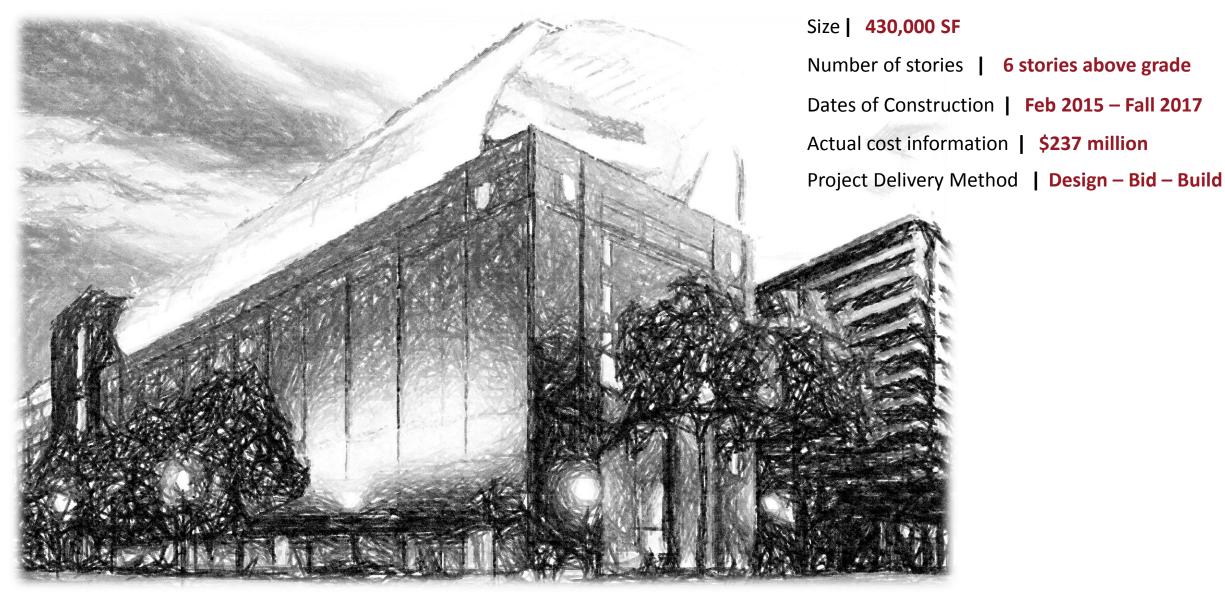


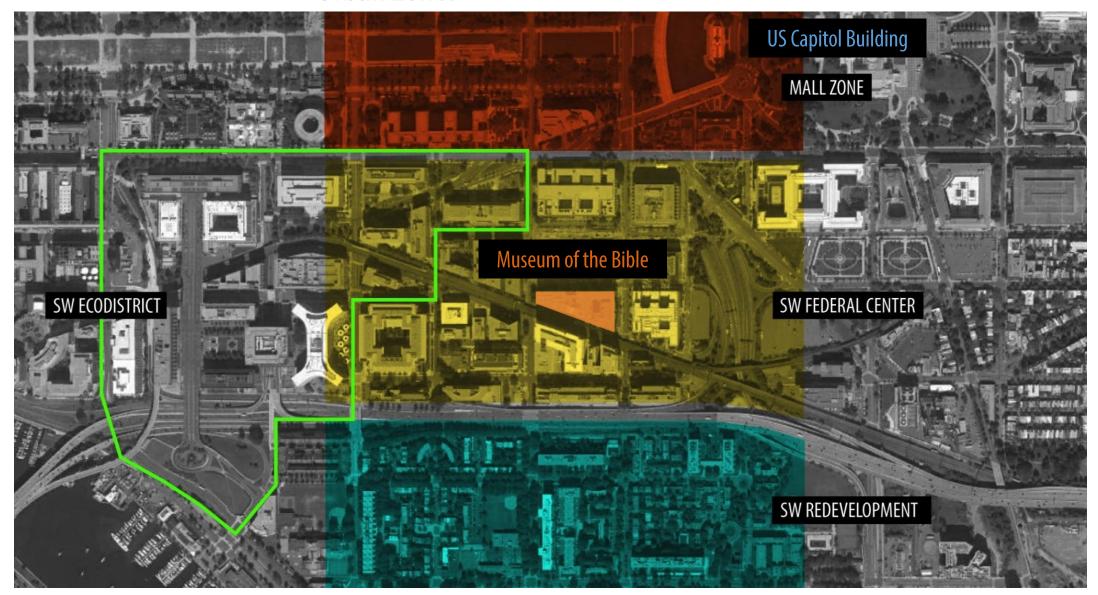
#### Building Overview: General Statistics



