

Draft NMAAHC Effects Analysis Matrix*	Plinth Scheme	Plaza Scheme	Pavilion Scheme	Blended Scheme
	 <p>Top of Corona: 118'-0" Top of Penthouse: 132'-6"</p>	 <p>Top of Corona: 118'-0" Top of Penthouse: 133'-9"</p>	 <p>Top of Corona: 118'-0" Top of Penthouse: 132'-6"</p>	 <p>Top of Corona: 118'-0" Top of Penthouse: 132'-6"</p>

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Avoidance/Minimization/Mitigation					
General Composition of the National Mall					
The character, history, and existing hierarchies of the monumental core as it has evolved through seminal plans, most notably the L'Enfant Plan and the McMillan Plan, but also including the Victorian-era and mid-20th-century plans. The addition of a large new structure in the midst of this historic environment must be accomplished in a way that is harmonious and respectful of existing hierarchies.					
The long views within the National Mall.	*** Major Adverse Effect. Major effects on long views because the plinth element extends beyond the existing setbacks of the museum buildings along the Mall. Major effects on long views looking west to east from behind the Washington Monument.	*** Major Adverse Effect. Major effects long views because corona element is located south of the existing setbacks of the museum buildings along the Mall. Major effects on long views looking west to east from behind the Washington Monument.	** Moderate Adverse Effect. Moderate effects on long views because the corona conforms to the existing setbacks of the museum buildings along the Mall and because the corona is on axis with the existing centerline of the museum buildings along the Mall. Major effects on long views looking west to east from behind the Washington Monument.	*** Major Adverse Effect. Major effects long views because corona element is located south of the existing setbacks of the museum buildings along the Mall. Major effects on long views looking west to east from behind the Washington Monument.	
The distant views from higher locations such as Arlington Cemetery, the Old Post Office tower, the Washington Monument, and from the air.	*** Major Adverse Effect. Major effects on views from the Washington Monument and from the air because the plinth element projects south of the established setbacks of the museum buildings along the Mall and intrudes into the open space of the Washington Monument Grounds. Major effects on views from the Washington Monument and from the air because the formal, rectilinear approach to landscape design and the scale of water elements conflicts with the informality and picturesque quality of the Washington Monument Grounds. No adverse effect on distant views from Arlington Cemetery and the Old Post Office tower.	*** Major Adverse Effect. Greatest effects on views from the Washington Monument and from the air because the structure projects the farthest south on the site and intrudes into the open space of the Washington Monument Grounds and because, from a distance, the two building elements read as a single mass with a large footprint. Major effects on views from the Washington Monument and from the air because the landscape design is formal and has the most hardscape, which conflicts with the informality and picturesque quality of the Washington Monument Grounds. No adverse effect on distant views from Arlington Cemetery and the Old Post Office tower.	*** Major Adverse Effect. Moderate effects on views from the Washington Monument and from the air because the structure conforms to the established setbacks of the museum buildings along the Mall and intrudes the least into the open space of the Washington Monument Grounds. Major effects on views from the Washington Monument and from the air because the formal, rectilinear approach to the landscape design and the formality and scale of the water elements conflicts with the informality and picturesque quality of the Washington Monument Grounds. No adverse effect on distant views from Arlington Cemetery and the Old Post Office tower.	*** Major Adverse Effect. Major effects on views from the Washington Monument and from the air because the structure projects south on the site and intrudes into the open space of the Washington Monument Grounds. Major effects on views from the Washington Monument and from the air because the formal, rectilinear approach to landscape design and the scale of water elements conflicts with the informality and picturesque quality of the Washington Monument Grounds. No adverse effect on distant views from Arlington Cemetery and the Old Post Office tower.	Mitigate effects through the correction of the penthouse proportions.
The panoramic views that open and widen on the approach to the Washington Monument Grounds from the National Mall or the Ellipse.	*** Major Adverse Effect. Major effects on views towards the Mall from the Ellipse, but has advantage over the Plaza and Blended schemes in that the structure does not project as far south on the site.	*** Major Adverse Effect. Greatest effects on views towards the Mall from the Ellipse because the corona element projects the furthest south on the site and because the building volumes occupy the greatest space on the site.	*** Major Adverse Effect. Least effect on views towards the Mall from the Ellipse because the corona conforms to the established setbacks of the museum buildings along the Mall and does not project south into the site.	*** Major Adverse Effect. Major effects on views towards the Mall from the Ellipse because of the location of the corona on the site, but has advantage over the Plaza Scheme in that it does not project as far south.	

