

Draft NMAAHC Effects Analysis by Alternative	Contextual Building Alignment Alternative 1	Washington Monument Orientation Alternative 2	Free Form Alternative 3	Terrace Roof/ Amphitheater Alternative 4	Enframing Alternative 5	Low Profile Alternative 6
	75' Above Grade	90' Above Grade	105' Above Grade	90' Above Grade	90' Above Grade	60' Above Grade

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

Views and Vistas Overall Effects

A	Panorama of Washington Monument grounds from 14th Street & Constitution (gateway panorama)	★★★major adverse • At 75', the building obstructs view of the bottom portion of the Washington Monument shaft.	★★★major adverse • At 90', the building obstructs view of bottom half of Washington Monument shaft.	★★ moderate adverse • Building is situated south on the site and does not obstruct a key view of Washington Monument from this gateway view • At 105', the building appears to be below the tree line along 14th Street.	★★★major adverse • At 90', the building obstructs view of bottom half of Washington Monument	★★★major adverse • At 90', the building is situated to preserve the narrow slot view of the monument from this vantage point. • The two buildings restrict panoramas of the Washington Monument grounds at areas other than this specific point.	★★★major adverse • At 60', the building obstructs the view of the bottom portion of the Washington Monument shaft.	• 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
A	Panorama of Washington Monument grounds from 17th Street & Constitution (gateway panorama)	★★ moderate adverse • Building height and mass alters the perceived open space of the Washington Monument grounds and character of surrounding buildings. • 75' building height would have less of an effect on the prominence of the monument	★★★major adverse • Building height and mass alters the perceived open space of the Washington Monument grounds and character of surrounding buildings.	★★★major adverse • Building height and mass alters the perceived open space of the Washington Monument grounds and character of surrounding buildings.	★★★major adverse • Building height and mass alters the perceived open space of the Washington Monument grounds and character of surrounding buildings. • Terraced landscaping on building would potentially compete with the prominence of the knoll and open, grassy landscape	★★★major adverse • Building height and mass alters the perceived open space of the Washington Monument grounds and character of surrounding buildings.	★★ moderate adverse • Building height and mass alters the perceived open space of the Washington Monument grounds and character of surrounding buildings. • 60' building height would have less of an effect on the prominence of the monument	• 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
A	Panorama of Washington Monument grounds from WWII Memorial and Base of Reflecting Pool (gateway panorama)	★ minor adverse • Building is not visible from the WWII Memorial, but comes into view as one approaches Constitution Avenue	★★ moderate adverse • Top of building is slightly visible from WWII Memorial and becomes more visible as one approaches Constitution Avenue	★★ moderate adverse • Top of building is apparent from WWII Memorial and becomes more visible as one approaches Constitution Avenue	★★ moderate adverse • Top of building is slightly visible from WWII Memorial and becomes more visible as one approaches Constitution Avenue	★ minor adverse • Top of building is slightly visible from WWII Memorial and becomes more visible as one approaches Constitution Avenue	★ minor adverse • Building is not visible from the WWII Memorial, but comes into view as one approaches Constitution Avenue	• 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
B	Multi-directional panoramic views within the Washington Monument grounds	★★★major adverse • Featuring a broad footprint and lower height, the building massing intrudes on the perception of the Washington Monument situated within an open landscape. • Rectangular massing conforms with adjacent buildings within the city grid, but does not relate to the Monument grounds to the west	★★★major adverse • Featuring a slightly smaller footprint and taller height, the building massing intrudes on the perception of the monument situated within an open landscape. • East and north facades of the building conform to adjacent buildings within the city grid and west/south edges relate more to Monument grounds.	★★★major adverse • Featuring the smallest footprint and tallest height, the building massing intrudes on the perception of the monument situated in an open landscape. • Building does not conform to the city grid or Monument grounds, but rather creates new setbacks and massing on the site.	★★★major adverse • Featuring broad footprint and terraced western side, the building massing intrudes on the perception of the monument situated within an open landscape. • East and north facades of the building conform to adjacent buildings within the city grid and west/south sides relate more to Monument grounds.	★★★major adverse • Featuring two buildings of varied height, the building massing intrudes on the perception of the monument situated within an open landscape. • Building does not conform to established city grid setbacks. Varied height is unprecedented along Constitution Avenue.	★★ moderate adverse • Featuring a reduced footprint and lowest height, the building massing intrudes on the perception of the monument situated within an open landscape. • Rectangular massing conforms with adjacent buildings within the city grid, but does not relate to the Monument grounds to the west	• Alters multi-directional views within the Washington Monument grounds • Diminishes the prominence of the monument and knoll as central organizing features

A: Primary threshold panoramas within the Washington Monument grounds. Also includes resources (buildings, landscape features, etc.) of primary importance to the significance of the Washington Monument grounds. These features are contained within the boundaries of the Washington Monument grounds, in direct proximity to the NMAAHC site and are likely to be most affected by the construction and operation of the NMAAHC.

