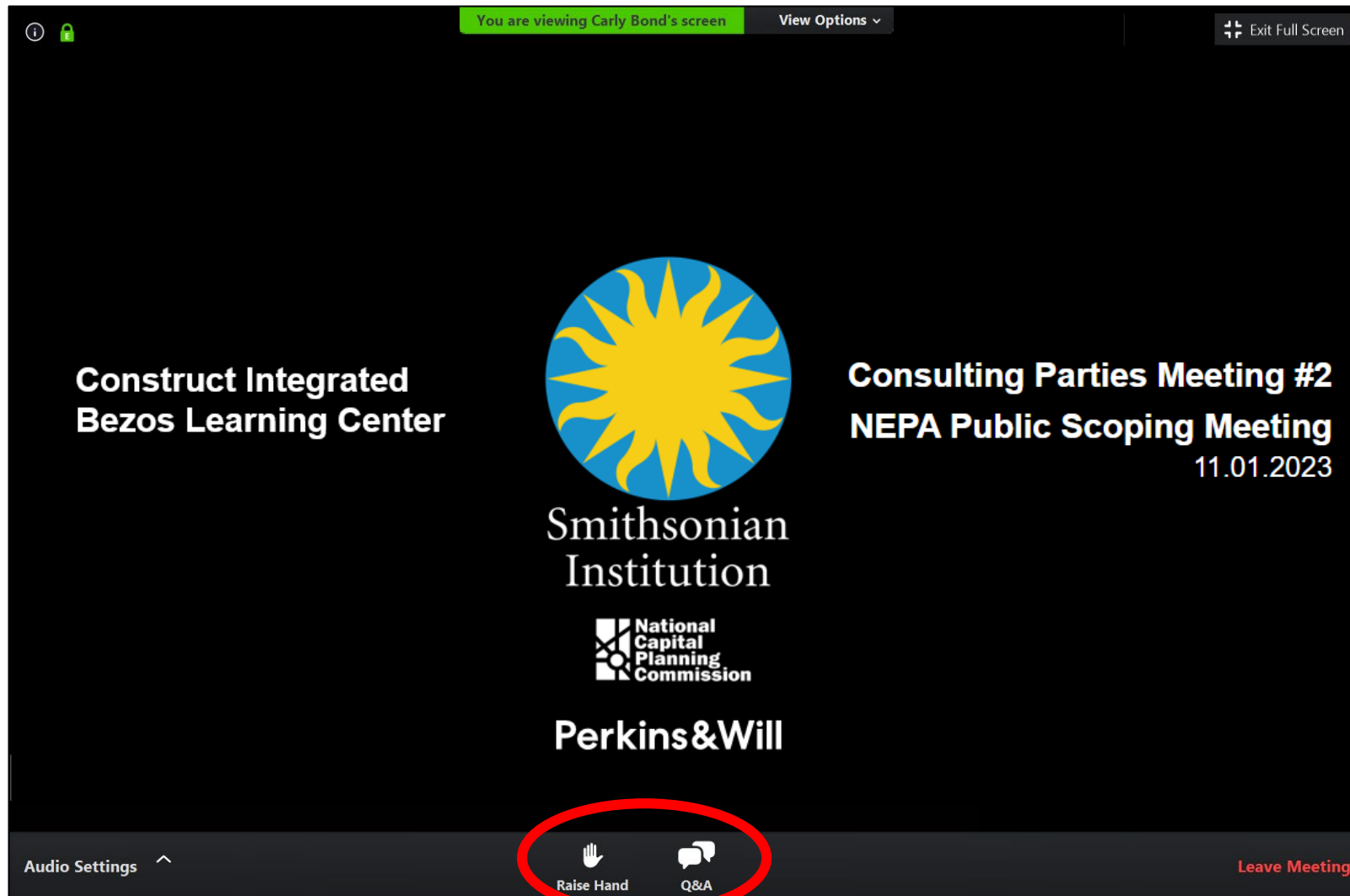


Welcome!

The meeting will begin momentarily.



The image shows a Zoom webinar title slide with a black background. At the top, there is a green status bar that reads "You are viewing Carly Bond's screen" and a "View Options" dropdown menu. In the top right corner, there is an "Exit Full Screen" button. The main content of the slide includes the text "Construct Integrated Bezos Learning Center" on the left, a central logo of a yellow sun with rays inside a blue circle, and the text "Smithsonian Institution" below it. To the right of the sun logo, it says "Consulting Parties Meeting #2 NEPA Public Scoping Meeting 11.01.2023". Below the Smithsonian logo is the logo for the "National Capital Planning Commission" and the text "Perkins&Will". At the bottom of the slide, there is a dark grey bar with "Audio Settings" on the left, a "Raise Hand" button (with a hand icon) and a "Q&A" button (with a speech bubble icon) circled in red, and a "Leave Meeting" button on the right.

How to Use Zoom Webinar:

- Zoom webinar will not permit access to your camera.
- Please submit comments/questions in writing through the Q&A function.
- Written comments/questions can be submitted at any time and will be answered or discussed at designated points during the meeting by the panelists.
- Click "Raise Hand" if you would like to speak your comments/questions at designated points with the panelists. A moderator will grant temporary access to your device's microphone.

Thank you for participating in our virtual public consultation meeting!

**Construct Integrated
Bezos Learning Center**



**Smithsonian
Institution**



Perkins&Will

**Consulting Parties Meeting #2
NEPA Public Scoping Meeting
11.01.2023**

Panel of Speakers

Moderator

Carly Bond, Acting Associate Director, Historic Preservation, Smithsonian Office of Planning, Design, and Construction

Panelists

Dr. Tina Menendez, Bezos Learning Center Director

Jane Passman, Senior Facilities Master Planner, Smithsonian Office of Planning, Design, and Construction

Stephanie Free, Urban Planner, National Capital Planning Commission

Charles Obi, Program Executive, Smithsonian Office of Planning, Design, and Construction

Mike Henry, Senior Design Manager, Smithsonian Office of Planning, Design, and Construction

Zena Howard, Project Principal, Perkins&Will

Elizabeth Kennedy, Principal, Elizabeth Kennedy Landscape Architects

Scott Shifflet, NEPA Consultant, Vice President, WSP



Carly



Tina



Jane



Stephanie



Charles



Mike



Zena



Elizabeth



Scott

Meeting Agenda

- I. Project Introduction**
- II. Bezos Learning Center Mission Overview**
- III. NEPA Process**
- IV. Section 106 Process**
- V. Context and Genesis of Form and Space**
- VI. Architecture and Landscape Design**
- VII. View Sheds**
- VIII. Next Steps**

Q&A Process

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Institution



Project Introduction

Project Introduction

NASM Revitalization

Revitalization

- Memorandum of Agreement pursuant to Section 106 executed December 28, 2017
- NASM Revitalization construction substantial completion in 2024
- 7 years devoted to revitalizing NASM and providing a secure building envelope

Transformation

- 23 galleries and spaces reimagined for immersive learning
- 5,200 artifacts moved and preserved
- 1,400 new objects on display



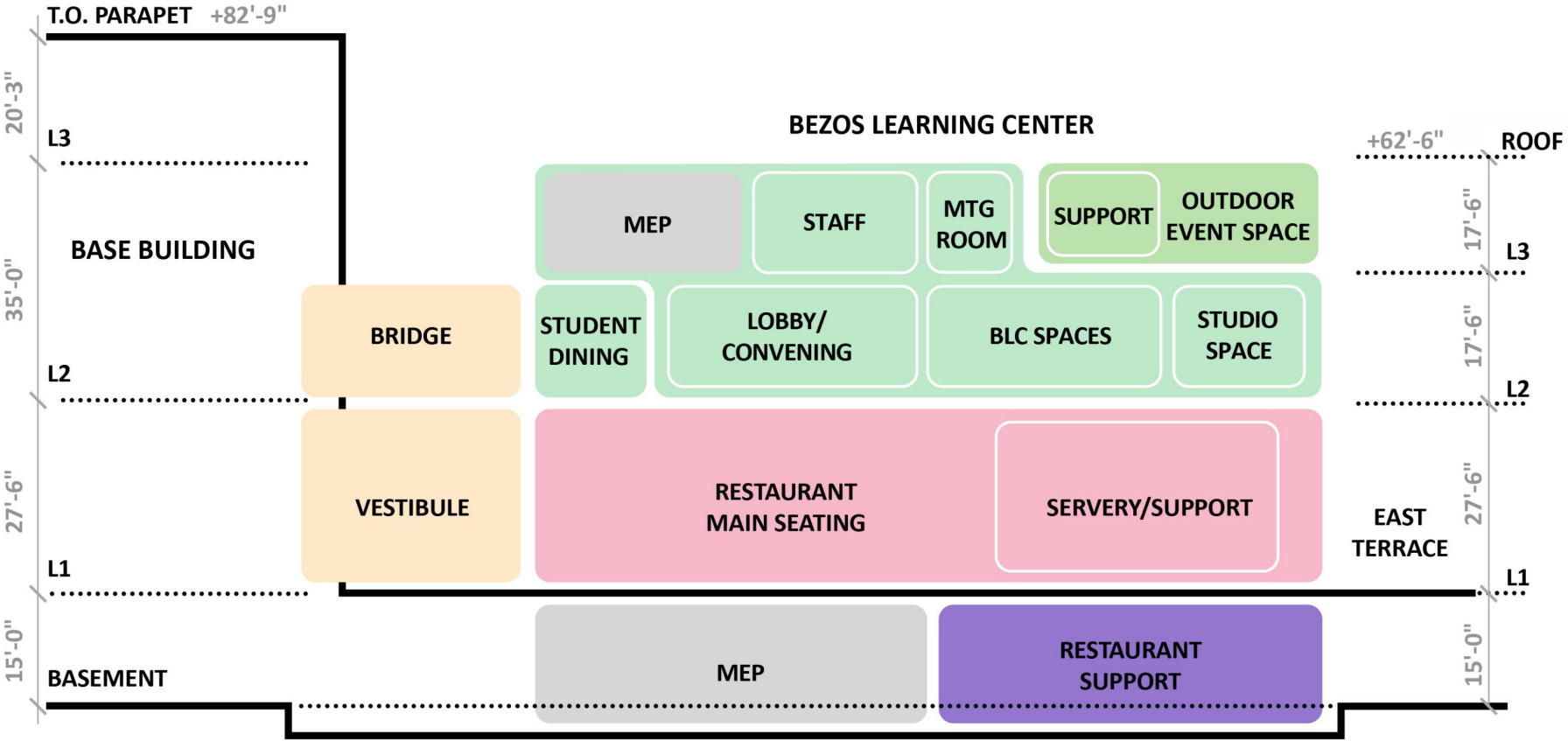
NASM viewed looking NE, October 2023..

Construct Integrated Bezos Learning Center Scope

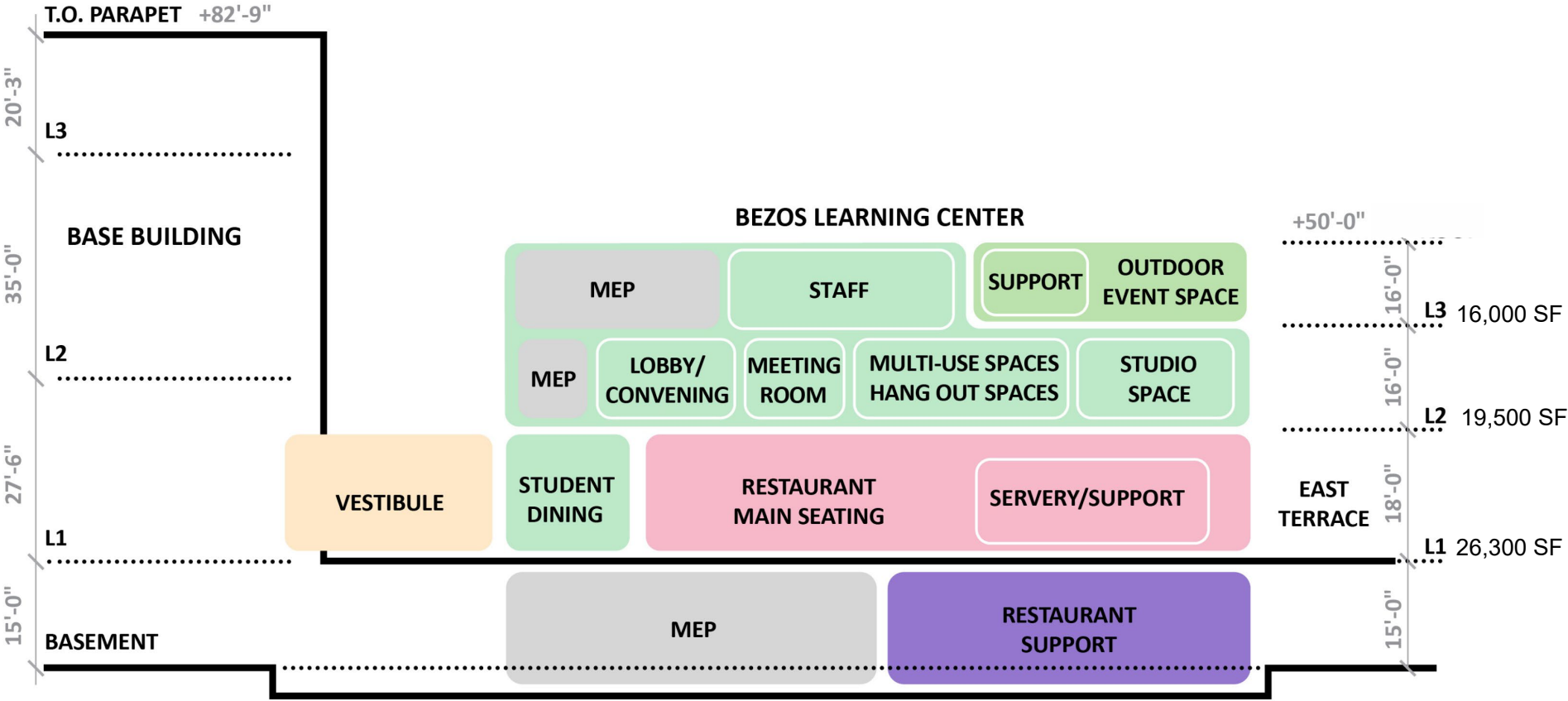
- Largest philanthropic gift since SI's founding gift from James Smithson in 1846
- Gift designs, constructs, and supports a premiere space for education across Smithsonian, housed at the NASM, at the heart of the National Mall
- Bezos Learning Center program shall reach underserved communities in DC and across the nation
- Smithsonian will supplement these funds to include:
 - Demolition of restaurant addition aligned with NASM Revitalization construction
 - Address loading dock functionality providing proper height clearances and separation of delivery areas
 - Construct a restaurant facility
 - Design and construct permanent location for the Phoebe Waterman Haas Public Observatory
 - Design and construct the Phoebe Waterman Haas Astronomy Park
 - Landscape east terrace



Program Summary – Programming Report Section



Program Summary – Preferred Section





Smithsonian
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Bezos Learning Center Mission Overview

Bezos Learning Center Mission Overview

The center will connect to all Smithsonian museums, coordinating STEAM-related collections and experts across the Institution and promoting inquiry-based learning in learners of all ages, with a focus on youth and educators in under-resourced communities. The center will activate programming in part by establishing partnerships with community-based organizations to reach students and teachers in Washington, D.C., and in communities across the country.

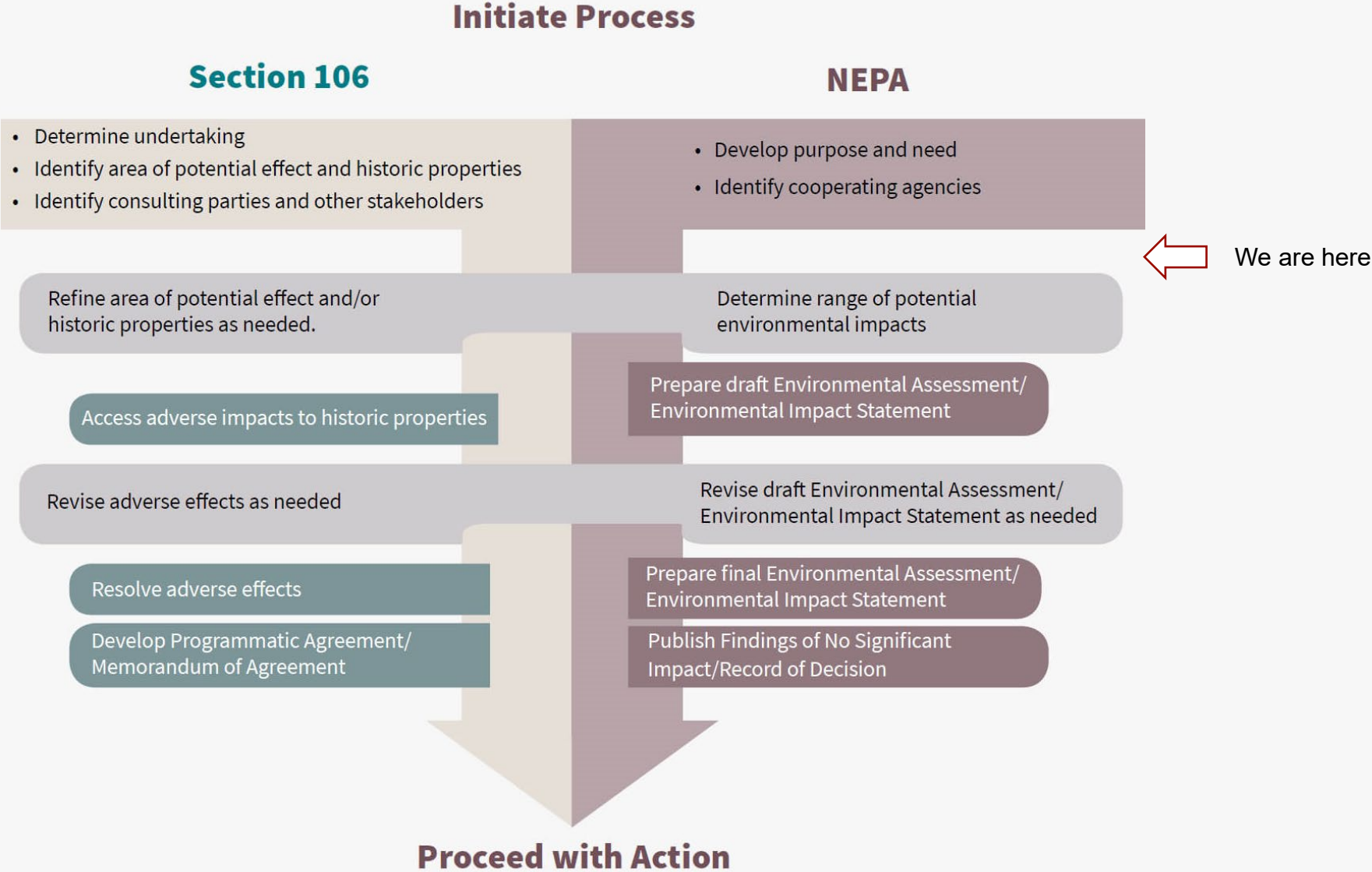


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Institution



NEPA Process

Section 106/NEPA Process Overview



Graphic courtesy of the National Capital Planning Commission.

National Environmental Policy Act

The National Environmental Policy Act, or NEPA, requires federal agencies to involve the public when making decisions that may impact the natural, cultural, and socioeconomic environment. An environmental assessment, or EA, will look at the potential impacts from the proposed action.

NCPC will serve as the lead and responsible federal agency and work with SI as project owner to comply with NEPA. NCPC and SI will prepare an Environmental Assessment (EA) to analyze the environmental impacts of a range of alternatives for this project, in accordance with NEPA. The National Park Service will serve as a cooperating agency in the preparation of the EA due to the project's proximity to the National Mall Concurrently, SI will conduct consultation under Section 106 of the National Historic Preservation Act.



