

Resource	Feature/Action	NO ACTION	ALTERNATIVE A	ALTERNATIVE B modified	ALTERNATIVE D	ALTERNATIVE F	Comments/Additional Information
<b>Direct Effects - Within Project Area</b>							
<b>Freer Gallery of Art</b> DC, NR, Contributing building to Mall HD and Quadrangle HD	<b>Freer Gallery East Accessible Entrance:</b> An existing window on the east side of the Freer Gallery will be lowered to create an accessible entrance from Haupt Garden.	<b>No effect.</b>	Alteration of the east wall will adversely effect the historic window configuration. <b>Adverse effect.</b>	Alteration of the east wall will adversely effect the historic window configuration. <b>Adverse effect.</b>	Alteration of the east wall will adversely effect the historic window configuration. <b>Adverse effect.</b>	Alteration of the east wall will adversely effect the historic window configuration. <b>Adverse effect.</b>	<ul style="list-style-type: none"> <li>Undertaking is common to all alternatives.</li> <li>Minor adverse effect has been further minimized by designing the new entrance to correspond to the existing facade bay configuration and to remove a minimal amount of historic fabric.</li> <li>Interior lobby will be located in a modified area and will not affect significant interior spaces.</li> </ul>
	<b>New Loading Ramp:</b> A new loading ramp will be constructed on the west lawn of the Freer Gallery to connect with centralized loading facilities.	<b>No effect.</b>	Existing Quad loading dock would be retained. <b>No adverse effect.</b>	Existing Quad loading dock will be removed and replaced with a new ramp adjacent to the west elevation of the Freer Gallery. <b>Effect to be determined.</b>	Existing Quad loading dock will be removed and replaced with a new ramp adjacent to the west elevation of the Freer Gallery. <b>Effect to be determined.</b>	Existing Quad loading dock will be removed and replaced with a new ramp adjacent to the west elevation of the Freer Gallery. <b>Effect to be determined.</b>	<ul style="list-style-type: none"> <li>Undertaking is common to alternatives B-F.</li> <li>Excavation may require structural underpinning to Freer Gallery.</li> <li>Ramp and associated infrastructure has potential to adversely effect the character and setting of the Freer Gallery.</li> <li>Effects will be further evaluated at time of project design.</li> </ul>
<b>Smithsonian Institution Building "Castle"</b> DC, NR, NHL, Contributing building to Mall HD and Quadrangle HD	<b>Castle Blast Protection:</b> Castle retrofit will include blast resistance to be coordinated with perimeter security elements.	<b>No effect.</b>	<b>No adverse effect.</b>	<b>No adverse effect.</b>	<b>No adverse effect.</b>	<b>No adverse effect.</b>	<ul style="list-style-type: none"> <li>Undertaking is common to all alternatives.</li> <li>Blast protection is consistent with Security Design Criteria for SI Facilities.</li> <li>If no action is taken, Castle will be susceptible to potential blast damage.</li> <li>Blast protection will include hardening and replacement of non-original components, including windows.</li> <li>Blast protection will be coordinated with master plan perimeter security design.</li> </ul>
	<b>Castle Base Isolation:</b> Base isolation will include excavation beneath the Castle and introduction of base isolators beneath the existing foundation.	Without treatment, Castle will continue to deteriorate and be vulnerable to potential damage. <b>Adverse effect.</b>	Base isolation would be designed and monitored to ensure protection of Castle. <b>No adverse effect.</b>	Base isolation would be designed and monitored to ensure protection of Castle. <b>No adverse effect.</b>	Base isolation would be designed and monitored to ensure protection of Castle. <b>No adverse effect.</b>	Base isolation would be designed and monitored to ensure protection of Castle. <b>No adverse effect.</b>	<ul style="list-style-type: none"> <li>Undertaking is common to all alternatives.</li> <li>Seismic protection is consistent with building code.</li> <li>Base isolation requires a neutral perimeter around base of the Castle. Perimeter buffer will be integrated into the landscape.</li> <li>Consistent with best practices for base isolation, SI will solicit third-party review by qualified engineers to ensure protection of Castle.</li> </ul>
