

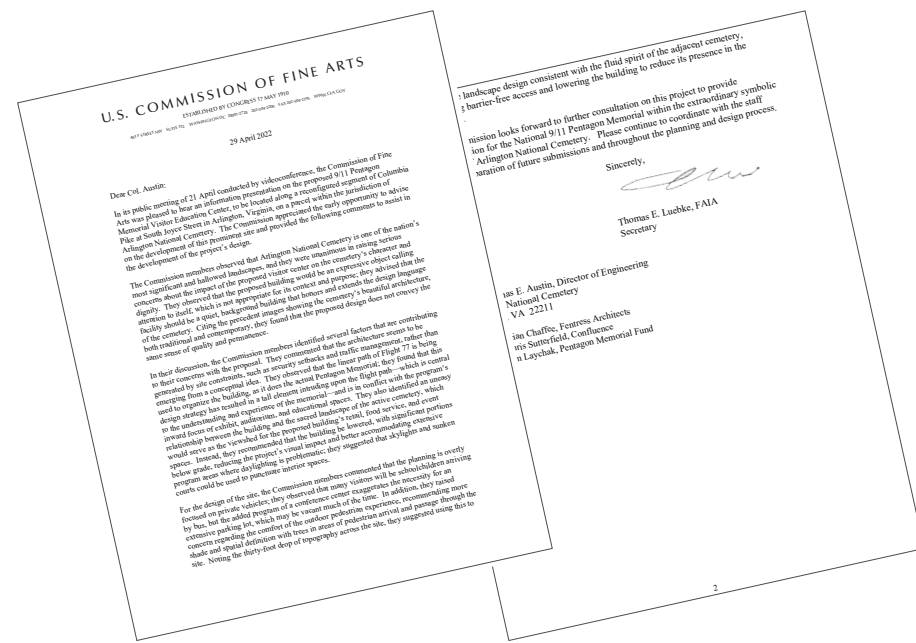
**9/11 PENTAGON MEMORIAL  
VISITOR EDUCATION CENTER**  
ARLINGTON, VIRGINIA

CFA CONCEPTUAL REVIEW: June 15th, 2023

NCPC CONCEPTUAL REVIEW: July 6th, 2023

**PRIOR DESIGN (PRESENTED TO CFA IN MAY 2022)**

- Concern about contextual appropriateness — the “expressiveness” of the proposed VEC conflicts with the “character and dignity” of Arlington National Cemetery. The VEC should “honor the design language” of the Cemetery.
- Concern about the height of the VEC, particularly the tall lobby volume. The VEC should be lowered.
- Concern about the “uneasy relationship” between the “sacred landscape” of the cemetery and the VEC’s proposed retail, cafe, and event spaces — which overlook ANC grounds.
- Concern that the site design is “overly focused on private vehicles” — recommending more focus on site design that is more consistent with surrounding context. The VEC should “address the comfort of the outdoor pedestrian experience, recommending more shade and spatial definition with trees in areas of pedestrian arrival and passage through the site.”



# SITE CONTEXT + PRECEDENTS



ARLINGTON  
NATIONAL  
CEMETERY

PENTAGON 9/11  
MEMORIAL

ANC SOUTHERN  
EXPANSION SITE

PENTAGON 9/11 VEC  
PROJECT SITE

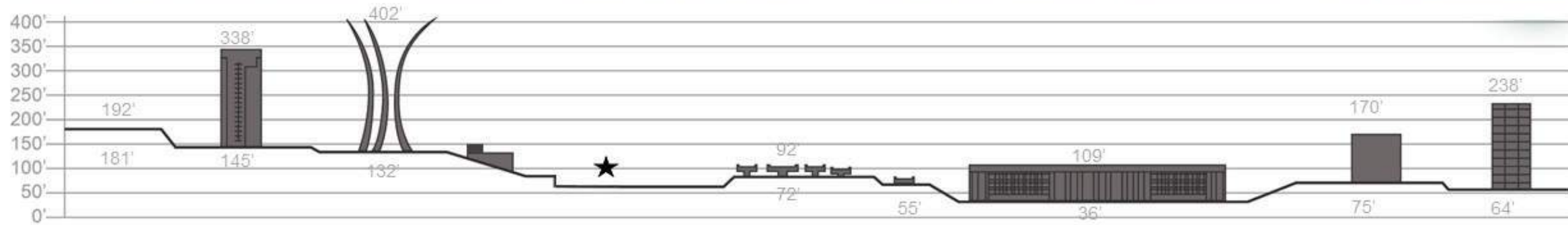
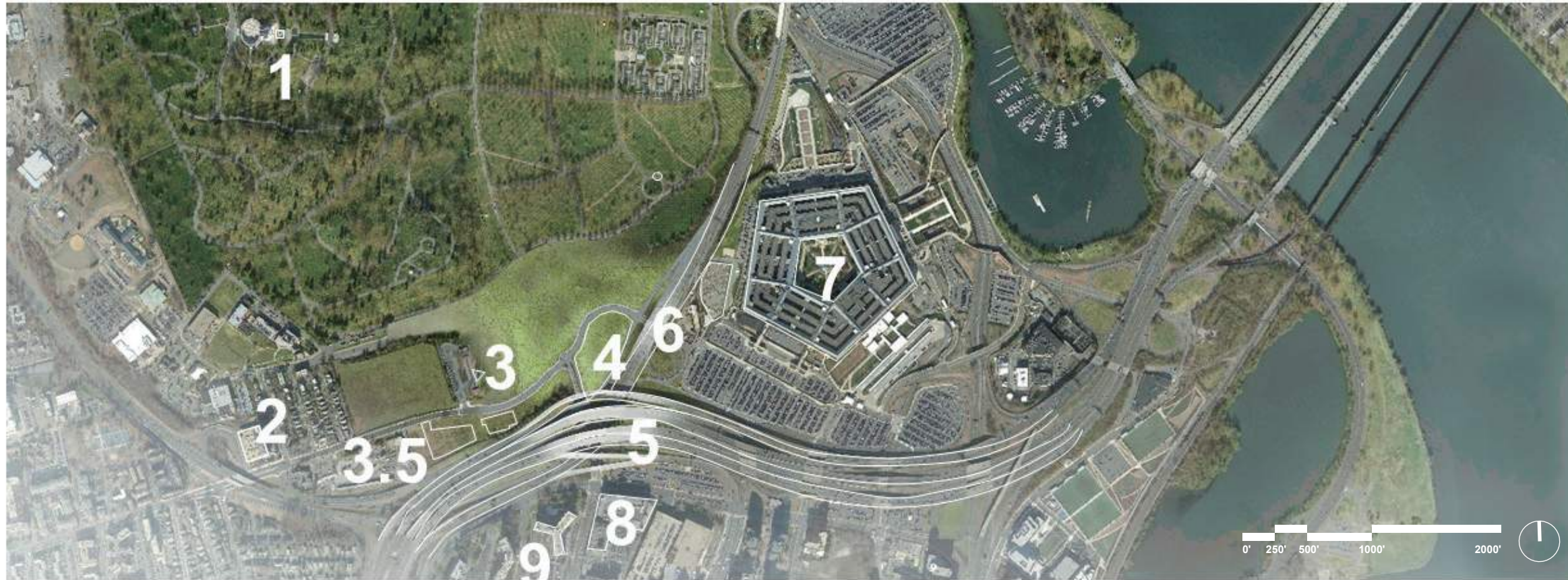


# SOUTHERN EXPANSION





*As part of the Arlington National Cemetery Southern Expansion (ANCSE) project, the east end of Columbia Pike is being realigned, modifying its intersection with S Joyce Street and its interchange with Washington Boulevard (VA Route 27) near the Pentagon, and replacing Southgate Road with a new S. Nash Street alignment. The reconfiguration of these roadways will create the site for the proposed project.*



- 1** TOMB OF THE UNKNOWN SOLDIER
- 2** SHERATON HOTEL
- 3** AIR FORCE MEMORIAL
- 3.5** ANC PARKING STRUC, 3<sup>RD</sup> FLR PARAPET
- 4** 9/11 PENTAGON MEMORIAL VISITOR EDUCATION CTR
- 5** I-395
- 6** WASHINGTON BLVD
- 7** PENTAGON
- 8** PENTAGON ROW SHOPPING CENTER
- 9** JAMES AT RIVER HOUSE







