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

Jim Leyerzaph
Dennis Medina
William Jones
Alan Brunken
Jody Proppe

Librarian-Eisenhower Library
Curator-Eisenhower Library
Director-Ford Library
Thesis Advisor
Director-Architectural
Extension O.S.U.

Special thanks to Dr. John Wichman, director of the Eisenhower Library, for his time and interest in the Presidential Resource Complex and in showing the potential of Presidential Libraries in our society.

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.
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.
### Topographical Views
- Noise
- Pedestrian Flow
- Landmarks
- Traffic Flow
- Photo Survey
- Soils Report

### CLIMATE
- Climate Survey
- Rain and Snow
- Temperature
- Sun Angles

### THE COMPLEX NEEDS
- User Roles
- Complex Relationship Diagram
- Administration Square Footage
- Museum Square Footage
- Library Square Footage
- Education Square Footage
- Support Square Footage
- Housing Square Footage

### ADMINISTRATION
- Introduction
- Performance Goals
- Relationship Diagram
- Space Allocations

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A PRESIDENTIAL RESOURCE COMPLEX  
WASHINGTON, D.C.
<table>
<thead>
<tr>
<th>Section</th>
<th>Introduction</th>
<th>Performance Goals</th>
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<tr>
<td><strong>MUSEUM</strong></td>
<td>91</td>
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<td><strong>LIBRARY</strong></td>
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<td><strong>EDUCATION</strong></td>
<td>144</td>
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<td><strong>SUPPORT</strong></td>
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<td><strong>HOUSING</strong></td>
<td>180</td>
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</table>
This document has been compiled to perform the first step of the design process. This process known as pre-design or programming, lays the groundwork 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.
"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.
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 promanate 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.
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

A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.
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 an impact on the image of the building/buildings.

A clear separation 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.
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.
SEPERATED FLOW:
Regulating and control of visual and physical access to various functional zones is essential.

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 complement 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 expandibility.

FLEXIBILITY:

Design spaces that will facilitate changes in operational capabilities.
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.
A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, 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 framework 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)
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 par. 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 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 be a network of freeways, the potential for developing this physical link is very possible and the link in image is essential.
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 Fisherman's Market. The water edge is full of color and movement making this shoreline an exciting one, both visually and physically.
Along the two mile southwestern shoreline 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.
A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.
Vegetation on the site is relatively 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.
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.
A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.
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.
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 Skyline of the Virginia Coast 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.
A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.
Landmarks

The Jefferson Memorial is the only landmark located within the site. Built in 1936, the memorial of neo-classical design plays a vital link in the termination of the axis from the White House.
Within the site, 2 major interstate highways intersect. This creates a visual block to the mall area. These highways are a major link to the outlining communities surrounding Washington. And are also the bypass around Washington D.C.
1. East Potomac Park from Washington Monument.

2. Jefferson Memorial from the Mall.
3. Washington Monument from entry into East Potomac Park.

4. Bridges from Virginia.
5. Existing Buildings on East Potomac Park.

6. Developments on the Virginia coast line.
7. Shoreline of East Potomac Park towards the Virginia coastline.

8. View to Southwest district of Washington residential.
9. Potomac Park shoreline

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

A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.
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.
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 viewpoints.

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 consists 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