Draft Purpose and Need

- The purpose of the proposed project is to build and operate a world class center for education based at the National Air and Space Museum (NASM).
- The project is needed to provide:
 - a pan-Institutional resource overseen by NASM that will engage all students and teachers, with a particular focus on under-resourced communities in Washington, DC and across the nation, both at the National Mall site of the new facility and virtually through remote capabilities;
 - a 600- to 700-seat restaurant accessible from the Museum's main level;
 - a public Astronomy Park; and
 - a permanent location for the Phoebe Waterman Haas Observatory on the East Terrace.



NASM and East Terrace Under Construction, April 30, 1974.

Preliminary Issues and Impact Topics

As part of the scoping process, SI and NCPC will review the potential impacts and determine which resources could be impacted and will be fully analyzed in the EA.

Preliminarily, SI and NCPC have identified the following resources for full analysis or dismissal in the EA:

Resources for EA analysis:

- Cultural Resources, such as Historic Districts
- Aesthetics and Visual Resources
- Visitor Use and Experience
- Traffic and Transportation
- Environmental Justice
- Air Quality
- Climate Change

Resources preliminarily dismissed:

- Water resources
- Wildlife
- Vegetation
- Soils
- Noise
- Floodplains

Are there any other resources SI and NCPC should consider as part of the EA?

How can I be involved?

This public scoping meeting is the beginning of the public involvement process.

At this meeting:

- SI and NCPC are looking for public input on the draft purpose and need, range of alternatives and potential impact topics for inclusion in the EA.

Future opportunities for comment:

- Draft EA will be published for public review and comment.
- Public meeting(s) after Draft EA publication to solicit public comments and answer any questions on the project.
- After all public comments are reviewed, SI and NCPC will update the draft EA based on substantive comments received and will also provide responses to all substantive public comments.
- SI and NCPC will then release a Finding of No Significant Impact (FONSI) should the analysis prove there is no significant impact to the quality of the natural, human, or cultural environments.

How can I provide my comments?

There are multiple ways to provide public comments on the proposed action:

- 1. At this meeting via the chat or by requesting to speak**
- 2. Submit comments via email to:**
Preservation@SI.edu
- 3. Mail hardcopy comments to:**
Smithsonian Institution
Attn: Jane Passman
PO Box 37012
MRC 511 Suite 5001
Washington, DC 20013-5012

All comments must be submitted by **November 16, 2023**



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Section 106 Process

Section 106 Process Overview

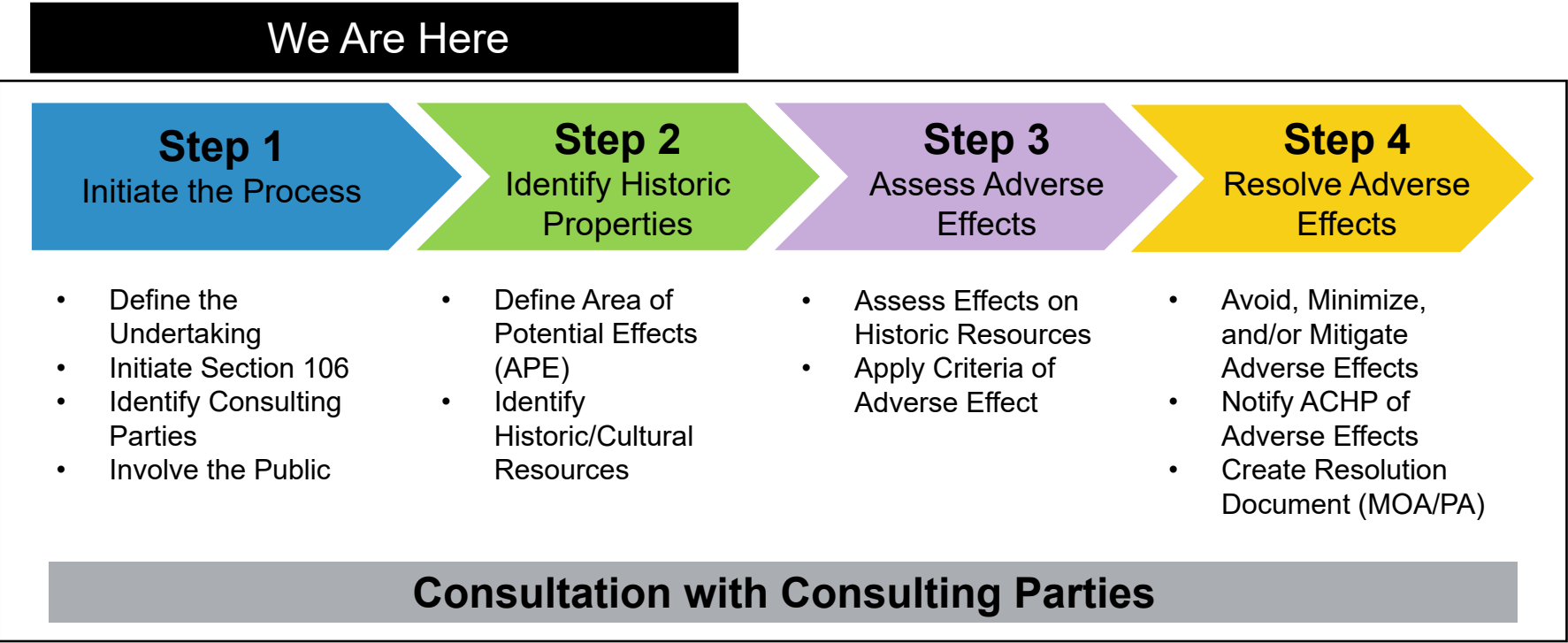
Section 106 of the National Historic Preservation Act (NHPA):

- National Air and Space Museum (NASM) contributes to the National Mall Historic District
- Section 106 requires federal agencies to consider the effects of their projects on historic properties and seek ways to avoid, minimize, or mitigate any adverse effects
- Section 106 requires consultation to seek, discuss, and consider the views of "consulting parties" who are invited to participate in the process
- Approximately 90 consulting parties or organizations invited to participate



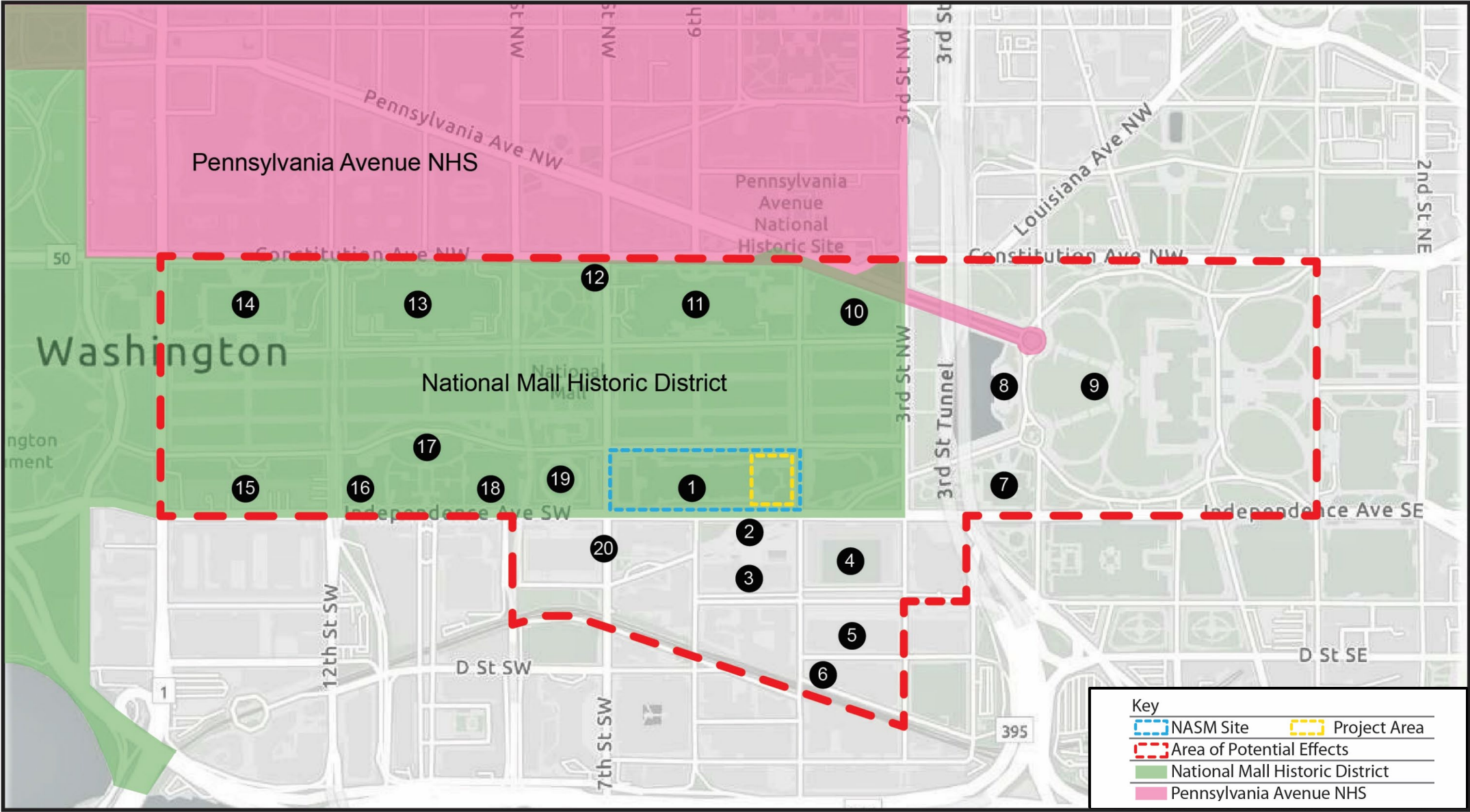
NASM Viewed Looking NE, Historic American Building Survey, 2017.




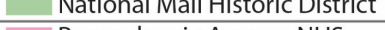
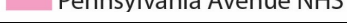
Section 106 Process Overview



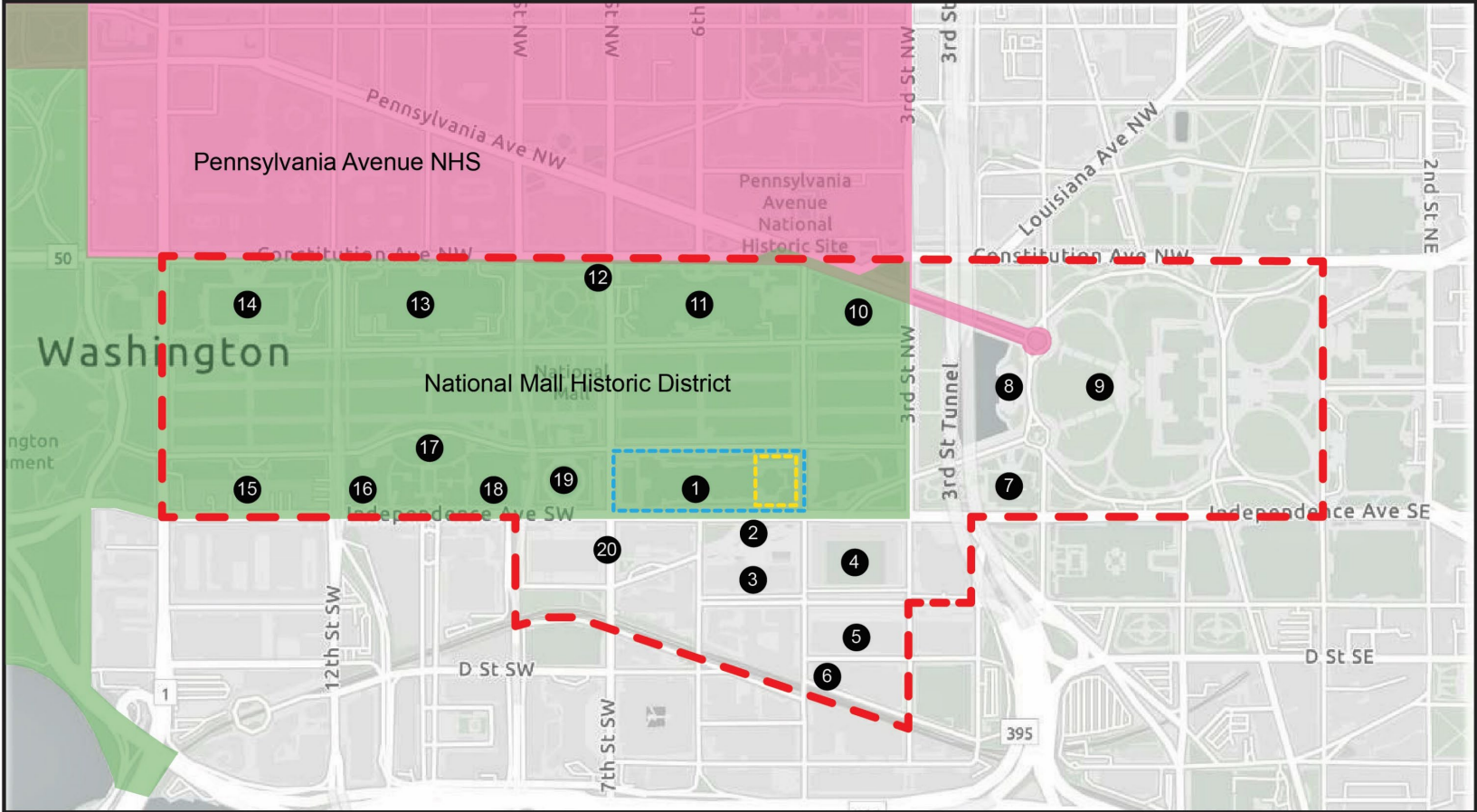
- A Consulting Party is anyone with a demonstrated interest in the project.
- Consulting Parties meetings will review design progress, provide detailed discussions on how the Construct Integrated Bezos Learning Center project may adversely affect historic resources, and consider ways to avoid, minimize, or mitigate adverse effects.

Draft Area of Potential Effect



Key	
	NASM Site
	Project Area
	Area of Potential Effects
	National Mall Historic District
	Pennsylvania Avenue NHS

Historic Resources



Key		5	14
NASM Site	Project Area	6 Terminal Refrigerating & Warehousing Co.	14 National Museum of American History
Area of Potential Effects		7 US Botanic Gardens	15 US Dept of Agriculture
National Mall Historic District		8 Ulysses S Grant Memorial	16 Freer Gallery
Pennsylvania Avenue NHS		9 US Capitol and Grounds	17 Smithsonian Castle
1 National Air & Space Museum (NR Eligible)	10 National Gallery of Art East Wing (NR Eligible)	19 Hirshhorn Museum (NR Eligible)	
2 Dwight D Eisenhower Memorial	11 National Gallery of Art West Wing	20 Orville & Wilbur Wright Federal Buildings (NR Eligible)	
3 Lyndon B Johnson Dept of Education	12 Bulfinch Gatehouses and Gateposts		
4 Social Security Administration	13 Natural History Museum		
			* Plan of the City of Washington (Not Shown)

National Mall Historic District

Contributing Views and Visual Relationships



- Reciprocal view east-west between the Washington Monument to the Capitol
- North-south vista along 4th Street
- North-south vista along 6th Street, between NASM and the National Gallery West Building
- North-south vista along 8th Street, toward the National Archives
- North-south vista along 10th Street, between National Museum of Natural History and the Smithsonian Institution Building
- Visual relationships include views to the elms and the buildings along the Mall from the pedestrian walks and central grass panels

Questions and Comments

Moderator

Carly Bond, Acting Associate Director, Historic Preservation, Smithsonian Office of Planning, Design, and Construction

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Context and Genesis of Form and Space

Site Aerial

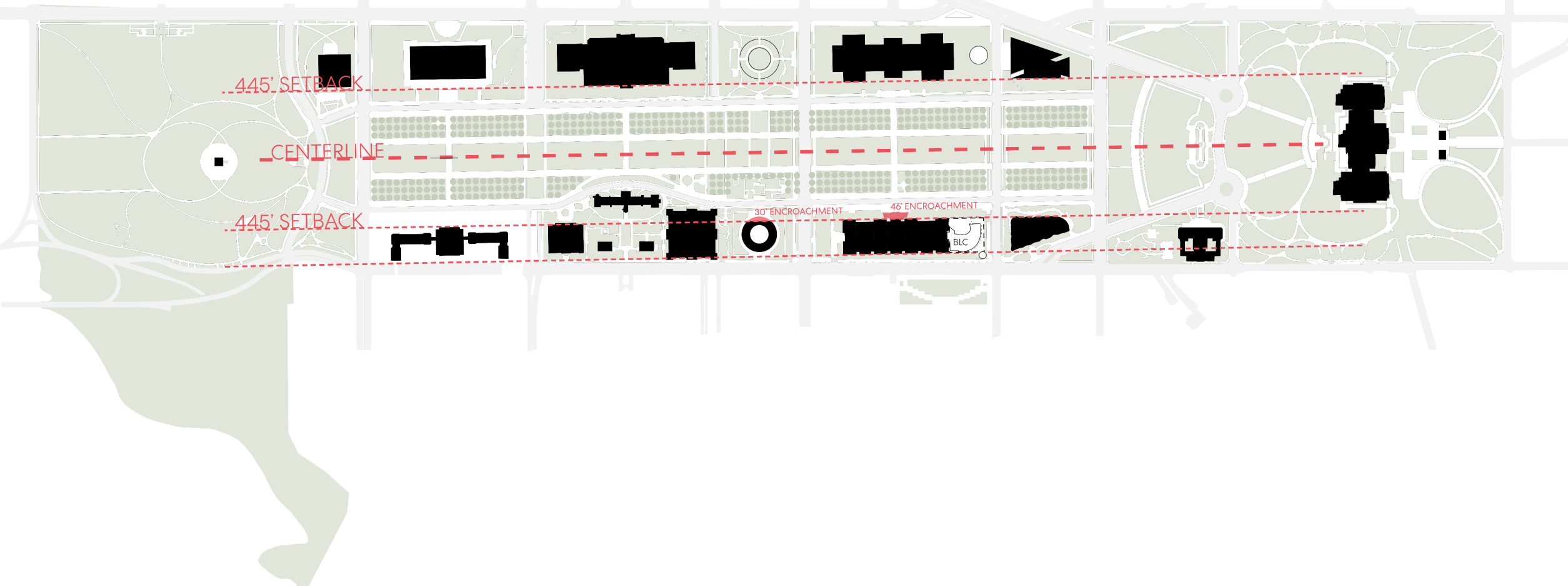
1980 Pre-Restaurant



Construct Integrated Bezos Learning Center

McMillan Line Contextual Framework

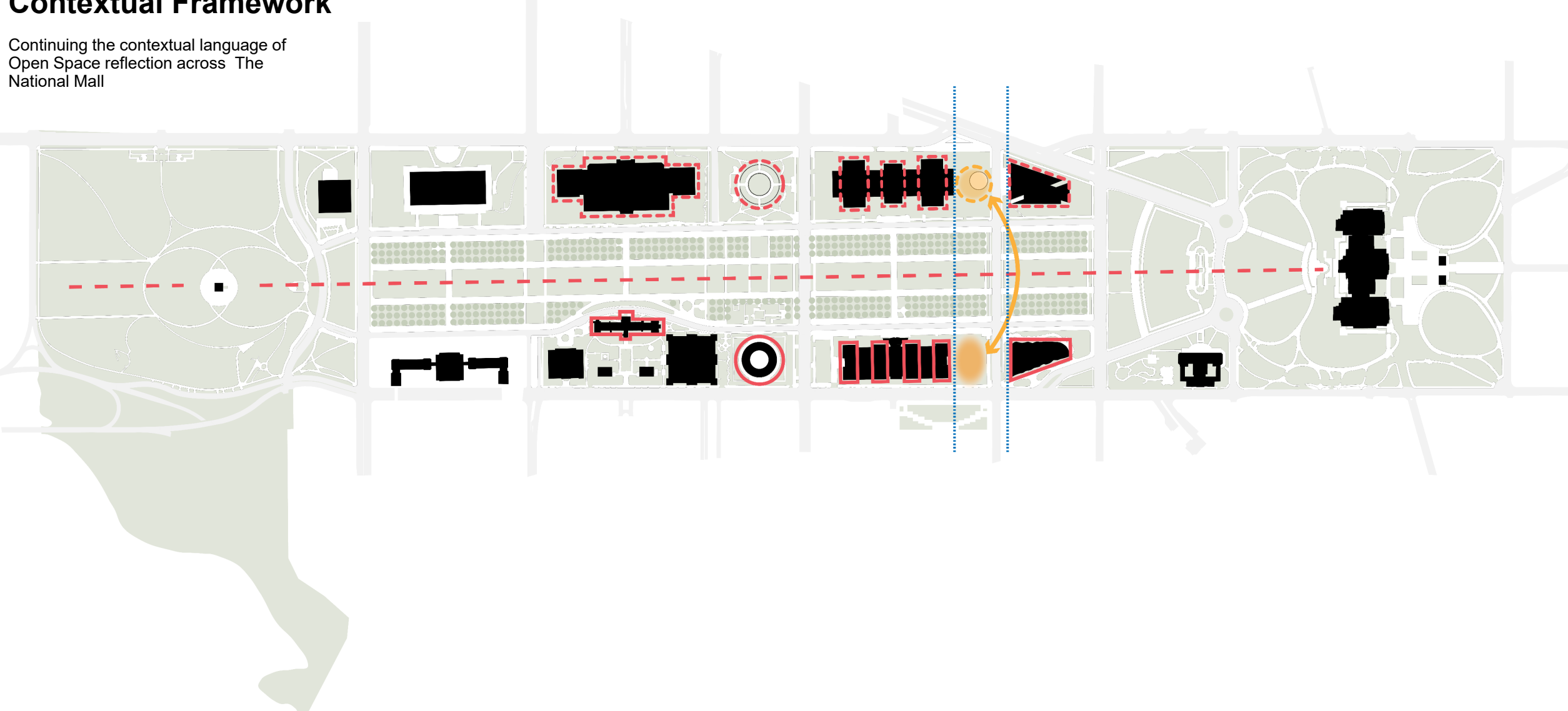
Definition of the McMillan and corresponding setbacks of the South face of NASM