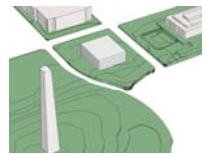

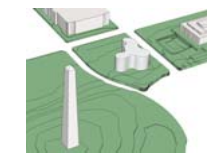
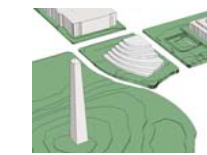
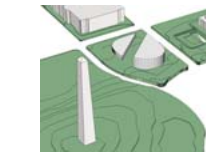
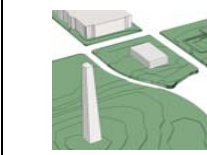
B: Important multidirectional panoramas within the Washington Monument grounds. Also includes features that contribute to the significance of the Washington Monument and grounds, or features that are in close proximity to the NMAAHC site. These features are likely to be affected by the construction and operation of the NMAAHC.

C: Important multi-directional viewsheds from within the Washington Monument grounds to the outside periphery and street views along main corridors bordering the Monument grounds. Also includes features that contribute to the significance of areas surrounding the Washington Monument grounds. These resources may be affected by the construction and operation of the NMAAHC.

D: Important contextual viewsheds and resources that contribute to the overall context of the city, but are at a greater distance from the Washington Monument grounds. These resources may be affected by the construction and operation of the NMAAHC.

E: Important broad contextual views, such as aeriels and views from across the Potomac River. These viewsheds may be affected by the construction and operation of the NMAAHC.

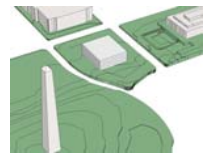


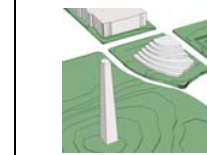
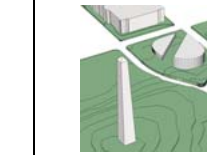
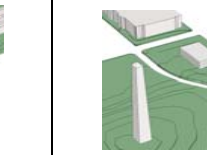
The definitions for "A,B,C,D" were initially developed at the September 19th Section 106 consulting parties meeting as a means of ranking views and vistas within the Area of Potential Effect. For the purposes of this matrix, which includes all primary character-defining features, the ranking system framework was expanded to include additional historic resources such as buildings, landscape features, and spatial organization. Character-defining features on this matrix are taken from the following sources: Multiple National Register of Historic Places documentation, HABS/HAER documentation, and National Park Service Cultural Landscape Inventories and Cultural Landscape Reports for the Mall and Washington Monument Grounds. The features have been discussed and augmented in a series of Section 106 consulting party meetings during the summer and fall of 2007.

