

National Desert Storm and Desert Shield Memorial

SECTION 106 CONSULTATION



November 12, 2019



Agenda

Introductions

Overview of Undertaking

Review of Project to Date

Memorial Design Concept

Discussion

Next Steps

Overview of Undertaking

Purpose of the Memorial

- ▶ To commemorate and honor members of the Armed Forces who served on active duty in support of Operation Desert Storm or Operation Desert Shield

Need for the Memorial

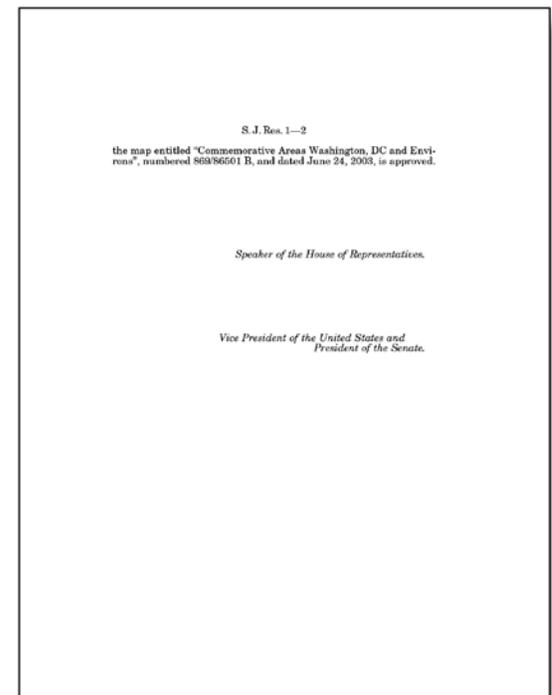
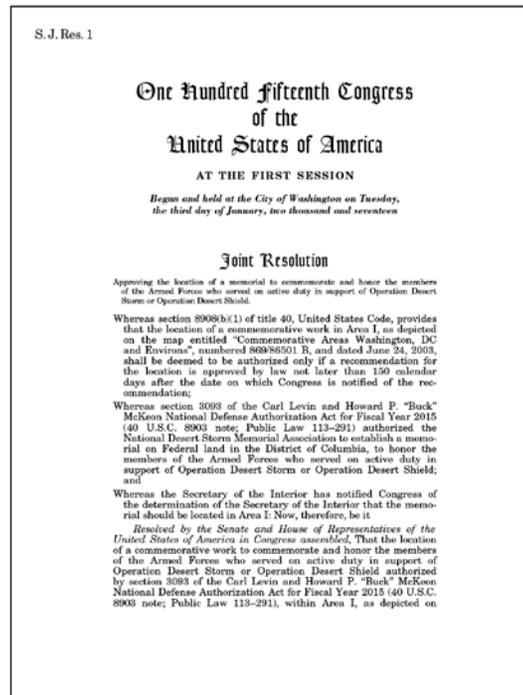
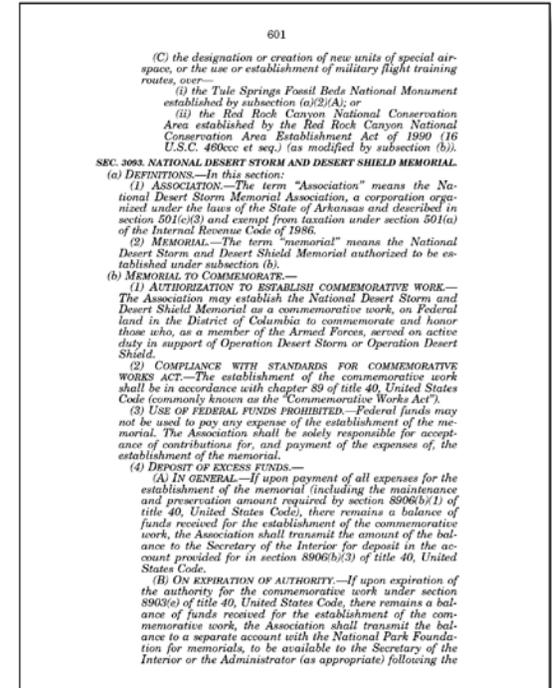
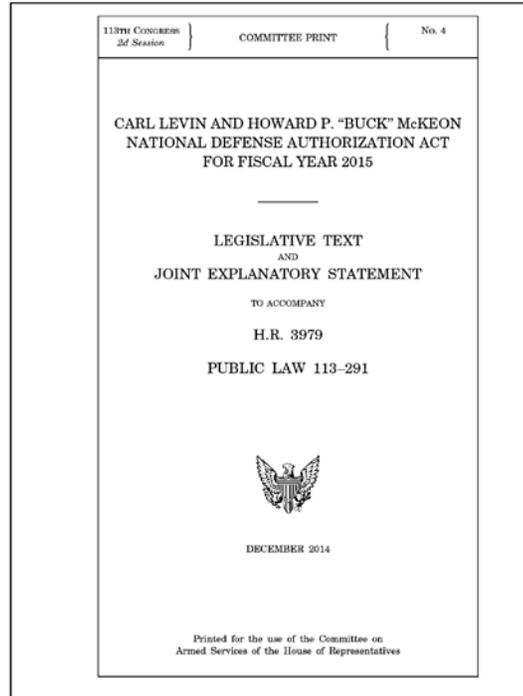
- ▶ To carry out Public Law 113-291 and address the current lack of a formal place for commemoration of those who served during Operation Desert Storm or Operation Desert Shield



Authorizing Legislation

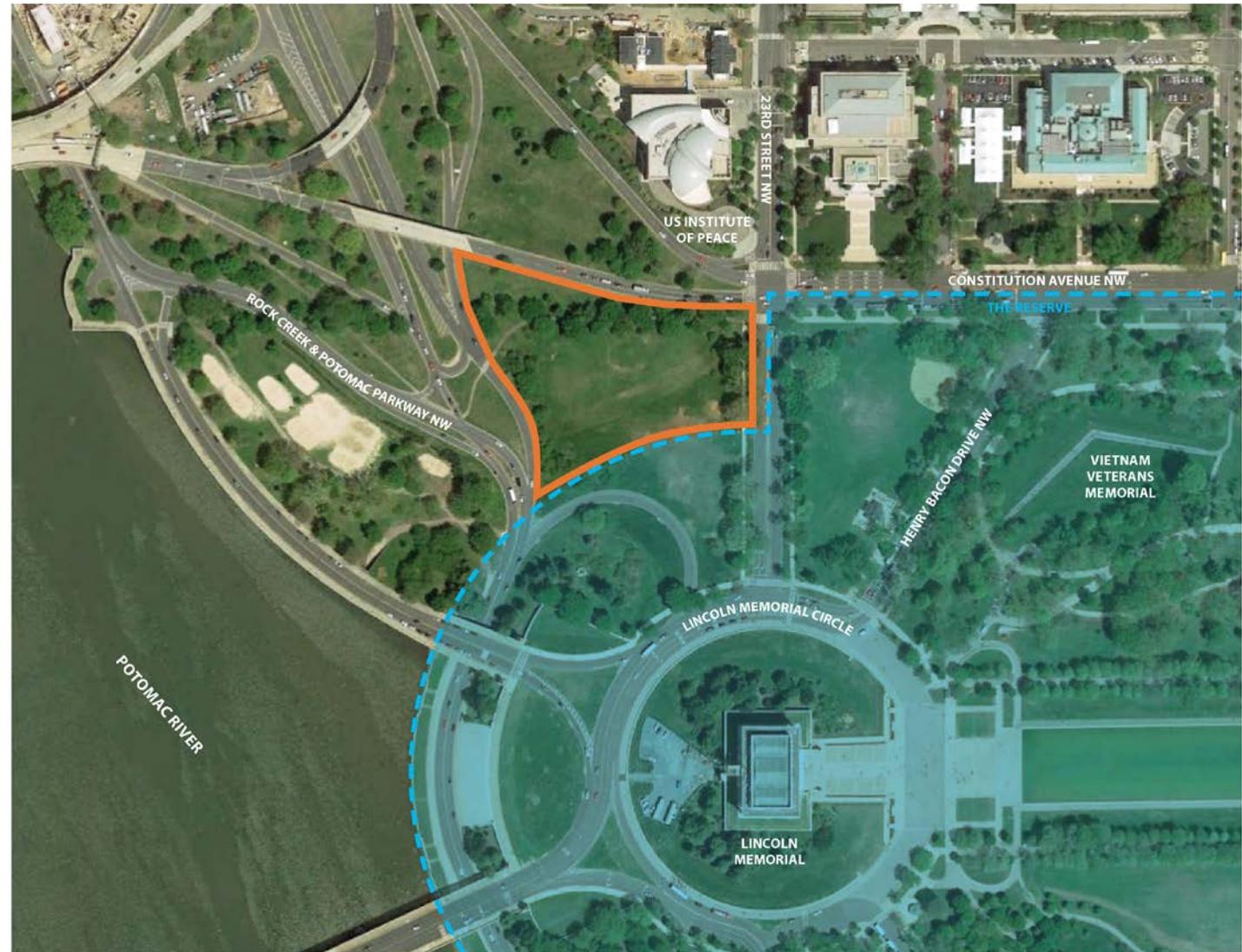
► In December 2014, Congress authorized establishment of the National Desert Storm and Desert Shield Memorial in Public Law 113-291 on Federal land in the District of Columbia

► In January 2017, Congress authorized the location of the commemorative work in Public Law 115-18 within Area I as defined under the Commemorative Works Act