Site Context Pattern – Open Space Reflection

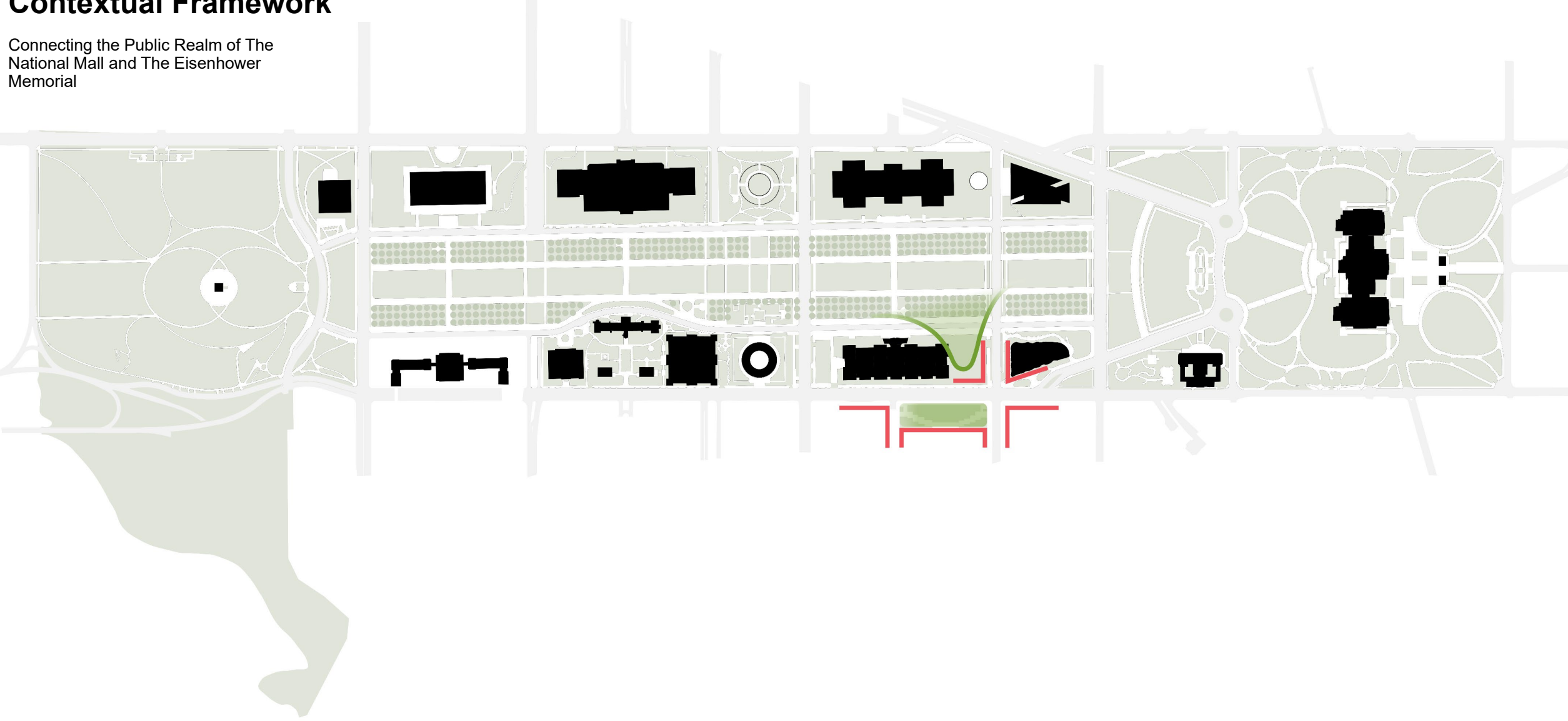
Contextual Framework

Continuing the contextual language of Open Space reflection across The National Mall



Urban Edge and Green Space Contextual Framework

Connecting the Public Realm of The
National Mall and The Eisenhower
Memorial



Site Historical Context

1975 Site Plan

Jefferson Dr

National Air and Space Museum

Independence Ave

4th St



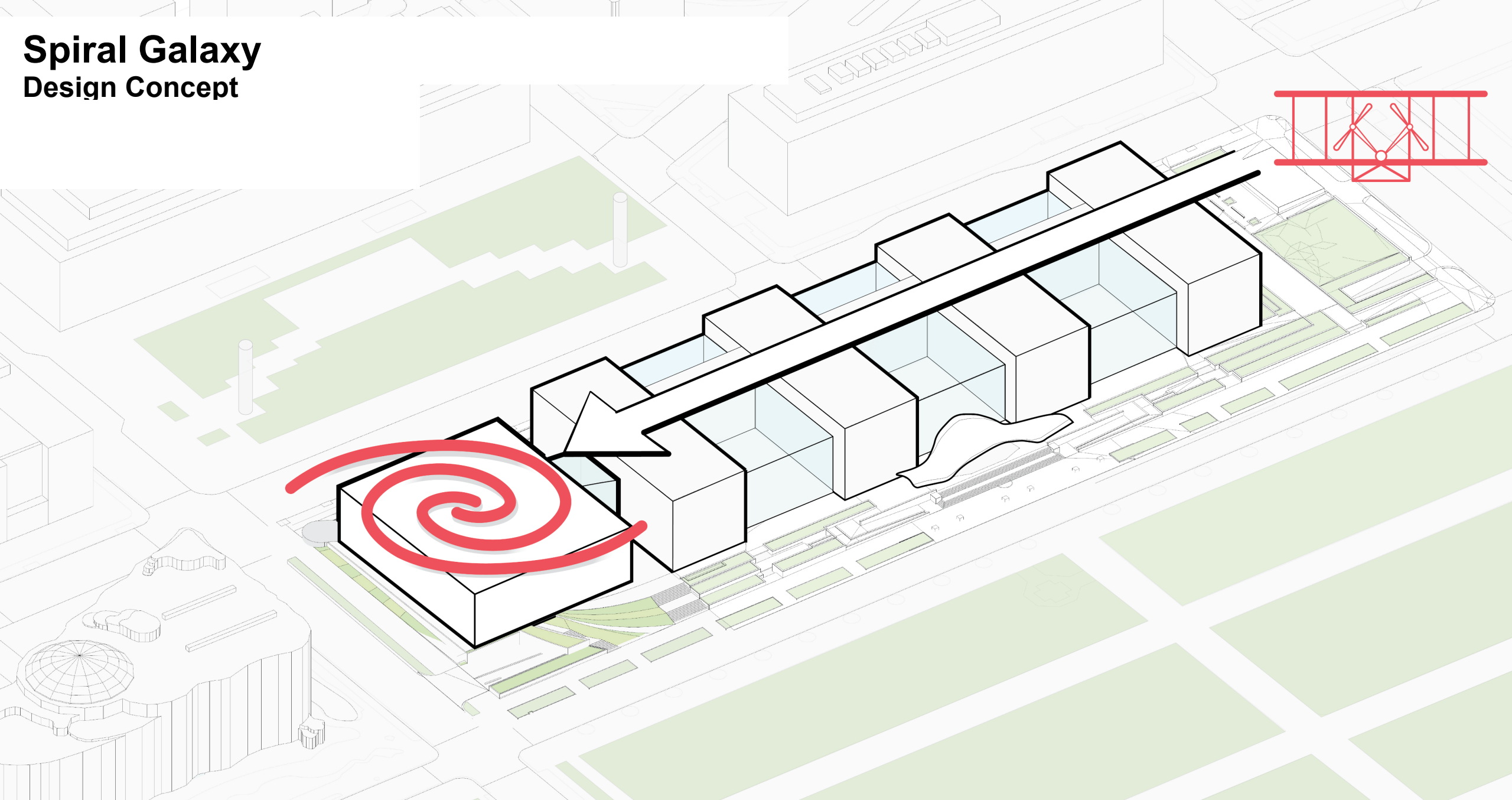
Independence Ave

Jefferson Dr

4th St

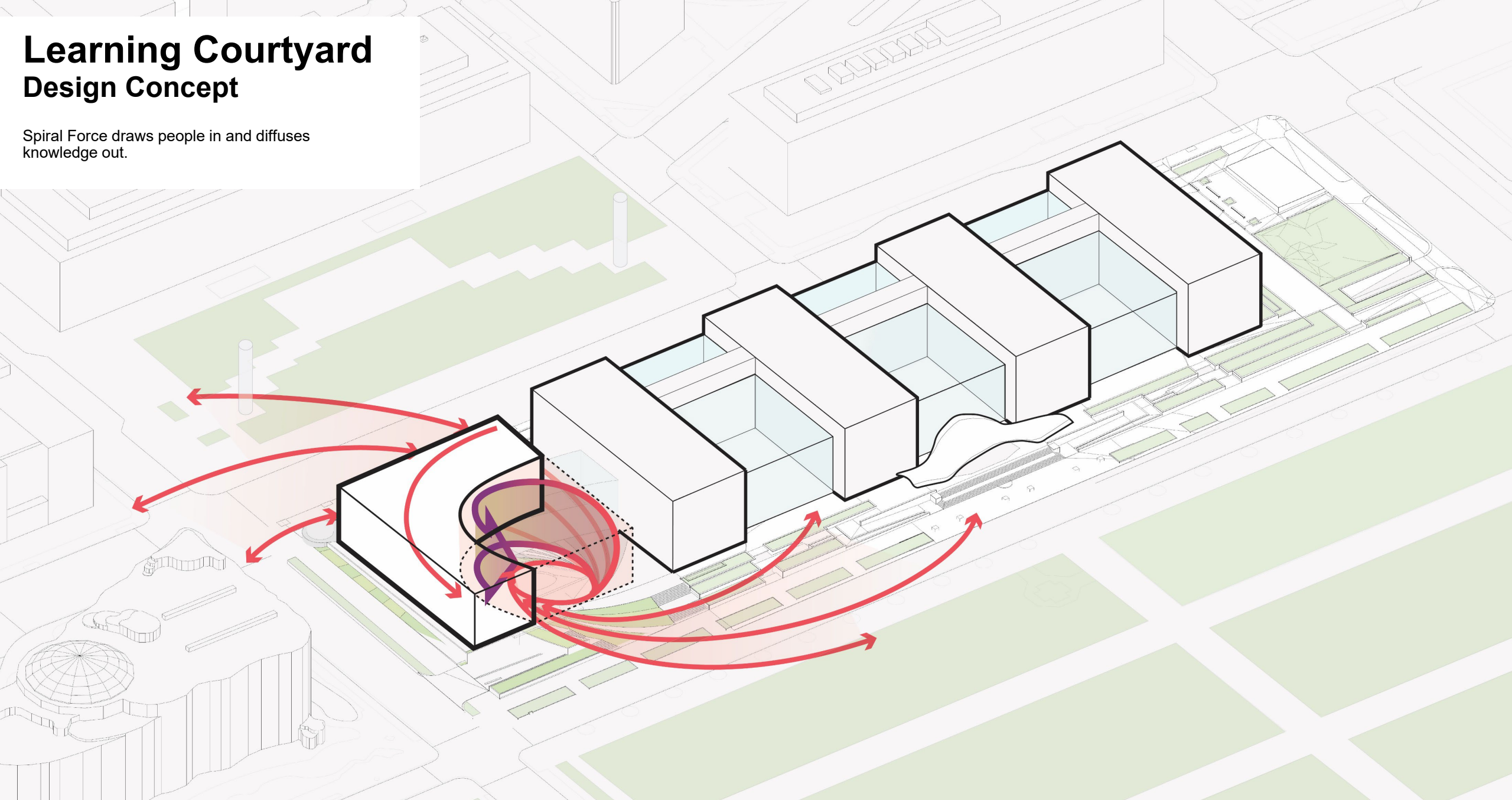


Spiral Galaxy Design Concept



Learning Courtyard Design Concept

Spiral Force draws people in and diffuses knowledge out.





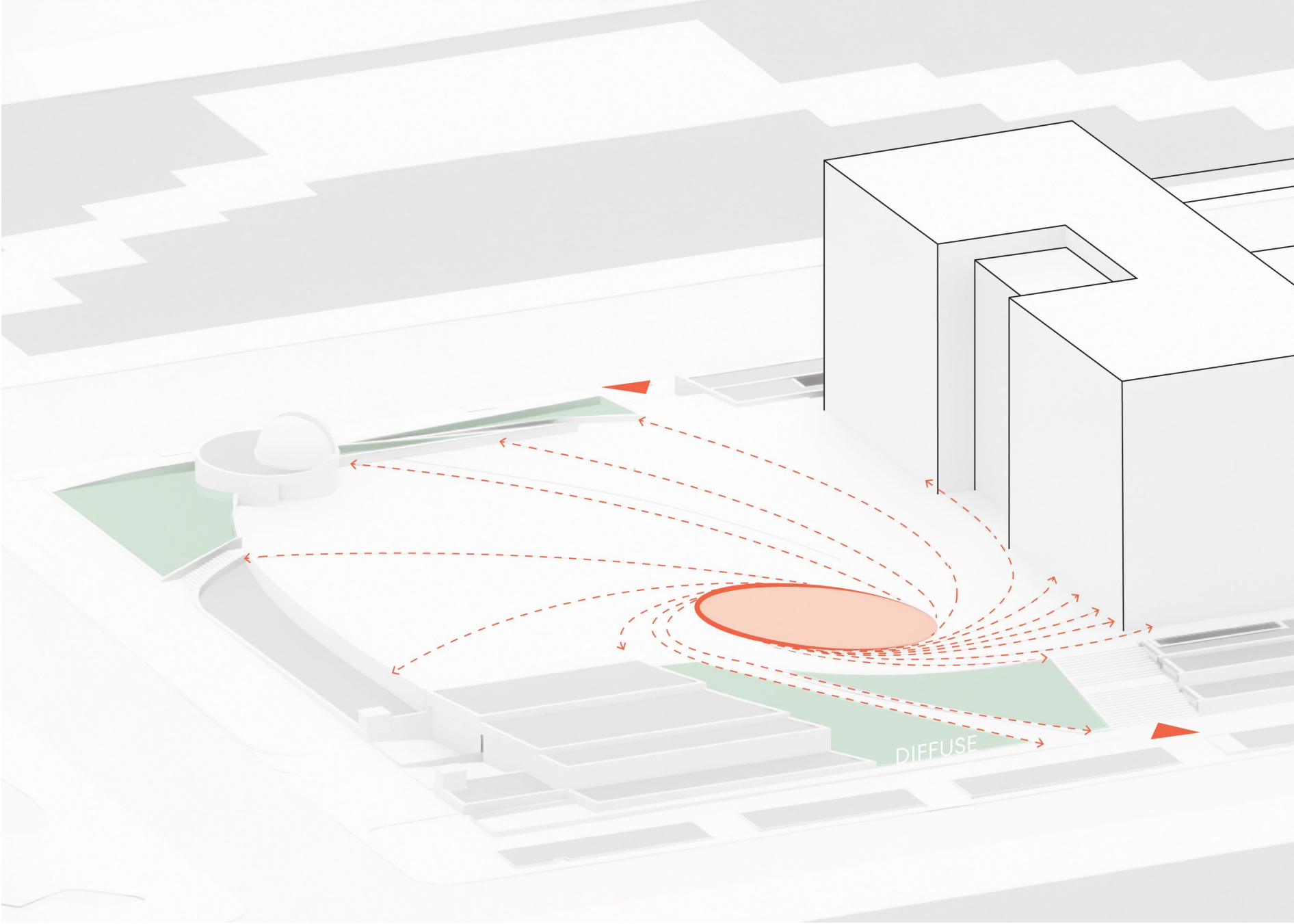
Smithsonian
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Architecture and Landscape Design

