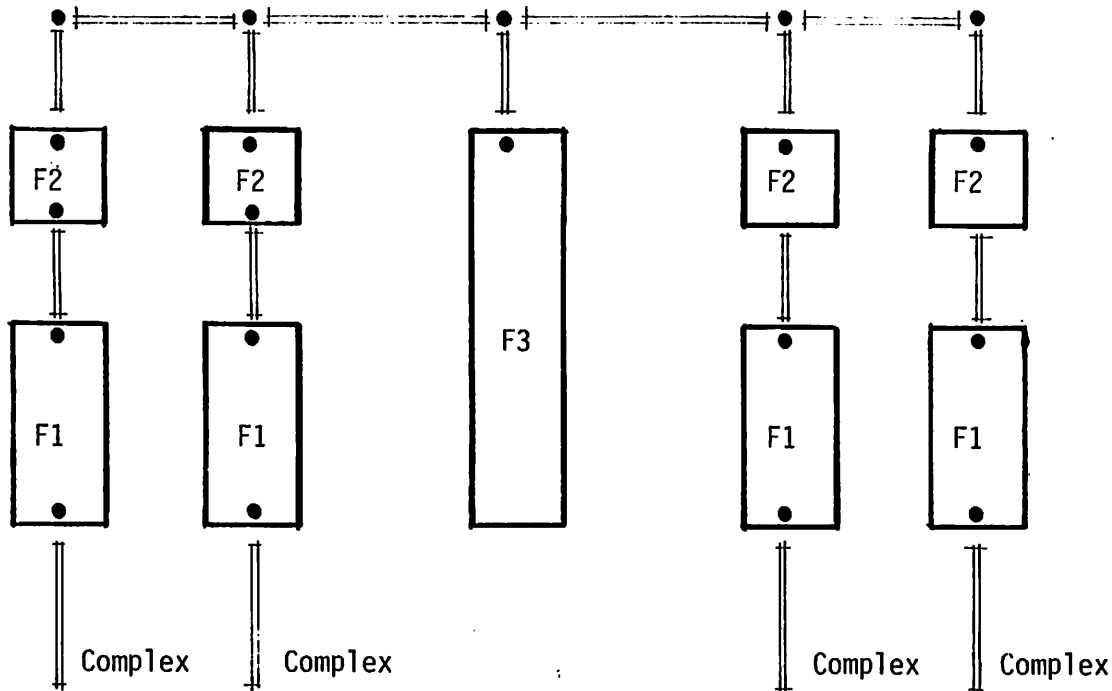
Performance Goals

Create an environment that will put the researchers at 'ease' while staying at the Resource Complex.

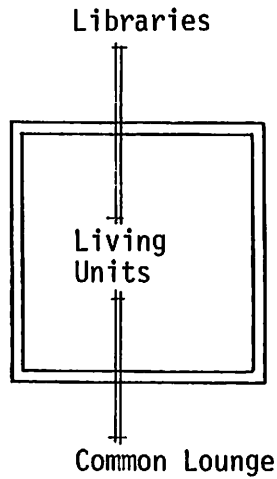
Living units should be located away from the public functions of the Complex. Privacy must be maintained.

Relationship Diagram

F1 Living Units (10)
F2 Lounge (1)
F3 Recreational



Living Units



Area: 40 @ 900 sq. ft

Height: 8 ft. min

Finishes

Floor: Hard - Soft (Varies)

Walls: Hard - Soft (Varies)

Ceiling: Acoustical (Plaster)

Systems

HVAC: Single zone, closed sys.

Lighting: direct, daylight

Plumbing: Kitchen and bath facilities

Users:

Researchers

40 max.

Function:

Provides living space for researchers conducting long term research projects.

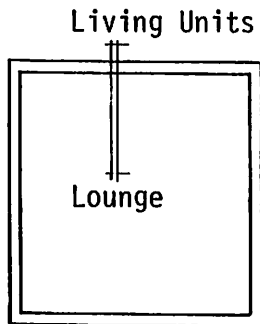
Special Considerations:

Location should be away from the major public function

Components:

Kitchen, eating, seating area, study, bedroom and bath

Lounge



Area: 400 sq. ft.

Height: 8 ft. min.

Finishes

Floor: soft (carpet)

Walls: hard (painted)

Ceiling: acoustical (plaster)

Systems

HVAC: single zone, closed sys.

Lighting: direct, daylight

Plumbing: none

Users:

Researchers

varies

Function:

Provide space for the interaction of researchers within the complex.

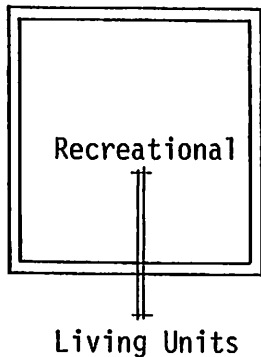
Special Considerations:

relationship of one lounge to 10 living units

Components:

Card tables and chairs, sofa, soft chairs and television

Recreation



Area: 1725 sq. ft.

Height: varies

Finishes

Floor: hard soft (varies)

Walls: hard soft (varies)

Ceiling: acoustical

Systems

HVAC: single zone, colsed sys.

Lighting: direct, daylight

Plumbing: showers

Users: Researchers varies

Function: serves the recreational needs of the researchers

Special Considerations:

Gym - 750 sq. ft. Handball court - 600 sq. ft.
Locker/Showers - 225 sq. ft. Equipment storage - 150 sq. ft.

Components:

suspended apparatus, Court dimensions 20x30x17, Physical fitness machine, treadmill, weights