

# A G E N D A

August 4, 2015, 2:00 p.m.-4:00 p.m., Trust for the National Mall Headquarters

## **Section 106 Consulting Parties Meeting for the Constitution Gardens Rehabilitation**

### **Welcome and Introductions**

#### **Presentation**

- Project update
- Assessment of Effects
- Evaluation of Adverse Effects
- Memorandum of Agreement

### **Schedule and Next Steps**























VIEW INTO GARDEN ALONG CONSTITUTION AVENUE





VIEW INTO GARDEN ALONG CONSTITUTION AVENUE



AXIS TO WWII MEMORIAL FROM CONSTITUTION AVE





AXIS TO WWII MEMORIAL FROM CONSTITUTION AVE





PHASE 1 – LOCKKEEPER'S HOUSE RELOCATION AND RENOVATION





PHASE 1 – LOCKKEEPER'S HOUSE RELOCATION AND RENOVATION





PHASE 1 – LOCKKEEPER'S HOUSE RELOCATION AND RENOVATION



Resource	Features	No Action Alternative	Preferred Alternative: Regenerative Garden	Alternative 1: Ecological Garden	Alternative 2: Social Garden
CULTURAL LANDSCAPES					
Constitution Gardens Cultural Landscape	Spatial Organization				
	Street trees and border of trees	<i>No effect</i>	Street trees would remain and the garden with its rolling terrain would be separated from the street by a 18-inch retaining wall. Border of lindens (south of the walk) could be removed since trees are not in good or fair condition. <i>No adverse effect.</i>	Street trees would remain and the garden with its rolling terrain would be separated from the street by a 30-inch retaining wall. Border of lindens (south of the walk) could be removed since trees are not in good or fair condition. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
	Open central area	<i>No effect</i>	The open central area of the gardens would be retained. <i>No adverse effect.</i>	The open central area of the gardens would be retained. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
	Topography				
	Flood control levee	<i>No effect</i>	No change from this project. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
	Gentle slopes	<i>No effect</i>	The gently rolling topography would be retained to maintain a smooth rolling surface, but re-grading would occur to restore character. <i>No adverse effect.</i>	The gentle, rolling topography would be altered by amplifying the height and slopes with 8-10 feet of soil. <i>Adverse effect.</i>	The gently rolling topography would be retained to maintain a smooth rolling surface but the height would be increased by 4-6 feet. <i>Adverse effect.</i>
	Plateau at Overlook Terrace	<i>No effect</i>	The Plateau at Overlook Terrace would be removed and replaced with a pavilion. Overlook function would be retained with pavilion overlook deck and events terrace to the east. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
	Western knoll	<i>No effect</i>	The Western Knoll would be retained, but would be slightly re-graded to restore historic character. <i>No adverse effect.</i>	The Western Knoll would be removed and replaced with a number of amplified hills. <i>Adverse effect.</i>	Retained but height increased 4–6 feet. <i>Adverse effect.</i>
	North berm	<i>No effect</i>	The North berm would be retained, but would be slightly re-graded to restore historic character and accommodate proposed 18-inch retaining wall. <i>No adverse effect.</i>	The height of the Northern Berm would be increased 8-10 feet and the entrance widened. <i>Adverse effect.</i>	Retained but height increased 4–6 feet. <i>Adverse effect.</i>
	Low central area occupied by lake	<i>No effect</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>
	Slope and cut at the Vietnam Veterans Memorial	<i>No effect</i>	No change <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>