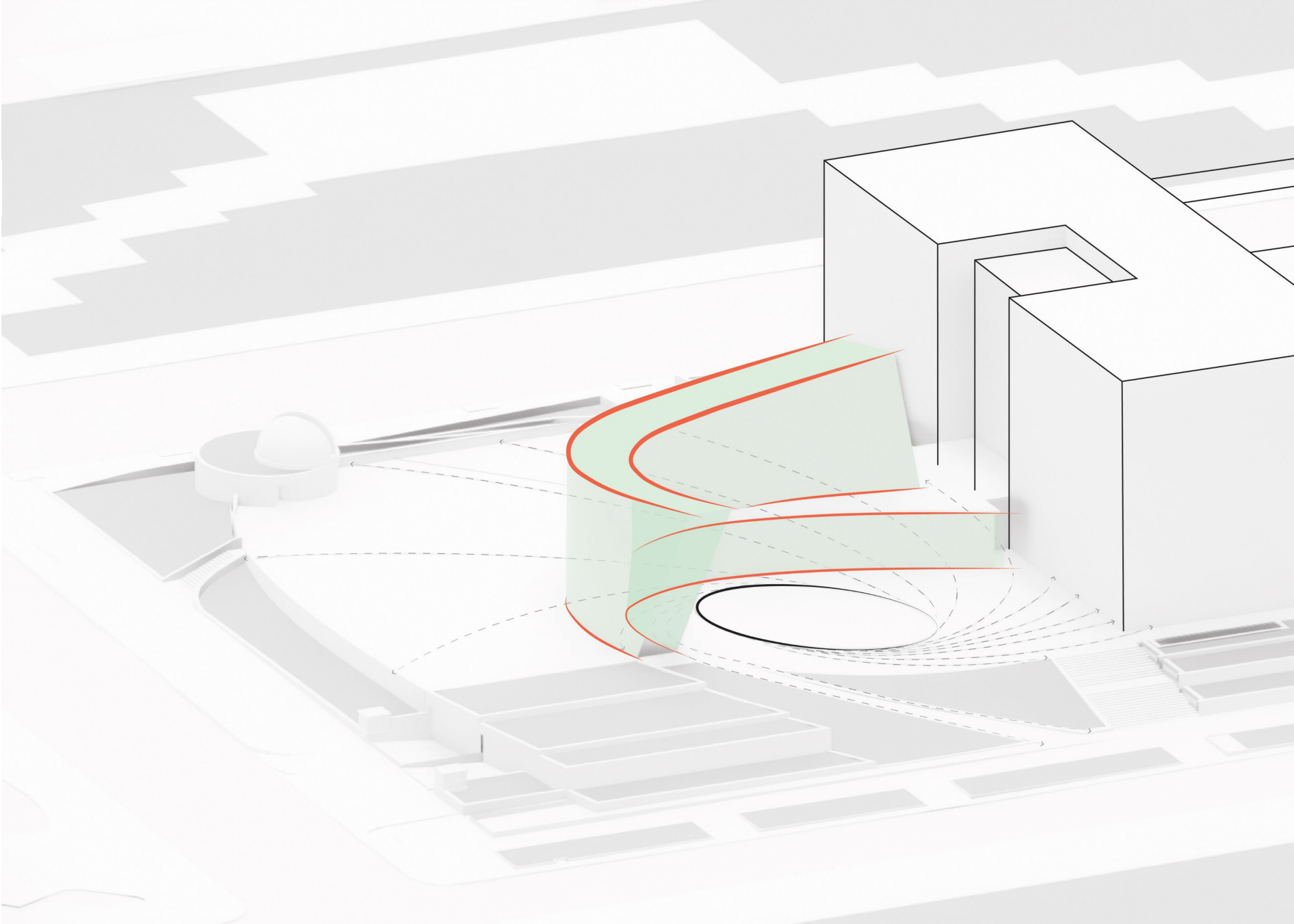
Spiral Galaxy Massing Progression

The Spiral Galaxy as the basis of form generation. The dynamic nature is an intervention to open to the National Mall and Eisenhower Memorial and **Draw People In**



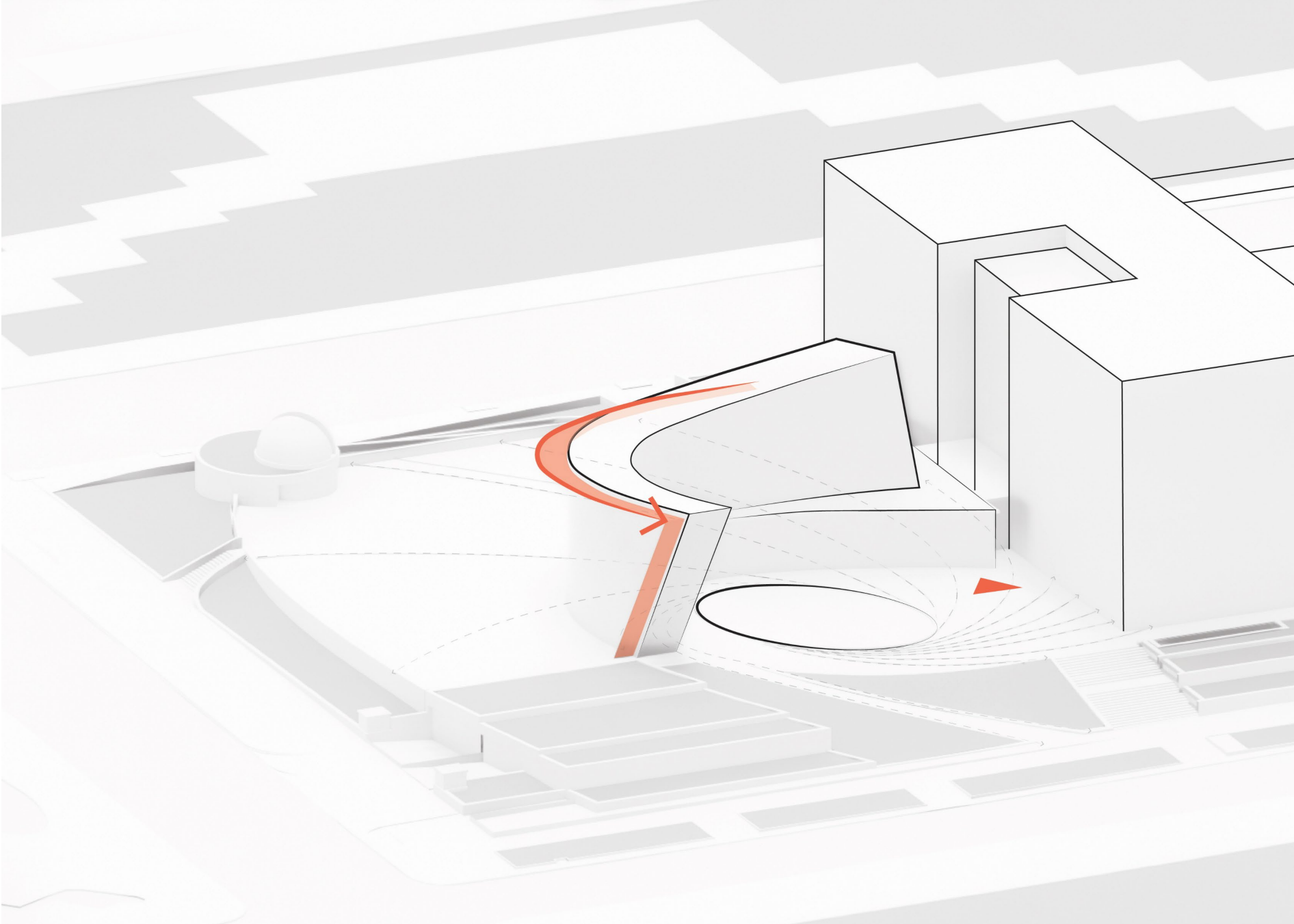
Transparency Massing Progression

The North face opens up to the Mall to **draw people in**. The internal Spiral Band (Gallery) is faced with transparency to **Diffuse Knowledge Out**



Circulation Massing Progression

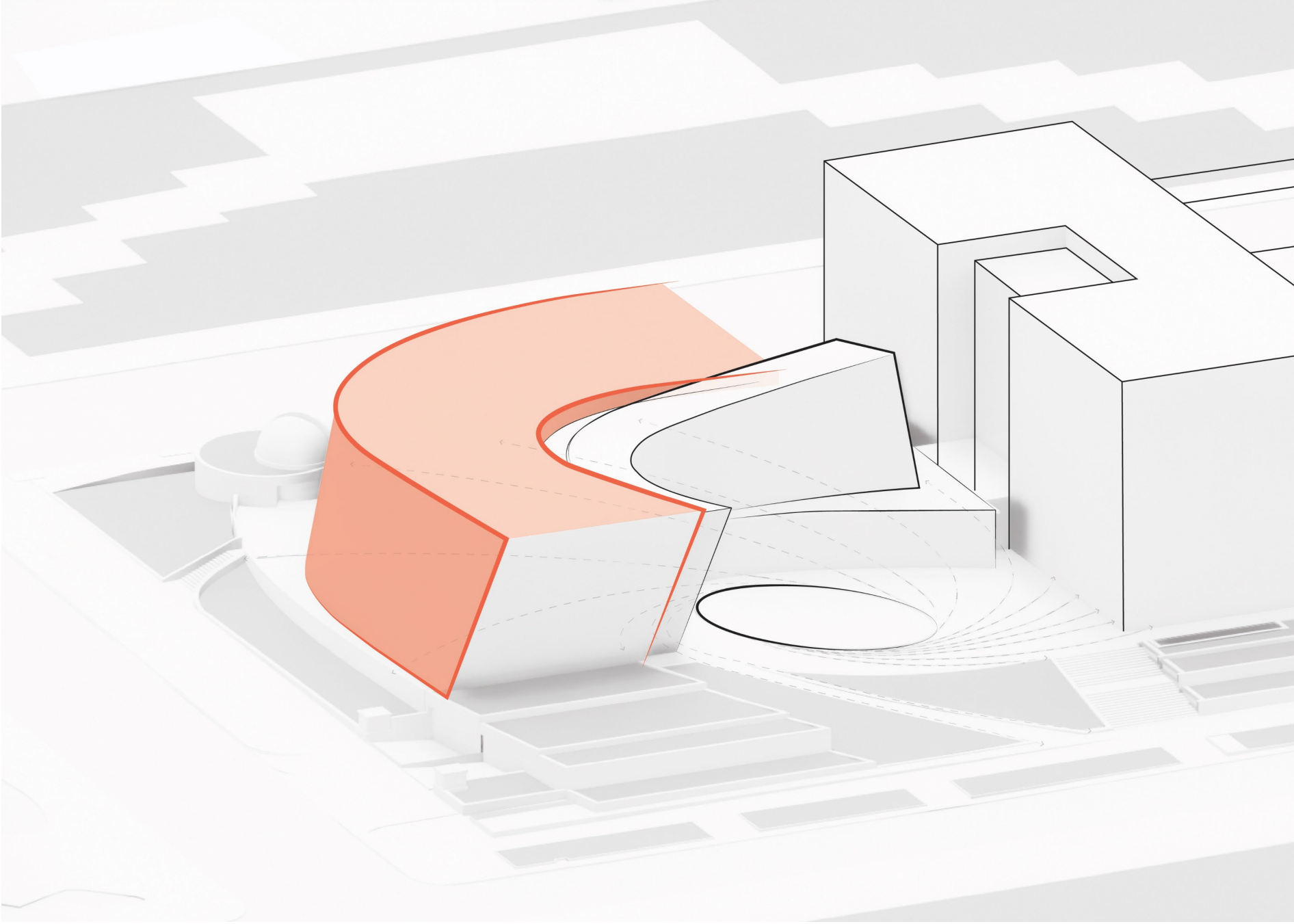
The Circulation Spine is continuous along the Spiral Gallery Atrium overlooking the National Mall



Purpose

Massing Progression

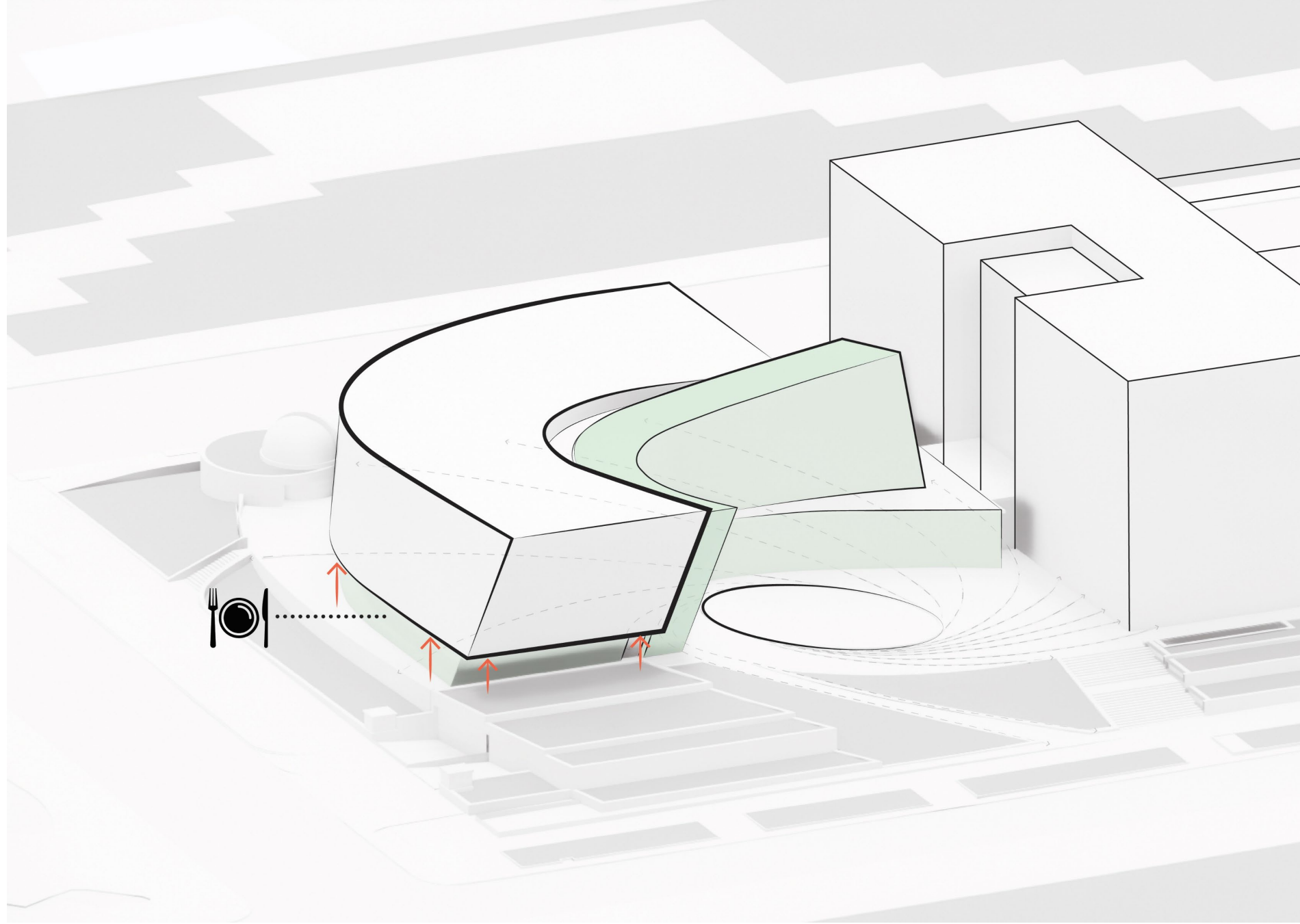
The outer Spiral Band is filled with purpose. Dining, Learning and Experience stacked up vertically



Lift

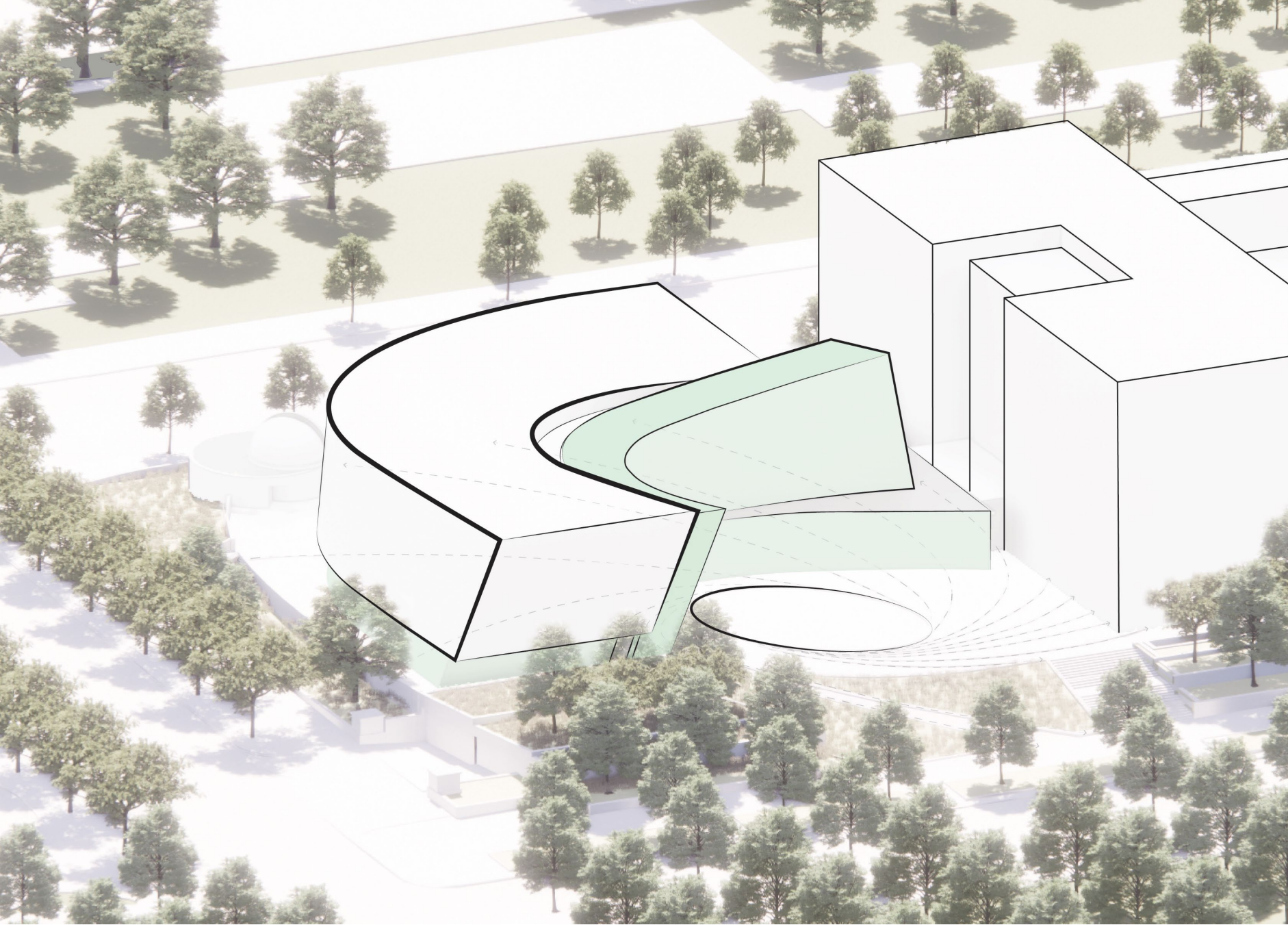
Massing Progression

Separation of Purpose, lifting the volume of Learning and Experience of the BLC as a Pavilion-like Structure and letting the transparency of the base be infilled with Dining and connection to the Green around

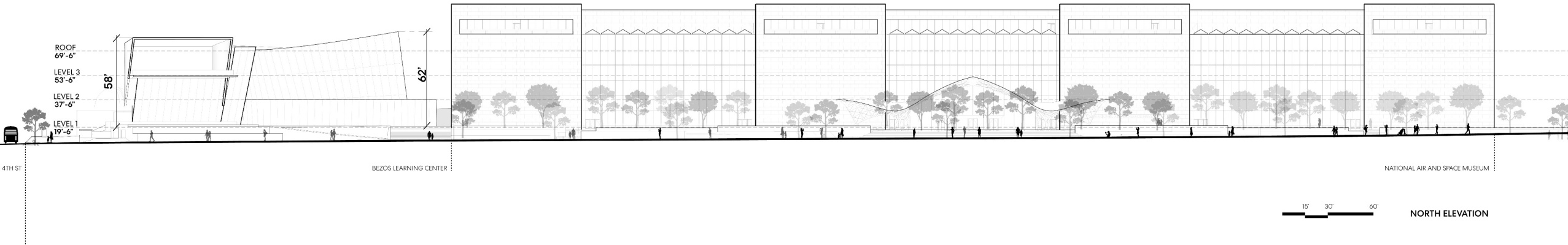
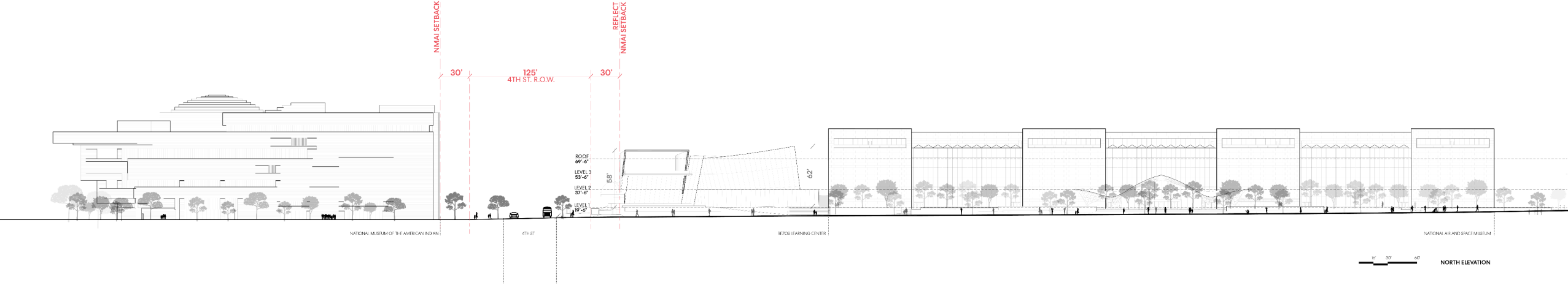


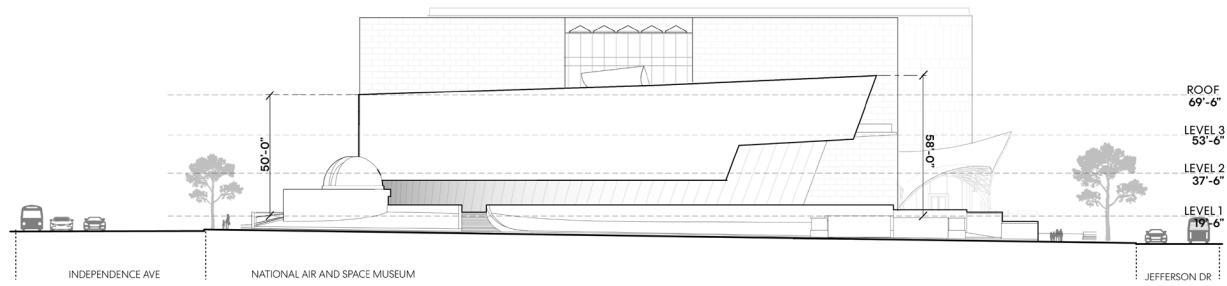
Pavilion in the Garden

The form lightly hovers over the Green Landscape between the National Mall and Eisenhower Memorial, embracing the connection between the two.