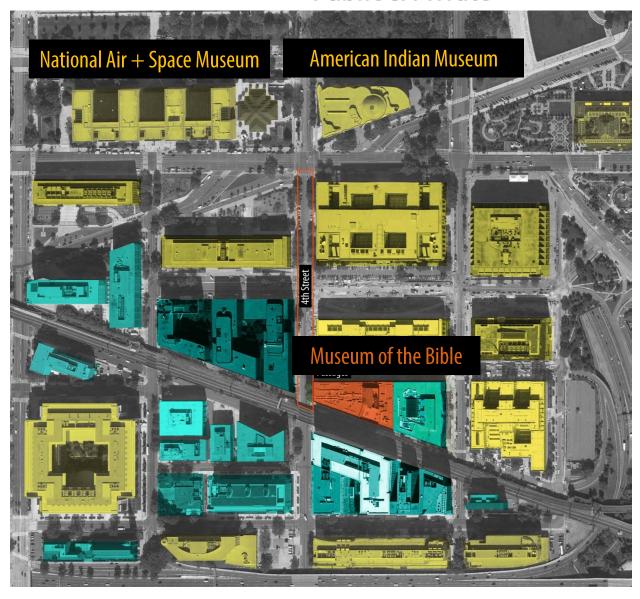
BUILDING CONCEPT LOBBY PERFORMANCE COLLECTIONS GARDENS THE B

Building Name | Museum of the Bible (MOTB)

#### Urban Context: Urban Zones

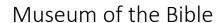


#### Urban Context: Public & Private









#### Urban Context: Time & Transit



Average weekday passenger boarding at stations:

L'Enfant Plaza: **21,926** passengers

Federal Center: **6,439** passengers

VRE: **15,000** passengers



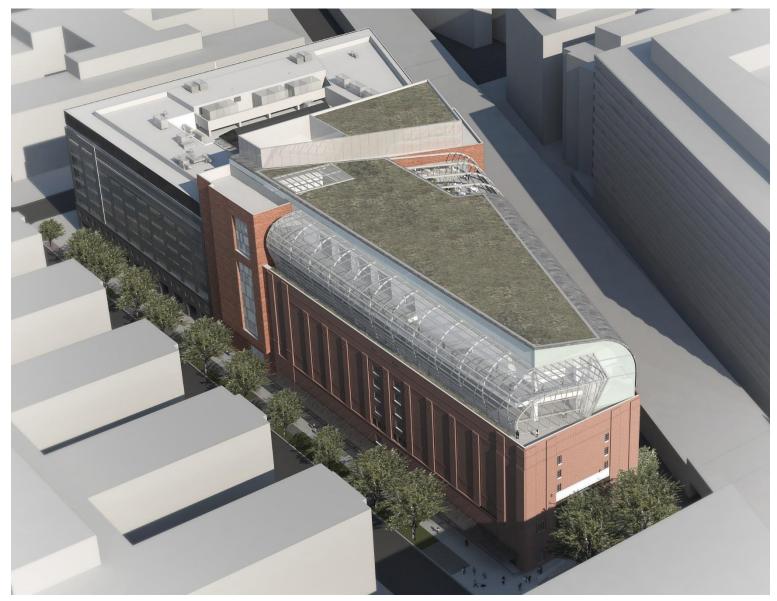
Museum of the Bible

**BUILDING** 

### Urban Context: Footprint



# Urban Context: Exterior Aesthetic





**BUILDING** 

CONCEPT

LOBBY

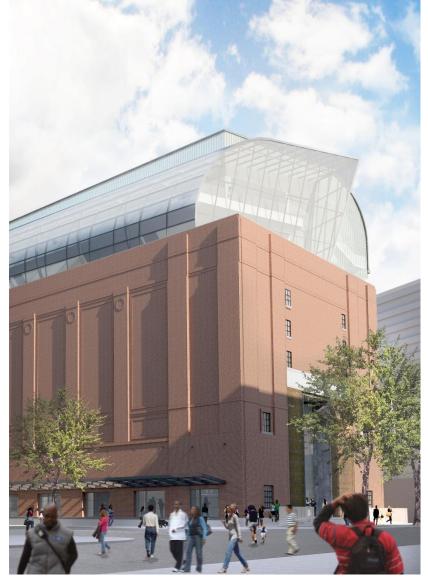
PERFORMANCE

COLLECTIONS

GARDENS

### Urban Context: Exterior Aesthetic





**BUILDING** 

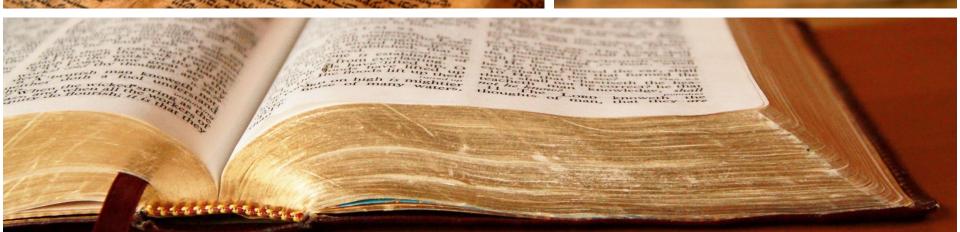
COLLECTIONS

GARDENS

# Conceptual Development: Power of the Written Word









BUILDING

CONCEPT

LOBBY

PERFORMANCE

COLLECTIONS

**GARDENS** 

#### Concept: An Induced Awakening







BUILDING

CONCEPT

LOBBY

PERFORMANCE

COLLECTIONS

GARDENS

# Lobby + Arcade: Location + Special Considerations







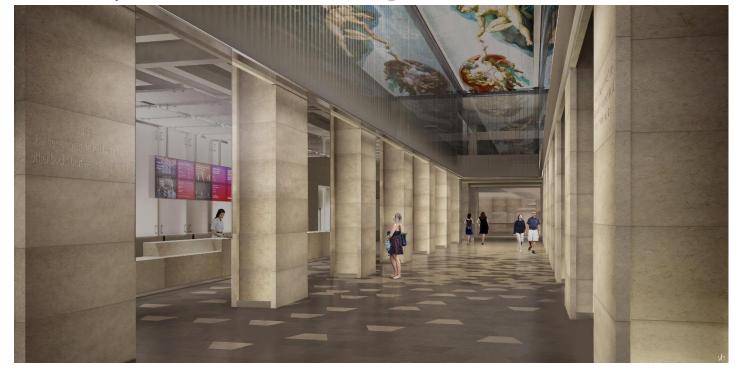


# Lobby + Arcade: Location + Special Considerations





#### Lobby + Arcade: Design Considerations + Criteria



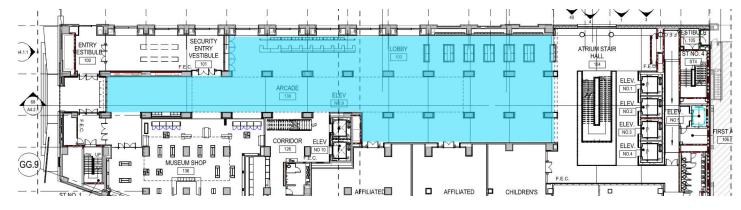
Square Footage | 10,040 sf

Height | 41.25 ft.

Length | 194 ft.

Space Tasks | Transition, Circulation, Desk Services, Way-finding, Reading (iPads)

Goal is to evoke an impressionable, emotional response from visitors by implementing the sensation of spaciousness.