	<b>Castle Seismic Bracing:</b> Structural bracing will be added to supplement the Castle's existing structure.	Without treatment, Castle will continue to deteriorate and be vulnerable to potential damage. <b>Adverse effect.</b>	Structural bracing may require the removal or modification of historic fabric. <b>Effect to be determined.</b>	Structural bracing may require the removal or modification of historic fabric. <b>Effect to be determined.</b>	Structural bracing may require the removal or modification of historic fabric. <b>Effect to be determined.</b>	Structural bracing may require the removal or modification of historic fabric. <b>Effect to be determined.</b>	<ul style="list-style-type: none"> <li>Undertaking is common to all alternatives.</li> <li>Seismic protection is consistent with building code.</li> <li>Structural bracing will be limited to building interior and will not be visible from the exterior.</li> <li>Effects will be further evaluated at time of project design.</li> </ul>

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<b>Smithsonian Institution Building "Castle"</b> DC, NR, NHL, Contributing building to Mall HD and Quadrangle HD	<b>Castle Basement Floor Lowering:</b> In connection with seismic retrofit, the basement floor level will be lowered to create additional headroom for the visitor center and other program uses. Mechanical and other infill will be removed to expose the historic masonry vaults, piers, and walls.	<i>No effect.</i>	<i>No adverse effect.</i>	<i>No adverse effect.</i>	<i>No adverse effect.</i>	<i>No adverse effect.</i>	<ul style="list-style-type: none"> <li>Undertaking is common to all alternatives.</li> <li>Undertaking will remove incompatible infill construction and allow for the restoration of these historic features.</li> <li>Detailing of historic structural elements will be designed to meet the Secretary of the Interior Standards.</li> <li>Approximately one-third of basement level was previously lowered at connection to Quadrangle.</li> </ul>
	<b>Castle Interior Restoration:</b> The ground and upper floors of the Castle will be rehabilitated, with significant interior spaces restored to their period(s) of significance.	Without treatment, Castle interior and systems will continue to deteriorate. <b>Adverse effect.</b>	<i>No adverse effect.</i>	<i>No adverse effect.</i>	<i>No adverse effect.</i>	<i>No adverse effect.</i>	<ul style="list-style-type: none"> <li>Undertaking is common to all alternatives.</li> <li>Undertaking will remove incompatible infill construction and will be designed to meet the Secretary of the Interior Standards.</li> </ul>
	<b>Castle Sub-Basement Expansion:</b> A new sub-basement will be excavated beneath the existing basement level. Sub-basement will provide loading, utility, and building support. The footprint of the proposed expansion varies by alternative.	<i>No effect.</i>	No sub-basement is proposed. Existing service connection tunnel to the Quad will remain. <b>No adverse effect.</b>	Sub-basement excavation is limited to the east and west Castle ranges and wings. <b>No adverse effect.</b>	Sub-basement excavation will include entire Castle and will require extensive structural bracing. <b>Adverse effect.</b>	Sub-basement excavation is limited to the west range and wing. <b>No adverse effect.</b>	<ul style="list-style-type: none"> <li>Excavation beneath the Castle is necessary for the functionality of the central delivery of goods, services, handling of trash and recycling, and museum exhibit delivery.</li> <li>Expanded sub-basement area will require additional egress through connecting buildings.</li> <li>Excavation will be monitored to ensure safety of building during implementation.</li> </ul>
	<b>Visitor Center Entrance:</b> A new means of entrance and egress from the below-grade Visitor Center is proposed in several alternatives.	<i>No effect.</i>	No new entrance is proposed. Quad pavilions will continue to serve as entrances to below-grade facilities. <b>No adverse effect.</b>	Removal of the Ripley Pavilion may require a new entrance adjacent to Castle. <b>Effect to be determined.</b>	Below-grade "dip" entrance to Visitor Center will adversely affect setting and character of Castle. <b>Adverse effect.</b>	Visitor Center entrance will be provided in below-grade court located to the south of the Castle. <b>No adverse effect.</b>	<ul style="list-style-type: none"> <li>In Alternative F, the adverse effect of a visible grade change has been avoided by reducing the size of the entrance and limiting its visibility from the south.</li> </ul>
