ATTACHMENT A
NMAAHC Section 106 Consultation Supporting Materials
Streets

2nd Street  Constitution Avenue
3rd Street  Independence Avenue
4th Street  Pennsylvania Avenue
5th Street  Virginia Avenue
6th Street  New York Avenue
7th Street  Indiana Avenue
8th Street  Maryland Avenue
9th Street  Madison Drive
10th Street  Jefferson Drive
11th Street  Henry Bacon Drive
13th Street  Daniel French Drive
14th Street  Lincoln Memorial Circle
15th Street
17th Street
19th Street
21st Street
22nd Street
23rd Street

Appropriations and Reservations

Reservation No. 1: President's Park
(Original Appropriation No. 1)

Reservation No. 2: Washington Monument Grounds
(Original Appropriation No. 3; Reservation No. 2)

Reservation Nos. 3, 3B, 4, 5, 6, and 6A: National Mall
(Part of Original Appropriation No. 2)

Reservation No. 332: West Potomac Park
Reservation No. 333: East Potomac Park

Plan of the City of Washington, DC
Contributing Streets, Reservations, and Appropriations

NCPC
NATIONAL CAPITAL PLANNING COMMISSION
SECTION 106 | CULTURAL RESOURCES

Smithsonian Institution
Environmental Impact Statement & Section 106
for the Smithsonian National Museum of African American History and Culture

SECTION 106 | CULTURAL RESOURCES

the Louis Berger Group, Inc.
Individually Listed Historic Properties

1. American National Red Cross [NHL, NR, DC]
2. American Pharmaceutical Institute [NR, DC]
3. Arlington Memorial Bridge [NR, DC]
4. Arts and Industries Building [NHL, NR, DC]
5. Bartholdi Fountain [NR Exempt, DC]
6. Bulfinch Gatehouse and Gateposts [NR, DC]
7. Constitution Hall (Daughters of the American Revolution) [NHL, NR, DC]
8. Corcoran Gallery of Art [NHL, NR, DC]
9. DAR Memorial Continental Hall [NHL, NR, DC]
10. District of Columbia District Building [NR, DC]
11. The Ellipse [NR]
12. Jefferson Memorial Bridge [NR, DC]
13. Federal Reserve Board Building [DC]
14. Franklin Delano Roosevelt Memorial [NR]
15. Freer Gallery of Art [NR, DC]
16. Korean War Veterans Memorial [NR]
17. Lincoln Memorial [NR, DC]
18. Lock Keeper's House [NR, DC]
19. National Academy of Science and Engineering [NR, DC]
20. National Archives [NR, DC]
21. National Gallery of Art West Building [DC]
22. National Museum of Natural History [DC]
23. Old Post Office Building [NR, DC]
24. Pan American Union (Organization of American States) [NHL, NR, DC]
25. Smithsonian Institution Building (Castle) [NHL, NR, DC]
26. U.S. Botanic Gardens [DC]
27. U.S. Bureau of Engraving and Printing [DC]
28. U.S. Capitol and Grounds [NHL, NR, DC]
29. U.S. Department of Agriculture (Administration Building) [NR, DC]
30. U.S. Department of Agriculture South Building [NR, DC]
31. U.S. Department of the Interior (New Interior Building) [NR, DC]
32. U.S. Department of the Interior Offices [NR]
33. U.S. Department of the Interior South Building [NR, DC]
34. U.S. Department of the Treasury Building [NHL]
35. U.S. State, War, and Navy Building [NHL, NR, DC]
36. Van Ness House Stables [DC]
37. Vietnam Veterans Memorial [NR]
38. Washington Monument and Grounds [NR, DC]
39. White House [NR, Exempt, DC]
40. WWII Memorial
41. The Mall [NR, DC]
Historic Districts and Contributing Properties

**The National Mall Historic District**

Northwest Rectangle Historic District

[Determined Eligible for the National Register]