Resource	Features	No Action Alternative	Preferred Alternative: Regenerative Garden	Alternative 1: Ecological Garden	Alternative 2: Social Garden
Constitution Gardens Cultural Landscape	Land Use <i>(Note: Citizenship and other ceremonies will continue to occur throughout the National Mall)</i>				
	Passive recreation	<i>No effect</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>
	Visiting the memorials	<i>No effect</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>
	Ceremonies at the Vietnam Veterans Memorial	<i>No effect</i>	Increased visitation and changes in setting may have an effect on the memorial. <i>Potential for adverse effect.</i>	Same as preferred alternative. <i>Potential for adverse effect.</i>	Same as preferred alternative. <i>Potential for adverse effect.</i>
	Demonstrations	<i>No effect</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>
	Citizenship ceremony at the Overlook Terrace	<i>No effect</i>	Overlook Terrace would be replaced with the pavilion. This would require a change in the setting. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
	Circulation				
	Overlook Terrace	<i>No effect</i>	Removed and replaced with a pavilion. <i>Adverse effect.</i>	Removed and replaced with a pavilion. <i>Adverse effect.</i>	Removed and replaced with a pavilion. <i>Adverse effect.</i>
	Loop walk around the lake	<i>No effect</i>	Path location would remain the same, but it would be streamlined and widened from 14 to 20 feet along entire path. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
	Loop walk around west end and the Vietnam Veterans Memorial	<i>No effect</i>	Path location would remain the same, but it would be streamlined and widened from 14 to 20 feet along entire path. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
	Secondary walks over slopes	<i>No effect</i>	These paths would be reconstructed and in some cases streamlined with improved connections at intersections. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
	Walks parallel to stairs	<i>No effect</i>	Alignment would be retained as part of pavilion design. <i>No adverse effect.</i>	Parallel walks would be revised as part of pavilion design. <i>Adverse effect.</i>	Parallel walks would be revised as part of pavilion design. <i>Adverse effect.</i>
	Diagonal walk, northeast corner of Overlook Terrace	<i>No effect</i>	Alignment would be retained. <i>No adverse effect.</i>	Diagonal walk would be revised. <i>Adverse effect.</i>	Diagonal walk would be revised. <i>Adverse effect.</i>
	Walk south, Overlook Terrace to World War II Memorial	<i>No effect</i>	Alignment would be retained, but the path would be widened to 20 feet. <i>Adverse effect.</i>	Alignment would be retained, but the path would be widened to 20 feet. <i>Adverse effect.</i>	Alignment would be retained, but the path would be widened to 20 feet. <i>Adverse effect.</i>



Resource	Features	No Action Alternative	Preferred Alternative: Regenerative Garden	Alternative 1: Ecological Garden	Alternative 2: Social Garden
Constitution Gardens Cultural Landscape	Walk north, Overlook Terrace to Constitution Avenue	<i>No effect</i>	Alignment would be retained, but the path would be widened to 20 feet. <i>Adverse effect.</i>	Alignment would be retained, but the path would be widened to 20 feet. <i>Adverse effect.</i>	Alignment would be retained, but the path would be widened to 20 feet. <i>Adverse effect.</i>
	Two sidewalks along Constitution Avenue	<i>No effect</i>	Retained, entrance to park expanded to 75 feet wide with two paths entering the garden, each 15 feet wide, instead of one. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
	Sidewalk along 17 <sup>th</sup> Street	<i>No effect</i>	Alignment would be retained. <i>No adverse effect.</i>	Alignment would be retained. <i>No adverse effect.</i>	Alignment would be retained. <i>No adverse effect.</i>
	Service Drive	Does not exist. <i>No effect.</i>	Creation of new underground service access drive may result in adverse visual impacts from 17 <sup>th</sup> Street. <i>Adverse effect.</i>	Does not exist. <i>No adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
	Vegetation				
	Deciduous trees	<i>No effect</i>	Wooded park with a mixed, mature canopy of shade trees; remove trees in poor condition and fewer trees in fair condition; close to or replicating today's massing and canopy. <i>Adverse effect.</i>	Wooded park, but primarily mixed canopy of young trees, not providing as much shade and altering the massing and canopy. Most mature trees would be removed or relocated to improve soils. Trees would replace or exceed current number. <i>Adverse effect.</i>	Wooded park with mixed mature canopy of shade trees, saving hundreds of trees that are in good to fair condition and removing trees in poor and some trees in fair condition, somewhat altering the massing and canopy. Remove or relocate mature trees affected by construction. Replace trees to approximate existing number. <i>Adverse effect.</i>
	Honey locust trees at Overlook Terrace	<i>No effect</i>	Removed and replaced with a pavilion. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
	Honey locust trees around refreshment terrace	<i>No effect</i>	Removed. Trees in asphalt areas would also be removed and not replaced. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
	Magnolias, Memorial to the 56 Signers of the Declaration of Independence	<i>No effect</i>	Preserved in place whenever possible. <i>No adverse effect.</i>	Removed and replace. <i>Adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
	Remnant plantings, Memorial to the 56 Signers of the Declaration of Independence	<i>No effect</i>	Preserved in place whenever possible. <i>No adverse effect.</i>	Some removed and replaced with perimeter wall. <i>Adverse effect.</i>	Removed. <i>Adverse effect.</i>