<b>Arts &amp; Industries Building (AIB)</b> DC, NR, NHL, Contributing building to Mall HD and Quadrangle HD	<b>Reopen AIB for Public Circulation:</b> The non-historic east security door will be removed and AIB will be opened to allow interior east-west circulation.	<i>No effect.</i>	No alterations are proposed. <b>No adverse effect.</b>	Returning the east door to use will not adversely effect the character or integrity of AIB. <b>No adverse effect.</b>	Returning the east door to use will not adversely effect the character or integrity of AIB. <b>No adverse effect.</b>	Returning the east door to use will not adversely effect the character or integrity of AIB. <b>No adverse effect.</b>	<ul style="list-style-type: none"> <li>Undertaking is common to Alternatives B-F.</li> <li>Removing the non-historic security door will allow the extant historic door to be visible.</li> <li>While a permanent program is developed, SI will continue to utilize AIB for interim uses and special events.</li> </ul>

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<b>Arts &amp; Industries Building (AIB)</b> DC, NR, NHL, Contributing building to Mall HD and Quadrangle HD	<b>Remove Surface Parking Lot and Expand Ripley Garden:</b> The non-historic parking lot to the east of AIB will be removed, allowing for the expansion of the adjacent Ripley Garden.	<b>No effect.</b>	No alterations are proposed. <b>No adverse effect.</b>	Removing the parking lot and expanding the existing garden will not adversely effect the character or integrity of AIB. <b>No adverse effect.</b>	Removing the parking lot and expanding the existing garden will not adversely effect the character or integrity of AIB. <b>No adverse effect.</b>	Removing the parking lot and expanding the existing garden will not adversely effect the character or integrity of AIB. <b>No adverse effect.</b>	<ul style="list-style-type: none"> <li>Undertaking is common to Alternatives B-F.</li> </ul>
	<b>Central Utility Plant:</b> Unexcavated areas adjacent to the Quad will be excavated to create a central utility plant for the campus. The location and extent of excavation varies by alternative.	<b>No effect.</b>	No excavation or utility/loading connection are proposed. <b>Effect to be determined.</b>	Excavation will require structural underpinning to be performed on west side of AIB foundations. <b>Effect to be determined.</b>	Excavation will require structural underpinning to be performed on west side of AIB foundations. <b>Effect to be determined.</b>	Excavation will require structural underpinning to be performed on west side of AIB foundations. <b>Effect to be determined.</b>	<ul style="list-style-type: none"> <li>Excavation may require structural underpinning to AIB.</li> <li>Excavation will be monitored to ensure safety of AIB during implementation.</li> <li>Effects will be further evaluated at time of project design.</li> </ul>
<b>Hirshhorn Museum &amp; Sculpture Garden</b> Determined eligible for NR Contributing building to Mall HD	<b>Hirshhorn Building Renovation:</b> Hirshhorn building, plaza, and sculpture garden will be renovated.	Without treatment, building envelope and site will continue to deteriorate. <b>Adverse effect.</b>	Renovation will not affect character or integrity of site. <b>No adverse effect.</b>	Renovation will not affect character or integrity of site. <b>No adverse effect.</b>	Renovation will not affect character or integrity of site. <b>No adverse effect.</b>	Renovation will not affect character or integrity of site. <b>No adverse effect.</b>	<ul style="list-style-type: none"> <li>Renovation of the Hirshhorn building and plaza is common to all alternatives. Adverse effects caused by the reconfiguration of the sculpture garden in Alternatives D and F are addressed separately.</li> <li>Undertaking will be designed to meet the Secretary of the Interior Standards.</li> <li>Any interim changes to the plaza or sculpture garden will undergo separate review.</li> </ul>
	<b>Hirshhorn Sculpture Garden Walls:</b> Perimeter sculpture garden walls will be restored.	<b>No effect.</b>	Walls will be repaired in kind. <b>No Adverse Effect.</b>	Walls will be repaired in kind. <b>No Adverse Effect.</b>	Walls will be repaired in kind. <b>No Adverse Effect.</b>	Walls will be repaired in kind. <b>No Adverse Effect.</b>	<ul style="list-style-type: none"> <li>Undertaking is common to all alternatives.</li> <li>Repairs to walls are necessary to prevent further deterioration of their condition and appearance.</li> </ul>