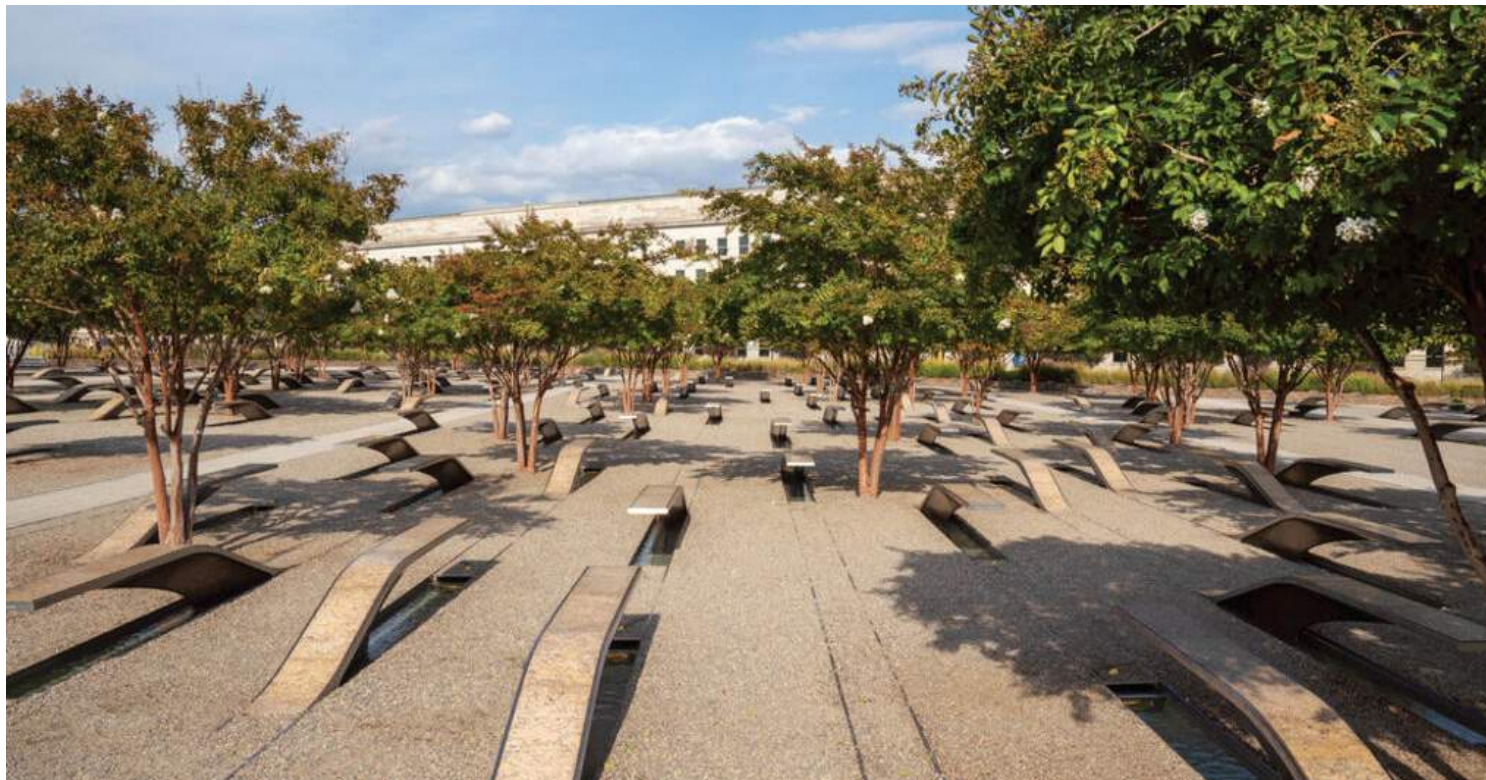
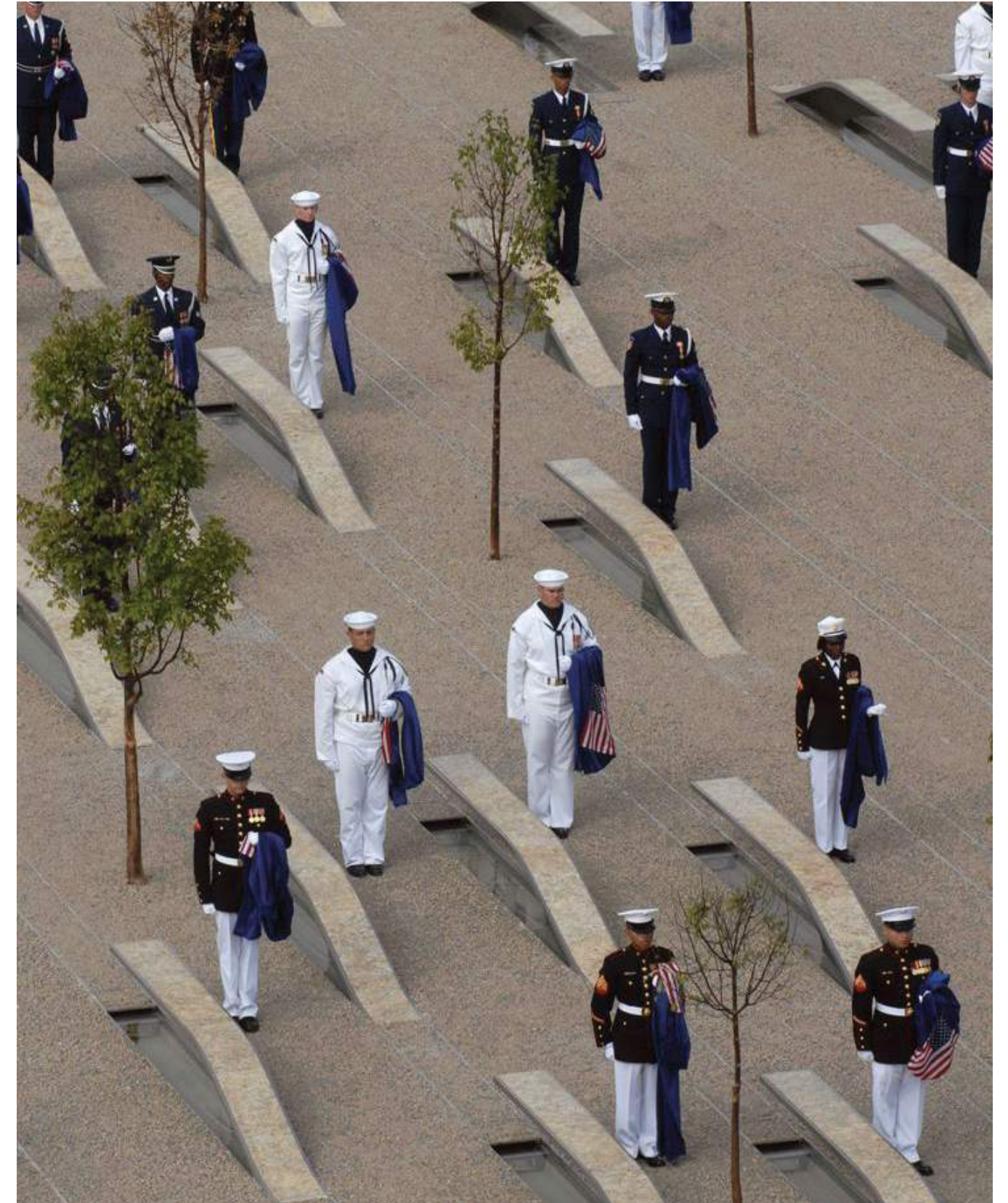


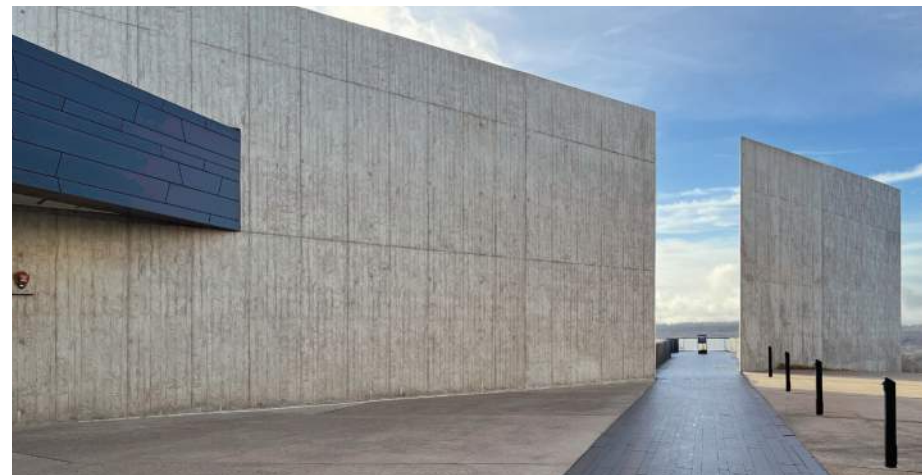
9/11 PENTAGON MEMORIAL  
VISITOR EDUCATION CENTER  
June 1, 2023

**SITE CONTEXT**  
ANC: ARCHITECTURE + LANDSCAPE

PENTAGON MEMORIAL FUND  
**FENTRESS ARCHITECTS**  
CONFLUENCE





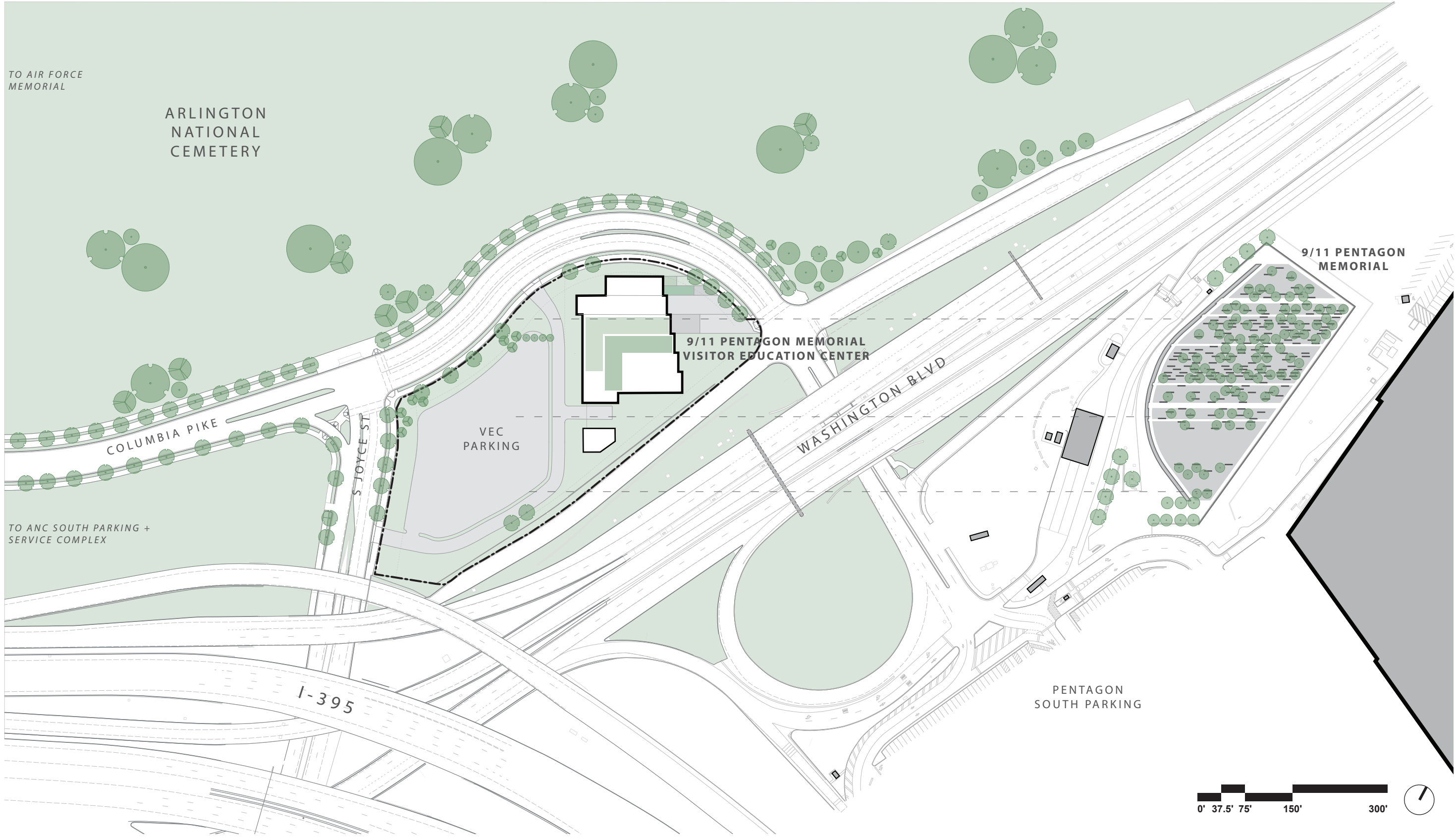


9/11 MEMORIAL + MUSEUM  
 NYC, USA - Michael Arad/Peter Walker, Snøhetta/Davis Brody Bond

FLIGHT 93 MEMORIAL  
 Shanksville, PA, USA - Paul Murdoch/Nelson Byrd Woltz

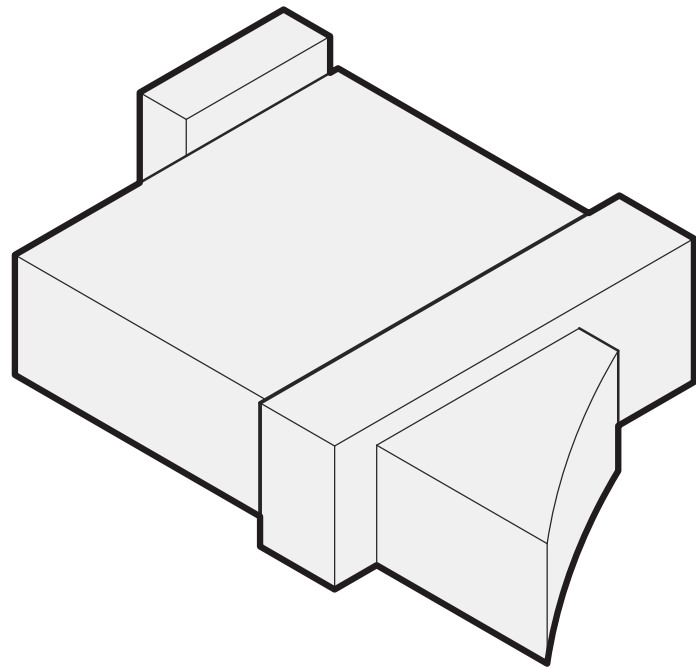
NORMANDY AMERICAN CEMETERY VISITOR CENTER  
 Colleville-sur-Mer, France - SmithGroup