1. Old Department of the Interior Building (GSA)
2. Corcoran Gallery of Art
3. Pan American Union (Organization of American States)
4. DAR Memorial Continental Hall
5. DAR Constitution Hall
6. American National Red Cross
7. American Institute of Pharmacists
8. American National Red Cross Administration Building
9. American National Red Cross Office
10. American Red Cross D.C. Chapter House
11. Department of the Interior Building
12. Department of the Interior South Building
13. National Academy of Sciences
14. Federal Reserve Board Building
15. Office of Personnel Management
16. Pan American Union Annex
17. Van Ness House Stable
18. War Department
19. Jose Artigas Statue
20. Simon Bolivar Statue
21. General Jose de San Martin Statue
22. Major General John A. Railins Statue
23. Reproduction of Discus Thrower

**Seventeenth Street Historic District**

[DC Inventory, March 7, 1968]

2. Corcoran Gallery of Art (see individual listing)
3. Pan American Union (see individual listing)
4. DAR Memorial Continental Hall (see individual listing)
5. American National Red Cross
6. Pennsylvanian Avenue National Historic Site

[DC Inventory, June 19, 1973]

Buildings

24. Department of Treasury
25. Department of Commerce, Federal Triangle
26. District Building, Federal Triangle
27. Federal Trade Commission, Federal Triangle
28. Internal Revenue Service Building, Federal Triangle
29. Department of Justice, Federal Triangle
30. Labor Department, Interstate Commerce and Departmental Auditorium
31. National Archives, Federal Triangle
32. Old Post Office Building, Federal Triangle
33. U.S. Post Office Building, Federal Triangle

Statuary/Memorials/Monuments

34. Sherman Statue, Sherman Park
35. Benjamin Franklin Statue, SE corner Pennsylvania & 12th Street
36. Franklin Delano Roosevelt Memorial, Market Square Park
37. General George C. Meade Memorial, Meade Plaza
38. Peace Monument, Pennsylvania Avenue & 1st Street
39. Captain Nathan Hale Statue, Department of Justice

**Federal Triangle Historic District**

[DC Inventory, March 7, 1968; Buildings within Pennsylvania Avenue NHS]

25. Department of Commerce
26. District Building (see individual listing)
27. Federal Trade Commission
28. Internal Revenue Service
29. Department of Justice
30. Labor Department, ICC, and Departmental Auditorium
31. National Archives (see individual listing)
32. Old Post Office Building (see individual listing)
33. U.S. Post Office Department (Ariel Rios)
34. Captain Nathan Hale Statue
35. Franklin Delano Roosevelt Memorial (see individual memorial listing)
36. Reflecting Pool
37. Stone Seawalls
38. Independence Avenue Extension

**West Potomac Park Historic District**

[National Register, November 30, 1973 (revised November 11, 2001); DC Inventory, November 8, 1964]

41. Lock Keeper’s House (see individual listing)
42. Tidal Basin
43. Number 4 Fountain
44. John Paul Jones Monument
45. Japanese Cherry Trees and Statuary
46. Lincoln Memorial Grounds (see individual memorial listing)
47. John Ericsson Monument
48. DC WWI Memorial
49. Kutz Bridge & Independence Avenue Extension
50. Jefferson Memorial Grounds (see individual memorial listing)
51. Constitution Gardens
52. 56 Signers Memorial
53. Vietnam Veterans Memorial (see individual memorial listing)
54. Vietnam Women’s Memorial
55. Korean War Memorial (see individual memorial listing)
56. Franklin Delano Roosevelt Memorial (see individual memorial listing)
57. Reflecting Pool
58. Stone Seawalls
59. Independence Avenue Extension
60. East Potomac Park Historic District

[National Register, November 30, 1973 (revised November 11, 2001)]

61. Potomac Railroad Bridge
62. U.S. Engineers Storehouse (900 Ohio Dr., SW)
63. Field House, Golf Course, Mini Golf Course
64. Ohio Drive, SW