Site Context

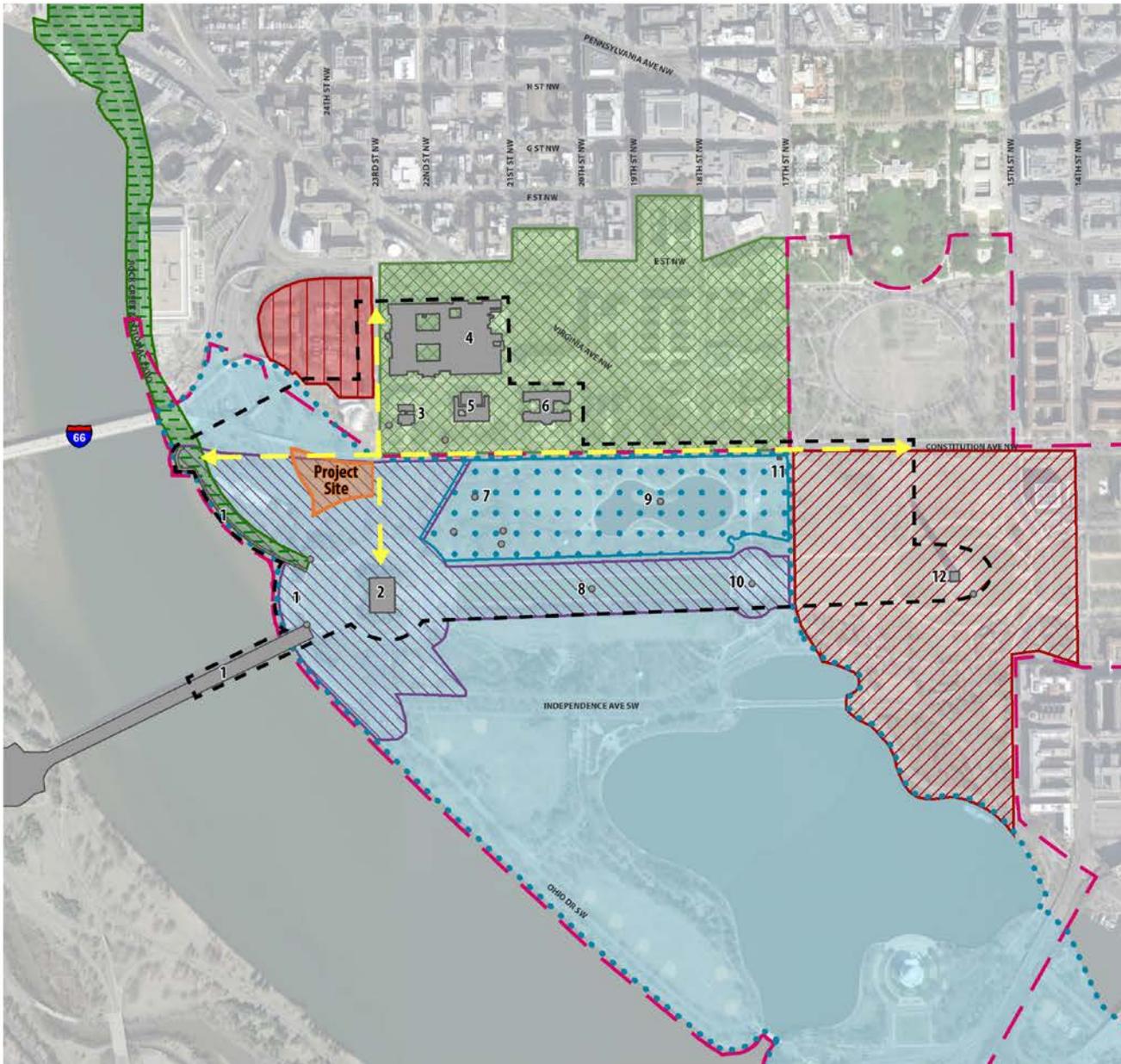
- ▶ Located at the intersection of Constitution Avenue NW and 23rd Street NW between the U.S. Institute of Peace to the north, Rock Creek and Potomac Parkway to the east, the Lincoln Memorial further south, and the Vietnam Veterans Memorial further east
- ▶ In West Potomac Park within the National Mall
- ▶ Part of the East & West Potomac Parks Historic District, National Mall Historic District, and Lincoln Memorial Grounds Cultural Landscape
- ▶ Located adjacent to the Reserve where no new memorial or museum site may locate



 Project Site

 The Reserve

Draft Area of Potential Effect



- Legend**
- Project Site
 - Draft Area of Potential Effect (APE)
 - Constitution Gardens Cultural Landscape
 - East & West Potomac Parks Historic District
 - Lincoln Memorial Grounds Cultural Landscape
 - National Mall Historic District
 - Northwest Rectangle Historic District
 - Observatory Hill Historic District
 - Rock Creek & Potomac Parkway Historic District
 - Washington Monument Grounds Cultural Landscape
 - L'Enfant Plan of the City of Washington Views
 - Memorials
 - Historic Resources in the APE
- 1 Arlington Memorial Bridge and related features
 - 2 Lincoln Memorial (and Statue of Lincoln)
 - 3 American Institute of Pharmacy (American Pharmacists Association)
 - 4 Harry S. Truman Federal Building
 - 5 National Academy of Sciences
 - 6 Federal Reserve Building
 - 7 Vietnam Veterans War Memorial
 - 8 Reflecting Pool
 - 9 Memorial to the 56 Signers of the Declaration of Independence
 - 10 World War II Memorial
 - 11 Lockkeeper's House
 - 12 Washington Monument



*The project site is within the L'Enfant Plan of the City of Washington

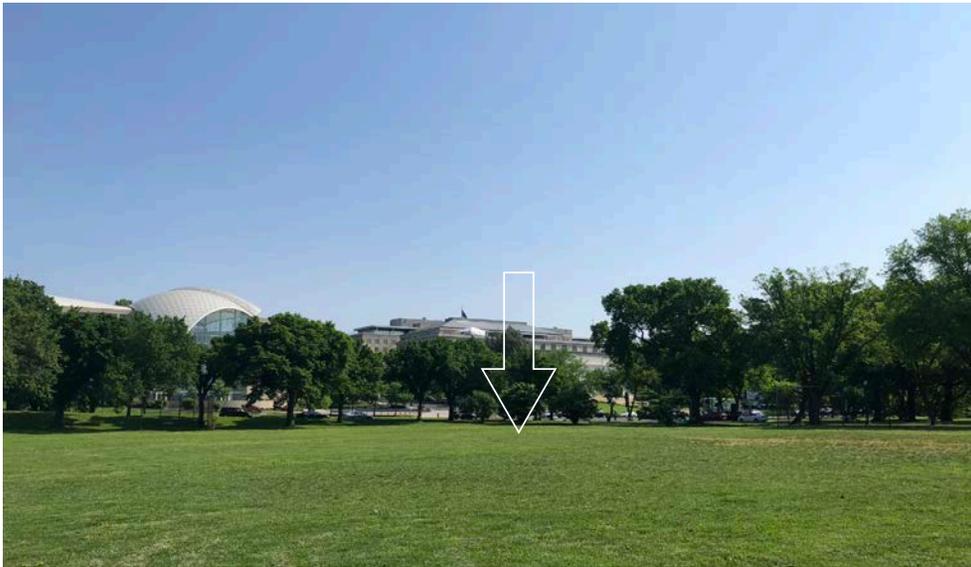
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Design Considerations



Design Considerations



Existing Tree Condition



Life expectancy:

- E <5 yrs
- D 5-10 yrs
- C 10-20 yrs
- B 20-25 yrs
- A >25 yrs

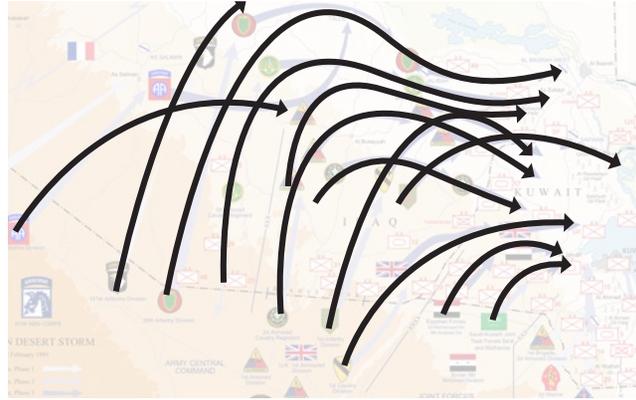
- Shade Tree
- Understory Tree



Design Inspiration



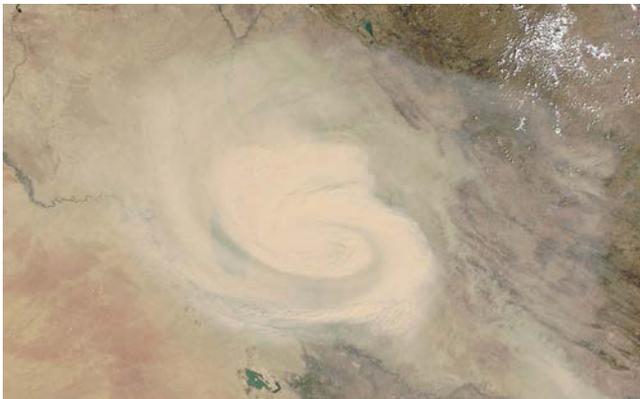
Dunes



Left Hook



Coalition



Storm

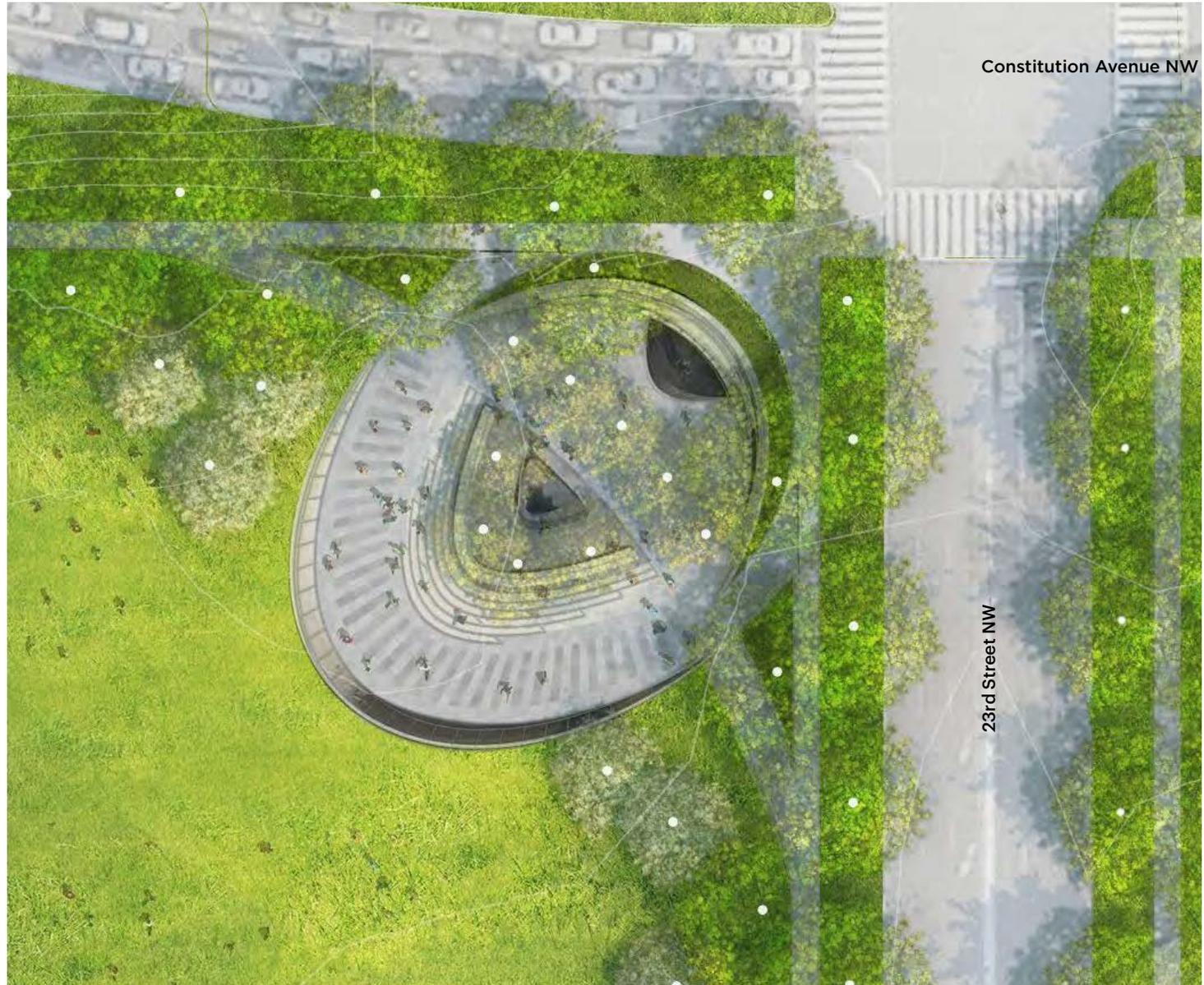
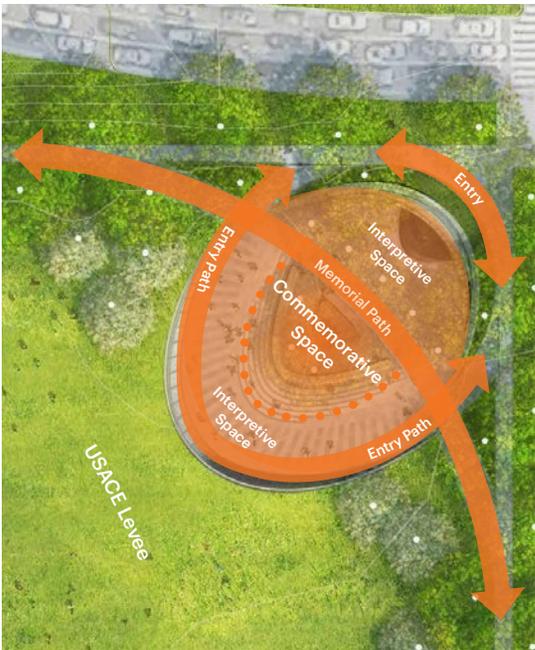


Oasis



Transformation

November 2018 Concept



Current Concept - Overall Site Plan



Rock Creek Parkway NW

Lincoln Memorial Sand Volleyball Courts

Potomac River

Institute of Peace

American Pharmacists Association

Constitution Avenue NW

The Reserve

The Reserve

23rd Street NW

Henry Bacon Drive NW

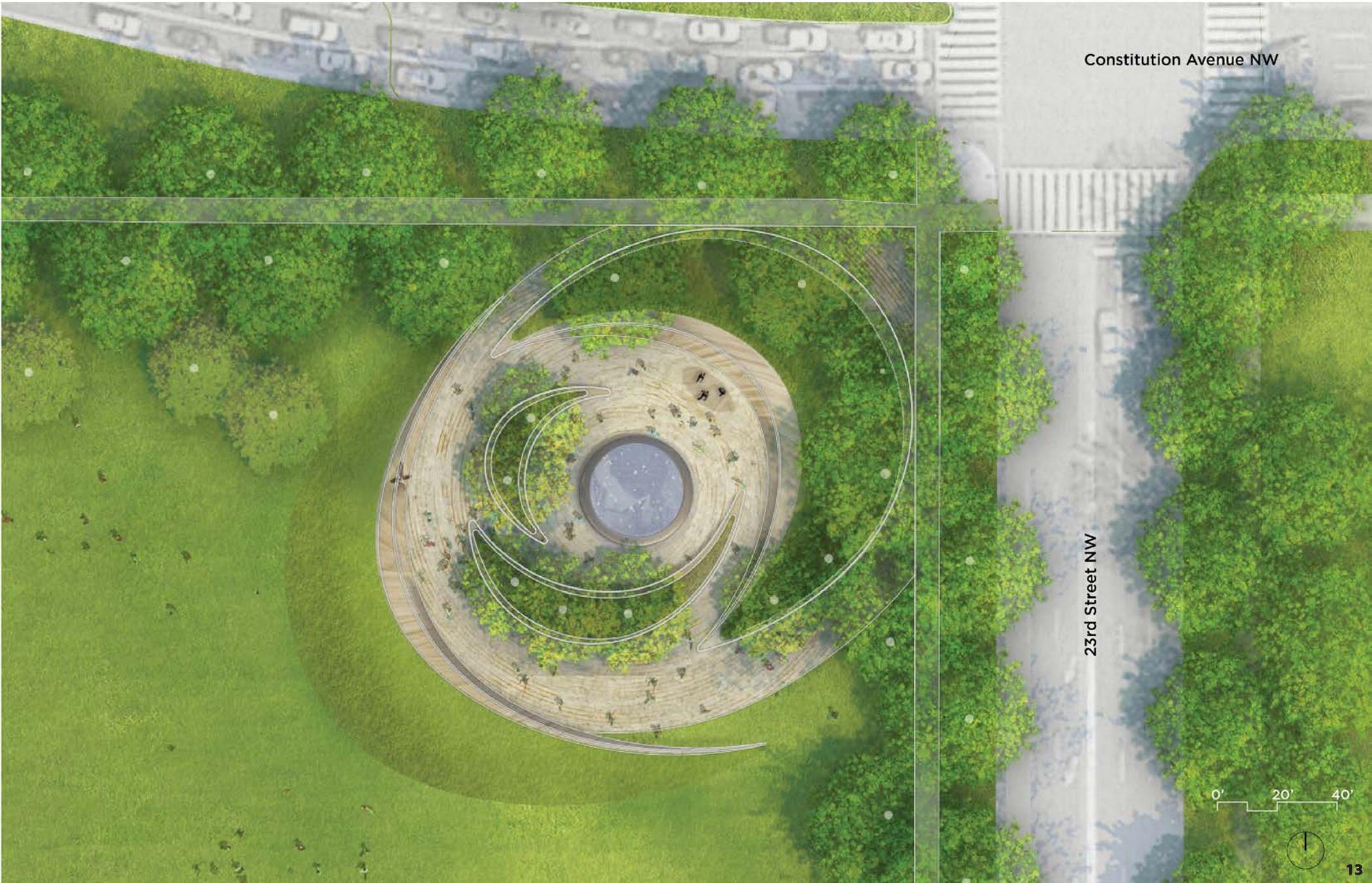
Lincoln Memorial Circle

Lincoln Memorial

0' 100'