# DESIGN CONCEPT

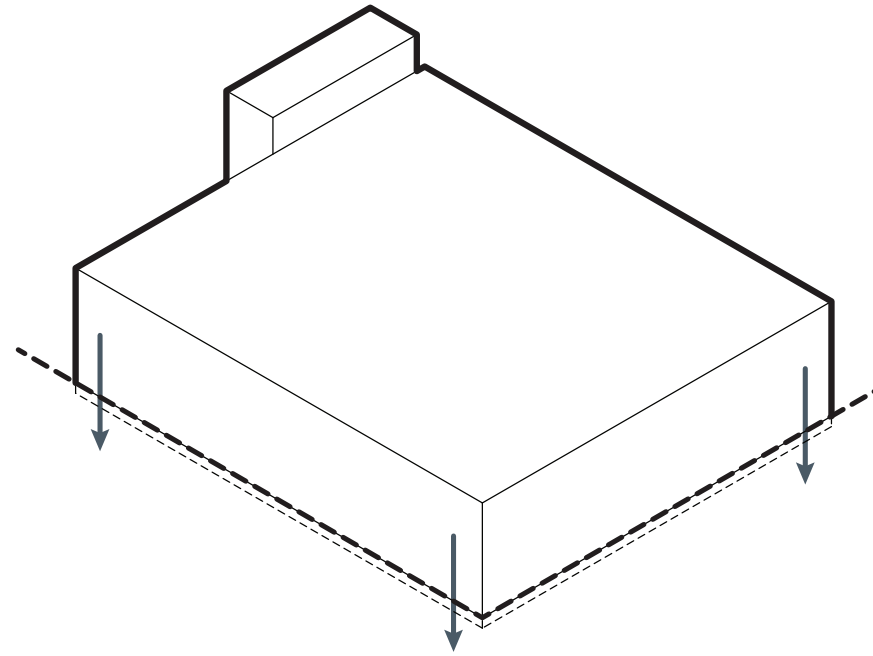




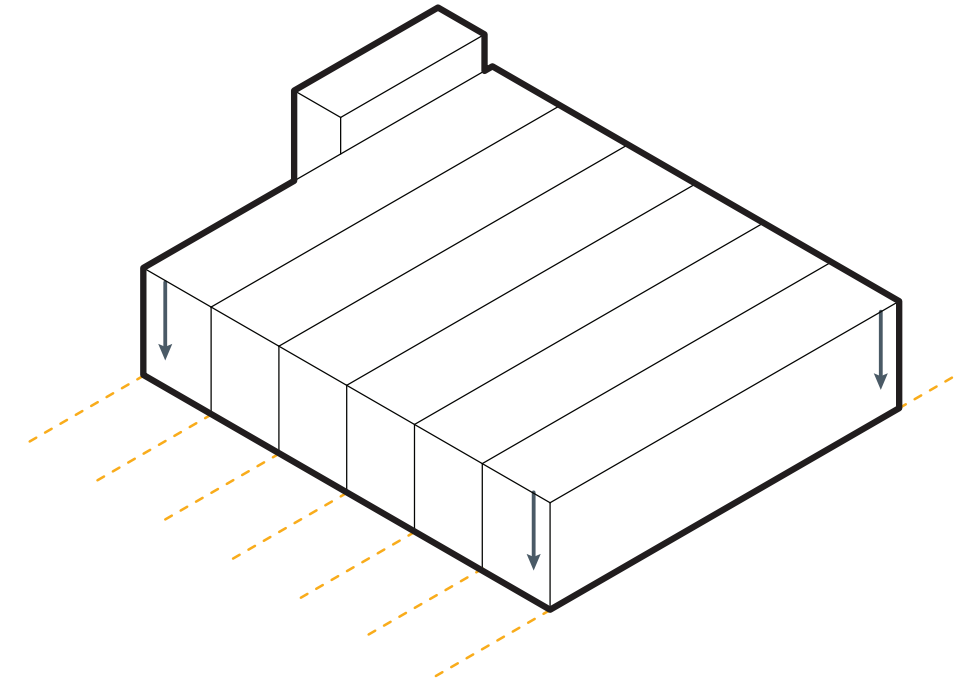




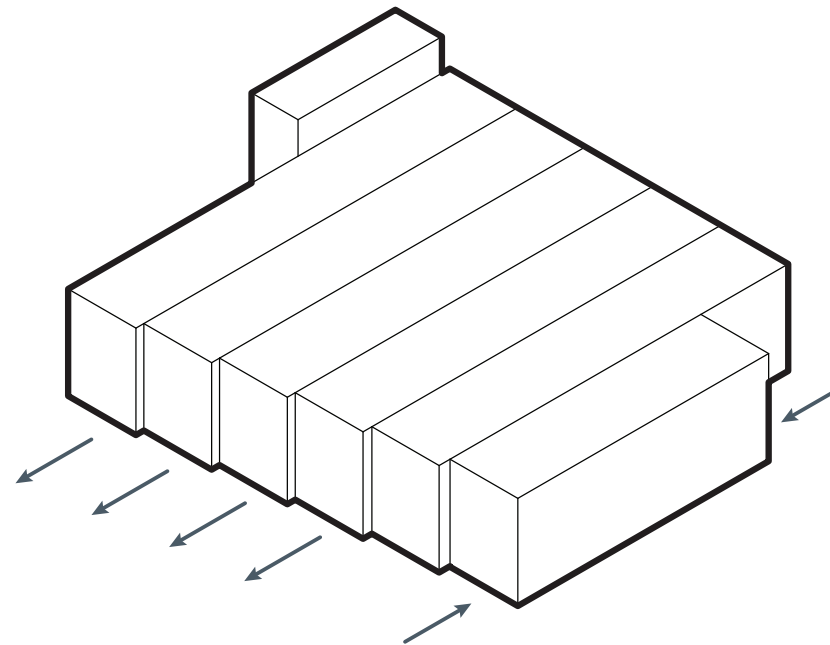
01. PRIOR BUILDING MASSING



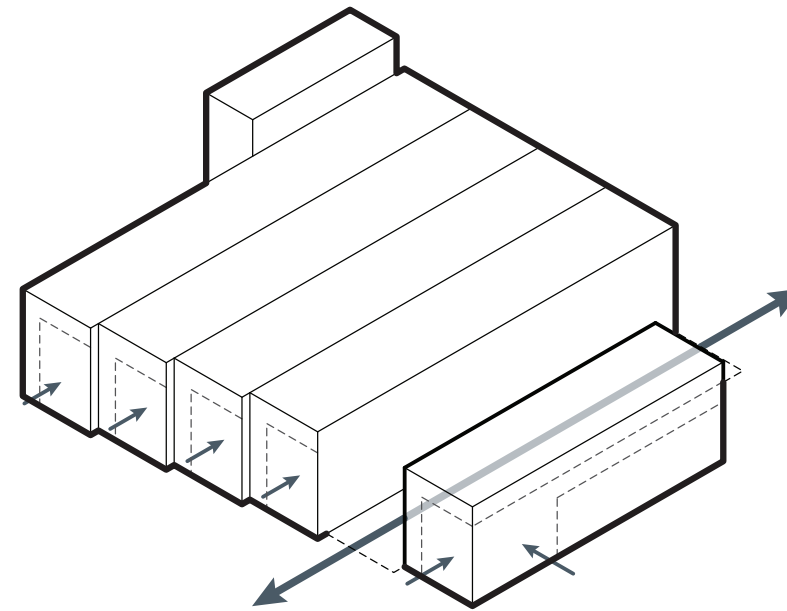
02. SIMPLIFY BUILDING FOOTPRINT  
SINK BUILDING 4' INTO GROUND



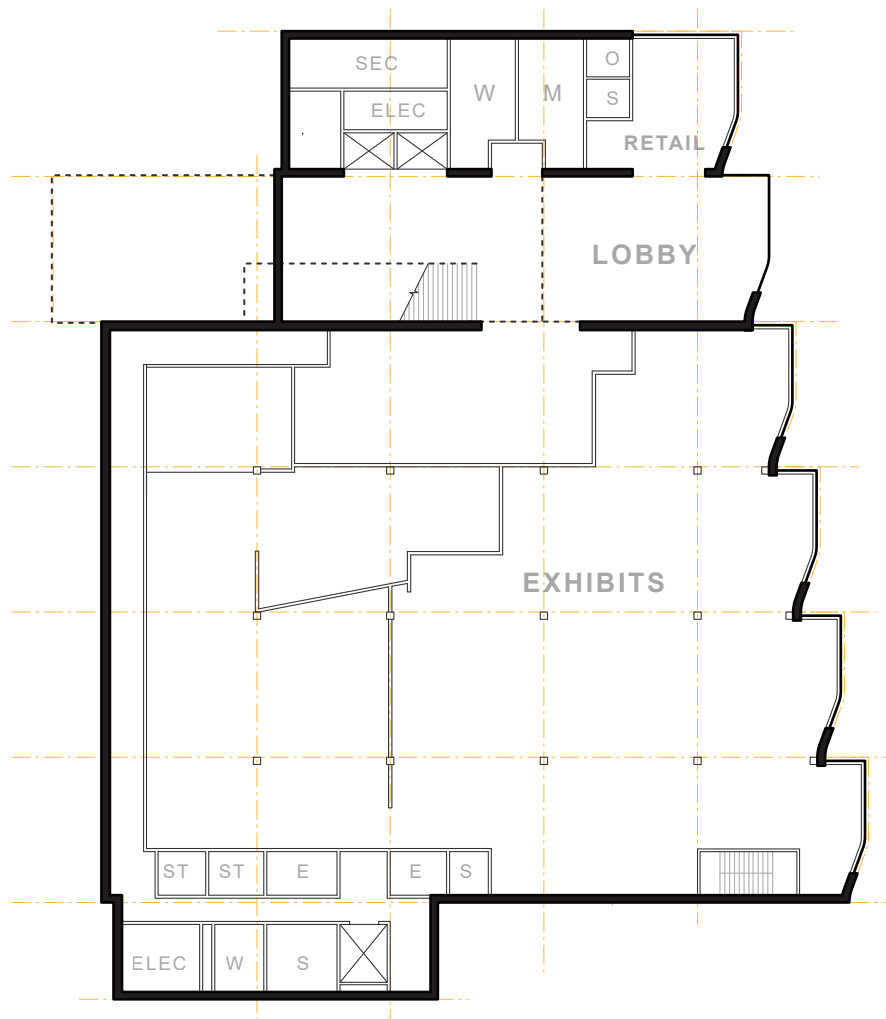
03. SEGMENT INTO 30' BAYS  
REMOVE 3' FROM FLOOR-TO-FLOORS



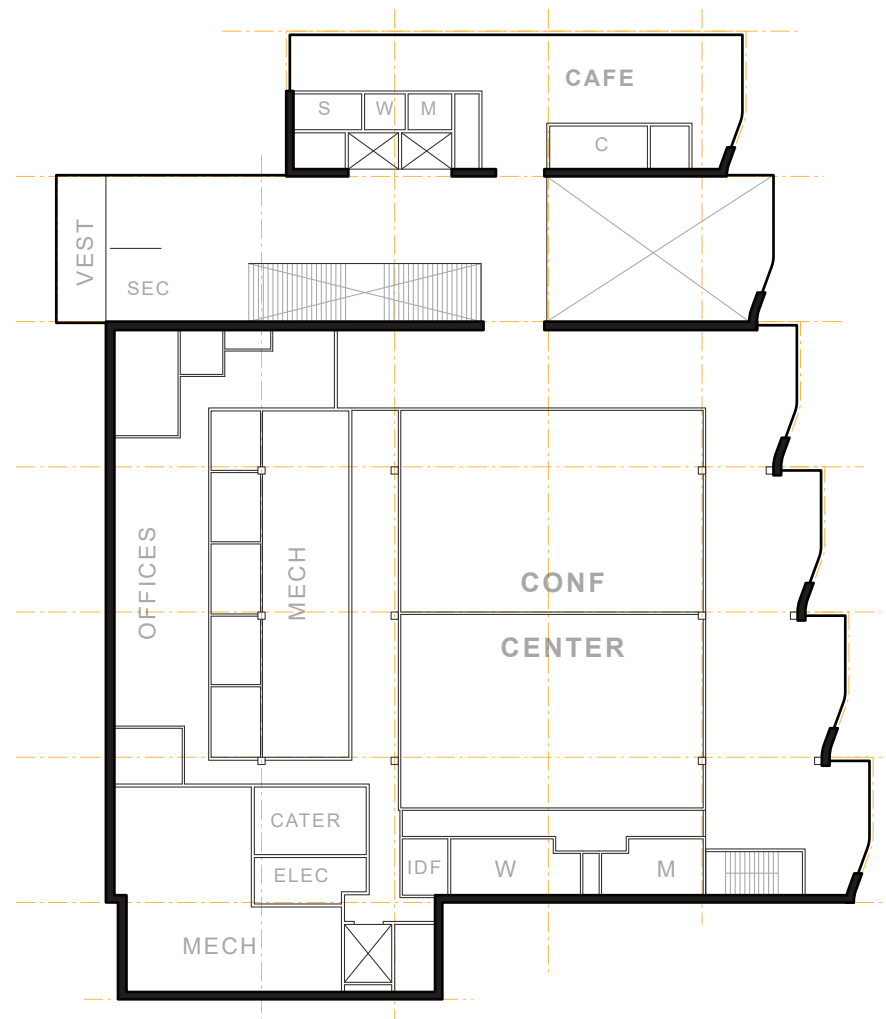
04. STEP FORWARD/BACK TO MODULATE FACADE



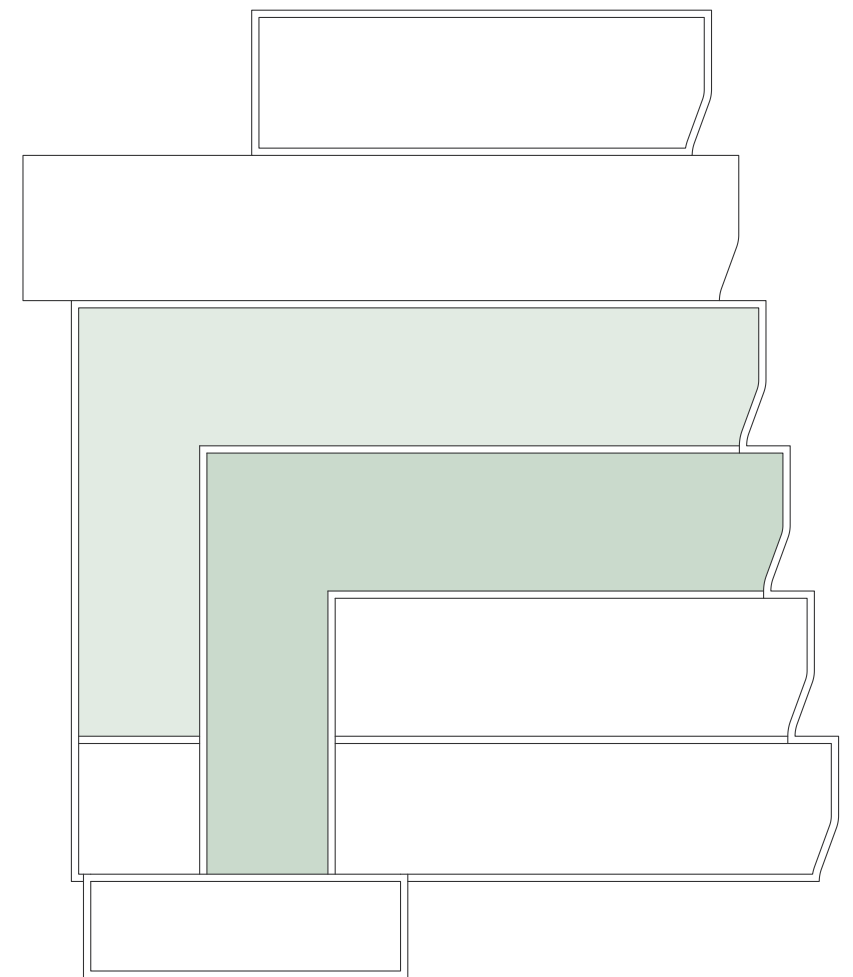