#### Considerations

Circulation + Transition

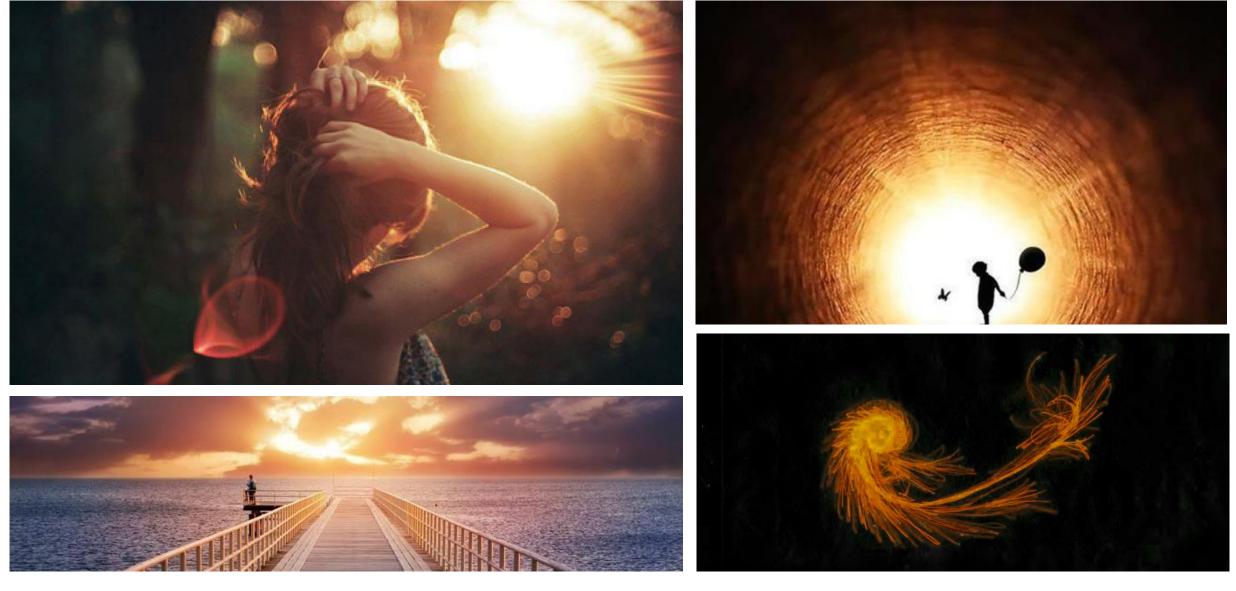
**Accent Major Elements** 

Controls + Scenes

**LOBBY** 

GARDENS

# Lobby + Arcade: Light to Guide Enlightenment



BUILDING

CONCEPT

**LOBBY** 

PERFORMANCE

COLLECTIONS

GARDENS

# Lobby + Arcade: Schematic Design









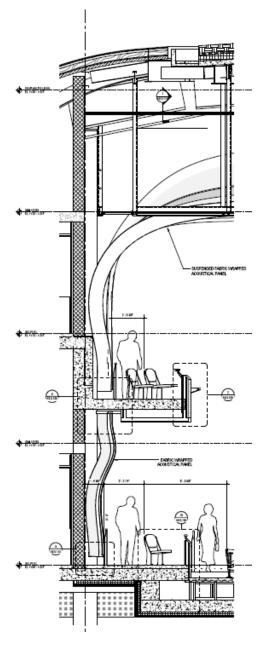






#### Performance Hall: Location + Special Considerations





BUILDING

CONCEPT

LOBBY

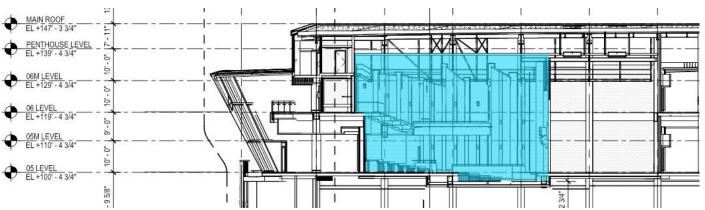
**PERFORMANCE** 

COLLECTIONS

**GARDENS** 

#### Performance Hall: Design Considerations + Criteria





Square Footage | 3,475 sf Height | 31.75 ft.

Space Tasks | Various Performances, Lectures,
Assembly, Musical Production

Goal is to use the space's monumental form to expose the public to the magic of the arts with three different schematic designs.

Considerations

**Spatial Versatility** 

Fixture Glare

*Controls + Dimming* 

#### Performance Hall: Light to Educate + Share Stories









BUILDING

CONCEPT

LOBBY

**PERFORMANCE** 

COLLECTIONS

GARDENS

#### Performance Hall: Schematic Design

Goal is to use the space's monumental form to expose the public to the magic of the arts with three different schematic designs.