Memorial Plan



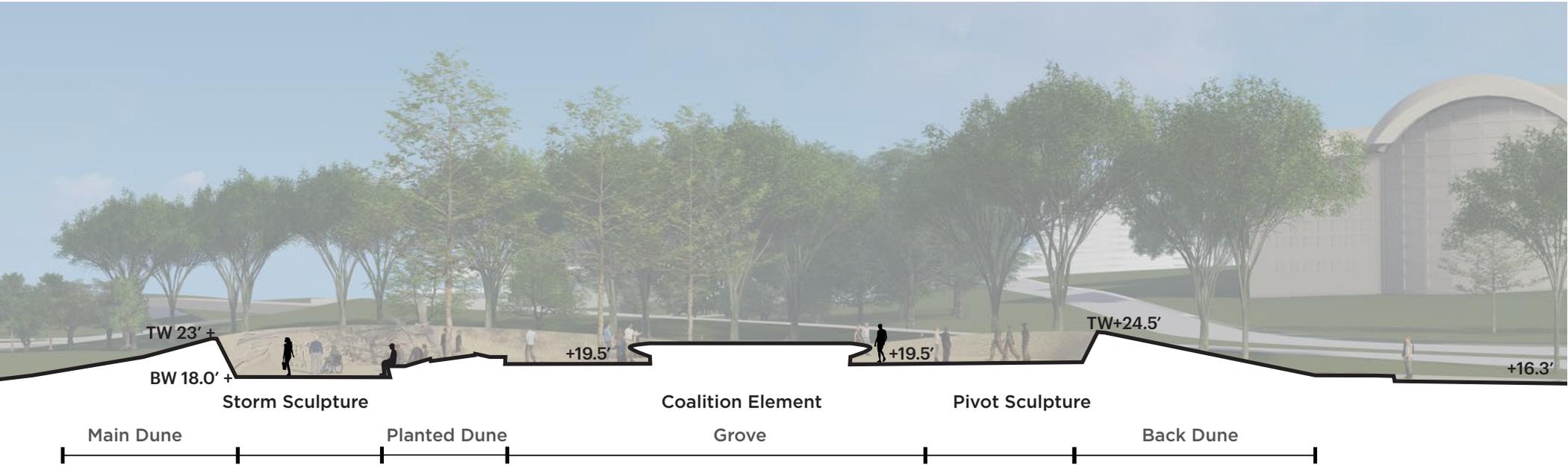
Constitution Avenue NW

23rd Street NW

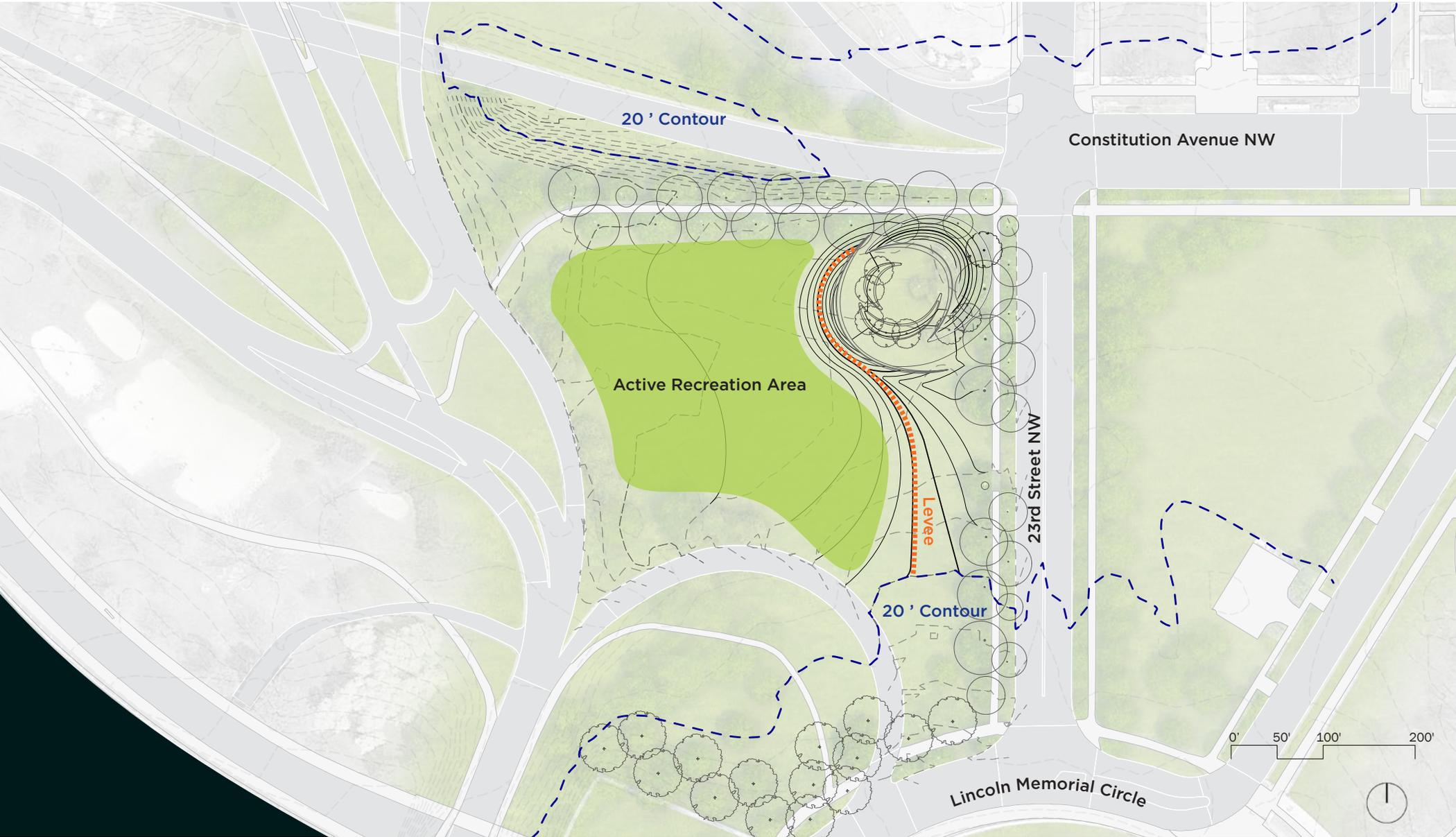
0' 20' 40'