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<p>The cross-axial spatial organization of the National Mall, marked by the Washington Monument at its crossing.</p>	<p>*** Major Adverse Effect. Major effects on spatial organization of the Mall because the structure is directional and one-dimensional so that it is axial north-south.</p>	<p>*** Major Adverse Effect. Greatest effects on the spatial organization of the Mall because the corona element projects the furthest south and because the building volumes occupy the greatest space on the site.</p>	<p>** Moderate Adverse Effect. Moderate effects on the spatial 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.</p>	<p>*** Major Adverse Effect. Major 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.</p>	
<p>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</p>	<p>*** Major Adverse Effect. Major effects on the "hinge" site, but has an advantage over the Plaza and Blended schemes in that the structure does not project as far south on the site.</p>	<p>*** Major Adverse Effect. Greatest effects on the "hinge" site because the corona element projects the furthest south and because the building volumes occupy the greatest space on the site. Even though the scheme provides a plaza space between the two structures, the built elements do not act as a hinge.</p>	<p>*** Major Adverse Effect. Least effects on the "hinge" site because because the corona conforms to the established setbacks of the museum buildings along the Mall and does not project south into the site.</p>	<p>*** Major Adverse Effect. Major effects on the "hinge" site because of the location of the corona on the site, despite providing an opening with views to the Washington Monument from 14th Street and Constitution Avenue.</p>	
Context of the Washington Monument Grounds					
<p>The scale, design character, and preeminence of the Washington Monument.</p>	<p>*** Major Adverse Effect.</p>	<p>*** Major Adverse Effect.</p>	<p>*** Major Adverse Effect.</p>	<p>*** Major Adverse Effect.</p>	
<p>The naturalistic topography of the Washington Monument Grounds and the distinct characteristics of this historic environment, including the peripheral "flats" and central mound.</p>	<p>*** Major 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.</p>	<p>*** Major 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. Major effects on the character of the historic environment because the landscape design features a large amount of hardscape and little greenspace.</p>	<p>*** Major 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 allows for the equal treatment of open space on the north and south sides and because it features a curved path that creates fluidity on the site and is harmonious with the character of the Washington Monument Grounds.</p>	<p>*** Major 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.</p>	<p>Mitigate effects by designing a landscape that relates better and is more harmonious with the landscape of the Washington Monument Grounds. Use landscape as the key to integrating the rectilinear character of the structures with the curvilinear, picturesque character of the surrounding landscape. Consider using the more formal landscape elements on the north side of the site and the more informal landscape elements on the south side of the site. Or take a looser, picturesque approach on both ends of the site. Modify water elements to be less formal, softer, and less of a barrier.</p>

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The distinctive characteristics of the historic environment of the Washington Monument Grounds including the Monument Lodge, the Bulfinch Gateposts, and the curvilinear pathways.	**Moderate Adverse Effect.	**Moderate Adverse Effect.	**Minor Adverse Effect. Least effects on the distinctive characteristics of the historic environment because the free-standing corona reads as an "object within the grounds" that relates to the other historic structures on the Washington Monument Grounds.	*** Major Adverse Effect. Major effects on the Bulfinch Gatepost because the gatepost will be located directly adjacent to the lifted corner of the cafeteria structure.	
The definition, character, and views of the Washington Monument Grounds as seen and experienced from within the reservation as a whole.	*** Major Adverse Effect. Major effects on the definition, character, and views 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. Major effects because the structure intrudes into the open space of the Washington Monument Grounds. Major effects on long views looking west to east from behind the Washington Monument.	*** Major Adverse Effect. Major effects on the definition, character, and views 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 and because the landscape design features a large amount of hardscape and little greenspace. Major effects on long views looking west to east from behind the Washington Monument.	*** Major Adverse Effect. Major effects on the definition, character, and views 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 is harmonious with the character of the Washington Monument Grounds. Major effects on long views looking west to east from behind the Washington Monument.	*** Major Adverse Effect. Major effects on the definition, character, and views 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 is harmonious with the character of the Washington Monument Grounds. Major effects on long views looking west to east from behind the Washington Monument.	
The surrounding larger landscape and fluidity of movement across the site.	*** Major Adverse Effect. Major effects on the surrounding landscape and the fluidity of movement across the site because of the formal treatment of the landscape design.	*** Major Adverse Effect. Major effects on the surrounding landscape and the fluidity of movement across the site because of the formal treatment of the landscape design and because of the large amount of hardscape.	*** Major Adverse Effect. Major effects on the surrounding landscape and the fluidity of movement across the site because of the formal treatment of the landscape design, although the integration of a curved path responds to the language of the Washington Monument grounds.	*** Major Adverse Effect. Major effects on the surrounding landscape and the fluidity of movement across the site because of the formal treatment of the landscape design, although the integration of a curved path responds to the language of the Washington Monument grounds.	Mitigate effects by considering a more curvilinear landscape.