UILDING CONC

NCEPT

LOBBY

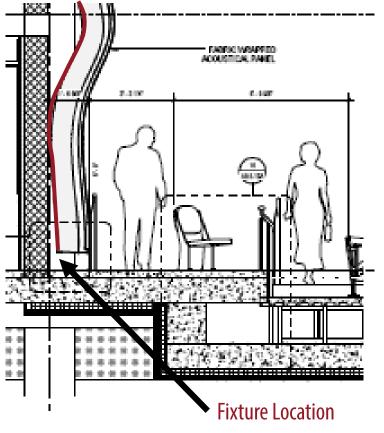
**PERFORMANCE** 

COLLECTIONS

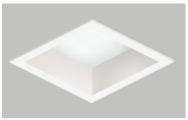
**GARDENS** 

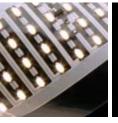
### Performance Hall: Schematic Design #1













BUILDING

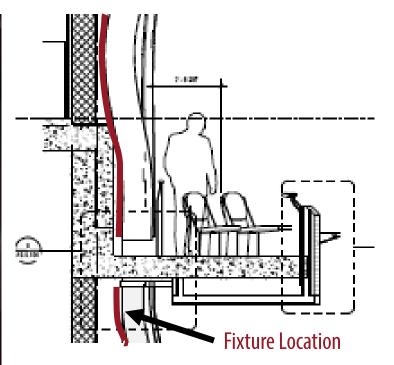
LOBBY

**PERFORMANCE** 

GARDENS

### Performance Hall: Schematic Design #2













BUILDING CONCEPT

LOBBY

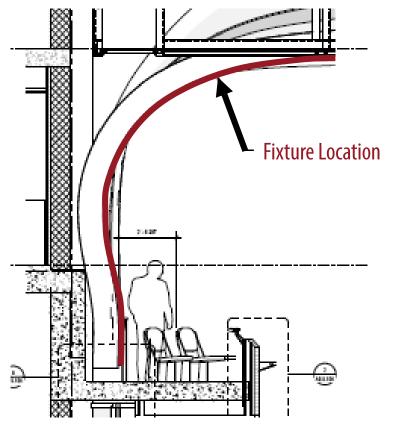
**PERFORMANCE** 

COLLECTIONS

GARDENS

# Performance Hall: Schematic Design #3











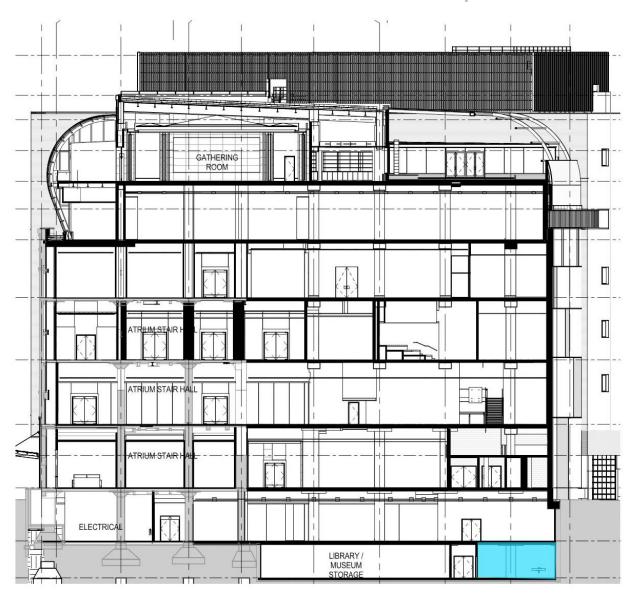


LOBBY

**PERFORMANCE** 

GARDENS

# Collections Lab: Location + Special Considerations







BUILDING

CONCEPT

LOBBY

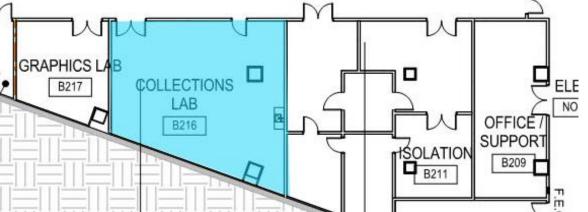
PERFORMANCE

**COLLECTIONS** 

GARDENS

#### Collections Lab: Design Considerations + Criteria





Square Footage | 1,019 sf

Height | 12 ft.

Space Tasks | Preservation, Restoration, Research,

Documentation

Goal is to create a sterile and functional lab for artifact retrieval and restoration.