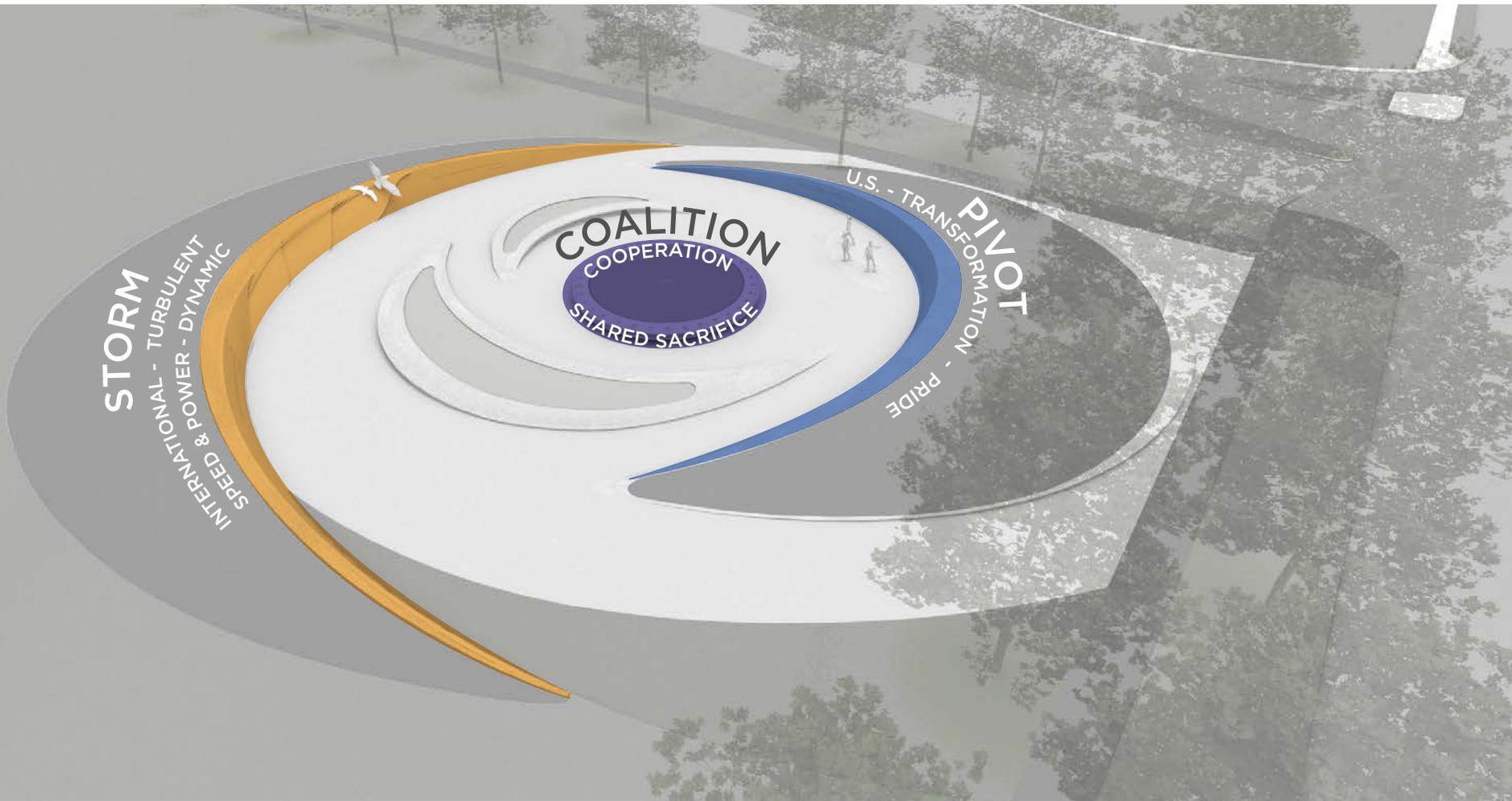
Section



Grading

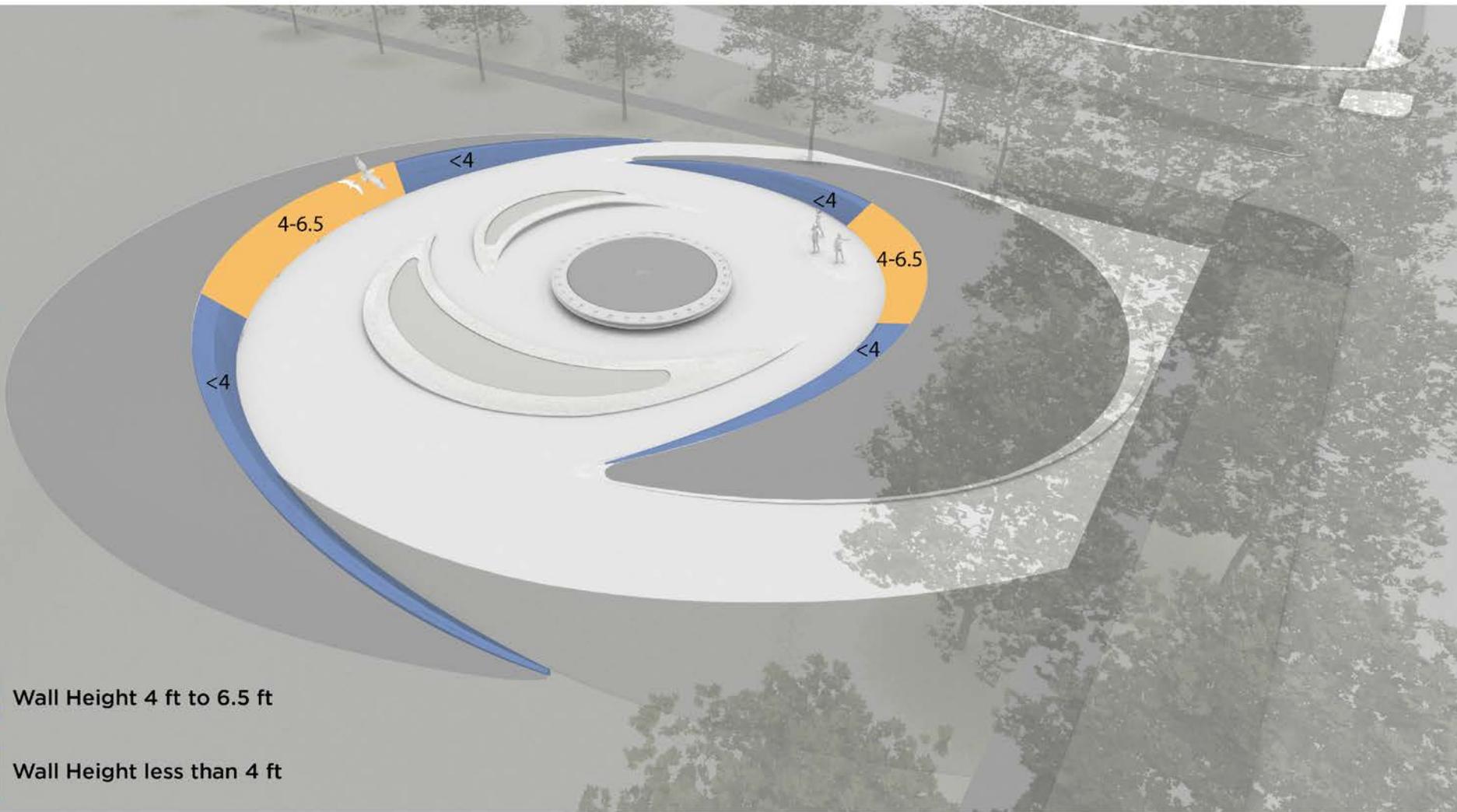


Commemorative Themes and Framework



Wall Heights

-  4-6.5 Wall Height 4 ft to 6.5 ft
-  <4 Wall Height less than 4 ft







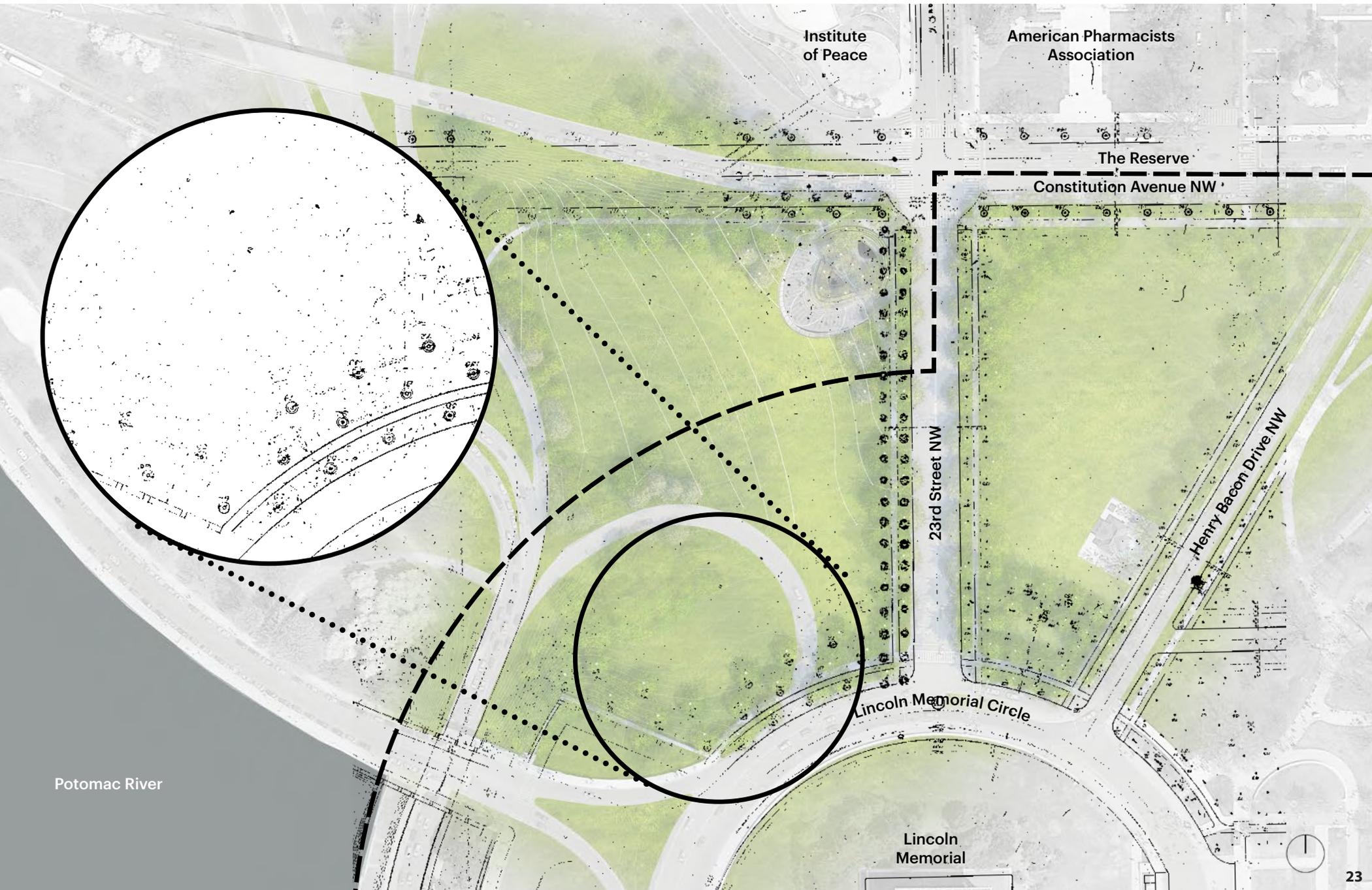




Aerial Perspective



Allée Tree Planting Plan - 1931



Potomac River

Lincoln Memorial

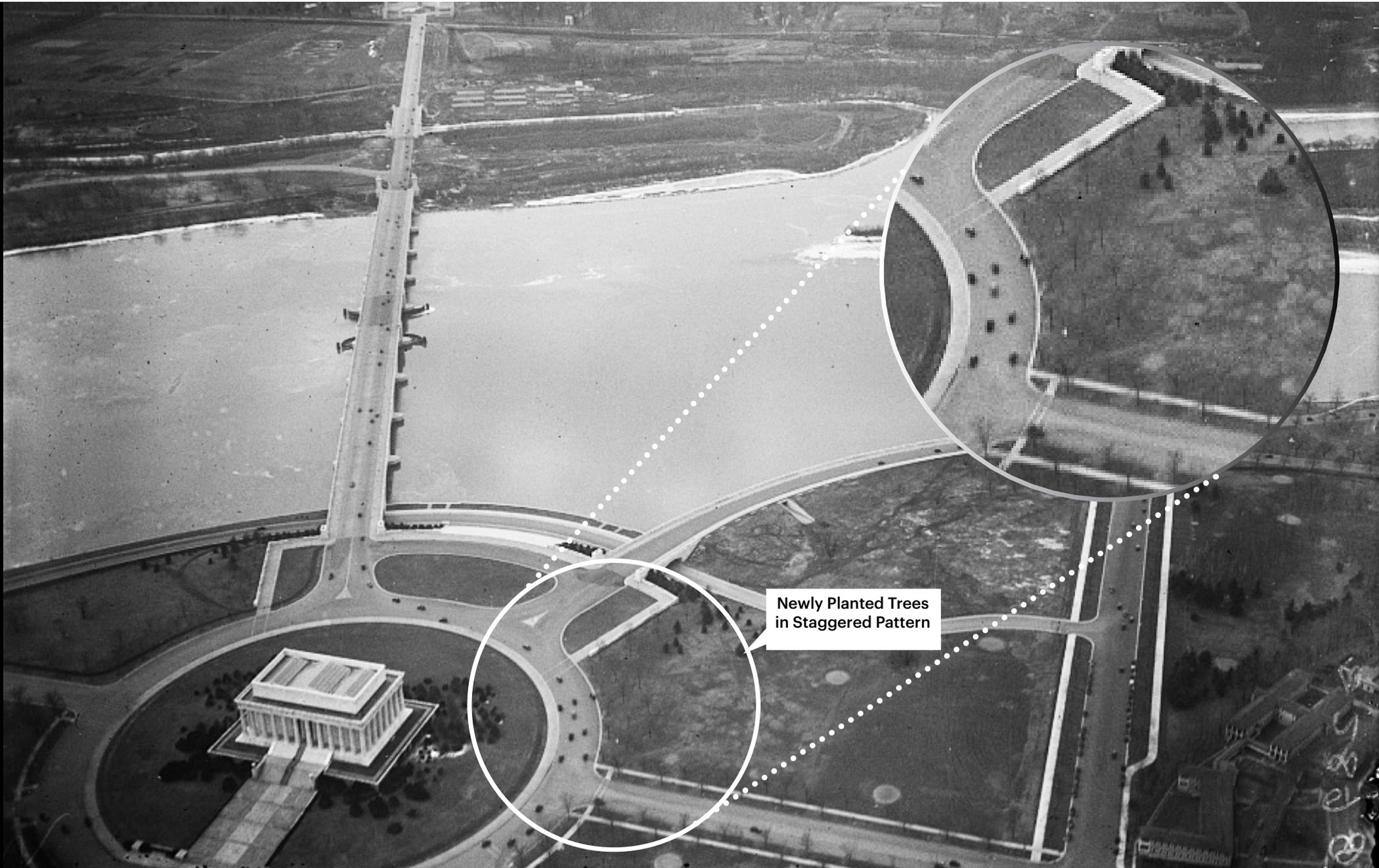


Allée Tree Planting - 1927



Trees yet to be Planted

Allée Tree Planting - 1935



Newly Planted Trees
in Staggered Pattern

Allée Tree Planting - 1951



Allée Tree Planting - Proposed



Discussion