Resource	Features	No Action Alternative	Preferred Alternative: Regenerative Garden	Alternative 1: Ecological Garden	Alternative 2: Social Garden
Constitution Gardens Cultural Landscape	Street trees	<i>No effect</i>	Remain in place except for area that will include new service entrance. <i>Adverse effect.</i>	Street trees would remain and the gardens with its rolling terrain would be separated from the street by a 30-inch retaining wall; border of lindens (south of the walk) could be removed since trees are not in good or fair condition. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
	Lawns	<i>No effect</i>	Approximately 64% lawn, 12% meadow, and 24% woodland understory. <i>No adverse effect.</i>	Primarily meadow and woodland Understory planting approximately 24” maximum height. The meadows would be mowed to function as lawns. <i>Adverse effect.</i>	Understory vegetation will remain mowed lawn with some shrub and bulb planting. <i>No adverse effect.</i>
	Buildings and Structures				
	Refreshment Kiosk	<i>No effect</i>	Adaptively reused in place for operations or volunteers. Will comply with <i>Secretary of the Interior's Standards</i> . <i>No adverse effect.</i>	Removed. <i>Adverse effect</i>	Same as preferred alternative. <i>No adverse effect.</i>
	Comfort station	<i>No effect</i>	No change (outside of project scope). <i>No adverse effect.</i>	No change (outside of project scope). <i>No adverse effect.</i>	No change (outside of project scope). <i>No adverse effect.</i>
	Constitution Gardens Island	<i>No effect</i>	Shape would be retained; a perimeter path and second access path would be added; fishing would be allowed. <i>No adverse effect.</i>	Shape retained, a perimeter path would be added and fishing would be allowed. <i>No adverse effect.</i>	Shape would be retained; a perimeter path and second access path would be added; fishing would be allowed. <i>No adverse effect.</i>
	Memorial to the 56 Signers of the Declaration of Independence	<i>No effect</i>	Memorial would be rehabilitated, which would include resetting all the stonework and replacing vegetation where needed; accessibility would be improved by adding a perimeter path and second access path. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
	Lockkeeper’s House	Continued deterioration of the Lockkeeper's House in its current location would result in an adverse effect on the cultural landscape. <i>Adverse effect.</i>	The Lockkeeper’s House would be relocated 18 feet to the south and 5 feet to the west and rehabilitated. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	The Lockkeeper’s House would be relocated 500 feet to the southwest and rehabilitated. <i>Adverse effect.</i>
	Overlook Terrace and three terraces	<i>No effect</i>	Removed. <i>Adverse effect.</i>	Removed. <i>Adverse effect.</i>	Removed. <i>Adverse effect.</i>
	Vietnam Veterans Memorial	<i>No effect</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>
	Three Servicemen Statue	<i>No effect</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>