A PRESIDENTIAL RESOURCE COMPLEX
WASHINGTON, D.C.
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>Lobby</td>
<td>3000 sq. ft.</td>
</tr>
<tr>
<td>A2</td>
<td>Theater</td>
<td>6000 sq. ft.</td>
</tr>
<tr>
<td>A3</td>
<td>Waiting Area</td>
<td>400 sq. ft.</td>
</tr>
<tr>
<td>A4</td>
<td>Executive Director</td>
<td>500 sq. ft.</td>
</tr>
<tr>
<td>A5</td>
<td>Executive Secretary Office</td>
<td>150 sq. ft.</td>
</tr>
<tr>
<td>A6</td>
<td>Operations Director</td>
<td>350 sq. ft.</td>
</tr>
<tr>
<td>A7</td>
<td>Operations Director</td>
<td>350 sq. ft.</td>
</tr>
<tr>
<td>A8</td>
<td>Director of Accounting</td>
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</tr>
<tr>
<td>A9</td>
<td>Accounting Staff</td>
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</tr>
<tr>
<td>A10</td>
<td>Director of Purchasing</td>
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</tr>
<tr>
<td>A11</td>
<td>Purchasing Staff Offices</td>
<td>600 sq. ft.</td>
</tr>
<tr>
<td>A12</td>
<td>Director of Housing</td>
<td>300 sq. ft.</td>
</tr>
<tr>
<td>A13</td>
<td>Housing Staff Offices</td>
<td>300 sq. ft.</td>
</tr>
<tr>
<td>A14</td>
<td>Private Secretary Offices</td>
<td>5 @ 150 sq. ft.</td>
</tr>
<tr>
<td>A15</td>
<td>Secretarial Staff Office</td>
<td>600 sq. ft.</td>
</tr>
<tr>
<td>A16</td>
<td>Conference Room</td>
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</tr>
<tr>
<td>A17</td>
<td>Switch Board</td>
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<tr>
<td>A18</td>
<td>Break Room</td>
<td>250 sq. ft.</td>
</tr>
<tr>
<td>A19</td>
<td>Restrooms</td>
<td>800 sq. ft.</td>
</tr>
<tr>
<td>A20</td>
<td>Staff Restrooms</td>
<td>300 sq. ft.</td>
</tr>
<tr>
<td>A21</td>
<td>Presidential Office</td>
<td>600 sq. ft.</td>
</tr>
<tr>
<td>A22</td>
<td>Presidential Private Secretary</td>
<td>200 sq. ft.</td>
</tr>
<tr>
<td>A23</td>
<td>Secret Service Office</td>
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<td>TOTAL</td>
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<td>17700 sq. ft.</td>
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<tr>
<td>Location</td>
<td>Description</td>
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<tr>
<td>B1</td>
<td>Lobby</td>
<td>1200 sq. ft.</td>
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<tr>
<td>B2</td>
<td>Exhibit Area</td>
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</tr>
<tr>
<td>B3</td>
<td>Theater</td>
<td>1500 sq. ft.</td>
</tr>
<tr>
<td>B4</td>
<td>Sales Shop</td>
<td>450 sq. ft.</td>
</tr>
<tr>
<td>B5</td>
<td>Public Restrooms</td>
<td>2 @ 400 sq. ft.</td>
</tr>
<tr>
<td>B6</td>
<td>Sales/Theater Storage</td>
<td>200 sq. ft.</td>
</tr>
<tr>
<td>B7</td>
<td>Museum Storage</td>
<td>4000 sq. ft.</td>
</tr>
<tr>
<td>B8</td>
<td>Museum Workroom</td>
<td>500 sq. ft.</td>
</tr>
<tr>
<td>B9</td>
<td>Clean Room</td>
<td>400 sq. ft.</td>
</tr>
<tr>
<td>B10</td>
<td>Curator/Director's Office</td>
<td>350 sq. ft.</td>
</tr>
<tr>
<td>B11</td>
<td>Secretary</td>
<td>250 sq. ft.</td>
</tr>
<tr>
<td>B12</td>
<td>Registrar's Office</td>
<td>250 sq. ft.</td>
</tr>
<tr>
<td>B13</td>
<td>Designer's Office</td>
<td>150 sq. ft.</td>
</tr>
<tr>
<td>B14</td>
<td>Historian's Office</td>
<td>150 sq. ft.</td>
</tr>
<tr>
<td>B15</td>
<td>General Office</td>
<td>450 sq. ft.</td>
</tr>
<tr>
<td>B16</td>
<td>Production Shop</td>
<td>1000 sq. ft.</td>
</tr>
<tr>
<td>B17</td>
<td>Receiving</td>
<td>300 sq. ft.</td>
</tr>
<tr>
<td>B18</td>
<td>Break Area</td>
<td>250 sq. ft.</td>
</tr>
<tr>
<td>B19</td>
<td>Staff Restrooms</td>
<td>2 @ 200 sq. ft.</td>
</tr>
<tr>
<td>B20</td>
<td>Maintenance Room</td>
<td>200 sq. ft.</td>
</tr>
<tr>
<td>B21</td>
<td>Security Control</td>
<td>200 sq. ft.</td>
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**TOTAL** 28000 sq. ft.
<table>
<thead>
<tr>
<th>Room</th>
<th>Description</th>
<th>Square Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1</td>
<td>Orientation</td>
<td>250 sq. ft.</td>
</tr>
<tr>
<td>C2</td>
<td>Lounge</td>
<td>250 sq. ft.</td>
</tr>
<tr>
<td>C3</td>
<td>Research Room</td>
<td>1500 sq. ft.</td>
</tr>
<tr>
<td>C4</td>
<td>Document Storage</td>
<td>14000 sq. ft.</td>
</tr>
<tr>
<td>C5</td>
<td>Vault</td>
<td>6000 sq. ft.</td>
</tr>
<tr>
<td>C6</td>
<td>Audio-Visual Room</td>
<td>400 sq. ft.</td>
</tr>
<tr>
<td>C7</td>
<td>Audio-Visual Storage</td>
<td>2000 sq. ft.</td>
</tr>
<tr>
<td>C8</td>
<td>Audio-Visual Freezer</td>
<td>750 sq. ft.</td>
</tr>
<tr>
<td>C9</td>
<td>Audio-Visual Lab</td>
<td>1500 sq. ft.</td>
</tr>
<tr>
<td>C10</td>
<td>Microform Reading Room</td>
<td>200 sq. ft.</td>
</tr>
<tr>
<td>C11</td>
<td>Book Storage</td>
<td>2500 sq. ft.</td>
</tr>
<tr>
<td>C12</td>
<td>Archival Staff</td>
<td>2550 sq. ft.</td>
</tr>
<tr>
<td>C14</td>
<td>Director</td>
<td>300 sq. ft.</td>
</tr>
<tr>
<td>C15</td>
<td>Assistant Director</td>
<td>225 sq. ft.</td>
</tr>
<tr>
<td>C16</td>
<td>Administrative Officer</td>
<td>150 sq. ft.</td>
</tr>
<tr>
<td>C17</td>
<td>Secretaries</td>
<td>250 sq. ft.</td>
</tr>
<tr>
<td>C18</td>
<td>Conference</td>
<td>1000 sq. ft.</td>
</tr>
<tr>
<td>C19</td>
<td>Office Supply</td>
<td>400 sq. ft.</td>
</tr>
<tr>
<td>C20</td>
<td>Restrooms</td>
<td>2 @ 500 sq. ft.</td>
</tr>
<tr>
<td>C21</td>
<td>Break Room</td>
<td>600 sq. ft.</td>
</tr>
<tr>
<td>C22</td>
<td>Preservation Lab</td>
<td>300 sq. ft.</td>
</tr>
<tr>
<td>C23</td>
<td>Archival Processing</td>
<td>300 sq. ft.</td>
</tr>
<tr>
<td>C24</td>
<td>Receiving Area</td>
<td>500 sq. ft.</td>
</tr>
<tr>
<td>C25</td>
<td>Security Control</td>
<td>200 sq. ft.</td>
</tr>
<tr>
<td>C26</td>
<td>Maintenance Room</td>
<td>200 sq. ft.</td>
</tr>
</tbody>
</table>