05. SUBTRACT FROM SOLIDITY BY INTRODUCING  
OPENINGS (REGULAR AND IRREGULAR)



PLAN: FIRST FLOOR



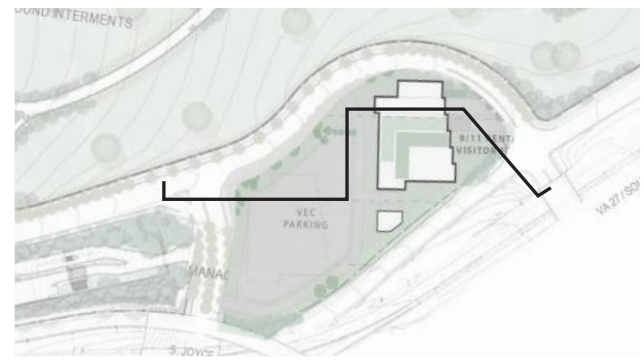
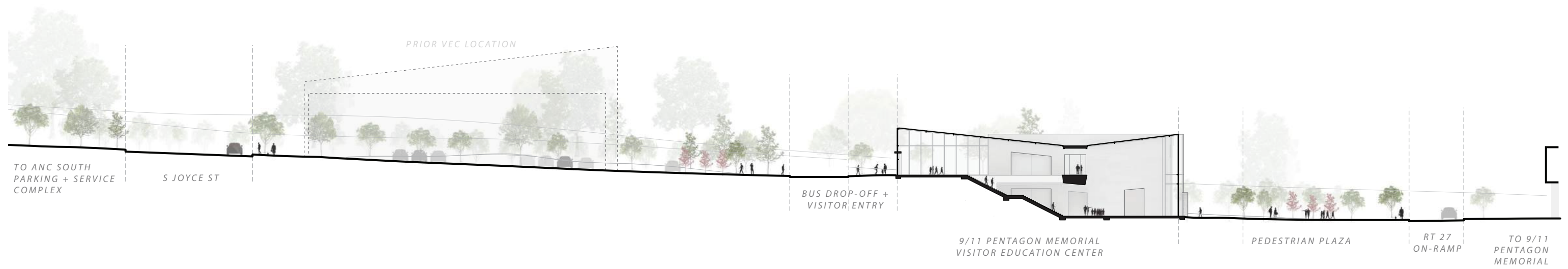
PLAN: SECOND FLOOR



PLAN: ROOF

**GSF TOTALS:** **CURRENT DESIGN:** ~50,000 GSF  
**PRIOR DESIGN\*:** 57,100 GSF  
*\*Presented to CFA on 5/31/2022*

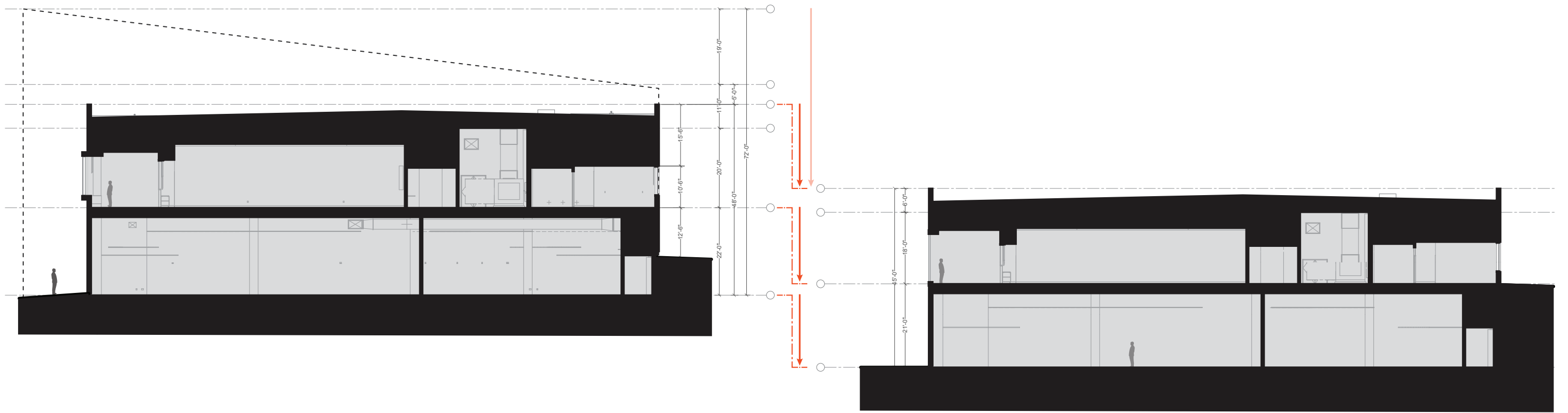




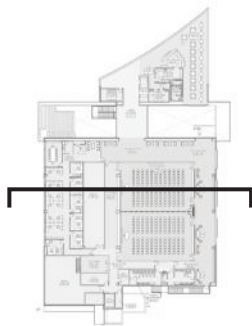
9/11 PENTAGON MEMORIAL  
VISITOR EDUCATION CENTER  
June 1, 2023