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Overall Effects

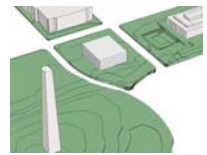


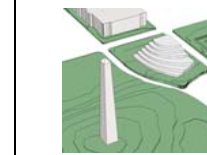
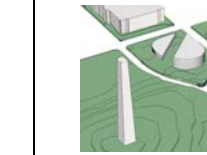
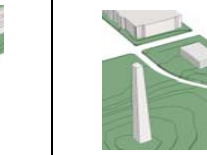
Views and Vistas								Overall Effects
B	Viewshed from Washington Monument grounds to the Federal Triangle, particularly the Constitution Avenue facades	★★★major adverse • Large footprint obstructs large portion of ICC & Mellon Auditorium within the Federal Triangle along Constitution Ave.	★★★major adverse • Large footprint obstructs large portion of ICC & Mellon Auditorium within the Federal Triangle along Constitution Ave.	★★★major adverse • Building height has greater impact on the legibility of the cornice and roofline of the Federal Triangle. • The building has less effect on the broad visibility of the Federal Triangle buildings along Constitution Ave.	★★★major adverse • Building blocks the broadest area of the façades along Constitution Ave. • Introduces stepped feature to Federal Triangle backdrop.	★★★major adverse • Height and placement of the taller mass on the site has greater impact on the legibility of the cornice and roofline of the Federal Triangle buildings along Constitution Ave.	★★★major adverse • Large footprint obstructs large portion of ICC & Mellon Auditorium within the Federal Triangle along Constitution Ave. • Lower height likely to leave the roofline and cornice unobstructed from many viewpoints within the Washington Monument grounds.	• Height and massing of the building would restrict the viewshed of the Federal Triangle from various points within the Washington Monument Grounds
C	Viewshed to/from Washington Monument grounds to U.S. Auditors Complex	★ minor adverse • Building causes minor setting intrusion on the U.S. Auditors Complex building.	★ minor adverse • Building causes minor setting intrusion on the U.S. Auditors Complex building.	★ minor adverse • Building causes minor setting intrusion on the U.S. Auditors Complex building.	★ minor adverse • Building causes minor setting intrusion on the U.S. Auditors Complex building.	★ minor adverse • Building causes minor setting intrusion on the U.S. Auditors Complex building.	★ minor adverse • Building causes minor setting intrusion on the U.S. Auditors Complex building.	• Height and massing of the building would restrict views to/from the U.S. Auditor's Complex
C	Viewshed from Washington Monument grounds to the U.S. Department of Agriculture	★ minor adverse • Building causes minor setting intrusion on the view to the U.S. Department of Agriculture building.	★ minor adverse • Building causes minor setting intrusion on the view to the U.S. Department of Agriculture building.	★ minor adverse • Building causes minor setting intrusion on the view to the U.S. Department of Agriculture building.	★ minor adverse • Building causes minor setting intrusion on the view to the U.S. Department of Agriculture building.	★ minor adverse • Building causes minor setting intrusion on the view to the U.S. Department of Agriculture building.	★ minor adverse • Building causes minor setting intrusion on the view to the U.S. Department of Agriculture building.	• Height and massing of the building would restrict views to the U.S. Agriculture Department
C	Viewshed along Constitution Avenue	★★★major adverse • Building restricts key viewshed of Washington Monument traveling west on Constitution Avenue • Building alters established open space along Constitution Avenue	★★★major adverse • Building restricts key viewshed of Washington Monument traveling west on Constitution Avenue • Building alters established open space along Constitution Avenue	★★ moderate adverse • Building is situated south on the NMAAHC site and does not constrain key views of the Washington Monument traveling west on Constitution Ave. • Massing and setback alters established open space along Constitution Avenue	★★★major adverse • Building restricts key viewshed of Washington Monument traveling west on Constitution Avenue • Stepped profile introduces new massing element along Constitution Ave. • Building alters established open space along Constitution Avenue	★★★major adverse • Building preserves viewshed of Washington Monument at 14th Street, but restricts view traveling west on Constitution Avenue • Establishes new height variation that is somewhat out of scale with the Federal Triangle. • Building alters established open space along Constitution Avenue	★★★major adverse • Building restricts key viewshed of Washington Monument traveling west on Constitution Avenue • Building alters established open space along Constitution Avenue	• Alters the established setback of buildings along Constitution Avenue
C	Viewshed along Independence Avenue	★ minor adverse • 75' building height is visible from Independence Avenue, but does not rise above the prominent horizontal line of	★★ moderate adverse • 90' building height is apparent from Independence Avenue • Building rises above the horizontal roofline of the Federal triangle	★★ moderate adverse • 105' building height is very apparent from Independence Avenue • Building rises above horizontal roofline of Federal Triangle	★★ moderate adverse • 90' building height is apparent from Independence Avenue • Building rises above on the horizontal roofline of the Federal triangle	★★ moderate adverse • 90' building height is apparent from Independence Avenue • Building rises above on the horizontal roofline of the Federal triangle	★ minor adverse/No Effect • 60' building is minimally not visible from Independence Avenue and does not intrude on the prominence of the	• 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 along this viewshed