**TOTAL** | **37525 sq. ft.**

A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Square Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1</td>
<td>Lobby</td>
<td>1200 sq. ft.</td>
</tr>
<tr>
<td>D2</td>
<td>Theater</td>
<td>3000 sq. ft.</td>
</tr>
<tr>
<td>D3</td>
<td>Seminar Rooms</td>
<td>3 @ 800 sq. ft.</td>
</tr>
<tr>
<td>D4</td>
<td>Director</td>
<td>300 sq. ft.</td>
</tr>
<tr>
<td>D5</td>
<td>Assistant Director</td>
<td>200 sq. ft.</td>
</tr>
<tr>
<td>D6</td>
<td>Coordinator</td>
<td>2 @ 150 sq. ft.</td>
</tr>
<tr>
<td>D7</td>
<td>Secretaries</td>
<td>400 sq. ft.</td>
</tr>
<tr>
<td>D8</td>
<td>Storage</td>
<td>300 sq. ft.</td>
</tr>
<tr>
<td>D9</td>
<td>Restrooms</td>
<td>2 @ 500 sq. ft.</td>
</tr>
<tr>
<td>D10</td>
<td>Work Room</td>
<td>500 sq. ft.</td>
</tr>
<tr>
<td>D11</td>
<td>Maintenance Room</td>
<td>200 sq. ft.</td>
</tr>
<tr>
<td>D12</td>
<td>Staff Restrooms</td>
<td>2 @ 200 sq. ft.</td>
</tr>
</tbody>
</table>

