| Draft NMAAHC Effects Analysis Matrix* |  |
| --- | --- | --- | --- |
| Plinth Scheme | Plaza Scheme | Pavilion Scheme | Blended Scheme |
| ![Image](image1.png) | ![Image](image2.png) | ![Image](image3.png) | ![Image](image4.png) |

*This Effects Analysis Matrix is derived from the Design Principles developed specifically for the Landscape of the National Mall, which includes the National Mall, the National World War II Memorial, the National Air and Space Museum and from considering the site’s traditional context and existing property boundaries for adding or removing the adverse effects of new construction.

### General Composition of the National Mall

1. **The Washington Monument.**
2. **Plinth Scheme, Plaza Scheme, Pavilion Scheme, Blended Scheme.**
3. **Effects of the national Mall, the National Mall, the National World War II Memorial, the National Air and Space Museum.**
4. **Effects of the National Mall, the National World War II Memorial, the National Air and Space Museum.**
5. **The Mall.**
6. **Major Effect:** The adverse effect is detectible, but slight, and would minimally disturb overall integrity, or would alter the character-defining features of the National Mall.
7. **Moderate Effect:** The adverse effect is detectible, and would minimally disturb overall integrity, or would alter the character-defining features of the National Mall.
8. **Least Effect:** The adverse effect is not detectible, and would have no discernable impact on the character-defining features of the National Mall.

### Effects of the Mall

**Adverse Effect:**

- **Adverse Effect:** The adverse effect is detectible, but slight, and would minimally disturb overall integrity, or would alter the character-defining features of the National Mall.

- **Moderate Effect:** The adverse effect is detectible, and would minimally disturb overall integrity, or would alter the character-defining features of the National Mall.

- **Least Effect:** The adverse effect is not detectible, and would have no discernable impact on the character-defining features of the National Mall.

### Adverse/Minimization/Mitigation

**Adverse Effect:**

- **Adverse Effect:** The adverse effect is detectible, but slight, and would minimally disturb overall integrity, or would alter the character-defining features of the National Mall.

- **Moderate Effect:** The adverse effect is detectible, and would minimally disturb overall integrity, or would alter the character-defining features of the National Mall.

- **Least Effect:** The adverse effect is not detectible, and would have no discernable impact on the character-defining features of the National Mall.

### Mitigation effects through the correlation of the penthouse proportions.

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**Adverse Effect:**

- **Adverse Effect:** The adverse effect is detectible, but slight, and would minimally disturb overall integrity, or would alter the character-defining features of the National Mall.

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- **Least Effect:** The adverse effect is not detectible, and would have no discernable impact on the character-defining features of the National Mall.
<table>
<thead>
<tr>
<th>Draft NMAAHC Effects Analysis Matrix</th>
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</table>

**Scheme Blended**

**Plinth Scheme**

**Plaza Scheme**

**Pavilion Scheme**

**Blended Scheme**

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### Context of the Washington Monument Grounds

- **Major Adverse Effect**: The naturalistic topography of the Washington Monument Grounds and the distinct characteristics of this historic environment, including the peripheral "flats" and central mound.
- **Moderate Adverse Effect**: Major effects on the topography of the Washington Monument Grounds because the rectilinear treatment of the structure and the formal treatment of the landscape conflicts with the curvilinear, picturesque character of the Washington Monument Grounds.
- **Minor Adverse Effect**: Major effects on the topography of the Washington Monument Grounds because the rectilinear treatment of the structure conflicts with the curvilinear, picturesque character of the Washington Monument Grounds. More successful landscape design because it features a curved path that creates fluidity on the site and is harmonious with the character of the Washington Monument Grounds.

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### Design of the "Hinge" Site

- **Major Adverse Effect**: The "Hinge" site, within the larger composition of the National Mall where the surrounding frame of buildings reaches its closest approach to the Washington Monument.
- **Moderate Adverse Effect**: Moderate effects on the organization of the Mall because the corona conforms to the established setbacks of the museum buildings along the Mall and does not project south into the site. Most consistent of the four schemes with the spatial organization of the Mall because the corona conforms with the axial alignment of the other museum buildings along the Mall.
- **Minor Adverse Effect**: Minor effects on the spatial organization of the Mall because of the location of the corona on the site, but has advantage over the Plaza scheme.