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Constitution Gardens Cultural Landscape	Vietnam Veterans Memorial	<i>No effect</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>
	Three Servicemen Statue	<i>No effect</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>
	Vietnam Women’s Memorial	<i>No effect</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>
	Views and vistas				
	Vistas from park to Washington Monument	<i>No effect</i>	Altered by the inclusion of the pavilion. <i>Adverse effect.</i>	Altered by the inclusion of the pavilion. <i>Adverse effect.</i>	Altered by the inclusion of the pavilion. <i>Adverse effect.</i>
	Vista from Vietnam Veterans Memorial to Washington Monument	<i>No effect</i>	No change. <i>No adverse effect.</i>	Vista would be altered by amplifying the height and slopes with 8-10 feet of soil. <i>Adverse effect.</i>	Vista would be altered by amplifying the height and slopes with 4-6 feet of soil. <i>Adverse effect.</i>
	Views to reflecting pool area	<i>No effect</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>
	Vistas to Lincoln Memorial	<i>No effect</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>
	Vistas to buildings north of Constitution Avenue	<i>No effect</i>	No change. <i>No adverse effect.</i>	Vista would be altered by amplifying the height and slopes with 8-10 feet of soil. <i>Adverse effect.</i>	Vista would be altered by amplifying the height and slopes with 4-6 feet of soil. <i>Adverse effect.</i>
	View from Virginia Avenue to Washington Monument	<i>No effect</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect.</i>
	Vistas to the Vietnam Veterans Memorial	<i>No effect</i>	No change. <i>No adverse effect.</i>	Vista would be altered by amplifying the height and slopes with 8-10 feet of soil. <i>Adverse effect.</i>	Vista would be altered by amplifying the height and slopes with 4-6 feet of soil. <i>Adverse effect.</i>
	Views from Overlook Terrace	<i>No effect</i>	Views would be altered by the construction of the pavilion, which would alter the vantage point, and the addition of the ring in the lake; pavilion overlook deck and event terrace would provide similar views. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>

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Constitution Gardens Cultural Landscape	Internal views to lake	<i>No effect</i>	Internal views of the lake would be altered by the addition of the ring in the lake and the pavilion at the east end. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
	Internal views to island	<i>No effect</i>	Additional plantings may affect views. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
	Views to buildings on or near the mall	<i>No effect</i>	Views to the east may be altered by the addition of the pavilion. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
	Constructed Water Features				
	Constitution Gardens Lake	<i>No effect</i>	The shape of the island would be retained but a ring would be added to the east end. Lake would be excavated between 2 and 12 feet in depth and would have a non-concrete/natural bottom with a liner. Aquatic plants would be added along the shoreline. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
	Small-Scale Features				
	Cast iron and wood-slat benches	<i>No effect</i>	Site furnishing would be designed to complement the site context, be sustainable and easy to maintain. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
	Lighting	<i>No effect</i>	Lighting would be designed to complement the site context, be sustainable and easy to maintain. <i>No adverse effect</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
	Washington City Canal Memorial Stone, Plaque, and Mounting Block	<i>No effect</i>	These would be relocated along with the Lockkeeper’s House and used for interpretative purposes. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
	Vietnam Veterans Memorial flagpole, “In Memory” Plaque, lighting fixtures and locations	<i>No effect</i>	No change. <i>No adverse effect.</i>	No change. <i>No adverse effect</i>	No change. <i>No adverse effect</i>



Resource	Features	No Action Alternative	Preferred Alternative: Regenerative Garden	Alternative 1: Ecological Garden	Alternative 2: Social Garden
<b>BUILDINGS AND HISTORIC DISTRICTS</b>					
L'Enfant Plan Historic District		<i>No effect</i>	This alternative would not remove the park setting of Constitution Gardens, as specified for the area in the McMillan Plan. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
East West Potomac Parks Historic District		<i>No effect</i>	Two contributing features to the district would be altered: the 56 Signers Memorial and the Lockkeeper's House. The effects to the Lockkeeper's House are discussed below. The 56 Signers Memorial would be rehabilitated in-kind. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
Lockkeeper's House		Continued deterioration of the Lockkeeper's House in its current location would result in an adverse effect on the cultural landscape. <i>Adverse effect.</i>	The Lockkeeper's House would be relocated 18 feet to the south and 5 feet to the west and rehabilitated. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	The Lockkeeper's House would be relocated 500 feet to the southwest and rehabilitated. <i>Adverse effect.</i>
Northwest Rectangle Historic District		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
Seventeenth Street Historic District		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
The Washington Monument Grounds		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
National Mall Historic District		<i>No effect</i>	Two contributing features to the district would be altered: the 56 Signers Memorial and the Lockkeeper's House. The effects to the Lockkeeper's House are discussed below. The 56 Signers Memorial would be rehabilitated in-kind. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>