Considerations

Exposure Considerations

Uniformity

Controls + Scenes + Dimming

No UV Radiation

#### Collections Lab: Light to Preserve History





"WHO CONTROLS THE PAST CONTROLS THE FUTURE WHO CONTROLS THE PRESENT CONTROLS THE PAST"

### Collections Lab: Schematic Design

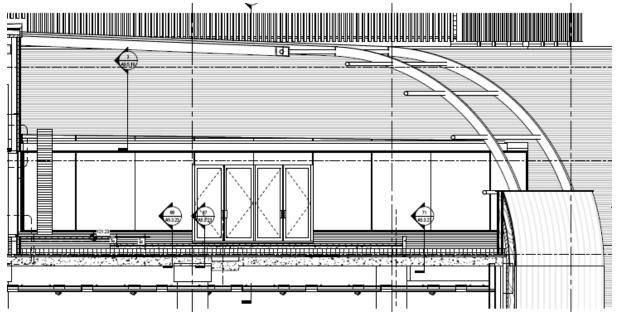




# Biblical Gardens: Location + Special Considerations

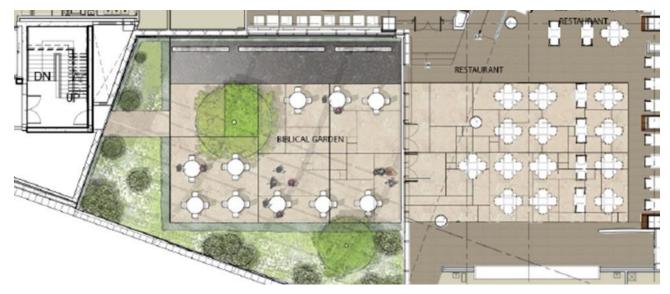


North — South Building Section Cut



### Biblical Gardens: Design Considerations + Criteria





Square Footage | 3,052 sf

Height | 27 ft.

Space Tasks | Circulation, Eating, Reading,
Break-Out, Downtown Viewing

Goal is to honor the precious plants and artifacts in the garden while guiding people through to the kitchen or staircase.