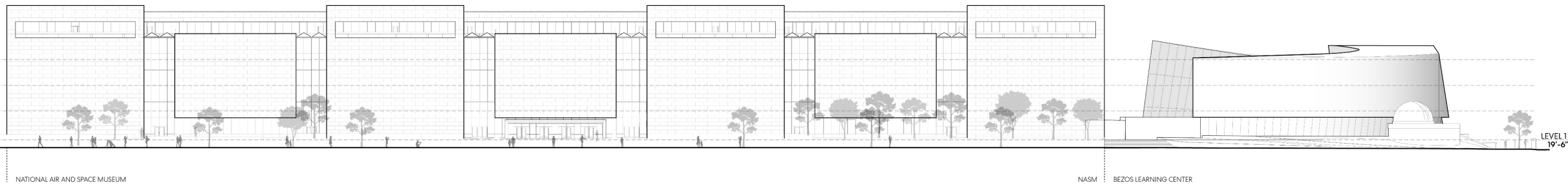
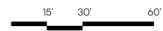


North Elevation Pavilion in the Garden

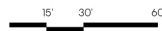


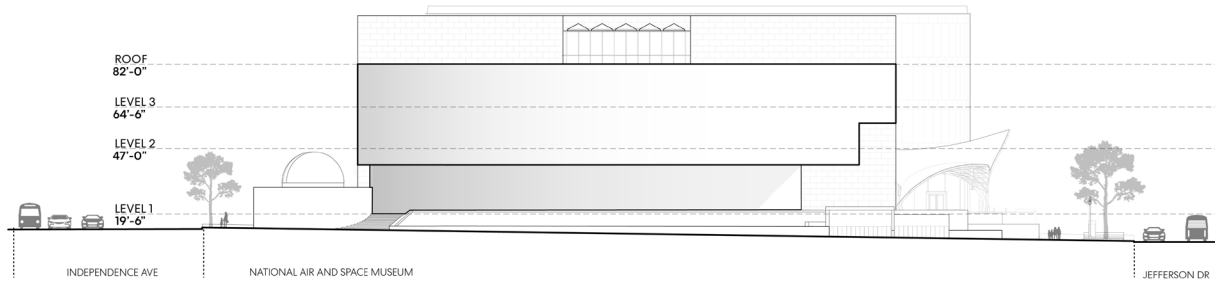


EAST ELEVATION

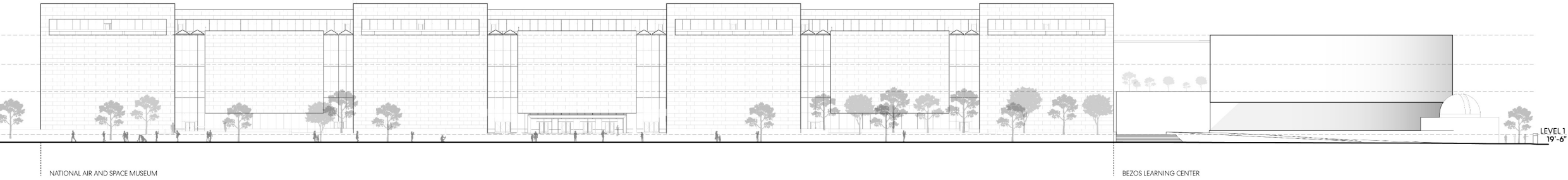
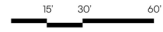