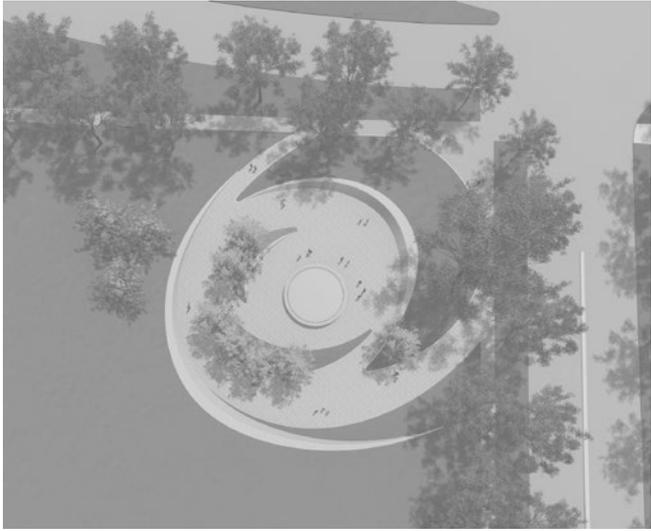
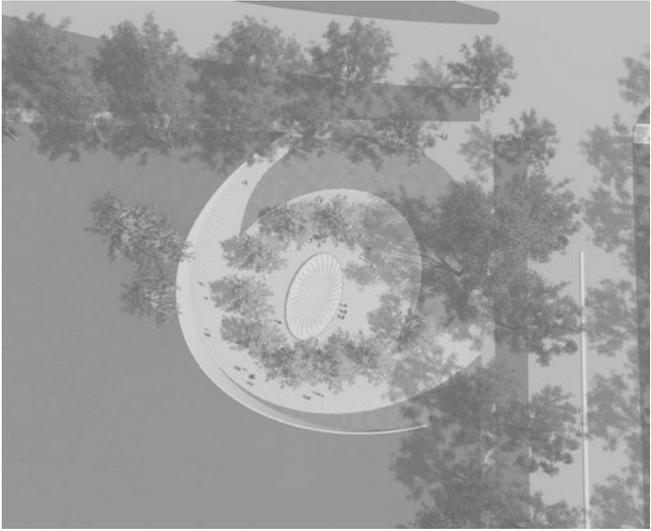
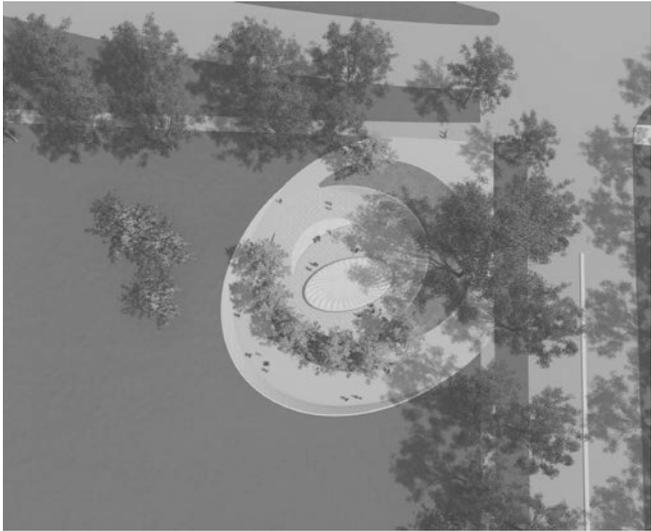
- ▶ Potential effects
- ▶ Identified minimization measures
- ▶ Potential additional minimization and/or mitigation measures

Next Steps

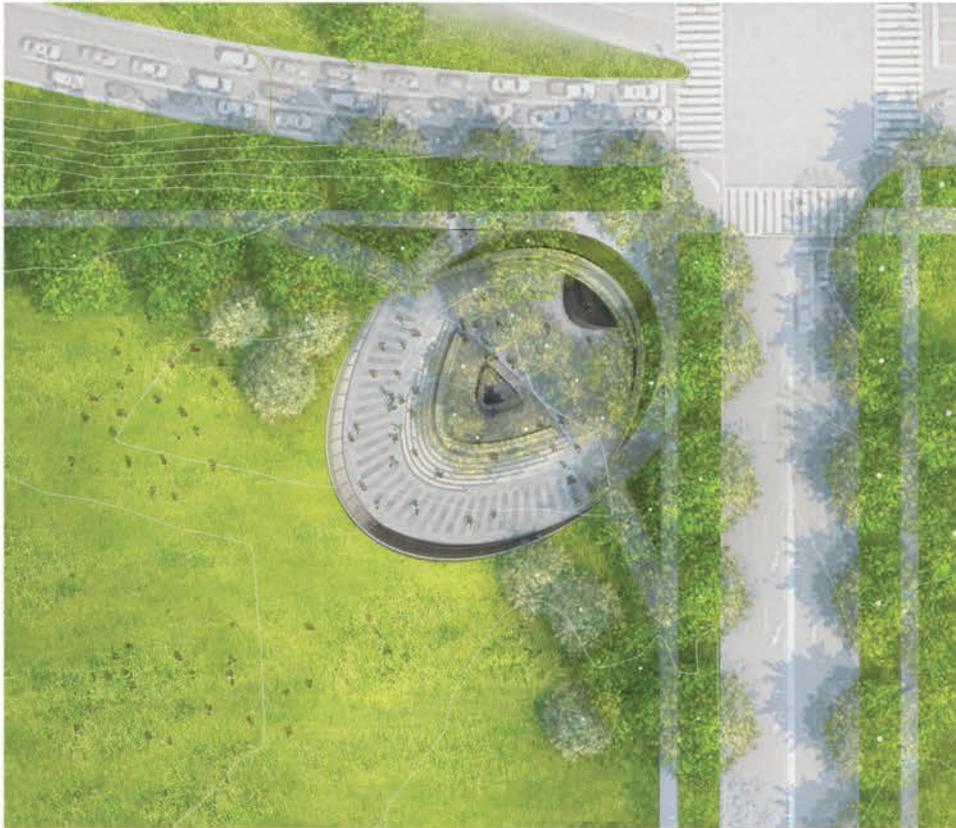
- ▶ Receive comments by November 26, 2019 at <https://parkplanning.nps.gov/ndsdsm>
- ▶ CFA Concept Review (November 21, 2019)
- ▶ NCPC Concept Review (January 2020)
- ▶ Continue design and evaluation of potential adverse effects on historic properties
- ▶ Continue Section 106 consultation
- ▶ Development of Environmental Assessment