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Overall Effects

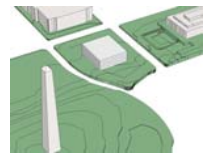

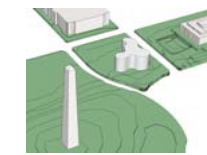

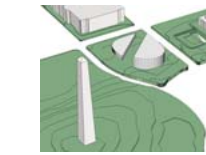
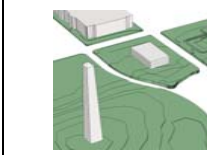
Views and Vistas								
C	Viewshed along 14th Street	★★ moderate adverse • Building establishes the city grid on the Washington Monument grounds • Building partially obstructs view of Federal Triangle	★★ moderate adverse • Building establishes the city grid on the Washington Monument grounds • Building partially obstructs view of Federal Triangle	★★ moderate adverse • Building partially obstructs the view of the Department of Commerce	★★ moderate adverse • Building partially obstructs the view of the Department of Commerce	★★ moderate adverse • Building partially obstructs the view of the Department of Commerce	★★ moderate adverse • Building establishes the city grid on the Washington Monument grounds • Building partially obstructs view of Federal Triangle	• Alters progression of space as seen down the main 14th Street corridor, establishing a more rigid urban grid on the Washington Monument grounds open space
C	Viewshed along 17th Street	★★ moderate adverse • The knoll shields the view of the building traveling north on 17th Street. • Building is not minimally visible from the WWII Memorial, but comes into view as one approaches Constitution Avenue.	★★ moderate adverse • The knoll partially shields the view of the building traveling north on 17th Street. • Top of building is slightly visible from WWII Memorial and becomes more visible as one approaches Constitution Avenue.	★★ moderate adverse • The knoll partially shields the view of the building traveling north on 17th Street. • Top of building is apparent from WWII Memorial and becomes more visible as one approaches Constitution Avenue	★★ moderate adverse • The knoll partially shields the view of the building traveling north on 17th Street. • Top of building is slightly visible from WWII Memorial and becomes more visible as one approaches Constitution Avenue	★★ moderate adverse • The knoll partially shields the view of the building traveling north on 17th Street. • Top of building is slightly visible from WWII Memorial and becomes more visible as one approaches Constitution Avenue	★★ moderate adverse • The knoll shields the view of the building traveling north on 17th Street. • Building is minimally/not visible from the WWII Memorial, but comes into view as one approaches Constitution Avenue	• Height and massing of the building would bring row of museums onto Washington Monument grounds • Alters the visual relationship with open space as viewed down the 17th Street corridor • Restricts key views of the Federal Triangle
C	Viewshed from Washington Monument grounds to the White House and Ellipse	★ minor adverse • Building causes minor setting intrusion on the view to the Ellipse and White House from the Washington Monument grounds.	★ minor adverse • Building causes minor setting intrusion on the view to the Ellipse and White House from the Washington Monument grounds.	★ minor adverse • Building causes minor setting intrusion on the view to the Ellipse and White House from the Washington Monument grounds.	★ minor adverse • Building causes minor setting intrusion on the view to the Ellipse and White House from the Washington Monument grounds.	★ minor adverse • Building causes minor setting intrusion on the view to the Ellipse and White House from the Washington Monument grounds.	★ minor adverse • Building causes minor setting intrusion on the view to the Ellipse and White House from the Washington Monument grounds.	• Height and massing of the building would alter visual relationship between the Washington Monument Grounds and the White House/Ellipse
D	Viewshed from the White House to the Jefferson Memorial and the southern horizon	★★ moderate adverse • Alters the visual relationship of open space with the White House & Ellipse	★★ moderate adverse • Alters the visual relationship of open space with the White House & Ellipse • Unusual façade configuration may make building more visible	★★ moderate adverse • Alters the visual relationship of open space with the White House & Ellipse • Unusual façade configuration may make building more visible • Building height extends beyond horizontal tree and building line	★★ moderate adverse • Alters the visual relationship of open space with the White House & Ellipse • Unusual façade configuration may make building more visible • Building height extends beyond horizontal tree and building line	★★ moderate adverse • Alters the visual relationship of open space with the White House & Ellipse • Unusual façade configuration may make building more visible • Building height extends beyond horizontal tree and building line	★★ moderate adverse • Alters the visual relationship of open space with the White House & Ellipse	• Height and massing of the building would potentially affect peripheral views from the White House and Ellipse to the Jefferson Memorial and southern horizon
D	Viewshed from Capitol to Washington Monument and the western horizon	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Viewshed from Lincoln Memorial to the Washington Monument	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Views to elms from walks and grass panels along the Mall	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Views to building facades along the Mall	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Views up cross streets along the mall	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Viewshed to and from Reservation No. 332 (West Potomac Park), including view from Jefferson Memorial	★ minor adverse • Building causes minor visual impact to buildings surrounding the Washington Monument.	★ minor adverse • Building causes minor visual impact to buildings surrounding the Washington Monument.	★ minor adverse • Building causes minor visual impact to buildings surrounding the Washington Monument.	★ minor adverse • Building causes minor visual impact to buildings surrounding the Washington Monument.	★ minor adverse • Building causes minor visual impact to buildings surrounding the Washington Monument.	★ minor adverse • Building causes minor visual impact to buildings surrounding the Washington Monument.	• Alters the views of the east end of West Potomac Park toward the Washington Monument grounds and Federal Triangle facades along Constitution Avenue
E	Viewshed from Arlington House and Arlington Cemetery	★ minor adverse • Building causes minor visual impact to buildings surrounding the Washington Monument.	★ minor adverse • Building causes minor visual impact to buildings surrounding the Washington Monument.	★ minor adverse • Building causes minor visual impact to buildings surrounding the Washington Monument.	★ minor adverse • Building causes minor visual impact to buildings surrounding the Washington Monument.	★ minor adverse • Building causes minor visual impact to buildings surrounding the Washington Monument.	★ minor adverse • Building causes minor visual impact to buildings surrounding the Washington Monument.	• Height, massing, lighting, and materials of the building would alter the view from Arlington Cemetery and Arlington House