**TOTAL** 10200 sq. ft.
<table>
<thead>
<tr>
<th>Code</th>
<th>Room Type</th>
<th>Square Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1</td>
<td>Complex Superintendent</td>
<td>350 sq. ft.</td>
</tr>
<tr>
<td>E2</td>
<td>Secretaries</td>
<td>400 sq. ft.</td>
</tr>
<tr>
<td>E3</td>
<td>Building Manager</td>
<td>300 sq. ft.</td>
</tr>
<tr>
<td>E4</td>
<td>Mechanical Engineer</td>
<td>150 sq. ft.</td>
</tr>
<tr>
<td>E5</td>
<td>Security Director</td>
<td>300 sq. ft.</td>
</tr>
<tr>
<td>E6</td>
<td>Restrooms</td>
<td>2 @ 200 sq. ft.</td>
</tr>
<tr>
<td>E7</td>
<td>Lounge</td>
<td>500 sq. ft.</td>
</tr>
<tr>
<td>E8</td>
<td>Locker Room</td>
<td>1000 sq. ft.</td>
</tr>
<tr>
<td>E9</td>
<td>Staff Restrooms</td>
<td>2 @ 200 sq. ft.</td>
</tr>
<tr>
<td>E10</td>
<td>Restroom</td>
<td>1000 sq. ft.</td>
</tr>
<tr>
<td>E11</td>
<td>Storage</td>
<td>500 sq. ft.</td>
</tr>
<tr>
<td>E12</td>
<td>Security Control</td>
<td>200 sq. ft.</td>
</tr>
<tr>
<td>E13</td>
<td>Receiving</td>
<td>500 sq. ft.</td>
</tr>
<tr>
<td>E14</td>
<td>Mechanical</td>
<td>6000 sq. ft.</td>
</tr>
<tr>
<td>E15</td>
<td>Fan Rooms</td>
<td>400 sq. ft.</td>
</tr>
<tr>
<td>E16</td>
<td>Staff Cafeteria</td>
<td>4000 sq. ft.</td>
</tr>
<tr>
<td>E17</td>
<td>First Aid</td>
<td>250 sq. ft.</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>16650 sq. ft.</strong></td>
</tr>
<tr>
<td></td>
<td>Living Units</td>
<td></td>
</tr>
<tr>
<td>----</td>
<td>--------------------</td>
<td>----</td>
</tr>
<tr>
<td>F1</td>
<td>40 @ 900 sq. ft.</td>
<td></td>
</tr>
<tr>
<td>F2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.
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.
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.
A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.
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.
Waiting

Area: 400 sq. ft.
Height: 8 ft. min.

Finishes
Floor: soft (carpet)
Walls: soft and hard - varies
Ceiling: acoustical

Systems
HVAC: low velocity, multizone
Lighting: indirect, day light
Plumbing: none

Users:
General Public: Varies
Staff: 1

Function:
Serves as a waiting area for the administrative offices.

Special Considerations:
This area will also contain a reception desk.

Components:
Sofas, chairs, tables, reception desk and chair.
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, cradenza and tables.
Executive Secretary

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

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, credenza, sofa.
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, cradenza 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, cradenza and four chairs.
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.
Users:  Director of Purchasing  1

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

Special Considerations:  None

Components:  Desk and chair, cradenza and four chairs.
Purchasing Staff

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.

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:

- Director of Housing 1

Function:

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

Special Considerations:

None

Components:

Desk and chair, cradenza, four chairs and tables.

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
**Housing 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:** 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.

---

A PRESIDENTIAL RESOURCE COMPLEX  
WASHINGTON, D.C.
**Private Secretary**

- **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).
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**

<table>
<thead>
<tr>
<th>Area:</th>
<th>500 sq. ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height:</td>
<td>8 ft. min.</td>
</tr>
</tbody>
</table>

**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

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
Count: 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.
Break Room

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

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.

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
Presidents Office

Secret Service 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.
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 then 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.
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.
A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.
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
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, cradenza and sofa.
Curator/Director's Office

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.
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.
Secretaries

Designer's
Office

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.

A PRESIDENTIAL RESOURCE COMPLEX
WASHINGTON, D.C.
General Office

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.

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
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.
Users: Staff

Function: Provides toilet facilities for the museum staff.

Special Considerations: None

Components: None
**Break Area**

**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

**Function:** Provides space for the storage of janitorial supplies.

**Special Considerations:** None

**Components:** Steel shelving and slop sink.

---

**Maintenance**

WASHINGTON, D.C.
**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, also check in point for guards.