Appendix

Design Process



Comparison to November 2018 Concept



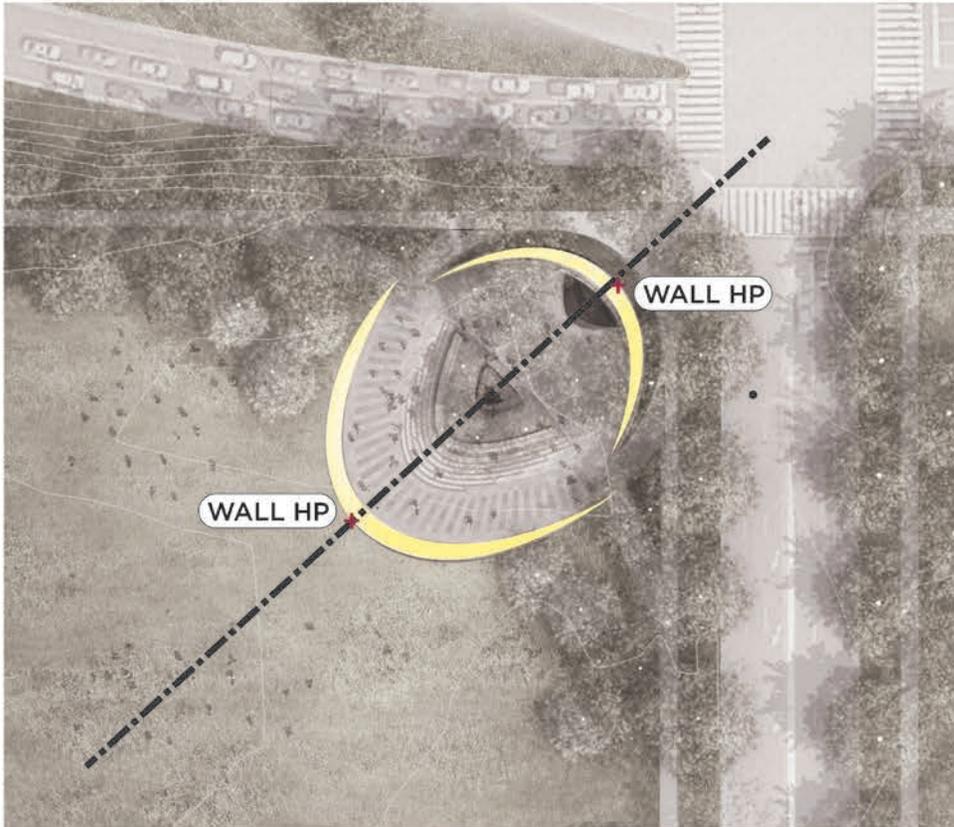
Previous Concept



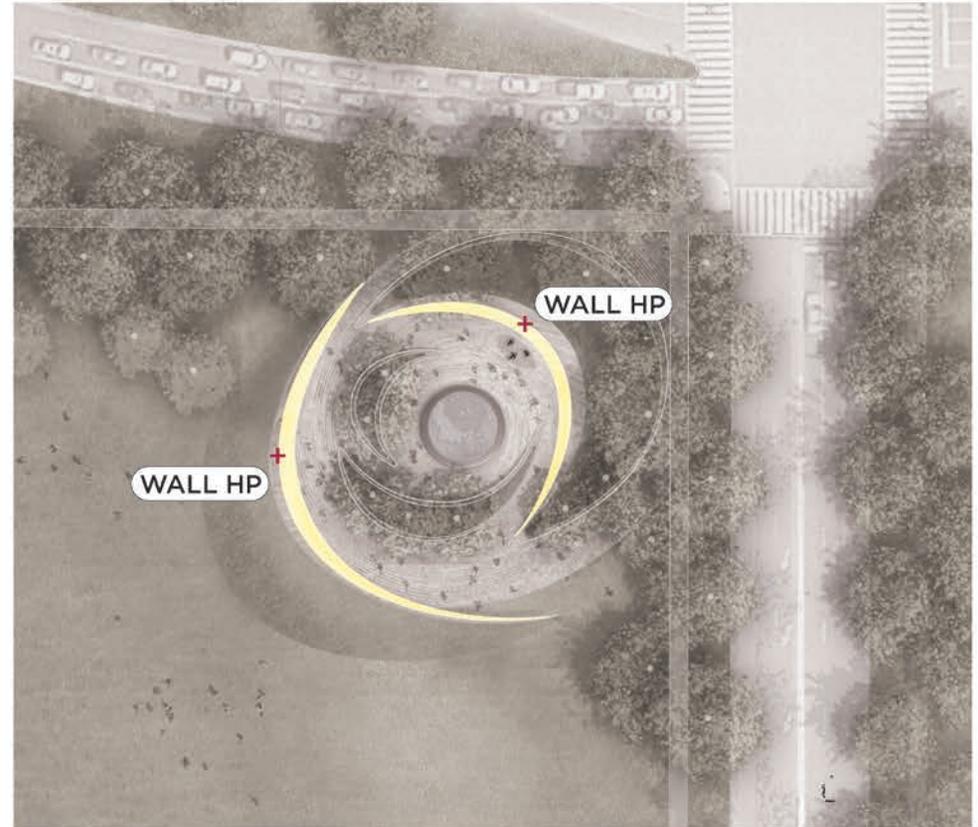
Current Concept

Comparison to November 2018 Concept

Asymmetric Enclosure



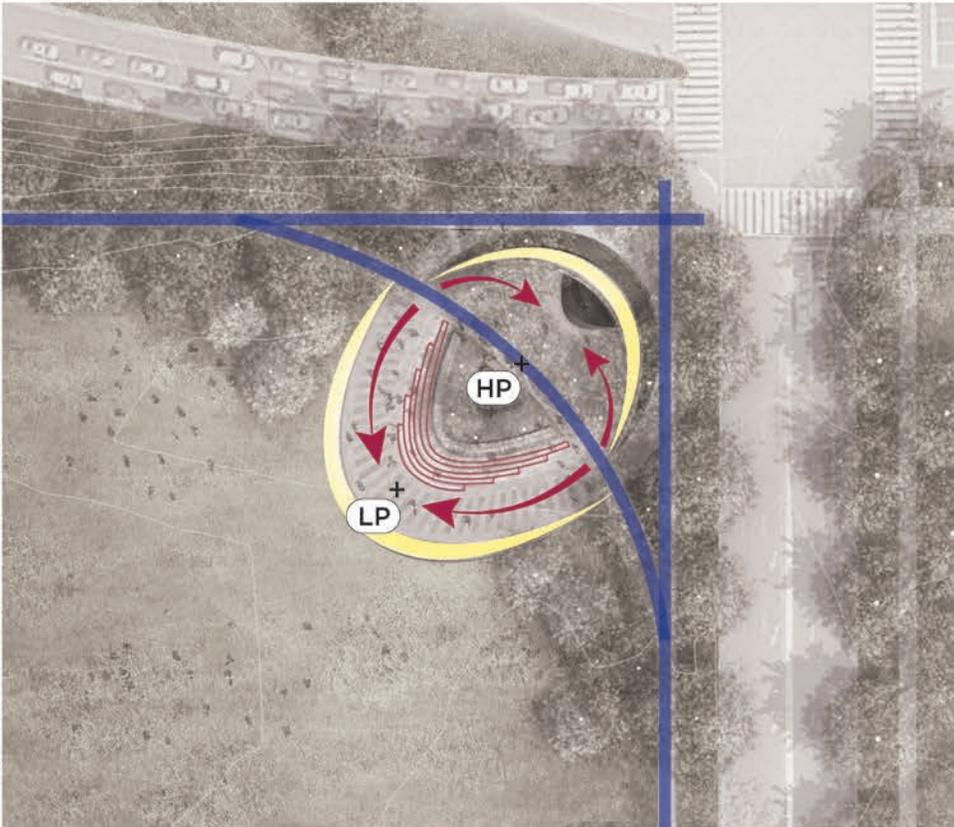
Previous Concept



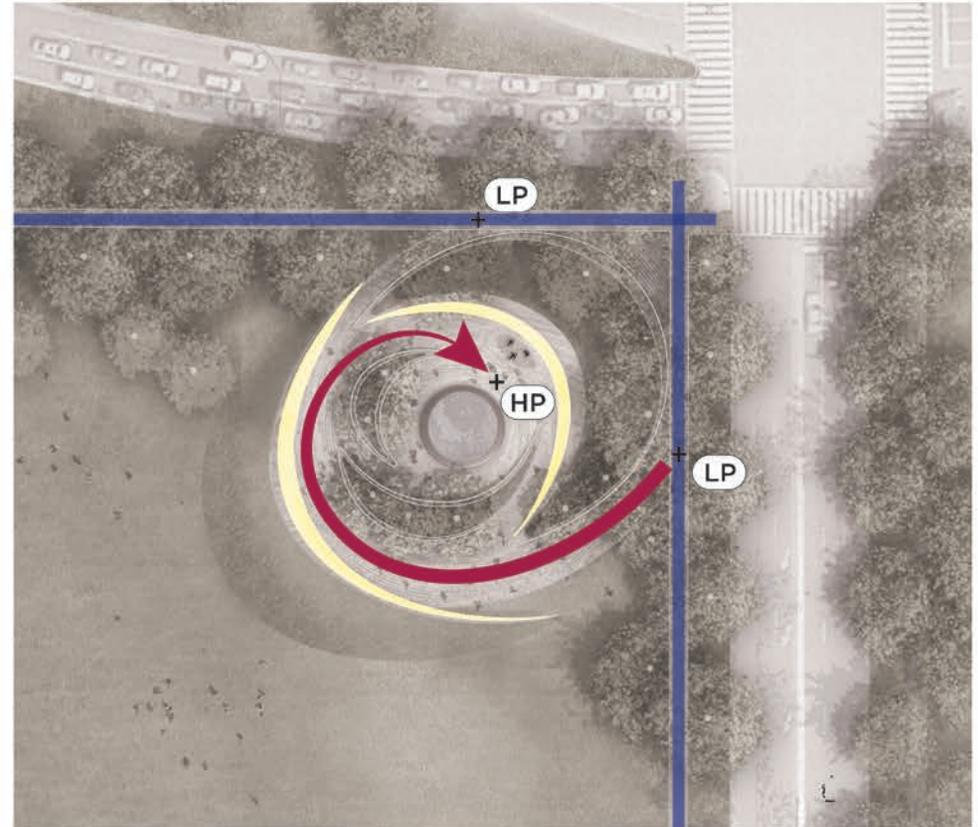
Current Concept

Comparison to November 2018 Concept