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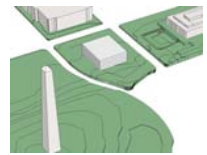


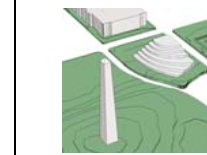
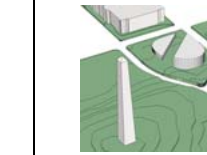
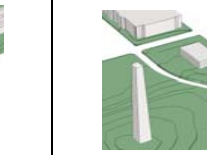
Overall Effects

Views and Vistas								
E	Aerial views of the Washington Monument grounds and surrounding urban fabric	★★ moderate adverse • Building alters the perception of the Washington Monument grounds, removing the northeast corner.	★★ moderate adverse • Building alters the perception of the Washington Monument grounds, removing the northeast corner.	★★ moderate adverse • Building alters the perception of the Washington Monument grounds, removing the northeast corner.	★★ moderate adverse • Building alters the perception of the Washington Monument grounds, removing the northeast corner.	★★ moderate adverse • Building alters the perception of the Washington Monument grounds, removing the northeast corner.	★★ moderate adverse • Building alters the perception of the Washington Monument grounds, removing the northeast corner.	• Height, massing, lighting, and materials of the building would alter aerial views of the Washington Monument grounds
Buildings and Structures								
E	View to/from Old Post Office tower toward Washington Monument grounds	★ minor adverse • Building is visible from the Old Post Office Tower, but does not obstruct the view of the Washington Monument	★★ moderate adverse • Building is visible from the Old Post Office Tower, but does not obstruct the view of the Washington Monument • Building partially obstructs view of Old Post Office Tower from Washington Monument grounds	★★ moderate adverse • Building is visible from the Old Post Office Tower and partially obstructs a view of the Washington Monument • Building almost fully obstructs view of Old Post Office Tower from Washington Monument grounds	★★ moderate adverse • Building is visible from the Old Post Office Tower, but does not obstruct the view of the Washington Monument	★ minor adverse • Building is visible from the Old Post Office Tower and partially obstructs a view of the Washington Monument	★ minor adverse/No effect • Building is only minimally visible from the Old Post Office Tower and does not obstruct the view of the Washington Monument	• Height and massing would potentially obstruct views of the Old Post Office tower from the Washington Monument Grounds and potentially obstruct views of the Washington Monument from the tower observatory
A	Washington Monument	★★★ major adverse • Building visually competes with the prominence of the Washington Monument	★★★ major adverse • Building visually competes with the prominence of the Washington Monument	★★★ major adverse • Building visually competes with the prominence of the Washington Monument	★★★ major adverse • Building visually competes with the prominence of the Washington Monument	★★★ major adverse • Building visually competes with the prominence of the Washington Monument	★★★ major adverse • Building visually competes with the prominence of the Washington Monument	• Diminishes visual impact of the Washington Monument
A	Monument Lodge	★★★ major adverse • Building diminishes visual impact of the Monument Lodge. • Museum is situated at northeast corner of NMAAHC site, at a greater distance from the Monument Lodge.	★★★ major adverse • Building diminishes visual impact of the Monument Lodge. • Building is situated at northeast corner of NMAAHC site, at a greater distance from the Monument Lodge	★★★ major adverse • Building diminishes visual impact of the Monument Lodge. • Height and placement of building on the NMAAHC site are in close proximity to the Monument Lodge.	★★★ major adverse • Building diminishes visual impact of the Monument Lodge. • Broad building footprint and terraced outdoor programming space are in close proximity to Monument Lodge.	★★★ major adverse • Building diminishes visual impact of the Monument Lodge. • Large building footprint is located within close proximity to Monument Lodge	★★★ major adverse • Building diminishes visual impact of the Monument Lodge. • Smaller building footprint is situated at northeast corner of NMAAHC site, which is at a greater distance from Monument Lodge.	• Diminishes visual impact of the Monument Lodge
A	Bulfinch Gateposts (flanking 15th Street, one on NMAAHC site)	★★★ major adverse • Building diminishes visual importance of Bulfinch Gatepost.	★★★ major adverse • Building diminishes visual importance of Bulfinch Gatepost.	★★★ major adverse • Building diminishes visual importance of Bulfinch Gatepost. • Building placement on NMAAHC site is at greatest distance from gatepost.	★★★ major adverse • Building diminishes visual importance of Bulfinch Gatepost.	★★★ major adverse • Building diminishes visual importance of Bulfinch Gatepost.	★★★ major adverse • Building diminishes visual importance of Bulfinch Gatepost. • Building placement and height defers more to gatepost.	• Diminishes visual impact of the Bulfinch Gateposts
B	Survey Lodge	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
B	Jefferson Pier	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
B	Federal Triangle, particularly Constitution Avenue facades	★★★ major adverse • See overall effects column • See also effects on views and vistas for Federal Triangle and Constitution Avenue	★★★ major adverse • See overall effects column • See also effects on views and vistas for Federal Triangle and Constitution Avenue	★★★ major adverse • See overall effects column • See also effects on views and vistas for Federal Triangle and Constitution Avenue	★★★ major adverse • See overall effects column • See also effects on views and vistas for Federal Triangle and Constitution Avenue	★★★ major adverse • See overall effects column • See also effects on views and vistas for Federal Triangle and Constitution Avenue	★★★ major adverse • See overall effects column • See also effects on views and vistas for Federal Triangle and Constitution Avenue	• Intrudes on the setting of the Federal Triangle by altering relationship with open space on the monument grounds. • Competes with the south portico of the Department of Commerce and diminishes the visual impact of the five-part composition that is centered on the Mellon Auditorium