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### Effects Analysis Matrix

- **Major Effect**: The adverse effect would diminish overall integrity, or alter a character-defining feature(s) of the National Register significant property.
- **Moderate Effect**: The adverse effect is apparent, but slight, and would minimally diminish overall integrity or alter a character-defining feature(s) of the National Register significant property.
- **Minor Effect**: The adverse effect is minimal, but right, and would minimally diminish overall integrity, or alter a character-defining feature(s) of the National Register significant property.
<table>
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<td>- Major Adverse Effect: Major effects on the western end of the Mall because the structure is directional and unidimensional so that it is axial north-south. Major effects because the design has the least ability to define a western edge that marks the end of the Mall. Major effects because the building does not conform with the prevailing setbacks of the museum buildings along the Mall.</td>
<td>- Major Adverse Effect: Major effects on the western end of the Mall because the building components do not have a defined western edge that marks the end of the Mall. Major effects because the building protrudes the western most south and does not conform with the prevailing setbacks of the museum buildings along the Mall.</td>
<td>- Moderate Adverse Effect: Major effects on the western end of the Mall because the building does not have a defined western edge that marks the end of the Mall.</td>
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<td>- The site’s unique position at the western end of the sequence of museum buildings facing the National Mall.</td>
<td>- The prevailing height and the prevailing setbacks of the primary building volumes (not terraces) of the museum buildings along the National Mall.</td>
<td>- The design's relationship with the surrounding buildings does not conform with the prevailing setbacks of the museum buildings along the Mall and does not conform with the prevailing centerline of the museum buildings along the Mall.</td>
<td>- Major Adverse Effect: Major effects because the building does not conform with the prevailing centerline of the museum buildings along the Mall. Major effects because the building does not conform with the prevailing setbacks of the museum buildings along the Mall and projects the least into the Washington Monument Grounds.</td>
</tr>
<tr>
<td>- Compatibility of all four facades and the roof</td>
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<td>- Moderate Adverse Effect: Major effects to compatibility because the treatment of the west facade does not relate to the adjacent context of the Washington Monument Grounds. Major effects because the asymmetrical penthouse does not relate to the adjacent architectural context.</td>
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<td>- The important non-cardinal views and directions of approach of the corner street crossings.</td>
<td>- The design provides views to the Washington Monument through the site.</td>
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## Draft NMAAHC Effects Analysis Matrix

**Plinth Scheme**

- Top of Corona: 118’-0"
- Top of Penthouse: 132’-6"

**Plaza Scheme**

- Top of Corona: 118’-0"
- Top of Penthouse: 133’-9"

**Pavilion Scheme**

- Top of Corona: 118’-0"
- Top of Penthouse: 132’-6"

**Blended Scheme**

- Top of Corona: 118’-0"
- Top of Penthouse: 132’-6"

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**Effects Analysis Matrix**

*This Effects Analysis Matrix is derived from the Design Principles developed specifically for the National Museum of African American History and Culture. The Design Principles summarize the analysis of the historic character of the National Mall, the selected museum site, and the surrounding urban context in order to provide a framework for evaluating and minimizing the adverse effects of new construction.*

- **Minor Effect:** 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.
- **Moderate Effect:** The adverse effect is apparent and would diminish overall integrity, or alter a character-defining feature(s) of the National Register eligible/listed property.
- **Major Effect:** The serious adverse effect would diminish overall integrity, or alter a character-defining feature(s) of the National Register eligible/listed property.

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**The important non-cardinal views and directions of approach of the historic National Mall pathways.**

**Plinth Scheme:** Moderate Adverse Effect. Moderate effects on non-cardinal views and directions of approach because plaza, once it has been entered, provides views to Washington Monument through the site.

**Plaza Scheme:** Moderate Adverse Effect. Moderate effects on non-cardinal views and directions of approach because the design provides views to the Washington Monument from 14th Street and Constitution Avenue and from within the site.

**Pavilion Scheme:**

**Blended Scheme:**

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**The important non-cardinal views and directions of approach of the diagonal relationships with the Washington Monument, the Ellipse, and the Old Post Office.**