SOUTH ELEVATION

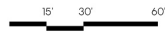


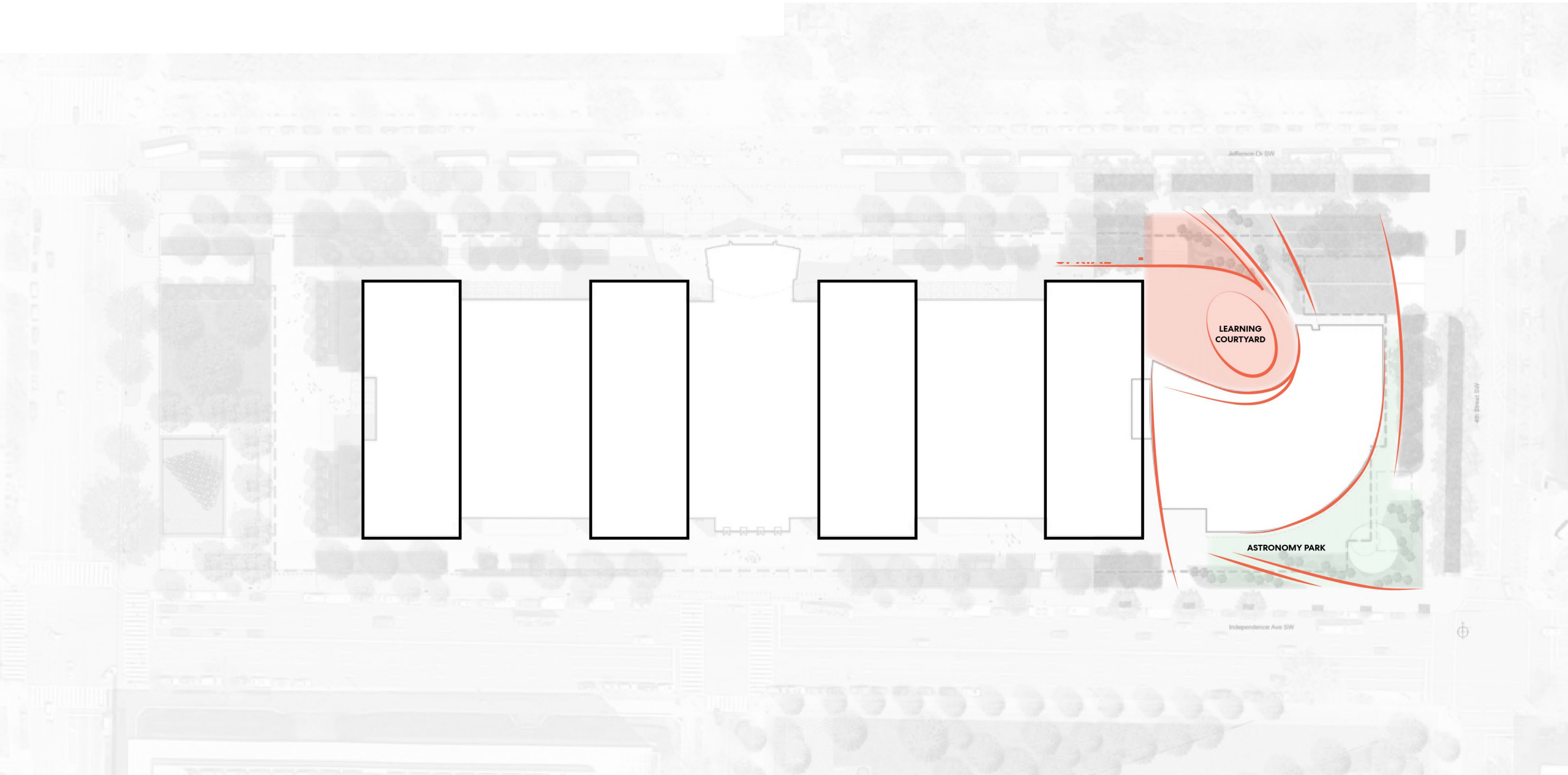


EAST ELEVATION

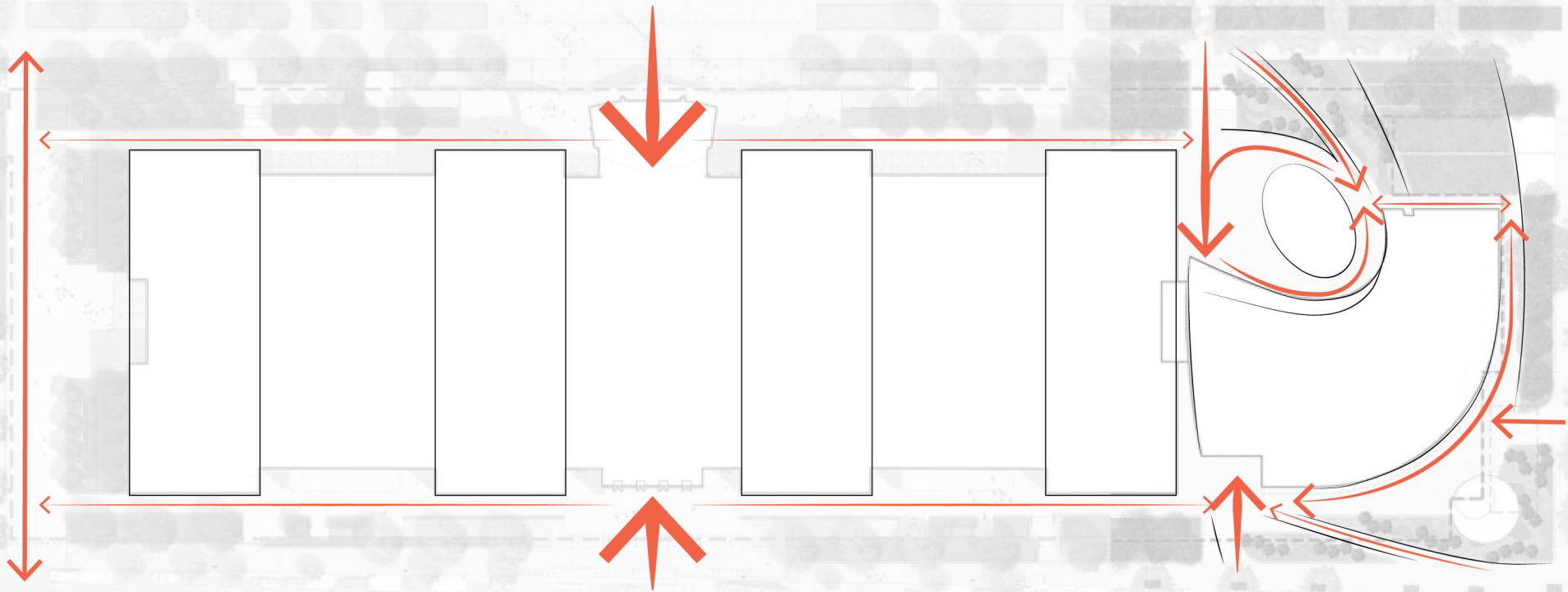


SOUTH ELEVATION



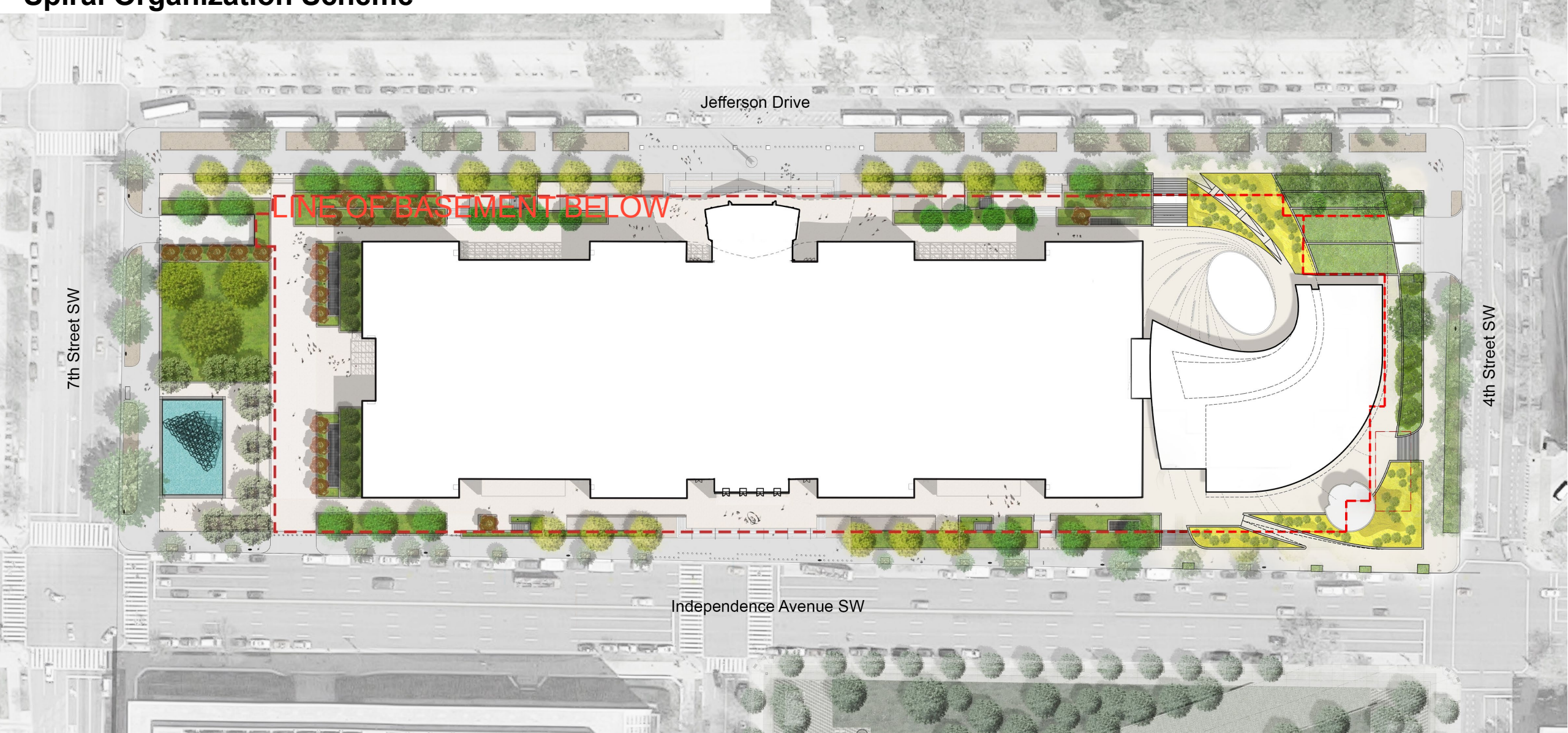


Site Perambulation Spiral Organization Scheme



Site Plan

Spiral Organization Scheme



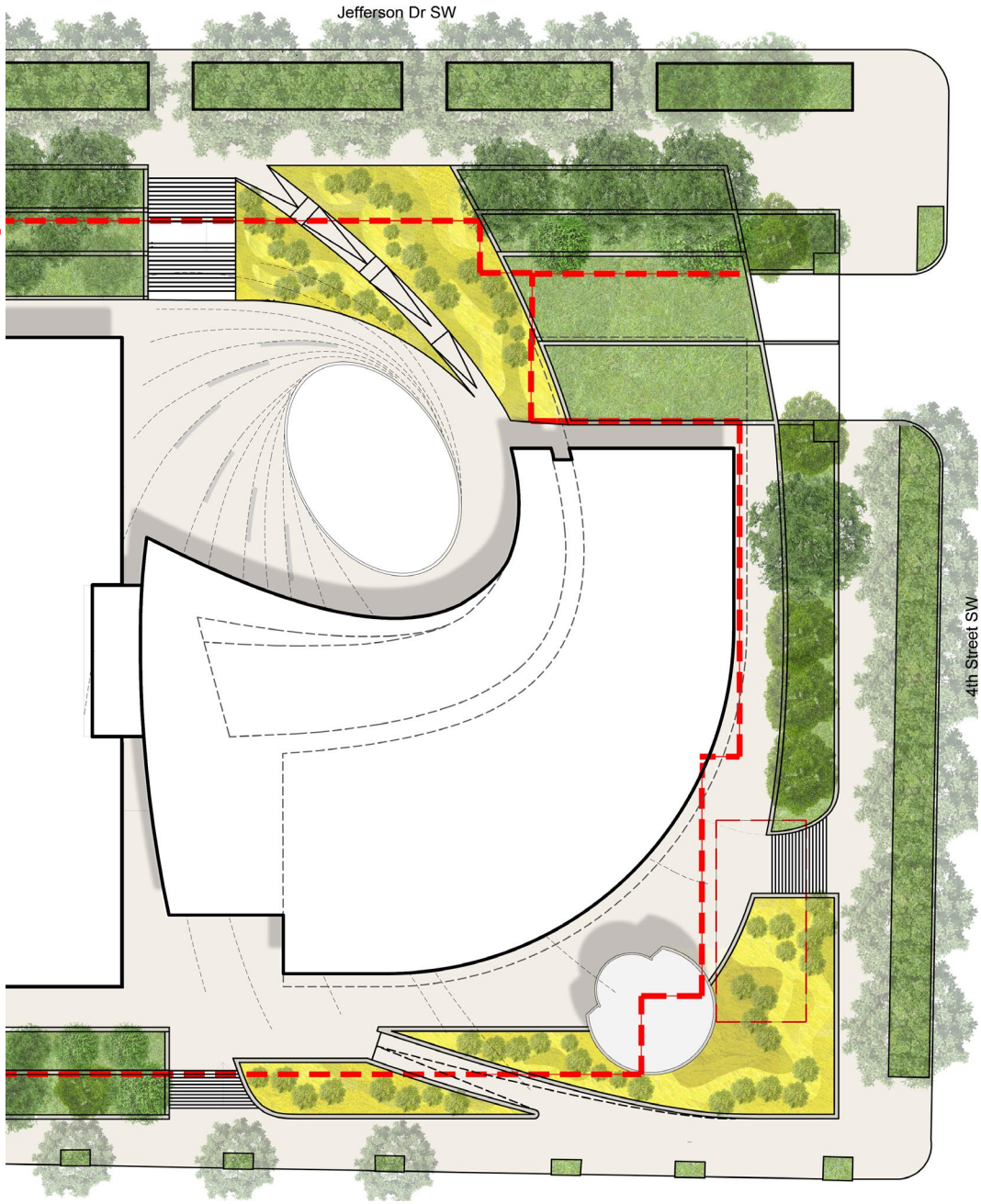
Landscape Plan & Planting Palette

LINE OF BASEMENT BELOW

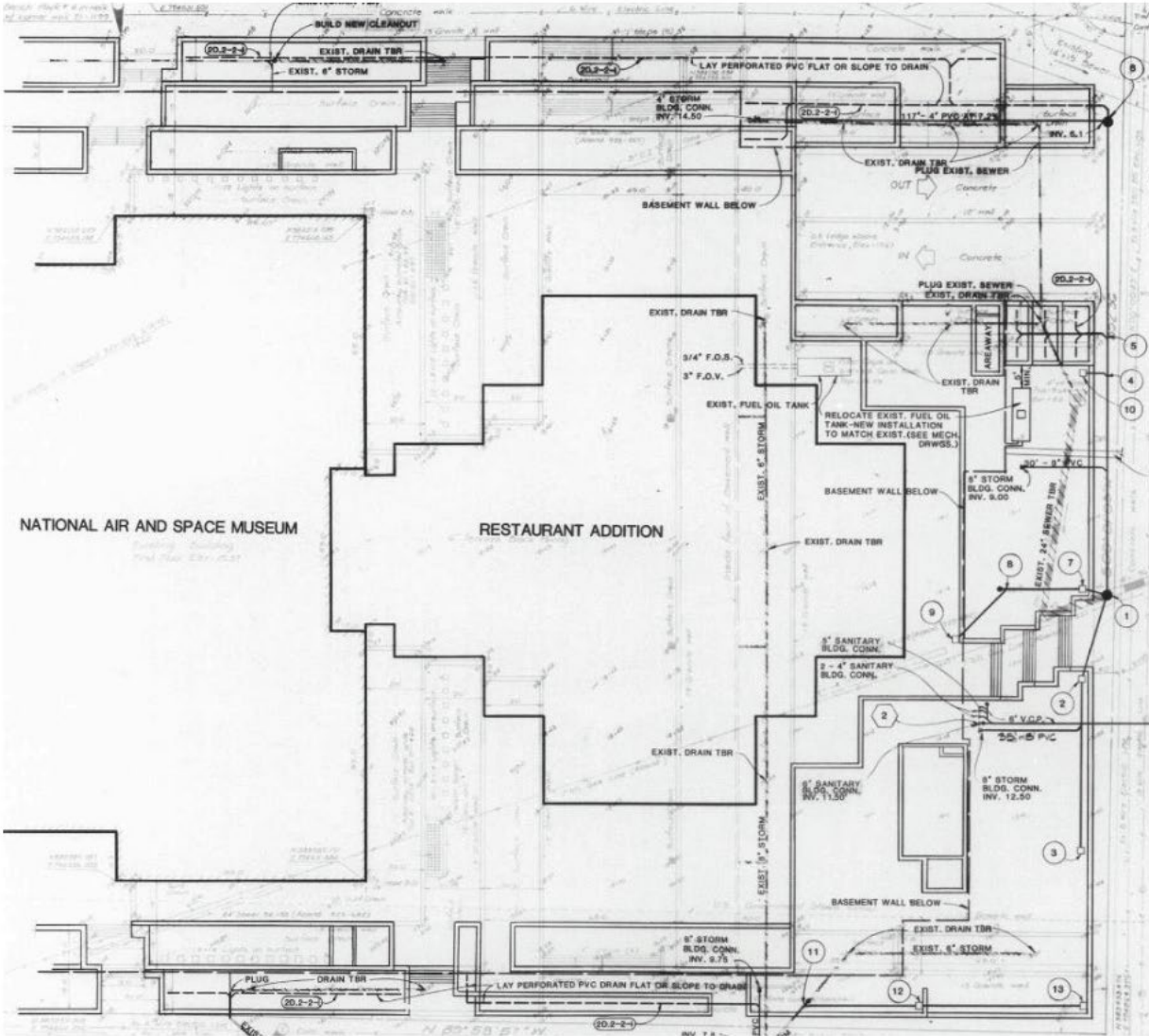


 Existing & Restored Plantings

 New Landscape Plantings

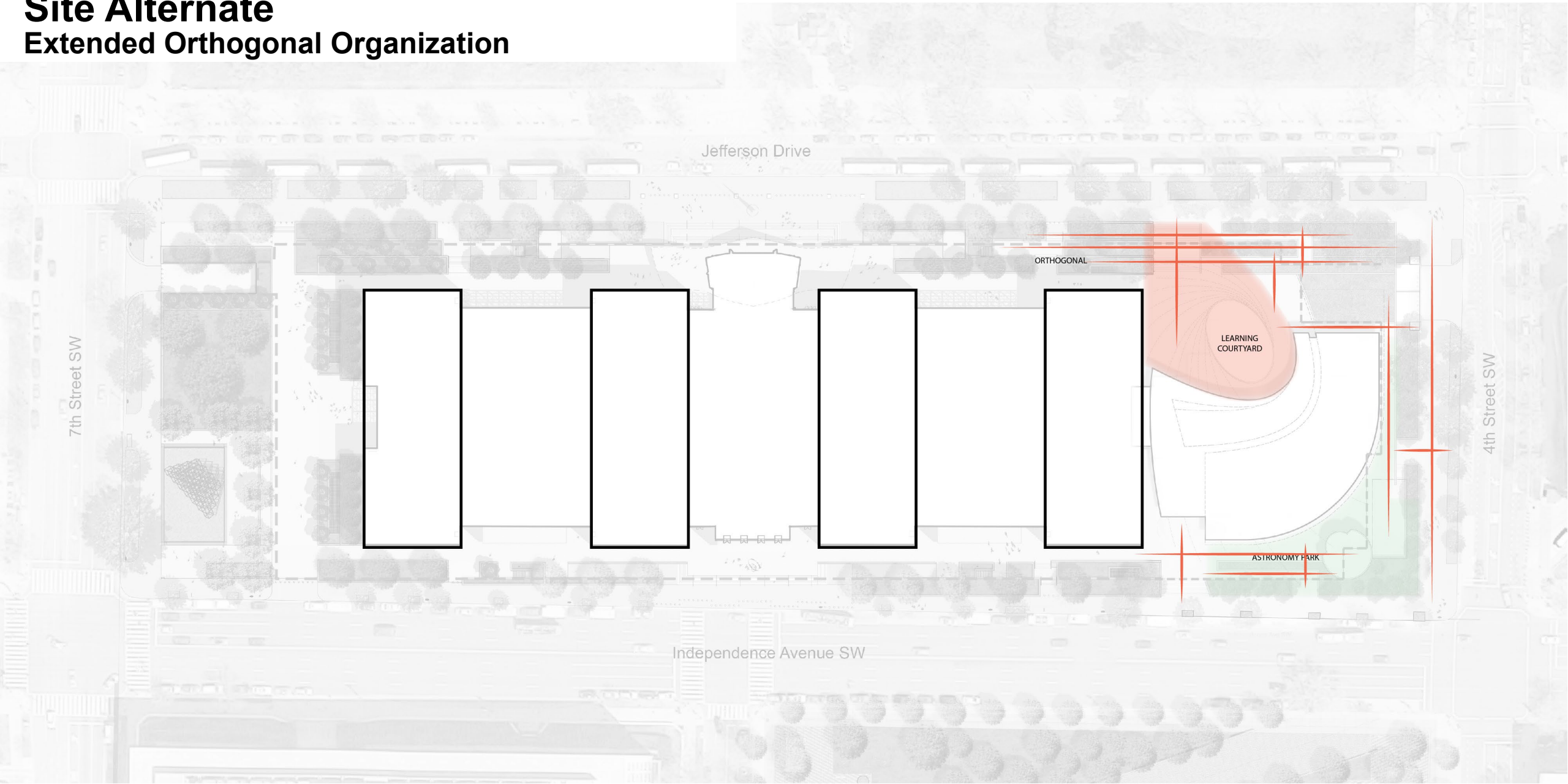


Restaurant Terrace Plan 1986

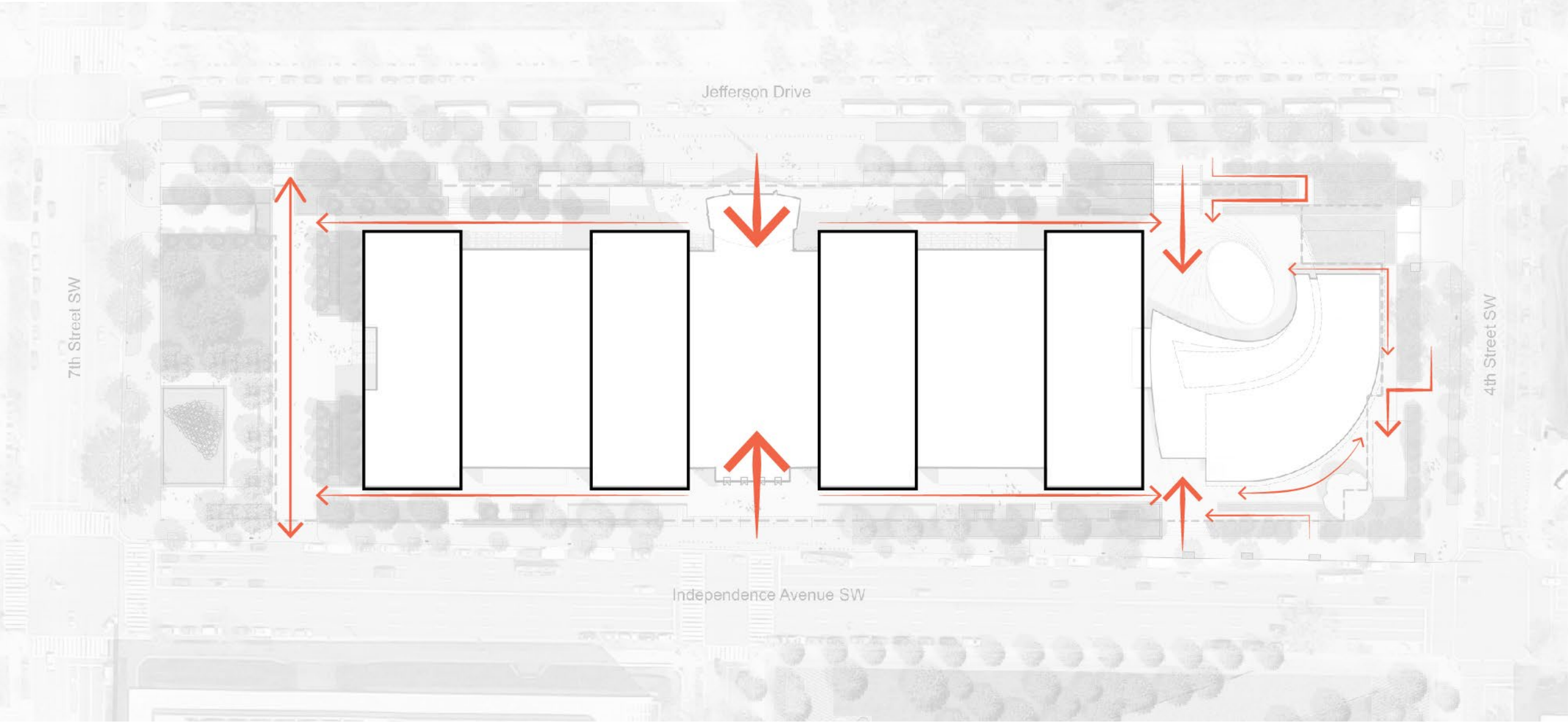


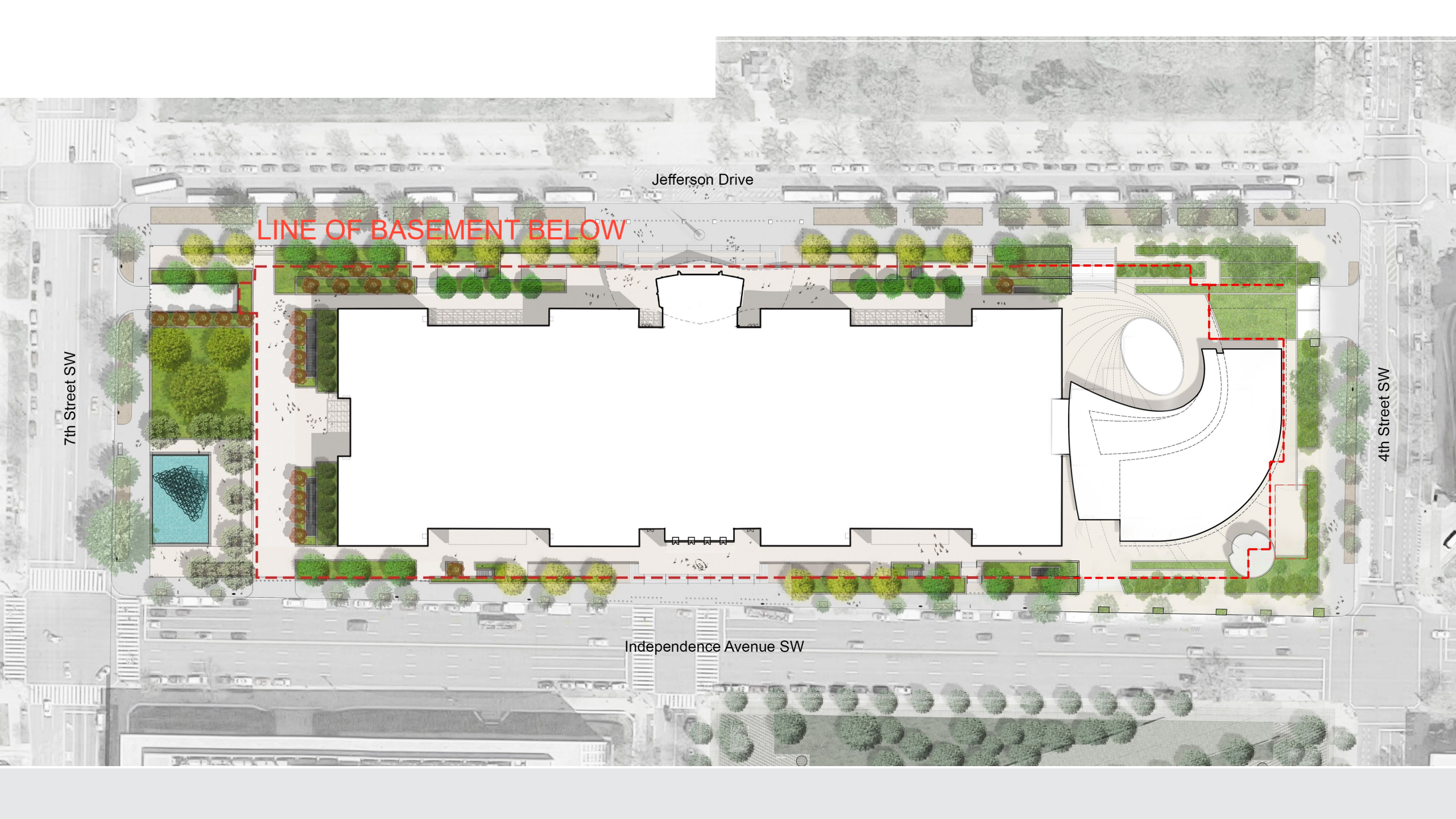
Site Alternate

Extended Orthogonal Organization