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Buildings and Structures								Overall Effects
C	White House	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
C	U.S. Auditors Complex	★ minor adverse • See also effects on views and vistas for U.S. Auditors Complex	★ minor adverse • See also effects on views and vistas for U.S. Auditors Complex	★ minor adverse • See also effects on views and vistas for U.S. Auditors Complex	★ minor adverse • See also effects on views and vistas for U.S. Auditors Complex	★ minor adverse • See also effects on views and vistas for U.S. Auditors Complex	★ minor adverse • See also effects on views and vistas for U.S. Auditors Complex	• Intrudes on the setting of the U.S. Auditors complex • Alters the visual relationship with the open space of the Washington Monument grounds
C	U.S. Department of Agriculture	★ minor adverse • See overall effects • See also effects on views and vistas for U.S. Department of Agriculture building	★ minor adverse • See overall effects • See also effects on views and vistas for U.S. Department of Agriculture building	★ minor adverse • See overall effects • See also effects on views and vistas for U.S. Department of Agriculture building	★ minor adverse • See overall effects • See also effects on views and vistas for U.S. Department of Agriculture building	★ minor adverse • See overall effects • See also effects on views and vistas for U.S. Department of Agriculture building	★ minor adverse • See overall effects • See also effects on views and vistas for U.S. Department of Agriculture building	• Intrudes on the setting of the U.S. Agriculture Department building • Alters the visual relationship with the open space of the Washington Monument grounds
D	Northwest Rectangle	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	• Intrudes on the setting of the buildings located in the southeast section of the Northwest Rectangle • Alters the visual relationship with open space along the Constitution Avenue corridor
D	Seventeenth Street Historic District	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	• Intrudes on the setting of the buildings located in the south section of the Seventeenth Street historic District • Alters the visual relationship with open space along the Constitution Avenue corridor
D	Smithsonian Castle	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Freer Gallery	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Arts & Industries Building	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	National Museum of Natural History	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	National Gallery of Art West Building	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	U.S. Capitol	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Lincoln Memorial	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Jefferson Memorial	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Old Post Office tower	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
Spatial Organization								
A	Original Appropriation No. 3 (Washington Monument grounds) bounded by 14th Street, 17th Street, Constitution and Independence Avenues	★★★major adverse • See overall effects	★★★major adverse • See overall effects	★★★major adverse • See overall effects	★★★major adverse • See overall effects	★★★major adverse • See overall effects	★★★major adverse • See overall effects	• Alters the historic boundaries of the Washington Monument Grounds • Fundamentally alters the spatial concept for Original Appropriation No. 3 • Extends the city's orthogonal grid onto Washington Monument Grounds
A	The knoll as the organizing feature of the Washington Monument grounds	★★ moderate adverse • 75' building height would have less of an effect on the knoll as an organizing feature of the grounds	★★★major adverse • 90' building height would significantly affect the prominence of the knoll as an organizing feature of the grounds	★★★major adverse • 105' building height would significantly affect the prominence of the knoll as an organizing feature of the grounds	★★★major adverse • 90' building height would significantly affect the prominence of the knoll as an organizing feature of the grounds • Terraced landscaping on the building would potentially compete with the prominence of the knoll within the grounds	★★★major adverse • 90' building height would significantly affect the prominence of the knoll as an organizing feature of the grounds	★★ moderate adverse • 60' building height would have less of an effect on the knoll as an organizing feature of the grounds	• Height and massing of the building would affect the prominence of the knoll