	<b>Hirshhorn Plaza Walls:</b> Portions of the plaza walls will be removed to allow a direct pedestrian connection to AIB and the Ripley Garden.	<b>No effect.</b>	No alterations are proposed. <b>No adverse effect.</b>	Small opening and gate will be inserted on the west plaza wall. <b>Adverse effect.</b>	Portions of the north, west, and east plaza walls will be removed. <b>Adverse effect.</b>	Small opening and gate will be inserted on the west plaza wall. <b>Adverse effect.</b>	<ul style="list-style-type: none"> <li>Opening improves east-west circulation across the campus by providing a direct pedestrian link between the AIB, Ripley Garden, and Hirshhorn Plaza.</li> <li>Minor adverse effect in Alternatives B and F has been minimized by limiting the opening to the dimension of the proposed east-west pedestrian link.</li> </ul>
	<b>Hirshhorn Plaza Tunnel:</b> A direct pedestrian connection between the Hirshhorn plaza and sculpture garden beneath Jefferson Drive will be restored or replaced. Degree of intervention varies by alternative.	<b>No effect.</b>	No alterations are proposed. <b>No adverse effect.</b>	Tunnel would be reopened and restored to its original configuration. <b>No adverse effect.</b>	Tunnel will be reopened, expanded, and reconfigured, resulting in a loss of historic fabric. <b>Adverse effect.</b>	Tunnel will be reopened, expanded, and reconfigured, resulting in a loss of historic fabric. <b>Adverse effect.</b>	<ul style="list-style-type: none"> <li>The tunnel is an original feature of the Hirshhorn site. It is currently enclosed and serves as an education facility.</li> </ul>



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<b>Hirshhorn Museum &amp; Sculpture Garden</b> <i>Determined eligible for NR Contributing building to Mall HD</i>	<b>New Galleries Beneath Sculpture Garden:</b> In Alternatives D-F, the interior walls of the sculpture garden will be reconfigured to allow for high-ceilinged galleries below.	<b>No effect.</b>	Sculpture garden will be retained in its current configuration. <b>No adverse effect.</b>	Sculpture garden will be retained in its current configuration. <b>No adverse effect.</b>	Existing sculpture garden elements will be removed and replaced with a new sculpture garden and galleries below. <b>Adverse effect.</b>	Existing sculpture garden elements will be removed and replaced with a new sculpture garden and galleries below. <b>Adverse effect.</b>	<ul style="list-style-type: none"> <li>The new sculpture garden proposed in Alternatives D and F will remain below the grade of the Mall. A majority of the existing perimeter walls will be retained.</li> <li>Any interim changes to the sculpture garden will undergo separate review.</li> </ul>
	<b>Perimeter Security:</b> Perimeter security elements will be installed around the South Mall Campus.	<b>No effect.</b>	Perimeter security has the potential to adversely affect the character of the Mall, including the relationship of buildings to the surrounding landscapes. <b>Effect to be determined.</b>	Perimeter security has the potential to adversely affect the character of the Mall, including the relationship of buildings to the surrounding landscapes. <b>Effect to be determined.</b>	Perimeter security has the potential to adversely affect the character of the Mall, including the relationship of buildings to the surrounding landscapes. <b>Effect to be determined.</b>	Perimeter security has the potential to adversely affect the character of the Mall, including the relationship of buildings to the surrounding landscapes. <b>Effect to be determined.</b>	<ul style="list-style-type: none"> <li>NCPC granted preliminary approval for a Mall-wide building perimeter security for SI museums in 2004. South Mall Master Plan design will be adapted from that plan.</li> <li>Perimeter security elements will be integrated into hardened landscape features to the greatest degree possible.</li> <li>Perimeter security is common to all alternatives.</li> <li>Effects will be further evaluated at time of project design.</li> </ul>
<b>National Mall HD DC, NR</b> <i>Includes contributing Quadrangle building</i>	<b>Replace Quadrangle Roof Membrane:</b> Quadrangle roof membrane will be replaced.	Without treatment, Quad roof membrane will continue to deteriorate, posing danger to building and collections. <b>Adverse effect.</b>	Replacement of the roof membrane will not adversely effect the contributing Quad building. <b>No adverse effect.</b>	Replacement of the roof membrane will not adversely effect the contributing Quad building. <b>No adverse effect.</b>	Replacement of the roof membrane will not adversely effect the contributing Quad building. <b>No adverse effect.</b>	Replacement of the roof membrane will not adversely effect the contributing Quad building. <b>No adverse effect.</b>	<ul style="list-style-type: none"> <li>Undertaking is common to all alternatives.</li> <li>Replacement of roof membrane is necessary to protect Quadrangle and its collections.</li> </ul>