Considerations

Low Level + Highlight

Perimeter Accents

**Controls** 

Weather Resistant

BUILDING CONCER

# Biblical Gardens: Light to Induce Personal Reflection







BUILDING

CONCEPT

LOBBY

PERFORMANCE

COLLECTIONS

**GARDENS** 

#### Biblical Gardens: Schematic Design



Reflective Ball Sculptures Integrated In Garden



BUILDING

CONCEPT

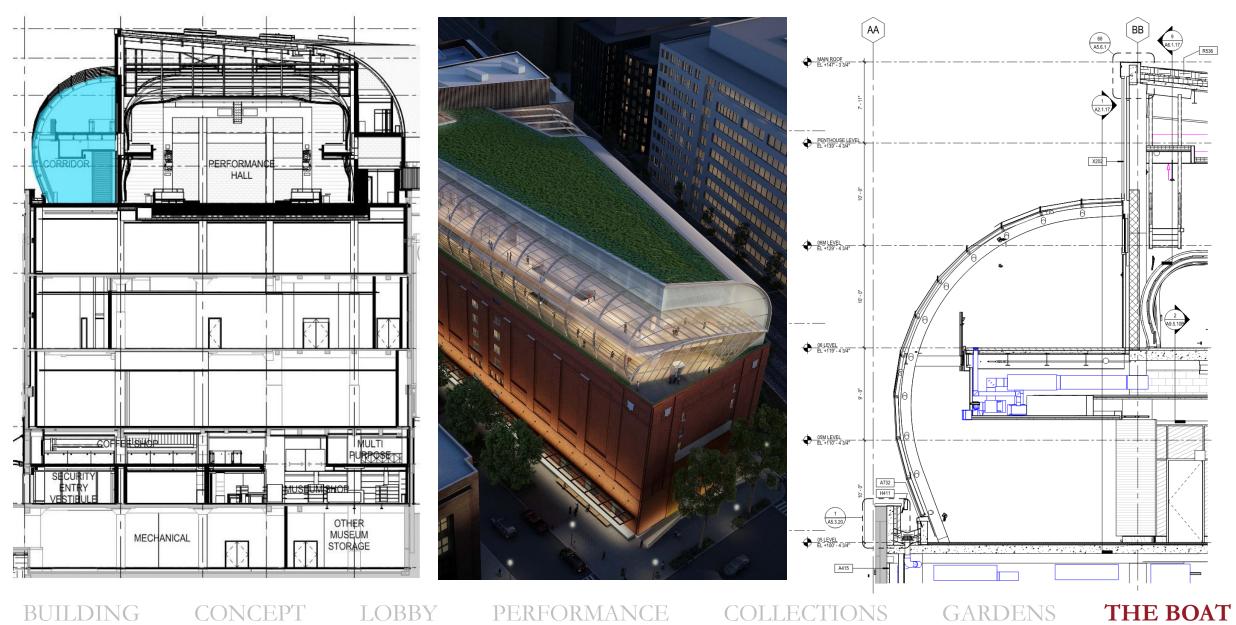
LOBBY

PERFORMANCE

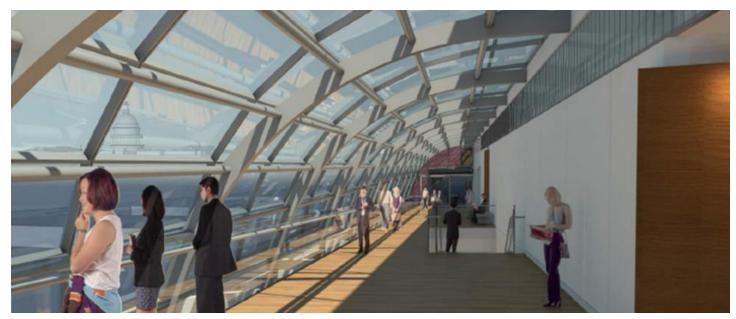
COLLECTIONS

**GARDENS** 

# Gallery Addition: Location + Special Considerations



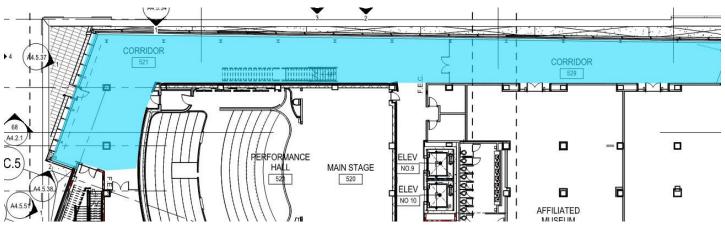
#### Gallery Addition: Design Considerations + Criteria



Square Footage | 10,360 sf Height | 44 ft. ( 2 floors)

Space Tasks | Transition, Wayfinding, Site-Seeing

Goal is to implement a unique, parametrically optimized daylighting strategy that interacts with the interior control system as well as a nighttime condition that minimizes reflections.