**East Potomac Park Historic District**

[National Register, November 30, 1973 (revised November 11, 2001)]

65. Independence Avenue Extension
66. East Potomac Park Historic District

[DC Inventory, November 8, 1964]

**Affectes Areas**

[Map of Washington, D.C. showing the locations of all the buildings and monuments listed above]
## Overarching Principles & Goals

### Physical Character/Quality
- The NMAAHC building and site design will be unique, unpretentious, and monumental.
- The NMAAHC building and site design will be steplike, with slight variations in elevation.
- The NMAAHC building and site design will be visually impressive, with symbolic imagery.
- The NMAAHC building and site design will be distinguished in the context of the Mall.
- The NMAAHC building and site design will be consistent with the aesthetic of the existing culture resources.

### Mission and Program
- The range of alternatives will fall within 350,000 gsf – 450,000 gsf.
- Some Alts leave more flexibility for the designer.

### Monumental Context
- Strong linkages (physical connections and/or visual connections) will be reinforced with museums, monuments, memorials and other cultural resources.
- The building alignment on the Mall will be consistent with the L’Enfant Plan.
- The building alignment on the Mall will be consistent with the Monumental Concept.
- Measures to reduce risks to security will be applied equally to all alternative.

### Urban Design Principles
- The NMAAHC building and site design will provide a transition from the museum row to the Monument and beyond.
- The NMAAHC building and site design will be consistent with the L’Enfant Plan.
- The NMAAHC building and site design will be consistent with the Monumental Concept.
- The NMAAHC building and site design will be consistent with the Concept of the Mall.

### Historic and Cultural Resource Protection Principles
- The NMAAHC massing, setback, and height will respect principal views related to the L’Enfant and McMillan Plans and the Washington Monument Grounds.
- The NMAAHC massing, setback, and height will respect principal views related to the Washington Monument.
- Existing landscape features, including trees, paths and topography, will be protected and enhanced.
- Opportunities will be created to respect and enhance the experience of the Mall with building and site design, including landscape.

### Visitor Use and Access Principles
- Adequate flood protection will be ensured through selected design and construction techniques, such as limiting underground facilities in areas of high water table.
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### Functional Principles
- Effective museum operations will be accomplished through independent loading and service facilities.
- Adequate flood protection will be ensured through selected design and construction techniques, such as limiting underground facilities in areas of high water table.
- Opportunities will be explored and implemented for sustainable use of water resources.

### Overarching Principles & Goals (Table)

<table>
<thead>
<tr>
<th>Contextual Building Alignment</th>
<th>Washington Monument Orientation</th>
<th>Free Form</th>
<th>Terraced Roof</th>
<th>Enframing</th>
<th>Long Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alternative 1</td>
<td>X</td>
<td>XX</td>
<td>X</td>
<td>XX</td>
<td></td>
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<tr>
<td>Alternative 2</td>
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<td>Alternative 3</td>
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<td>Alternative 4</td>
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<td>Alternative 5</td>
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<td>Alternative 6</td>
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</tbody>
</table>

### Determined during Design
- Overarching Principles & Goals

### Summary of Effects Matrix
- Views will be protected and enhanced when designing and placing mechanical equipment and functions typically located on a museum roof.
- Mature trees will be preserved to the north and east of the site.
- Design elements specific to lighting and building materials will be determined during design.

### In addition to landscape: the roof can be used for public use.
- Alternative 1 and Alternative 2 leave more flexibility for the designer.