**UPDATED SITE SECTION**  
DESIGN CONCEPT

PENTAGON MEMORIAL FUND  
**FENTRESS ARCHITECTS**  
CONFLUENCE

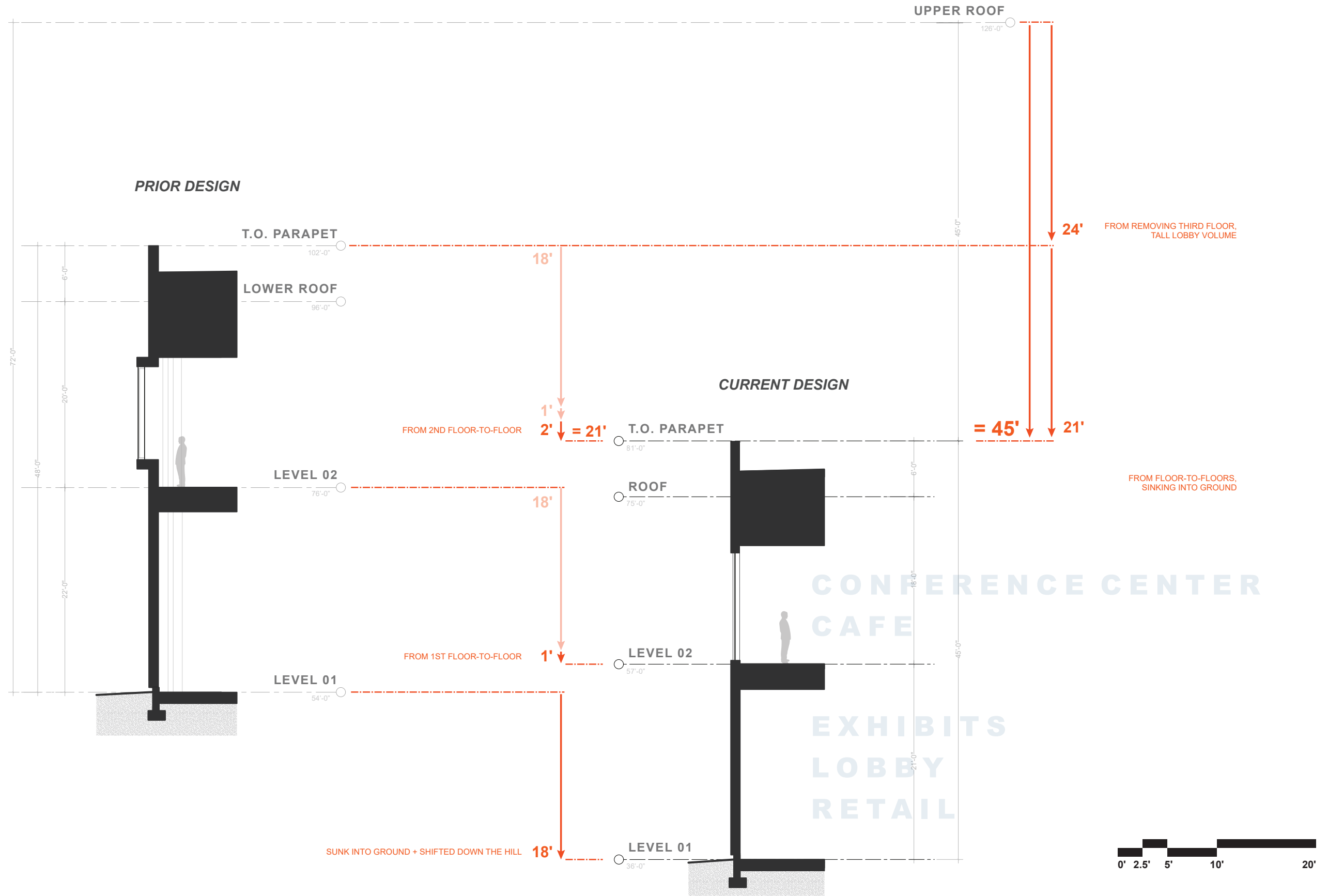


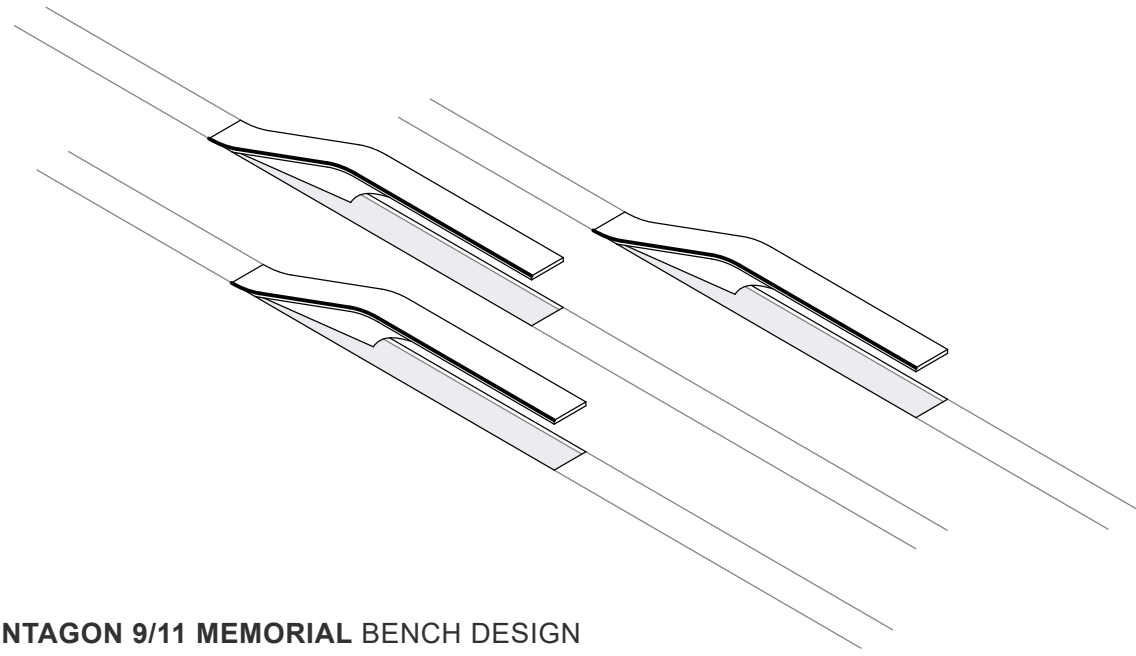
PRIOR DESIGN



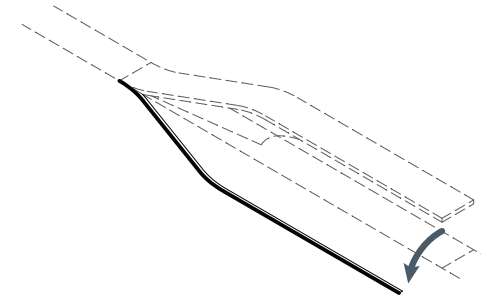
CURRENT DESIGN  
(PROPOSED)



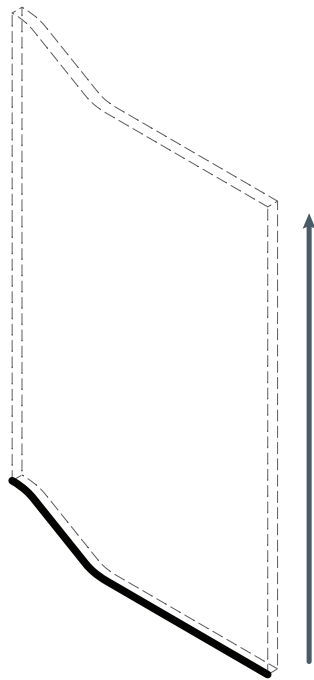




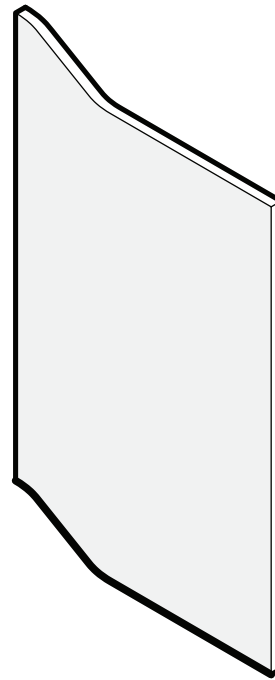
**01. PENTAGON 9/11 MEMORIAL BENCH DESIGN**



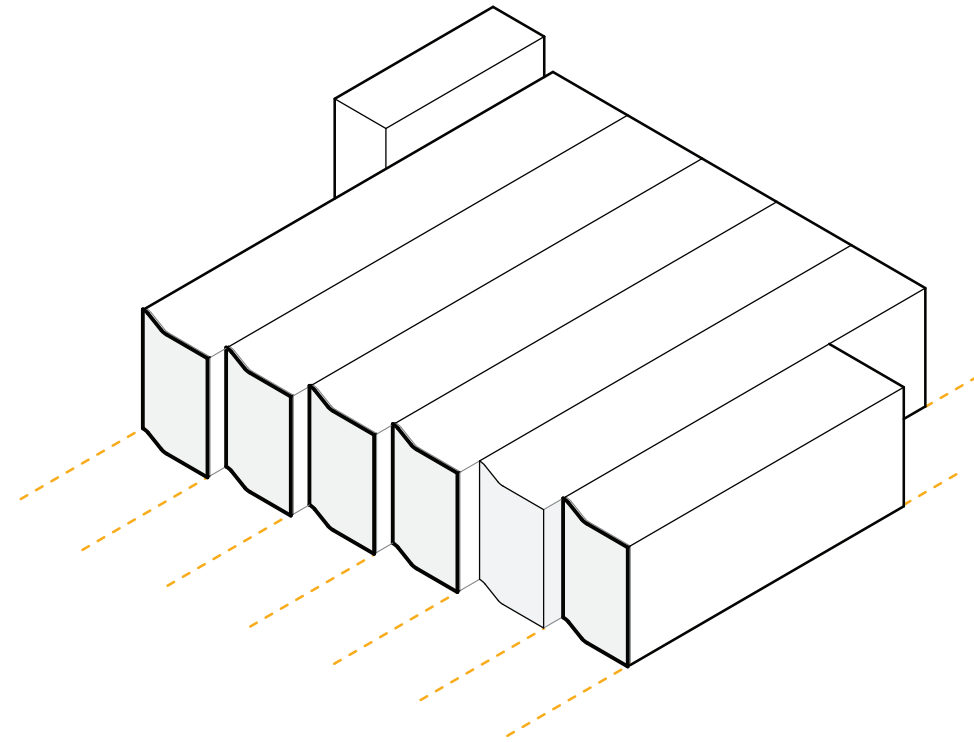
**02. ROTATE BENCH PROFILE TO GROUND PLANE**