Site Alternate - Perambulation Extended Orthogonal Scheme





Jefferson Drive

LINE OF BASEMENT BELOW

7th Street SW

4th Street SW

Independence Avenue SW

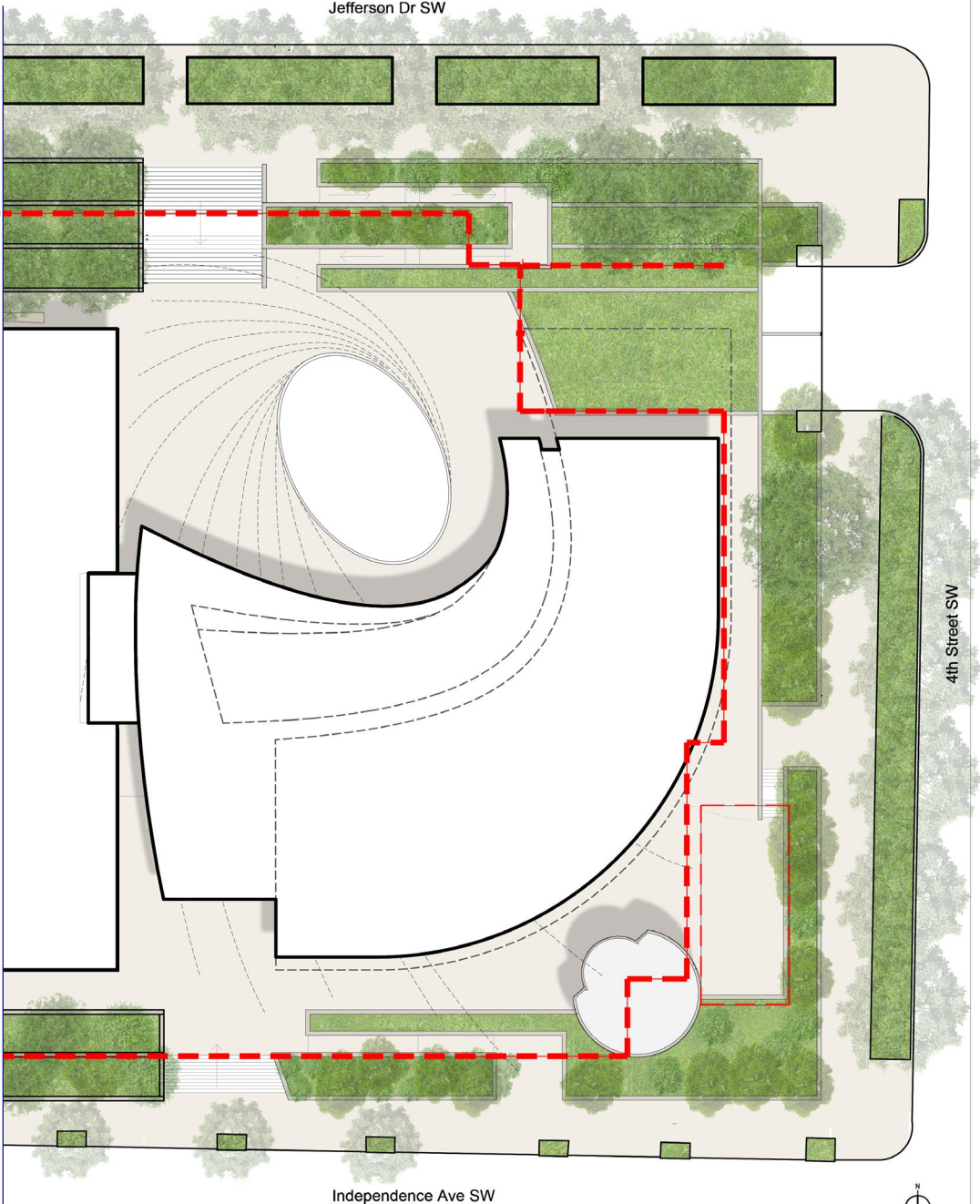
Site Alternate – Landscape Plan

LINE OF BASEMENT BELOW

Legend



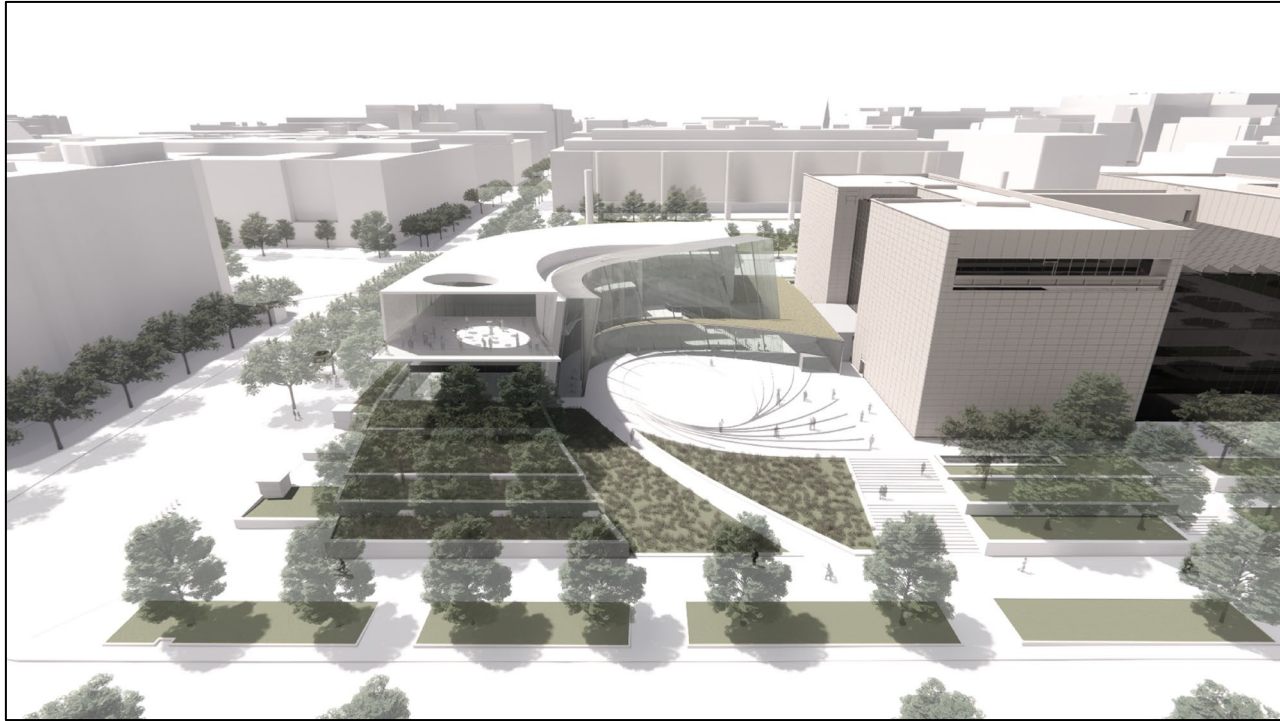
Existing & Restored Plantings



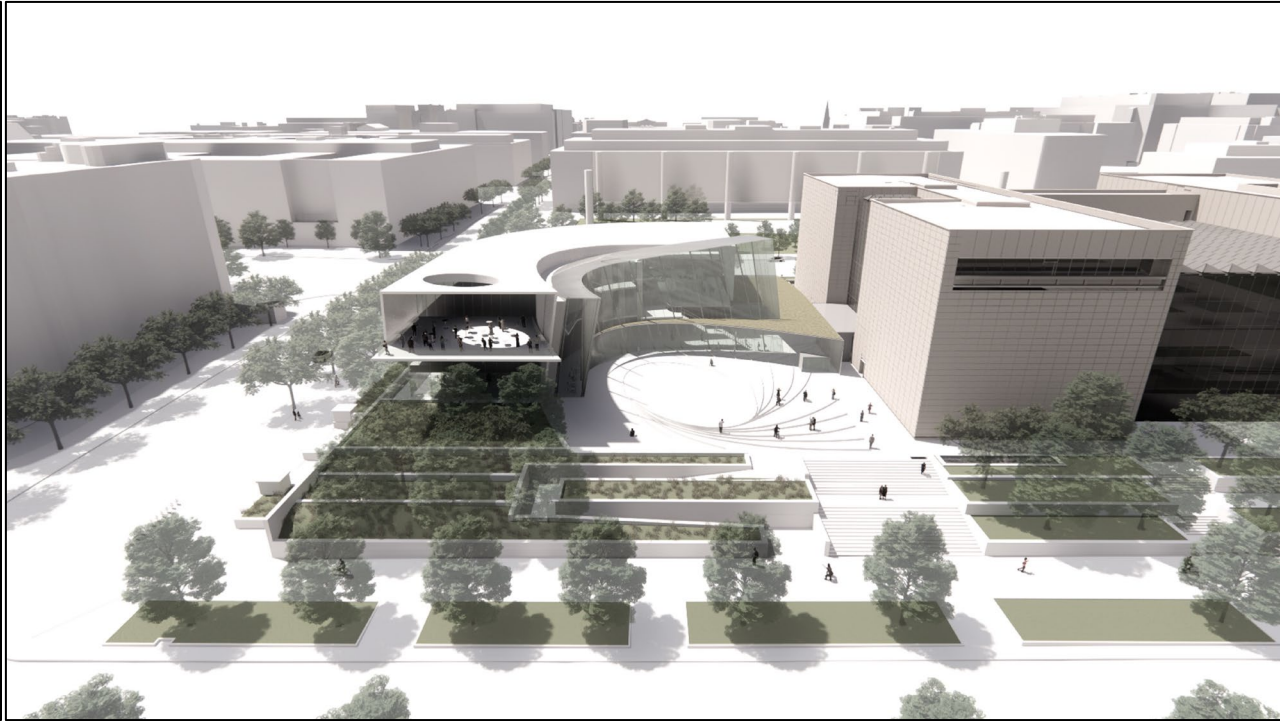
Landscape Comparison

Spiral vs Orthogonal

North Aerial View



Spiral

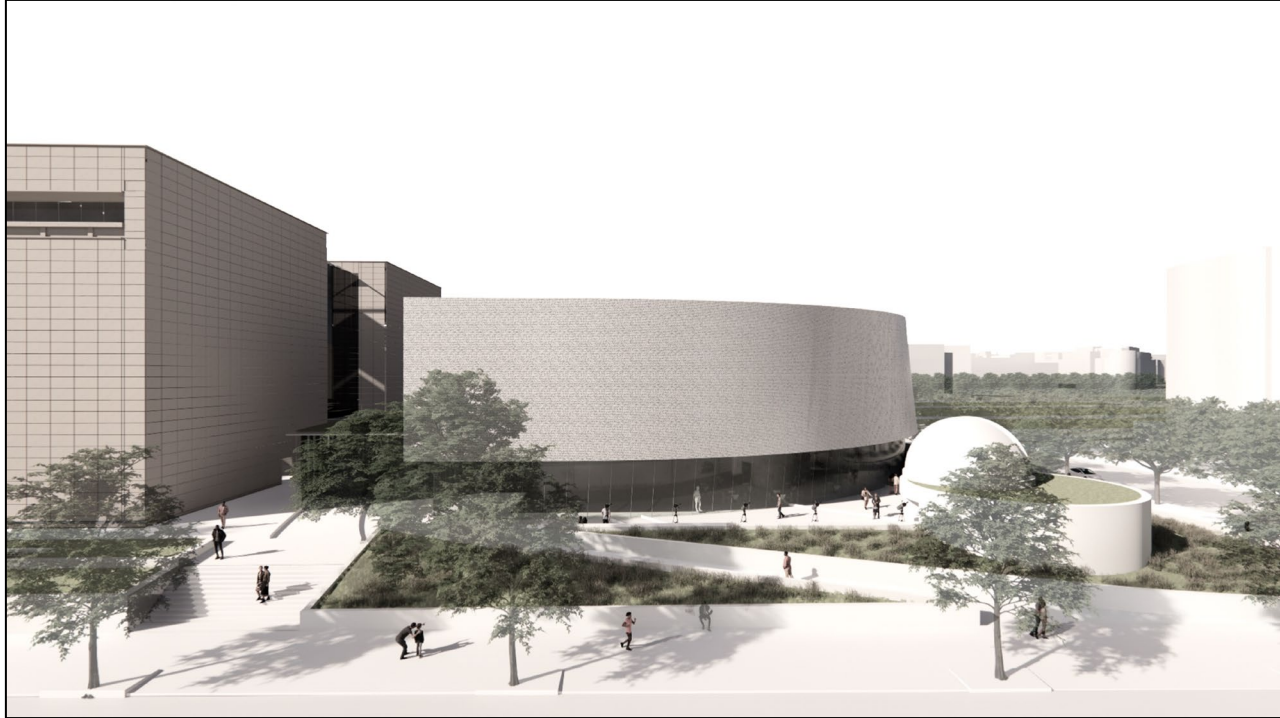


Orthogonal

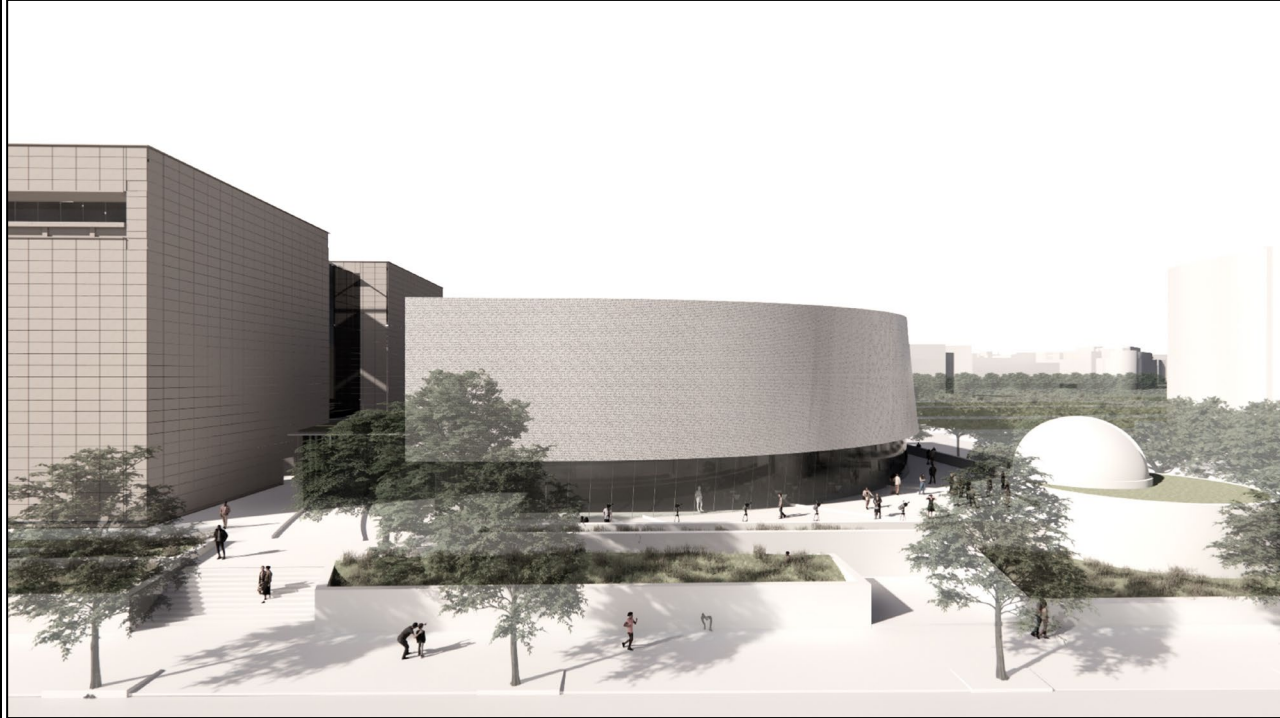
Landscape Comparison

Spiral vs Orthogonal

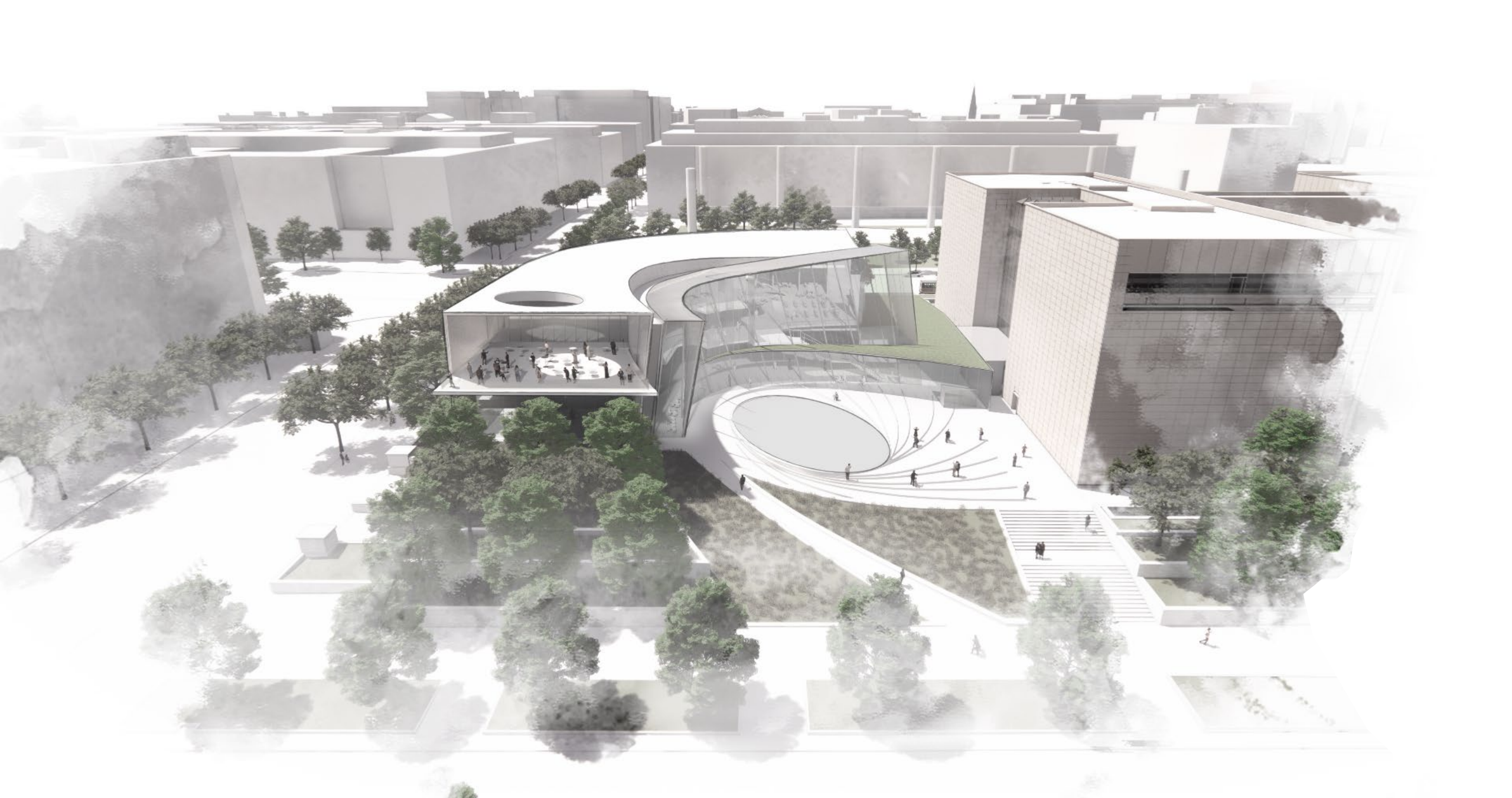
South Aerial View



Spiral



Orthogonal



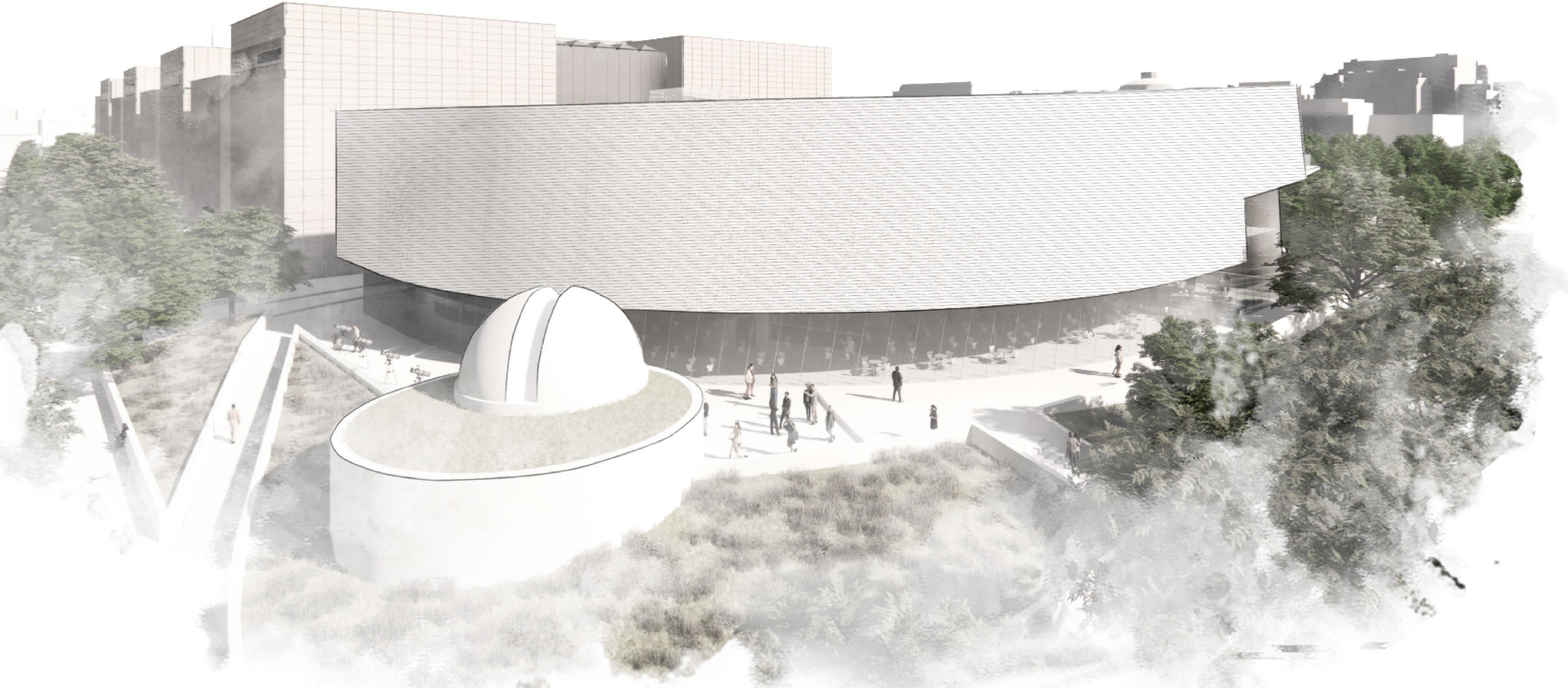
Construct Integrated Bezos Learning Center