A	Open landscape within the Washington Monument grounds	★★★major adverse • Large building footprint encompasses much of the NMAAHC site	★★★major adverse • Smaller footprint removes less of the open space	★★★major adverse • Smaller footprint removes less of the open space	★★★major adverse • Large building footprint encompasses much of the NMAAHC site	★★★major adverse • Two building footprints encompass much of the NMAAHC site	★★★major adverse • Smaller footprint removes less of the open space	• Removes portion of open landscape

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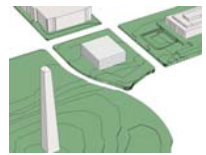


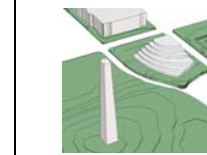
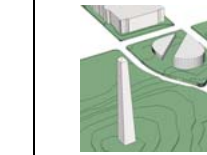
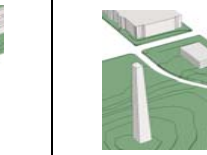
Overall Effects

Spatial Organization

B	Original Appropriation No. 1 (President's Park), including the White House and Ellipse	★★ moderate adverse • See overall effects • Rectangular building reinforces city grid on open landscape, altering the visual relationship of open space with the White House & Ellipse • See also effects on views and vistas for Ellipse and White House	★★ moderate adverse • See overall effects • Rectangular building mass to the north reinforces city grid on open landscape, altering the visual relationship of open space with the White House & Ellipse • See also effects on views and vistas for Ellipse and White House	★★ moderate adverse • See overall effects • See also effects on views and vistas for Ellipse and White House	★★ moderate adverse • See overall effects • See also effects on views and vistas for Ellipse and White House	★★ moderate adverse • See overall effects • See also effects on views and vistas for Ellipse and White House	★★ moderate adverse • See overall effects • Rectangular building reinforces city grid on open landscape more than other alternatives • See also effects on views and vistas for Ellipse and White House	• Causes a loss of symmetry of the elements designed to flank the Ellipse (open space on 17th Street vs. built space on 14th/15th Street) • Alters the visual relationship with the open space of the Washington Monument grounds
C	Flat landscape along the Mall from Capitol to Washington Monument grounds	★★ moderate adverse • See overall effects	★★ moderate adverse • See overall effects	★★ moderate adverse • See overall effects • Building height may alter perception of space if taller than tree line	★★ moderate adverse • See overall effects	★★ moderate adverse • See overall effects	★★ moderate adverse • See overall effects	• Alters the perception of the progression of space in the areas near the NMAAHC site
C	Original Appropriation No. 2 (Capitol grounds and the Mall); the Mall framed on either side by trees	★★ moderate adverse • Building mass and setbacks visually extend the Mall onto Washington Monument grounds • Visually alters the boundaries of the Mall	★★ moderate adverse • Building mass and setbacks visually extend the Mall onto Washington Monument grounds • Visually alters the boundaries of the Mall	★★ moderate adverse	★★ moderate adverse • Building mass and setbacks visually extend the Mall onto Washington Monument grounds • Visually alters the boundaries of the Mall	★★ moderate adverse • Building mass and setbacks visually extend the Mall onto Washington Monument grounds • Visually alters the boundaries of the Mall	★★ moderate adverse • Building mass and setbacks visually extend the Mall onto Washington Monument grounds • Visually alters the boundaries of the Mall	• Alters the visual boundaries of the west side of the Mall • Extends row of museums into Washington Monument Grounds
D	Reservation No. 332 (West Potomac Park)	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Orthogonal grid of the city	★ minor adverse	★ minor adverse	★ minor adverse	★ minor adverse	★ minor adverse	★ minor adverse	• Introduces new element into orthogonal city grid
D	Radiating avenues of the city	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Washington Monument as organizing feature of the city	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	