Relationship to Adjacent Architectural and Urban Context

The site's relation to each of its adjacent contexts – the National Mall, the Washington Monument Grounds, and the urban grid of the adjacent city.	Major effects on the adjacent contexts because the plinth element projects south of the established setbacks of the museum buildings along the Mall and because the structure intrudes into the open space of the Washington Monument Grounds.	Greatest effects on the adjacent contexts because the corona element projects the furthest south and because the building volumes occupy the greatest space on the site, which intrudes into the open space of the Washington Monument Grounds. Major effects because the structure does not align with the centerline of the museum buildings along the Mall. Major effects because the cafeteria element does not conform with the established setbacks along Constitution Avenue and the adjacent urban grid.	Moderate effects on the adjacent contexts because the corona conforms to the established setbacks and centerlines of the museum buildings along the Mall and projects the least into the Washington Monument Grounds.	Major effects on the adjacent contexts because the corona element projects south on the site which intrudes into the open space of the Washington Monument Grounds and does not conform with the existing setbacks of the museum buildings along the Mall. Major effects because the structure does not align with the centerline of the museum buildings along the Mall. Major effects because the lifted cafeteria element does not conform with the established setbacks along Constitution Avenue and the adjacent urban grid.	
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The site's unique position at the western end of the sequence of museum buildings facing the National Mall.	*** Major Adverse Effect. Major effects on the western end of the Mall because the structure is directional and one-dimensional 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.	*** 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 furthest south and does not conform with the prevailing setbacks of the museum buildings along the Mall.	** 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.	*** Major 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. Major effects because the building does not conform with the prevailing setbacks of the museum buildings along the Mall.	Mitigate effects by using landscape design to establish the site's unique position at the western end of the Mall.
The prevailing height and the prevailing setback of the primary building volumes (not terraces) of the museums along the National Mall and Constitution Avenue.	*** Major Adverse Effect. Major effects because the building 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.	*** Major Adverse Effect. Greatest effects because the building 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. Major effects because the scheme places a minor building in front of a major building along Constitution Avenue.	** Moderate Adverse Effect. Moderate effects because the corona conforms to the established setbacks and the centerline of the museum buildings along the Mall and projects the least into the Washington Monument Grounds.	*** Major Adverse Effect. Major effects because the building does not conform with the prevailing setbacks of the museum buildings along the Mall and does not conform with the prevailing centerline, but has advantage over the Plaza Scheme in that it does not project as far south as the Plaza Scheme.	
Compatibility of all four facades and the roof, service/support functions, and perimeter security to adjacent architectural and urban context.	*** Major Adverse Effect. Major effects to compatibility because the treatment of the west façade does not relate to the adjacent context of the Washington Monument Grounds. Major effects because the asymmetrical penthouse does not relate to the the adjacent architectural context.	*** Major Adverse Effect. Major effects to compatibility because the treatment of the west façade does not relate to the adjacent context of the Washington Monument Grounds. Major effects because the asymmetrical penthouse does not relate to the the adjacent architectural context. Effects on compatibility with urban context because the design of the service entrance does not include a planting bed between the sidewalk along 14th Street and the drive.	*** Major Adverse Effect. Major effects to compatibility because the treatment of the west façade does not relate to the adjacent context of the Washington Monument Grounds, but has advantage over the other three schemes in that it offers the most opportunity for the integration of the west facade. Major effects because the asymmetrical penthouse does not relate to the the adjacent architectural context.	*** Major Adverse Effect. Major effects to compatibility because the treatment of the west façade does not relate to the adjacent context of the Washington Monument Grounds. Major effects because the asymmetrical penthouse does not relate to the the adjacent architectural context. Effects on compatibility with urban context because the design of the service entrance does not include a planting bed between the sidewalk along 14th Street and the drive.	Mitigate effects by using landscaping and water elements to integrate perimeter security into the site design.
The important non-cardinal views and directions of approach of the corner street crossings.		** 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.		** 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.	

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<p>The important non-cardinal views and directions of approach of the historic National Mall pathways.</p>		<p>** 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.</p>		<p>** 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.</p>	
<p>The important non-cardinal views and directions of approach of the diagonal relationships with the Washington Monument, the Ellipse, and the Old Post Office.</p>					