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President’s Park South		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
The White House		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
Federal Triangle and Pennsylvania Avenue National Historic Site		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
Auditor's Building Complex		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
Department of Agriculture (Administration Building)		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
Bureau of Engraving and Printing		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
Federal Reserve Board Building		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
Public Health Service (Department of Interior South Building)		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
National Academy of Sciences Building		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>



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The Pan American Union (Organization of American States) Building		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
<b>ARCHEOLOGICAL RESOURCES</b>					
Lockkeeper's House deposits (51NW233)		<i>No effect</i>	The topsoil would not be removed under this alternative but would be remediated in place. Underground utilities would be installed, including water cisterns. A basement would be added to the Lockkeeper's House. <i>Adverse effect.</i>	The vast majority of the topsoil in Constitution Gardens would be removed. Underground utilities would be installed, including water cisterns. A basement would be added to the Lockkeeper's House. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
Washington City Canal (unevaluated)		<i>No effect</i>	The topsoil would not be removed under this alternative but would be remediated in place. Underground utilities would be installed, including water cisterns. A stormwater system would be constructed across Constitution Avenue and 17th Street. <i>Adverse effect.</i>	The vast majority of topsoil would be removed, which would not extent to depths sufficient to impact the resource. A stormwater system would be constructed across Constitution Avenue and 17th Street, which would directly impact sections of the resource. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
Lock B of the Washington City Canal (51NW235)		<i>No effect</i>	The topsoil would not be removed under this alternative but would be remediated in place. Underground utilities would be installed, including water cisterns. A stormwater system would be constructed across Constitution Avenue and 17th Street. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
17th Street Wharf (unevaluated) (51NW232)		<i>No effect</i>	A storm water system would be constructed across Constitution Avenue and 17th Street. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
WWI and WWII Temporary Buildings (unevaluated)		<i>No effect</i>	The foundations of the temporary buildings cover most of the primary APE and are buried by several feet of fill. Deep construction impacts, including the deepening of the lake, construction of a basement for the Lockkeeper's House, underground utility construction, and construction of a pavilion on the east end of the lake could all impact this resource. <i>Adverse effect.</i>	The foundations of the temporary buildings would be removed entirely. <i>Adverse effect..</i>	Same as preferred alternative. <i>Adverse effect.</i>

Resource	Features	No Action Alternative	Preferred Alternative: Regenerative Garden	Alternative 1: Ecological Garden	Alternative 2: Social Garden
Outlet of the Tiber Creek sewer (unevaluated) (51NW234)		<i>No effect</i>	This resource is found under several feet of fill on the west side of 17th Street and underneath 17th Street. Stormwater and water system improvements may directly impact the resource, as may construction of a driveway leading to east concession stand area. <i>Adverse effect.</i>	The vast majority of the topsoil in Constitution Gardens would be removed. The soil removal would not extend to depths sufficient to impact the resource. The outlet of the Tiber Creek sewer could be <i>adversely affected</i> however by the construction of stormwater systems in the park and under 17th Street. <i>Adverse effect.</i>	Same as alternative 1. <i>Adverse effect.</i>
Washington Brewery (Coningham and Company) (not located)		<i>No effect</i>	The brewery remains have not been identified but likely are found underneath several feet of fill. Deep construction impacts, including construction of a basement for the Lockkeeper's House and underground utility construction could impact this resource. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>	Same as preferred alternative. <i>Adverse effect.</i>
Monument Grounds Site (51NW035) (unevaluated)		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
Commissioner's Wharf (H68) (not located)		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>
Washington City Gas Works (H69) (not located)		<i>No effect</i>	No change. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>	Same as preferred alternative. <i>No adverse effect.</i>