**03. SCALE TO 30' MODULE  
EXTRUDE TO PARAPET HEIGHT**



**04. FORM WALL PANEL**



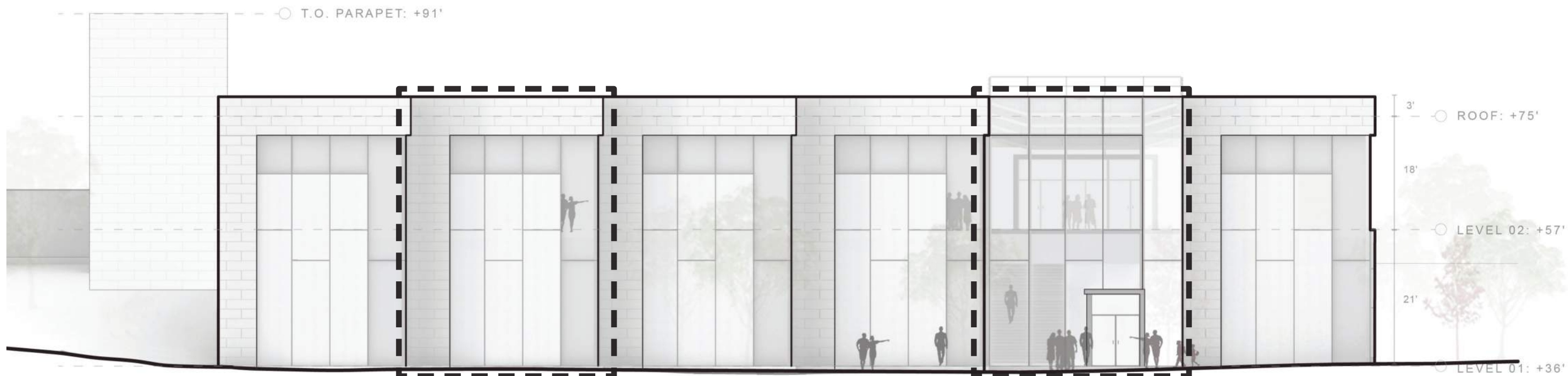
**05. AGGREGATE TO CREATE MODULATED FACADE**



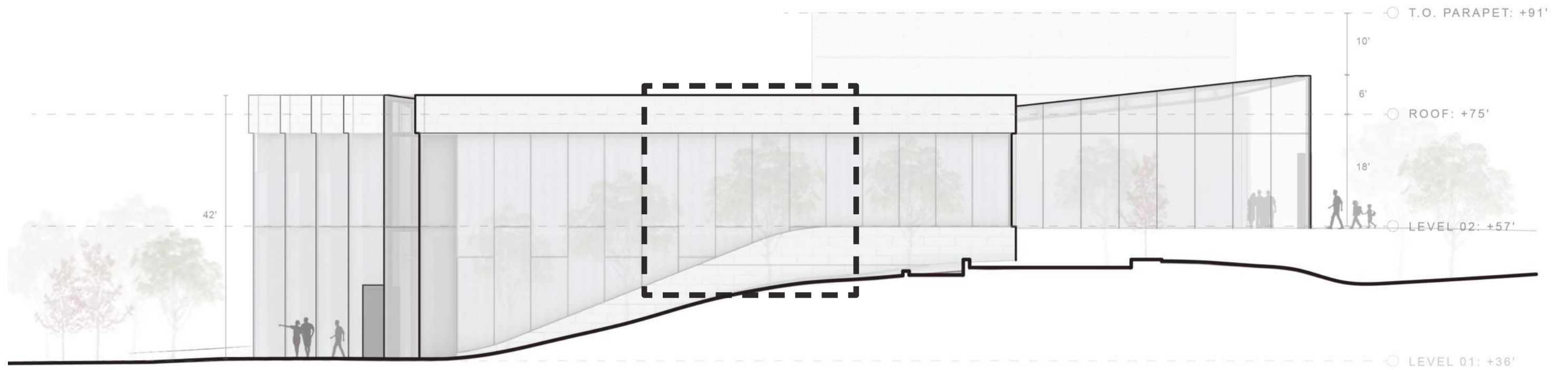
9/11 PENTAGON MEMORIAL  
VISITOR EDUCATION CENTER  
June 1, 2023

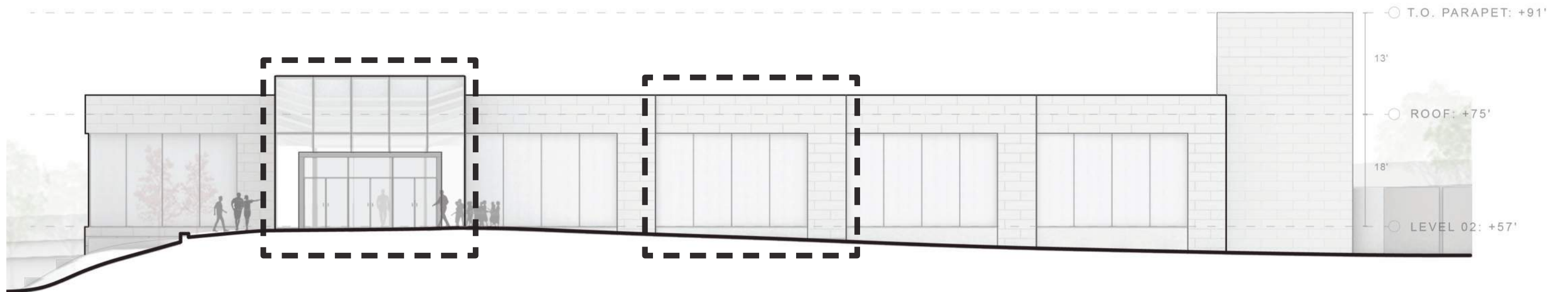
**PERSPECTIVE: AERIAL**  
DESIGN CONCEPT

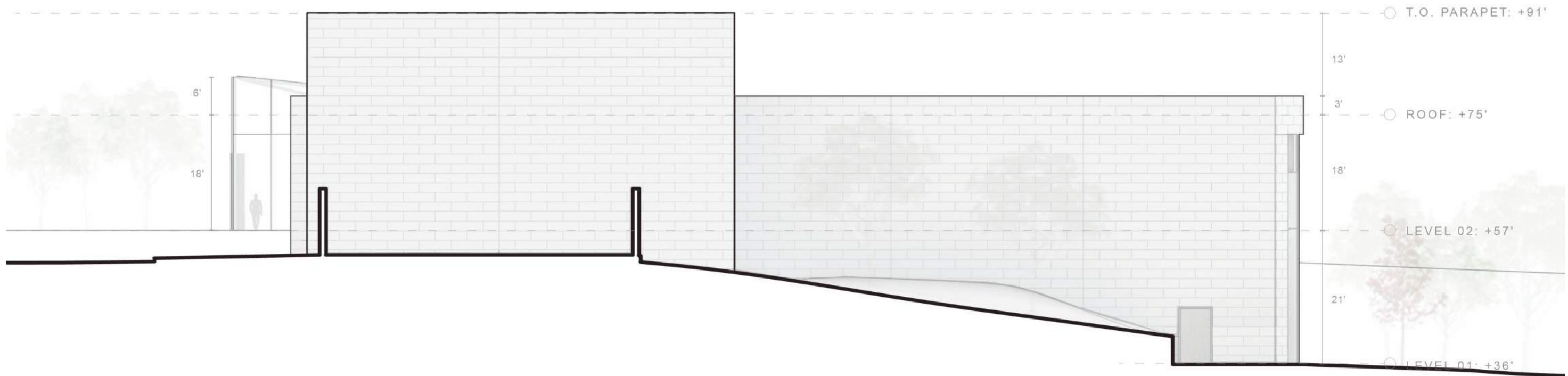
PENTAGON MEMORIAL FUND  
**FENTRESS ARCHITECTS**  
CONFLUENCE









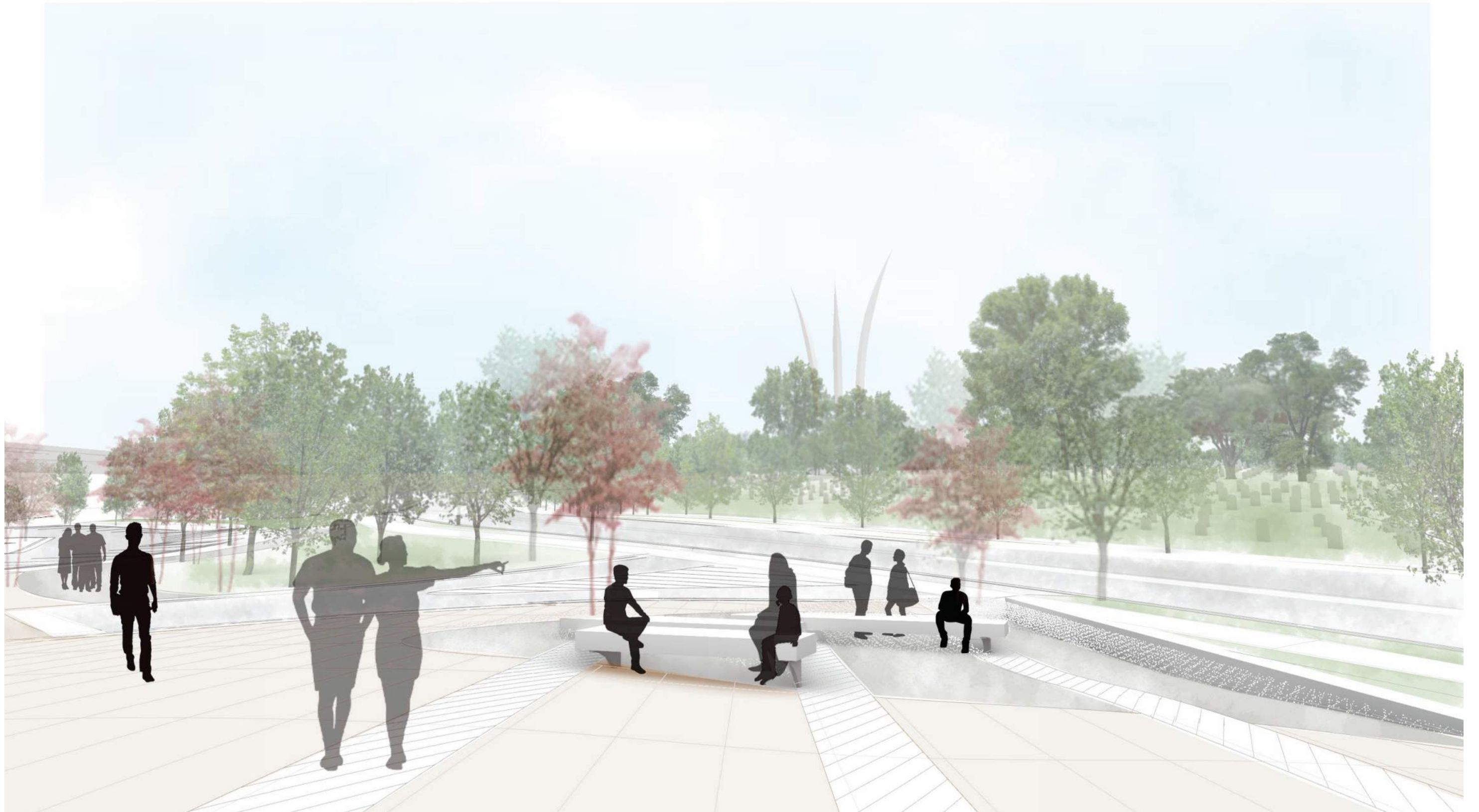














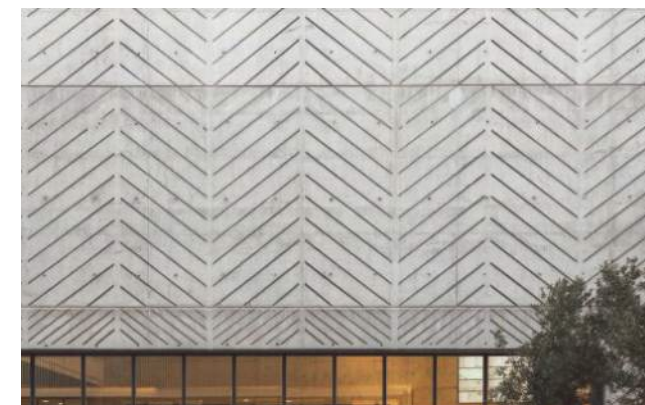
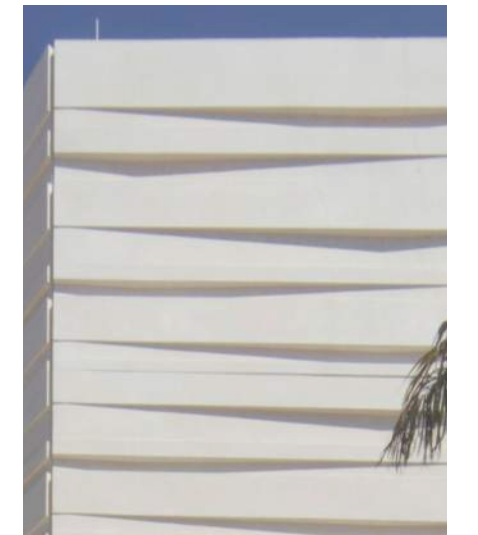
# MATERIAL STUDY