	<b>Reconfigure Haupt Garden:</b> In coordination with roof membrane replacement, the Haupt Garden will be reconfigured to accommodate new Quad museum and Visitor Center access. Degree of intervention varies by alternative.	<b>No effect.</b>	Haupt Garden features will be replaced in kind following roof membrane replacement. <b>No adverse effect.</b>	Haupt Garden features will be replaced in kind following roof membrane replacement. <b>No adverse effect.</b>	Haupt Garden will be substantially reconfigured. Removal of Haupt Garden features will adversely affect character and integrity of the contributing Quad building. <b>Adverse effect.</b>	Haupt Garden will be reconfigured, although certain elements will be replaced in kind. Removal of Haupt Garden features will adversely affect character and integrity of the contributing Quad building. <b>Adverse effect.</b>	<ul style="list-style-type: none"> <li>Adverse effect has been minimized in Alternative F by retaining the garden-like quality of the existing Haupt Garden.</li> <li>Effects will be further evaluated at time of project design.</li> </ul>

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<b>Direct Effects - Within Project Area</b>							
<b>National Mall</b> HD DC, NR  <i>Includes contributing Quadrangle building</i>	<b>Remove Loading Ramp/ Expand Garden:</b> In Alternatives B-F, the existing loading ramp will be removed and a new ramp installed adjacent to the Freer Gallery.	<b>No effect.</b>	Existing loading ramp will remain. <b>No adverse effect.</b>	Loading ramp will be removed and garden will be expanded into this area. <b>No adverse effect.</b>	Loading ramp will be removed and garden will be expanded into this area. <b>No adverse effect.</b>	Loading ramp will be removed and garden will be expanded into this area. <b>No adverse effect.</b>	<ul style="list-style-type: none"> <li>Removal of the loading dock in Alternatives B-F will not adversely affect the contributing Quad building.</li> </ul>
	<b>Ripley Pavilion:</b> In Alternatives B-F, the Ripley Pavilion will be removed to allow construction of a consolidated loading facility.	<b>No effect.</b>	Ripley Pavilion will remain. <b>No adverse effect.</b>	Removal of the Ripley Pavilion will adversely affect the contributing Quad building. <b>Adverse Effect.</b>	Removal of the Ripley Pavilion will adversely affect the contributing Quad building. <b>Adverse Effect.</b>	Removal of the Ripley Pavilion will adversely affect the contributing Quad building. <b>Adverse Effect.</b>	<ul style="list-style-type: none"> <li>Removal of the Ripley Pavilion will restore historic, reciprocal views between the Quad and Mall.</li> <li>A new exit will be constructed to the south of the Castle to meet egress requirements.</li> </ul>
	<b>Central Utility Plant:</b> Unexcavated areas adjacent to the Quad will be excavated to create a central utility plant for the campus. The location and extent of excavation varies by alternative.	<b>No effect.</b>	No excavation or central utility plan is proposed. <b>No adverse effect.</b>	In Alternative B, the plant will be located in the unexcavated area between the Quad and AIB. <b>Effect to be determined.</b>	In Alternative D, the plant will be located in the sub-basement beneath the Castle. <b>Effect to be determined.</b>	In Alternative F, the plant will be located in the unexcavated area between the Quad and AIB. <b>Effect to be determined.</b>	<ul style="list-style-type: none"> <li>Excavation will require structural underpinning.</li> <li>Exhaust and intake vents will be integrated into the Haupt Garden landscape.</li> <li>Effects will be further evaluated at time of project design.</li> </ul>
	<b>Quad Museum Pavilions:</b> The pavilions will be reconfigured or replaced with new pavilions. Degree of intervention varies by alternative.	<b>No effect.</b>	No reconfiguration of the museum pavilions is proposed. <b>No adverse effect.</b>	Museum entrances will be reoriented to existing openings in the north walls of the museum pavilions. <b>No adverse effect.</b>	Museum pavilions will be removed and replaced with new pavilions further to the north. Removal of pavilions will adversely affect the contributing Quad building. <b>Adverse effect.</b>	Museum pavilions will be removed and replaced with new pavilions further to the north. Removal of pavilions will adversely affect the contributing Quad building. <b>Adverse effect.</b>	<ul style="list-style-type: none"> <li>In Alternatives D and F, relocation of the museum pavilions will allow for greater visibility from the Mall and significant improvement to the quality of the below-grade museum and circulation space.</li> <li>The existing above-grade egress and skylight structures will also be reconfigured in Alternatives D and F.</li> </ul>