**Special Considerations:**
- None

**Components:**
- Television monitors, desk and chair, chair and fire detection panel.
A PRESIDENTIAL RESOURCE COMPLEX
WASHINGTON, D.C.
The Presidential Library has in its holding all papers relevent 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.
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.
A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.
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

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, multi zone
- Lighting: direct, task, daylight
- Plumbing: none

Users:
- Staff
- Researchers
- 2 to 3
- 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**

**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.

A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.
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.
A. V. Room

A. V. Freezer

A. V. 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 Freezer

Area: 750 sq. ft.
Height: 12 ft. min.

Finishes
Floor: hard (tile)
Walls: hard (tile)
Ceiling: not required

Systems
HVAC: low velocity -0°F
Lighting: direct
Plumbing: none

Users: Staff Varies

Function: Storage area for photographs and motion picture negatives.

Special Considerations:
100 sq. ft. frost entry should be provided.

Components:
Steel shelving.

A PRESIDENTIAL RESOURCE COMPLEX
WASHINGTON, D.C.
Audio-Visual Lab

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

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.
Document Storage

Book Storage

Research Room

Area: 2500 sq. ft.
Height: arbitrary

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 area for books, microfilm, pamphlets and periodicals dealing with the President.

Special Considerations: None

Components: Metal Shelving.
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 cradenza.
Document Storage

Document Reproduction

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.
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, credenza, conference tables and chairs for four.
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 cradenza.
**Secretaries - Administrative Officer**

**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.
Administrative Offices

Secretaries

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

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.
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**

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

**Function:** Receiving of incoming shipments.

**Special Considerations:**
- 36 sq. ft. fumigation area.

**Components:** Storage units, work table, vent-hood in fumigation.
Break Room

Maintenance Room

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

Function: Provides space for the storage of janitorial supplies.

Special Considerations: None

Components: Steel shelving and slop sink.
**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.
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.
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.
A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.
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.
Secretaries

Director

Staff

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 Education 1

Function:
Supervises the overall planning of the continuing Education.

Special Considerations:
None

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

A PRESIDENTIAL RESOURCE COMPLEX  WASHINGTON, D.C.
Secretaries

- **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

A PRESIDENTIAL RESOURCE COMPLEX
WASHINGTON, D.C.
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.
Users: Staff Varies

Function: Provides work space for the staff to assemble work materials for seminars and lectures.

Special Considerations: None

Components: Work table and storage units.

Area: 500 sq. ft.
Height: 8 ft. min.
Finishes
- Floor: hard (tile)
- Walls: hard (tile)
- Ceiling: acoustical
Systems
- HVAC: low velocity, multizone
- Lighting: direct
- Plumbing: none

A PRESIDENTIAL RESOURCE COMPLEX
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.
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
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.
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.
A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.

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
Secretaries
Complex Superintendent

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, cradenza, 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.
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, cradenza, file area and work table.
Secretaries

Mechanical Engineer

Complex

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.
Secretaries

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, cradenza, sofa, chairs, table and chairs for four.
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

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.
<table>
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<tr>
<th>Zone</th>
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<th>Janitors</th>
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<td>Library</td>
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<td>0</td>
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<td>Administration</td>
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<td>Complex grounds</td>
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<td>8</td>
</tr>
</tbody>
</table>

A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.
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

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

Special Considerations:
- None

Components:
- None

A PRESIDENTIAL RESOURCE COMPLEX
**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

Users: Staff

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

Special Considerations:
Loading dock for supplies.

Components: Steel shelving and receiving area.

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

A PRESIDENTIAL RESOURCE COMPLEX
WASHINGTON, D.C.
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 Varieties

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 Complex

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

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
- variegates

**Function:**
- space for the distribution of mechanical systems

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

**Components:**

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A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.
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,
2 settings average meal time
Staff

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.
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.
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.
A PRESIDENTIAL RESOURCE COMPLEX

WASHINGTON, D.C.

Relationship Diagram

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

[Diagram of a presidential resource complex with labels for F1, F2, and F3 sections, indicating living units, lounge, and recreational areas.]
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
Living Units

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

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

A PRESIDENTIAL RESOURCE COMPLEX  WASHINGTON, D.C.
Recreation

Area: 1725 sq. ft.
Height: varies

Finishes
Floor: hard soft (varies)
Walls: hard soft (varies)
Ceiling: acoustical

Systems
HVAC: single zone, closed sys.
Lighting: direct, daylight
Plumbing: showers

Users: Researchers
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