## DESIGN CONCEPT



**PALE PRECAST FINISHES**

As-cast, Sandblasted, Acid-etched, Exposed Aggregate



**CONCRETE TEXTURES + PATTERNING**

Precast Panelization, Modular Formwork, Prefabrication



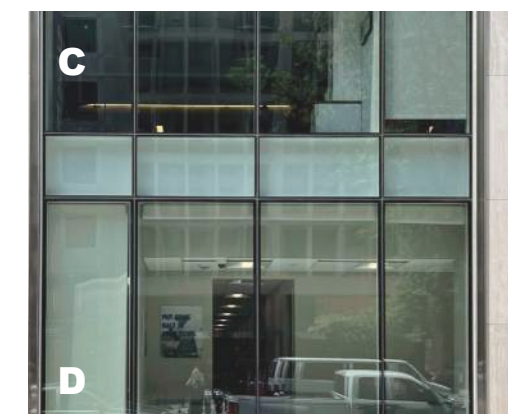
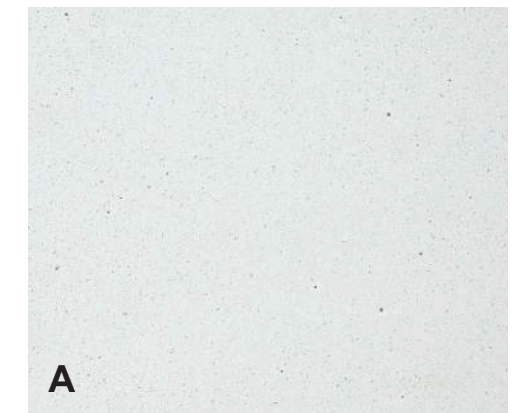
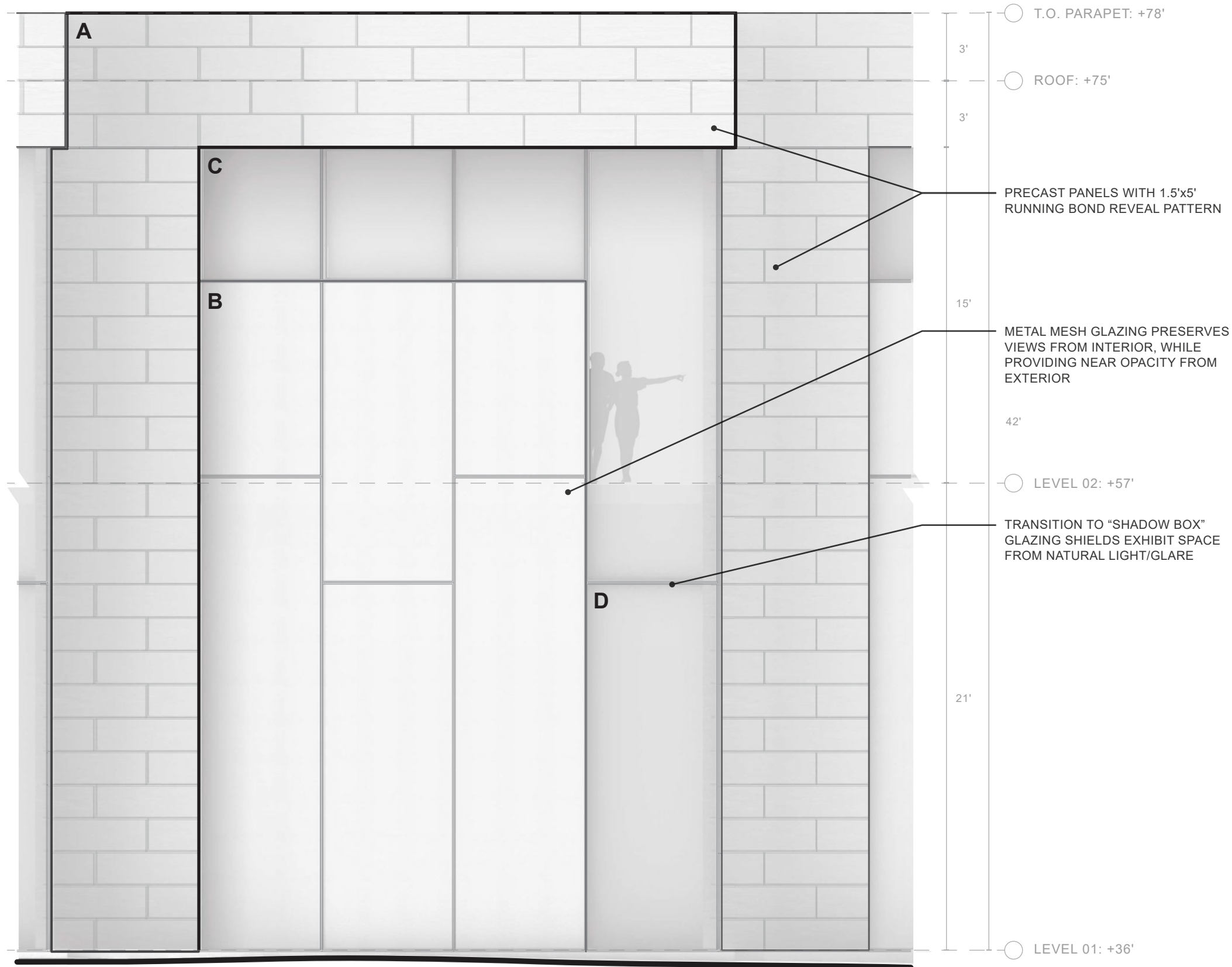
GLAZING: Vision + "Shadow Box"  
Control Transparency (to Support Interior Program)

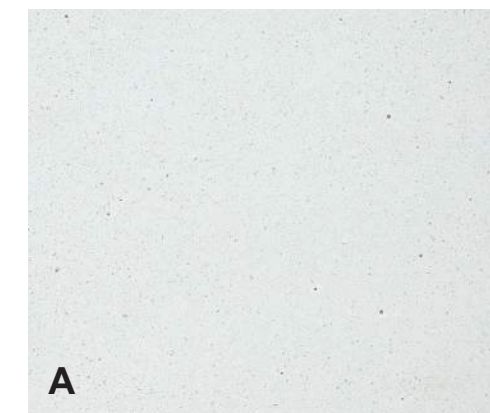
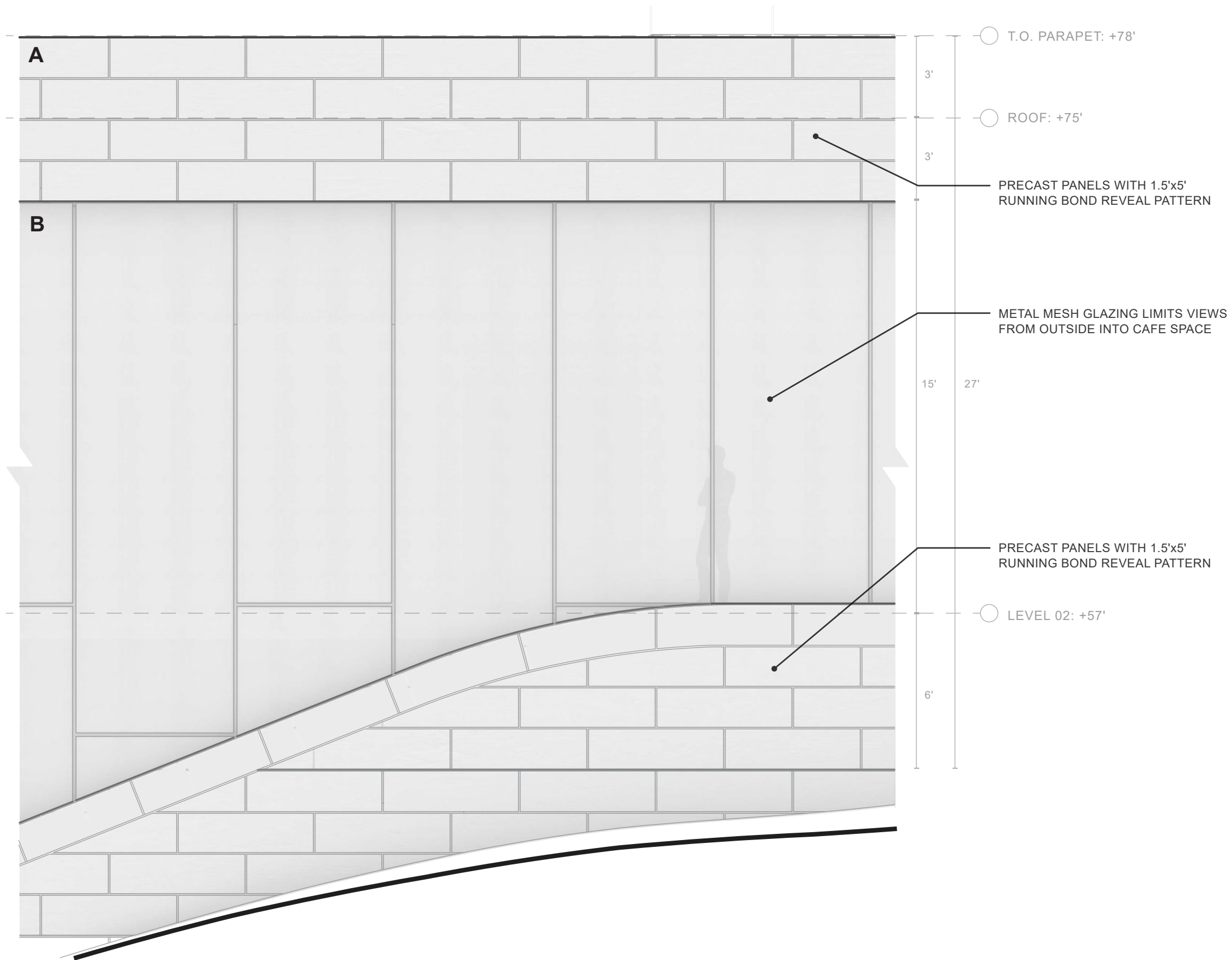