	<b>Quad Skylights:</b> In Alternatives D and F, new skylights will be integrated into the Haupt Garden design to provide interior daylighting for the Quad museums and Visitor Center.	<b>No effect.</b>	No skylight alterations are proposed. <b>No adverse effect.</b>	No skylight alterations are proposed. <b>No adverse effect.</b>	New skylights will be integrated into Haupt Garden design. <b>Effect to be determined.</b>	New skylights will be integrated into Haupt Garden design. <b>Effect to be determined.</b>	<ul style="list-style-type: none"> <li>In Alternatives D and F, effects will be further evaluated at time of project design.</li> </ul>
<b>Quadrangle</b> HD DC	The Freer Gallery, Smithsonian Institution Building, Arts and Industries Building, and Quadrangle are contributing buildings to the Quadrangle HD. These buildings also all contribute to the Mall HD. All direct effects described above for the Mall HD and its contributing buildings also apply to the Quadrangle HD. There are no indirect adverse effects on the Quadrangle HD.						

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<b>Direct Effects - Within Project Area</b>							
Plan of the City of Washington (L'Enfant Plan) DC, NR	<b>All Plan Components:</b> The Master Plan proposes no major alterations to contributing streets and avenues within the project area.	<b>No effect.</b>	<b>No adverse effect.</b>	<b>No adverse effect.</b>	<b>No adverse effect.</b>	<b>No adverse effect.</b>	<ul style="list-style-type: none"> <li>Independence Avenue, Twelfth Street, Seventh Street, and Jefferson Drive are contributing elements to the Plan of the City of Washington.</li> <li>Adverse effect has been avoided by removing alterations to Jefferson Drive and Independence Avenue from all Alternatives.</li> </ul>
Potential Archaeological Resources	<b>Plan Excavation:</b> Excavation is proposed for new loading, sub-basement, and utility plant facilities. Degree of intervention varies by alternative.	<b>No effect.</b>	No excavation is proposed. <b>No adverse effect.</b>	Areas of excavation have the potential to impact previously undiscovered archaeological resources. <b>Effect to be determined.</b>	Areas of excavation have the potential to impact previously undiscovered archaeological resources. <b>Effect to be determined.</b>	Areas of excavation have the potential to impact previously undiscovered archaeological resources. <b>Effect to be determined.</b>	<ul style="list-style-type: none"> <li>The site has been extensively disturbed and has minimal potential for archaeological resources.</li> <li>Programmatic Agreement will include stipulations for previously undiscovered archaeological resources.</li> </ul>
<b>Indirect Effects - Within Area of Potential Effects</b>							
Plan of the City of Washington (L'Enfant Plan) DC, NR	<b>Grade Changes Across Project Area:</b> Existing grades in the Hirshhorn Sculpture Garden and Haupt Garden will be modified to varying degrees across the alternatives.	<b>No effect.</b>	No major above-grade changes are proposed. <b>No adverse effect.</b>	No major above-grade changes are proposed. <b>No adverse effect.</b>	New Quad museum pavilions, sunken Visitor Center entrance, and modified sculpture garden will not affect contributing vistas. <b>No adverse effect.</b>	New Quad museum pavilions and modified sculpture garden will not affect contributing vistas. <b>No adverse effect.</b>	<ul style="list-style-type: none"> <li>The new sculpture garden proposed in Alternatives D and F will remain below grade of Mall.</li> </ul>
National Mall HD DC, NR	<b>Hirshhorn Sculpture Garden Alterations:</b> In Alternatives D-F, portions of the Hirshhorn Sculpture Garden will be raised to create high-ceilinged galleries below.	<b>No effect.</b>	No substantial alterations to the sculpture garden are proposed. <b>No adverse effect.</b>	No substantial alterations to the sculpture garden are proposed. <b>No adverse effect.</b>	Modifying the sculpture garden has the potential to affect the east-west Mall viewshed. <b>Effects to be determined.</b>	Modifying the sculpture garden has the potential to affect the east-west Mall viewshed. <b>Effects to be determined.</b>	<ul style="list-style-type: none"> <li>The new sculpture garden proposed in Alternatives D and F will remain below grade of Mall.</li> <li>Effects will be further evaluated at time of project design, to assess the visibility of the proposed changes from these locations.</li> </ul>