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### All options are below 105'.
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### Effects Matrix

<table>
<thead>
<tr>
<th>Cultural Resources</th>
<th>Alternative 1</th>
<th>Alternative 2</th>
<th>Alternative 3</th>
<th>Alternative 4</th>
<th>Alternative 5</th>
<th>Alternative 6</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Views and Viewsheds</strong></td>
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</tr>
<tr>
<td>A. Threshold panoramas within WAMO Grounds</td>
<td>X</td>
<td>XX</td>
<td>XX</td>
<td>XX</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Panorama of WAMO grounds from WWII Memorial and Base of Reflecting Pool</td>
<td>X</td>
<td>XX</td>
<td>XX</td>
<td>XX</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Washington Monument: Diminishes the prominence of the monument within the grounds</td>
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<tr>
<td>Panorama of WAMO grounds from 17th Street &amp; Constitution</td>
<td>XX</td>
<td>XX</td>
<td>X</td>
<td>XX</td>
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<tr>
<td>Washington Monument: Diminishes the prominence of the monument within the grounds</td>
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<tr>
<td>Panorama of Washington Monument grounds from 14th Street &amp; Constitution</td>
<td>XX</td>
<td>XX</td>
<td>X</td>
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<tr>
<td>Washington Monument: Diminishes the prominence of the monument within the grounds</td>
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<tr>
<td>B. Multidirectional views from WAMO</td>
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<tr>
<td>Viewshed along Independence Avenue</td>
<td>X</td>
<td>XX</td>
<td>XX</td>
<td>XX</td>
<td>XX</td>
<td>X</td>
</tr>
<tr>
<td>Height and massing of the building would bring existing row of museums closer to the Washington Monument; Diminishes the prominence of the monument within the grounds</td>
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<tr>
<td>Viewshed along Constitution Avenue</td>
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<td>XX</td>
<td>X</td>
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<td>XX</td>
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<tr>
<td>Viewshed along Constitution Avenue</td>
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<tr>
<td>Multi-directional panoramic views within the Washington Monument grounds</td>
<td>XX</td>
<td>XX</td>
<td>X</td>
<td>XX</td>
<td>XX</td>
<td>X</td>
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<tr>
<td>Viewsheds</td>
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<tr>
<td>Buildings and Structures</td>
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<tr>
<td>Washington Monument</td>
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<tr>
<td>View to/from Old Post Office tower toward Washington Monument grounds</td>
<td>X</td>
<td>XX</td>
<td>XX</td>
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<tr>
<td>View to/from Old Post Office tower toward Washington Monument grounds</td>
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<tr>
<td>Spatial Organization</td>
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</tr>
<tr>
<td>The knoll as the organizing feature of the Washington Monument grounds</td>
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</tbody>
</table>

### Visual Resources

| Landscape Features | X | X | X | X | X | X |
| Symbolic Values |               |               |               |               |               |               |
| Public Gathering/Outdoor Programmed Space | X | X | X | X | X | X |
| WAMO grounds |               |               |               |               |               |               |
| Visual Presence on the Mall |               |               |               |               |               |               |
| Viewsheds |               |               |               |               |               |               |
| Top of Old Post Office |               |               |               |               |               |               |
| Washington Monument Grounds | X | X | X | X | X | X |
| Top of Old Post Office |
| Constitution looking west | X | X | X | X | X | X |
| SW corner of WAMO grounds |               |               |               |               |               |               |

### Other Resource Areas

| Groundwater | O | O | O | O | O | O |
| Water Quality | O | O | O | O | O | O |
| Vegetation and Topography | O | O | O | O | O | O |
| Noise | O | O | O | O | O | O |
| Air Quality | O | O | O | O | O | O |
| Traffic, Parking, Pedestrian, Bicycle Circulation | O | O | O | O | O | O |
| Land Use | O | O | O | O | O | O |
| Visitor Use & Experience | O | O | O | O | O | O |
| Public Health and Security | O | O | O | O | O | O |

### Notes

- **O**: No Significant Effect / Minor Effect
- **X**: Significant Effect - moderate
- **XX**: Significant Effect - major adverse

In Cultural Resources, the adverse effect is apparent and would diminish overall integrity, or would alter a character-defining feature(s) of the National Register eligible/listed property.

In Visual Resources, the adverse effect is detectible, but slight, and would minimally diminish overall integrity, or affect the character-defining feature(s) of the National Register eligible/listed property.