Considerations

Shading Techniques

Glare

Reflections

**Integrated Controls** 

# Gallery Addition: See the World in a New Light







BUILDING

CONCEPT

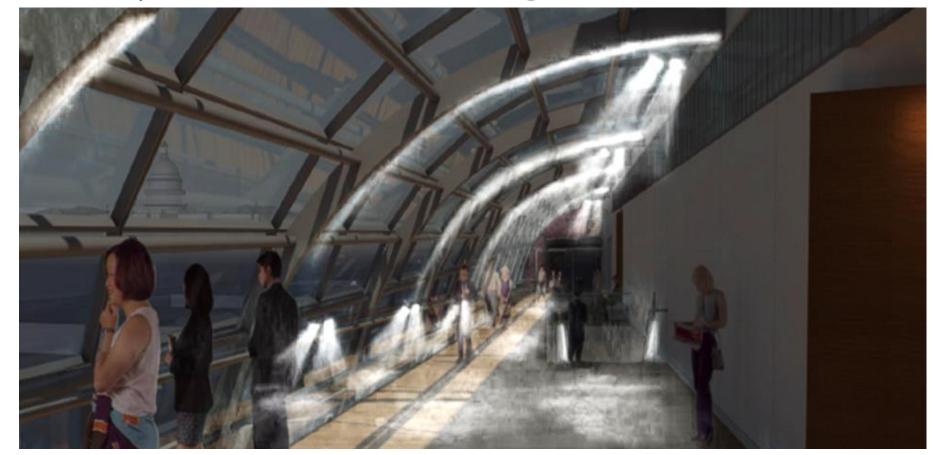
LOBBY

PERFORMANCE

COLLECTIONS

GARDENS

# Gallery Addition: Schematic Design











DENS THE BOAT





#### Special Thanks!

#### SmithGroupJJR

for all models and images used this project exploration

#### Museum of the Bible

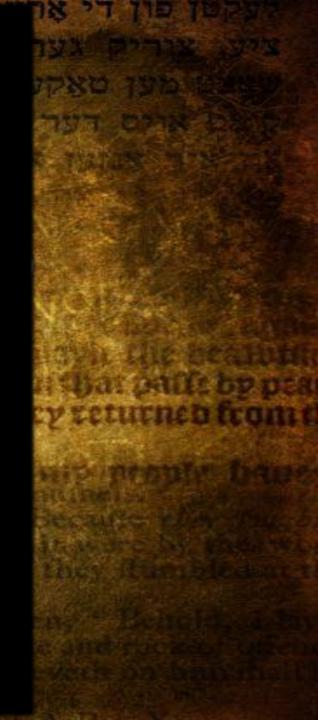
for project permission and educational opportunity

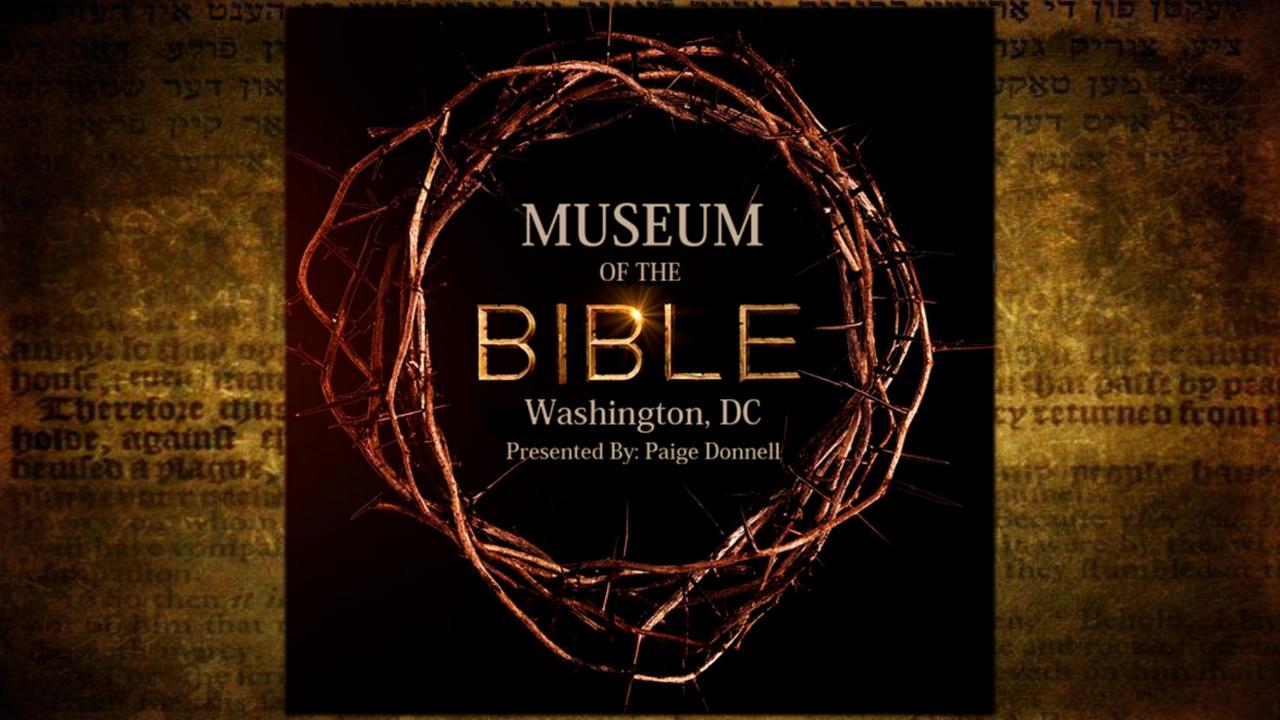


Luke Renwick



Any Questions?







#### References:

http://www.smithgroupjjr.com/

http://www.museumofthebible.org/

https://www.clarkconstruction.com/news/clark-build-washington-dcs-museum-bible

http://www.bibleseries.tv/