	<b>Remove Loading Ramp/ Expand Garden:</b> In Alternatives B-F, the existing loading ramp will be removed and a new ramp installed adjacent to the Freer Gallery.	<b>No effect.</b>	Existing Quad loading dock would be retained. <b>No adverse effect.</b>	The new loading dock ramp will be only minimally visible from the Mall. <b>No adverse effect.</b>	The new loading dock ramp will be only minimally visible from the Mall. <b>No adverse effect.</b>	The new loading dock ramp will be only minimally visible from the Mall. <b>No adverse effect.</b>	<ul style="list-style-type: none"> <li>Beyond the potential direct effects to the contributing Freer Gallery described above, there will be no adverse effects on the Mall HD.</li> <li>The new loading ramp has no potential to alter the principal, east-west Mall viewshed.</li> </ul>
	<b>Quad Pavilion Reconfiguration or Replacement</b>	<b>No effect.</b>	No reconfiguration of the museum pavilions is proposed. <b>No adverse effect.</b>	Only a minor reconfiguration of the museum pavilions is proposed. <b>No adverse effect.</b>	Replacement of these pavilions will not negatively affect designated historic views within the Mall. <b>No adverse effect.</b>	Replacement of these pavilions will not negatively affect designated historic views within the Mall. <b>No adverse effect.</b>	

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Washington Monument and Grounds HD DC, NR	<b>Grade Changes Across Project Area:</b> Existing grades in the Hirshhorn Sculpture Garden and Haupt Garden will be modified to varying degrees across the alternatives.	<b>No effect.</b>	No major above-grade changes are proposed. <b>No adverse effect.</b>	Alternative B proposes limited above-ground changes. <b>No adverse effect.</b>	Alternative D proposes grade changes in the Haupt Garden and a higher elevation for the sculpture garden. Changes will be minimally visible from the Monument Grounds. <b>No adverse effect.</b>	Alternative F proposes a higher elevation for the sculpture garden. Changes will be minimally visible from the Monument Grounds. <b>No adverse effect.</b>	<ul style="list-style-type: none"> <li>In Alternatives B-F, removal of the Ripley Pavilion will restore the viewshed between the Monument and South Yard.</li> <li>In Alternatives B-F, the loading ramp adjacent to the Freer Gallery will be minimally visible from the Monument Grounds.</li> </ul>
Federal Triangle HD DC, DOE  Pennsylvania Avenue NHS DC, NR	<b>All Plan Components</b>	<b>No effect.</b>	No major above-grade changes are proposed. <b>No adverse effect.</b>	Projects proposed under all alternatives will be minimally visible and have no potential to adversely affect surrounding historic resources. <b>No adverse effect.</b>	Projects proposed under all alternatives will be minimally visible and have no potential to adversely affect surrounding historic resources. <b>No adverse effect.</b>	Projects proposed under all alternatives will be minimally visible and have no potential to adversely affect surrounding historic resources. <b>No adverse effect.</b>	<ul style="list-style-type: none"> <li>A small portion of the APE overlaps with these historic districts, drawn to incorporate the Ninth Street viewshed.</li> </ul>
Individually Designated Historic Resources See APE for complete list	<b>All Plan Components</b>	<b>No effect.</b>	Projects proposed will be minimally visible and have no potential to adversely affect surrounding historic resources. <b>No adverse effect.</b>	Visibility of the proposed alterations under will be determined at the time of the project. <b>Effect to be determined.</b>	Visibility of the proposed alterations under will be determined at the time of the project. <b>Effect to be determined.</b>	Visibility of the proposed alterations under will be determined at the time of the project. <b>Effect to be determined.</b>	<ul style="list-style-type: none"> <li>Effects will be further evaluated at time of project design, to assess the visibility of the proposed changes from these locations. If adverse effects do result, they will be minor.</li> </ul>