Northeast Aerial

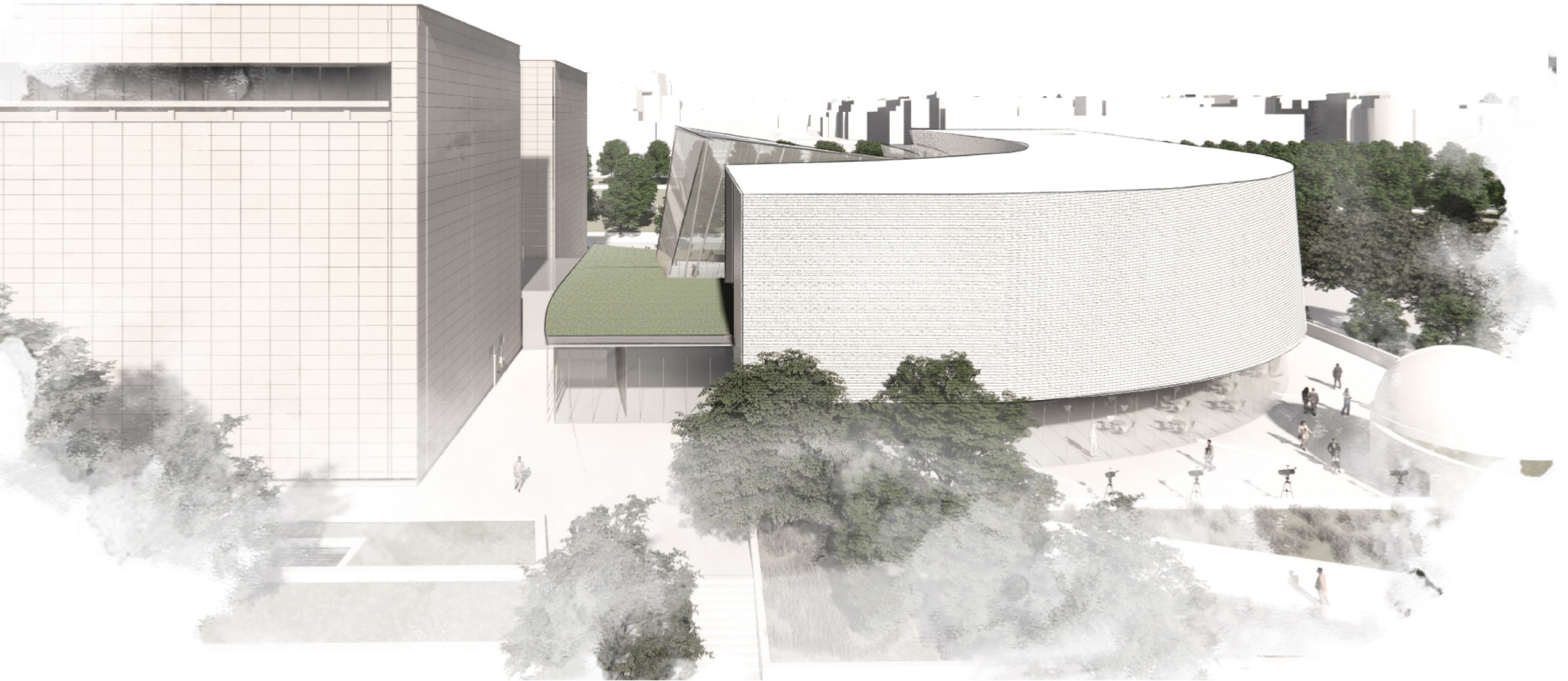


Construct Integrated Bezos Learning Center

Southeast Aerial



Construct Integrated Bezos Learning Center



Construct Integrated Bezos Learning Center

Questions and Comments

Moderator

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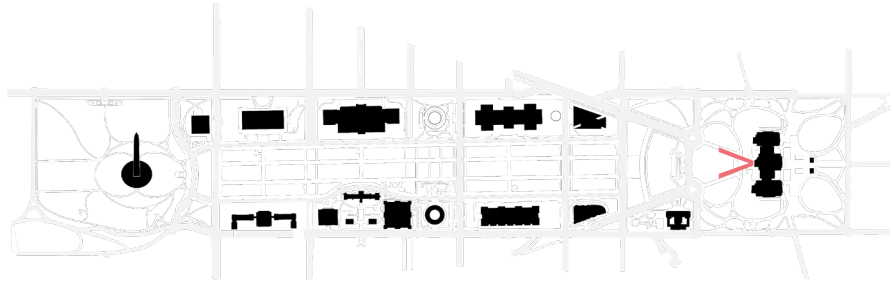
Scott

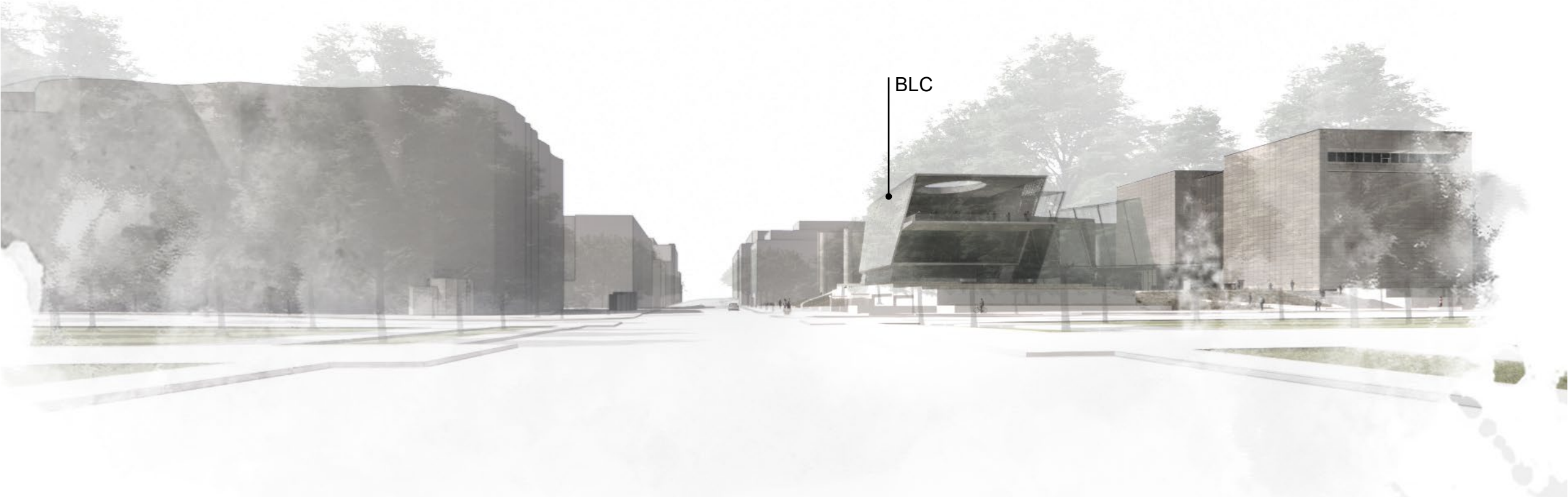
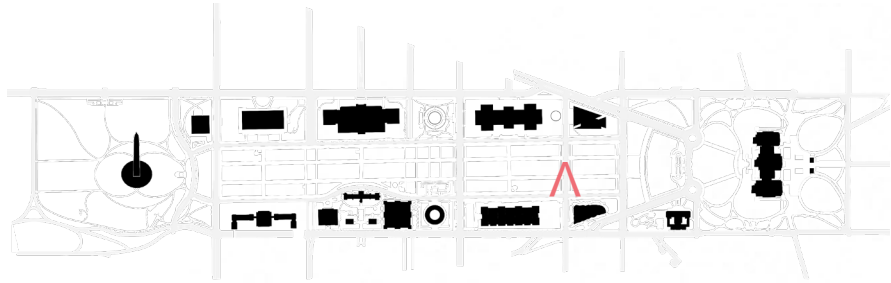


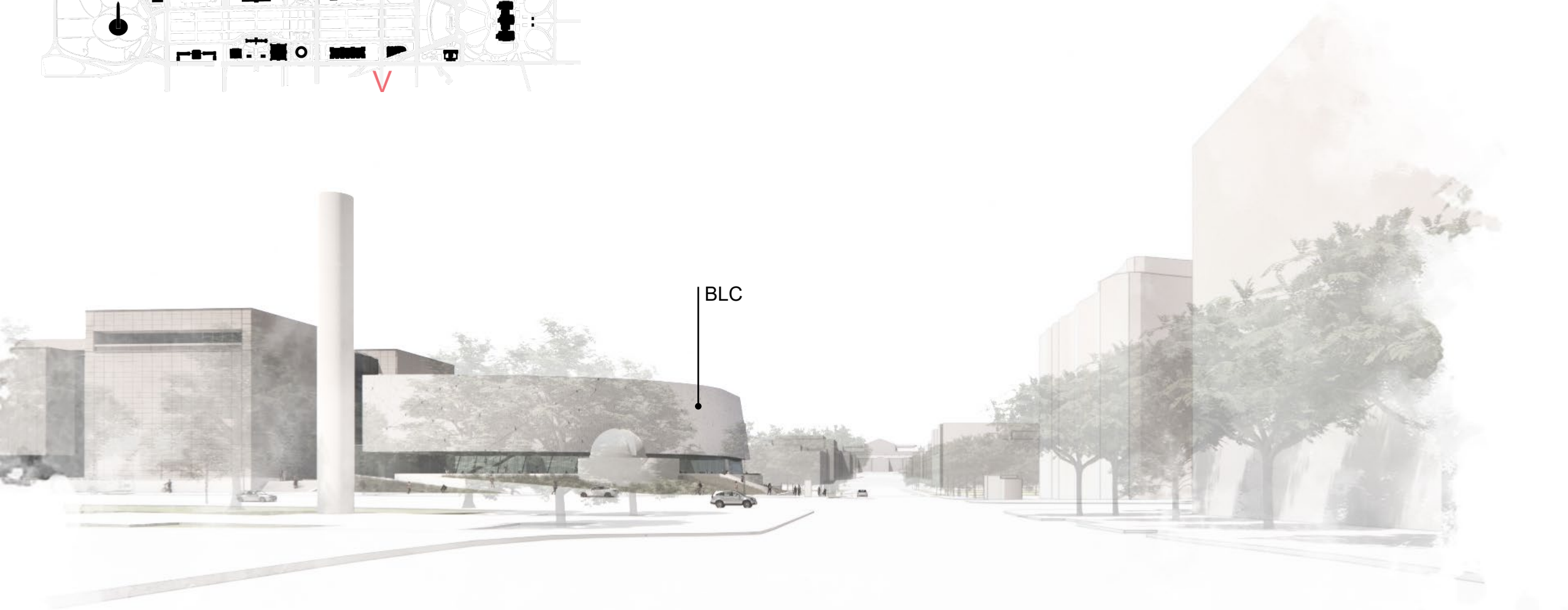
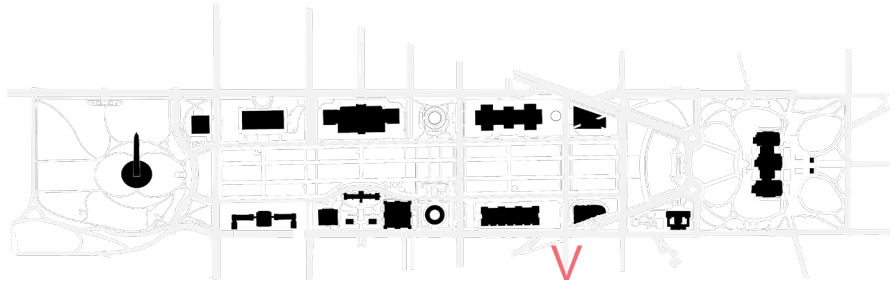
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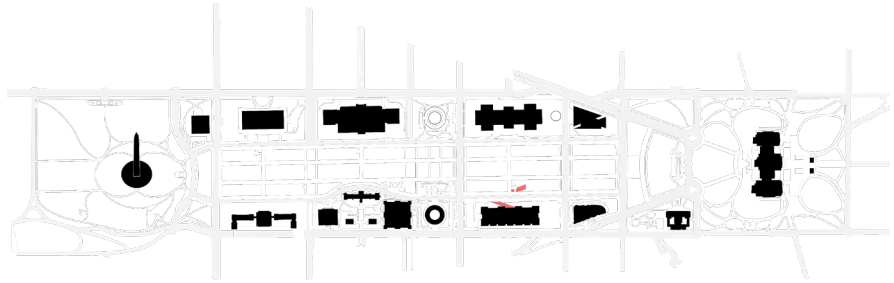


View Sheds

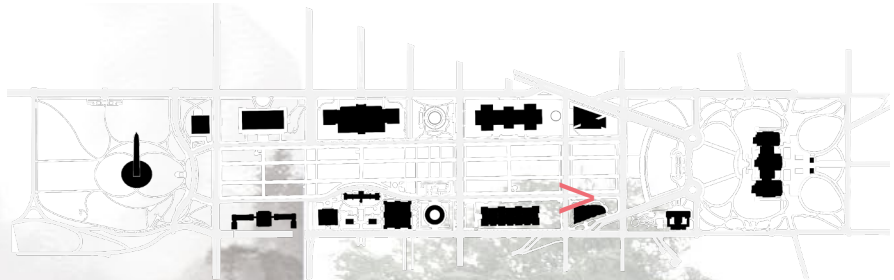








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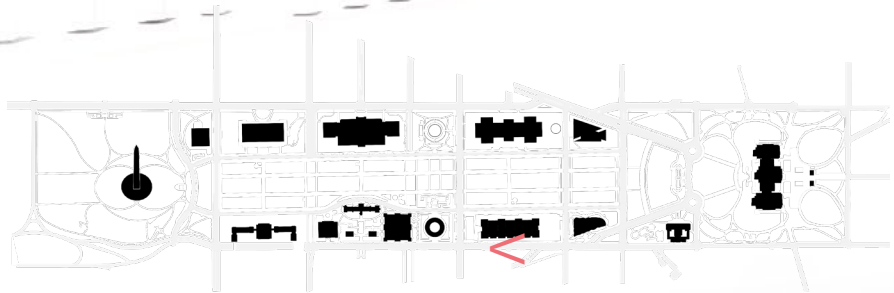


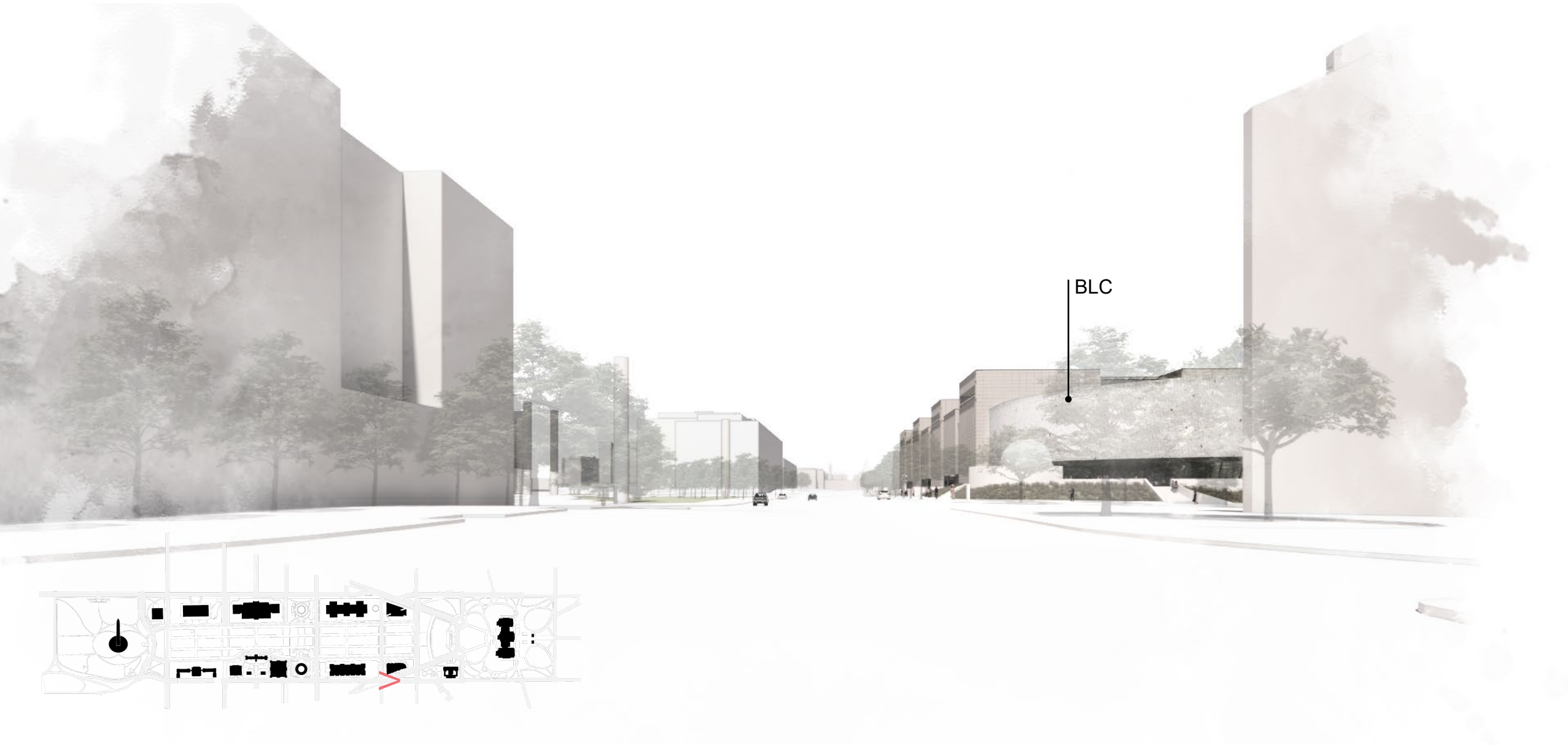
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Next Steps

Section 106, NEPA and Project Schedule

Date	Milestone	Notes
August 9, 2023	Consulting Parties Meeting #1	Project introduction Initiate Section 106 consultation
November 1, 2023	Consulting Parties Meeting #2 NEPA Scoping	Review purpose and need Review potential environment impacts Review concept design alternatives
November 6, 2023	Tour the NASM Site	9:30-10:30am Meet at the NW corner of Jefferson Drive and 4th Street SW
February 2024	Consulting Parties Meeting #3	Design Update
November 2023 - November 2024	Development of draft EA	NEPA analysis ongoing
May 2024 – February 2025	Consulting Parties Meetings	Section 106 consultation ongoing
Spring 2025	Final Design Submissions	NEPA FONSI and Section 106 MOA complete

- Parties will receive a minimum 30-day email notice of a public meeting
- Section 106 consultation and NEPA process will run concurrently

Next Steps

Please visit the project webpage:

<https://airandspace.si.edu/about-transformation/bezos-learning-center/106>

Today's presentation material and meeting recording will be available on the project webpage by November 3, 2023.

Please RSVP to attend to the November 6th site tour from 9:30-10:30am by sending an email to preservation@si.edu.



How can I provide my comment?

There are multiple ways to provide public comments on the proposed action:

1. Submit comments via email to:

Preservation@SI.edu

2. Mail hardcopy comments to:

Smithsonian Institution

Attn: Jane Passman

PO Box 37012

MRC 511 Suite 5001

Washington, DC 20013-5012

All comments must be submitted by **November 16, 2023.**

Questions and Comments

Moderator

Carly Bond, Acting Associate Director, Historic Preservation, Smithsonian Office of Planning, Design, and Construction

Panelists

Dr. Tina Menendez, Bezos Learning Center Director

Jane Passman, Senior Facilities Master Planner, Smithsonian Office of Planning, Design, and Construction

Stephanie Free, Urban Planner, National Capital Planning Commission

Charles Obi, Program Executive, Smithsonian Office of Planning, Design, and Construction

Mike Henry, Senior Design Manager, Smithsonian Office of Planning, Design, and Construction

Zena Howard, Project Principal, Perkins&Will

Elizabeth Kennedy, Principal, Elizabeth Kennedy Landscape Architects

Scott Shifflet, NEPA Consultant, Vice President, WSP



Carly



Tina



Jane



Stephanie



Charles



Mike



Zena



Elizabeth



Scott

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Perkins&Will

Thank you!