Circulation Clarity



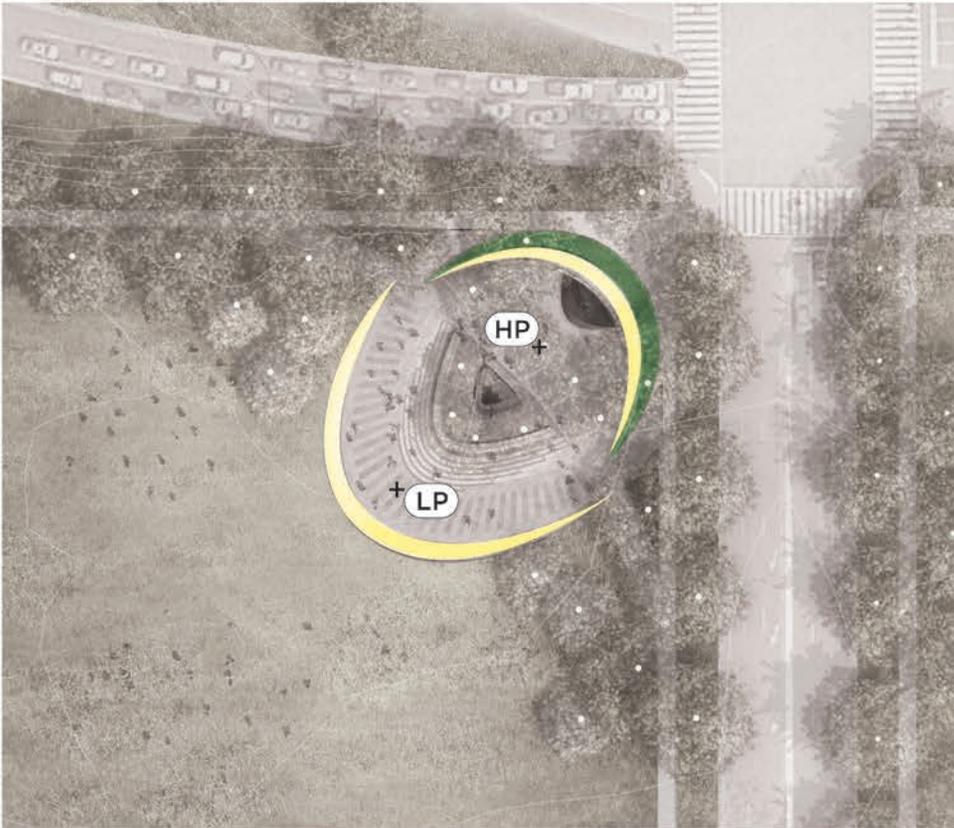
November 2018 Concept



Current Concept

Comparison to November 2018 Concept

Landform Refinement



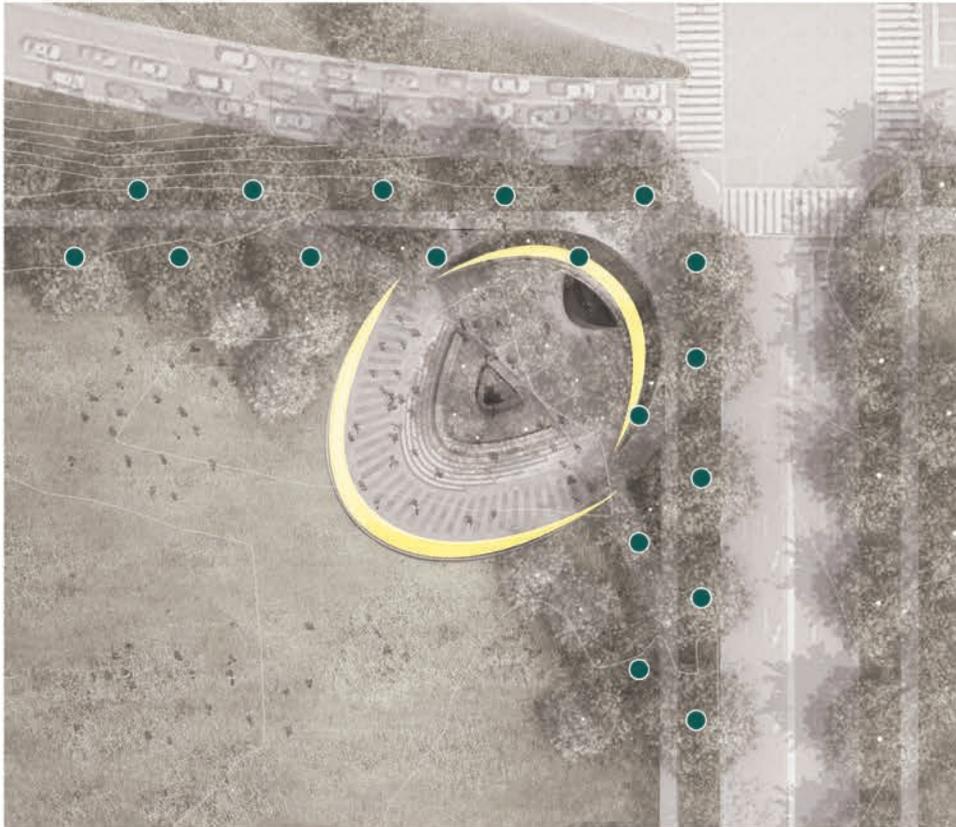
November 2018 Concept



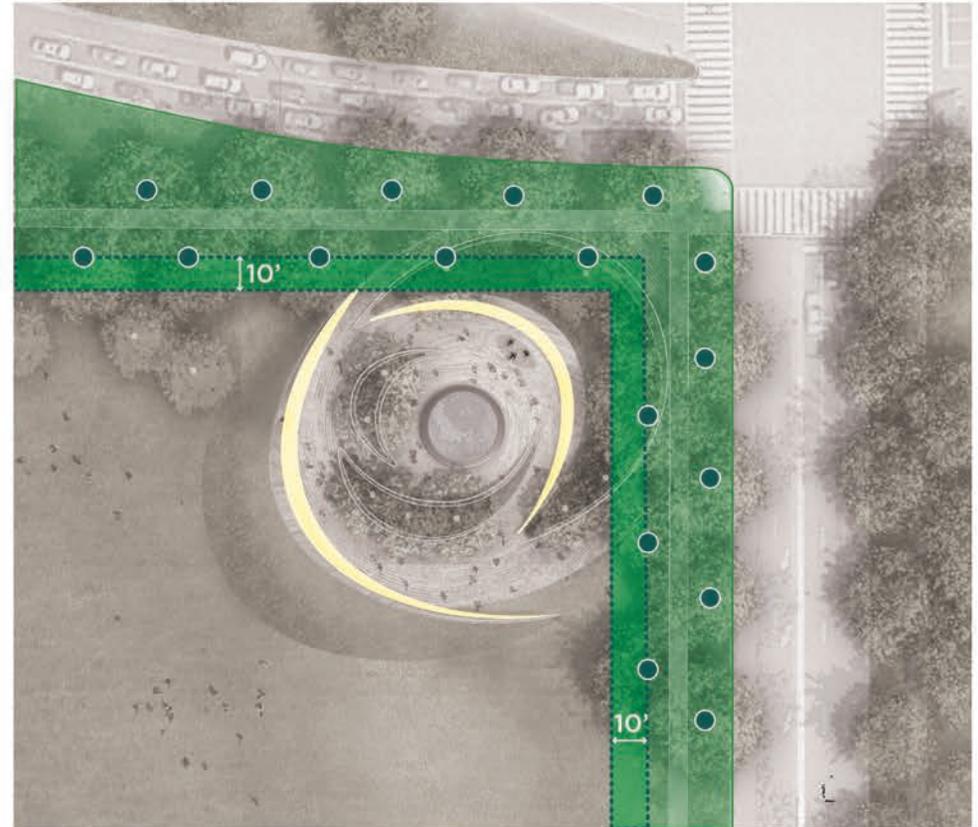
Current Concept

Comparison to November 2018 Concept

Tree Allée Preservation



November 2018 Concept



Current Concept