Land Use

A	Free/informal public gathering space on NMAAHC site	★★ moderate adverse • Large building footprint removes substantial amount of informal open space • Minimal outdoor programming	★★ moderate adverse • Building removes portion of informal open landscape • Allows for more outdoor programming space situated toward the Monument	★★ moderate adverse • Smaller building footprint removes less open landscape • Outdoor program space is situated to the north of the site, away from Washington Monument	★★ moderate adverse • Large building footprint removes substantial amount of open space • Formalized outdoor programming	★★ moderate adverse • Two building footprints remove substantial amount of informal open space • Outdoor programming located between the two buildings	★★ moderate adverse • Building removes portion of informal open landscape • Smaller building footprint removes less open landscape	• Removes public space • Alters free/open space to more defined/formal space
A	Free/informal recreational space on NMAAHC site	★★ moderate adverse • Large building footprint removes substantial amount of informal open space • Minimal outdoor programming	★★ moderate adverse • Building removes portion of informal open landscape • Allows for more outdoor programming space situated toward the Monument	★★ moderate adverse • Smaller building footprint removes less open landscape • Outdoor program space is situated to the north of the site, away from Washington Monument	★★ moderate adverse • Large building footprint removes substantial amount of open space • Formalized outdoor programming	★★ moderate adverse • Two building footprints remove substantial amount of informal open space • Outdoor programming located between the two buildings	★★ moderate adverse • Building removes portion of informal open landscape • Smaller building footprint removes less open landscape	• Removes public space • Alters free/open space to more defined/formal space

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Overall Effects

Circulation								
C	Constitution Avenue	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	• Alters the established streetscape/setback along Constitution Avenue
C	Independence Avenue	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
C	14th Street	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
C	15th Street	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
C	17th Street	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Jefferson and Madison Drives along the Mall	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	3rd, 4th, 7th, 14th Streets	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	East/West walks along the Mall (including sidewalks along Jefferson & Madison and North/South Vista Walks)	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Cross-axial walks along the Mall (5th, 6th, 9th, 10th, 12th & 14th)	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
Topography								
A	Gentle rise of the Washington Monument knoll	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
C	Overall level topography from the Capitol to 12th Street along the Mall	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
C	Discernable downward slope to 14th Street along the Mall	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
Vegetation								
A	Open turf lawn on Washington Monument grounds	★★★major adverse • Building and outdoor programming space removes a large portion of the open turf lawn	★★★major adverse • Building and outdoor programming space removes a large portion of the open turf lawn	★★★major adverse • Building and outdoor programming space removes a large portion of the open turf lawn	★★★major adverse • Building and outdoor programming space removes a large portion of the open turf lawn	★★★major adverse • Building and outdoor programming space removes a large portion of the open turf lawn	★★★major adverse • Building and outdoor programming space removes a large portion of the open turf lawn	• Removes portion of open turf lawn within the Washington Monument grounds
A	Street trees (elms) on Washington Monument grounds	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	★ minor adverse • See overall effects	• Diminishes the visual impact of the trees
B	Tree plantings around Survey Lodge, Sylvan Theater	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
B	Groves of cherries on Washington Monument grounds	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Flat grass panels along the Mall	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	
D	Tree panels lining the Mall	No Effect	No Effect	No Effect	No Effect	No Effect	No Effect	