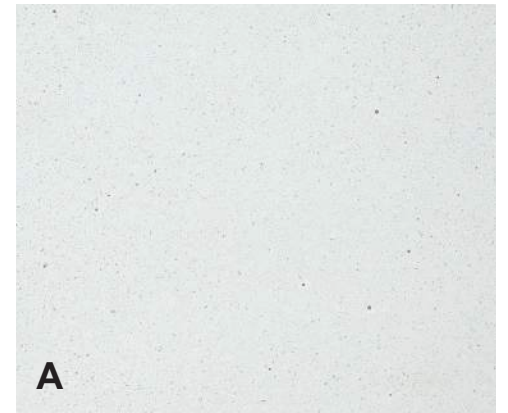
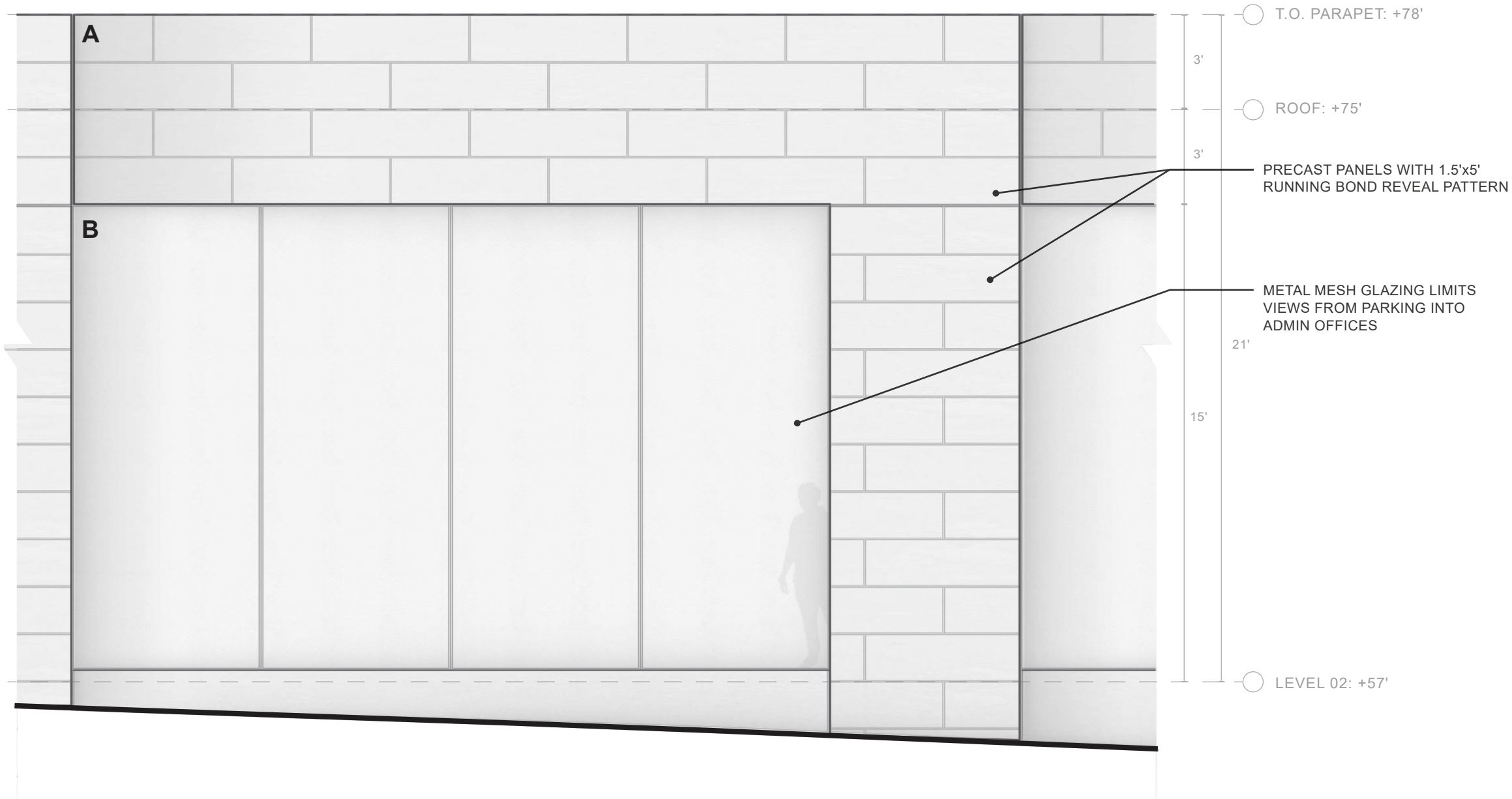
GLAZING: Ceramic Frit  
Light Diffusion, Decorative Patterns

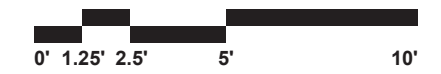
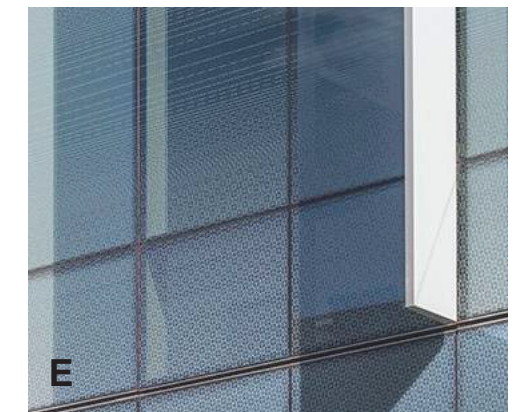
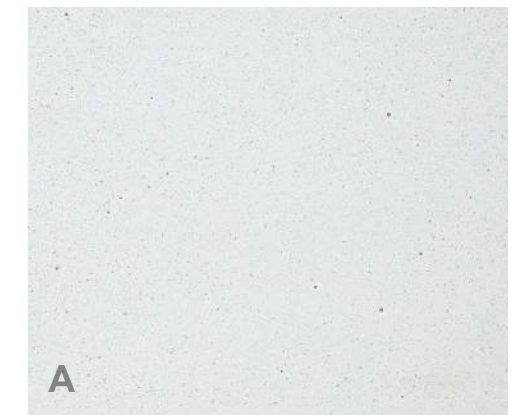
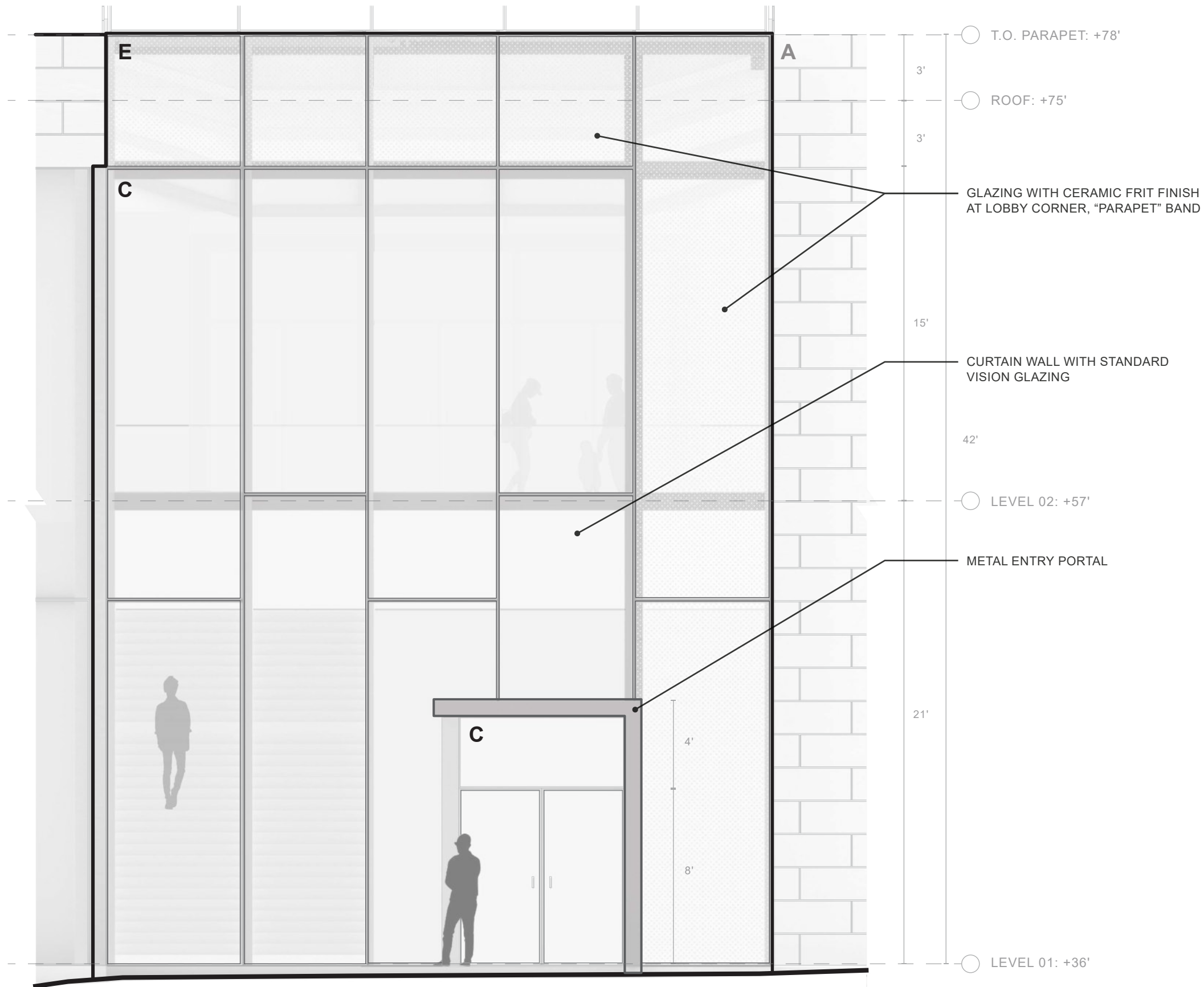


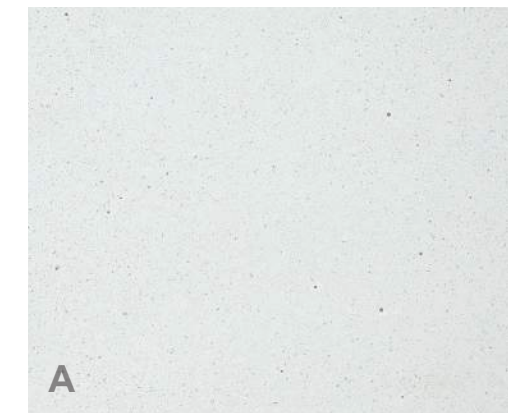
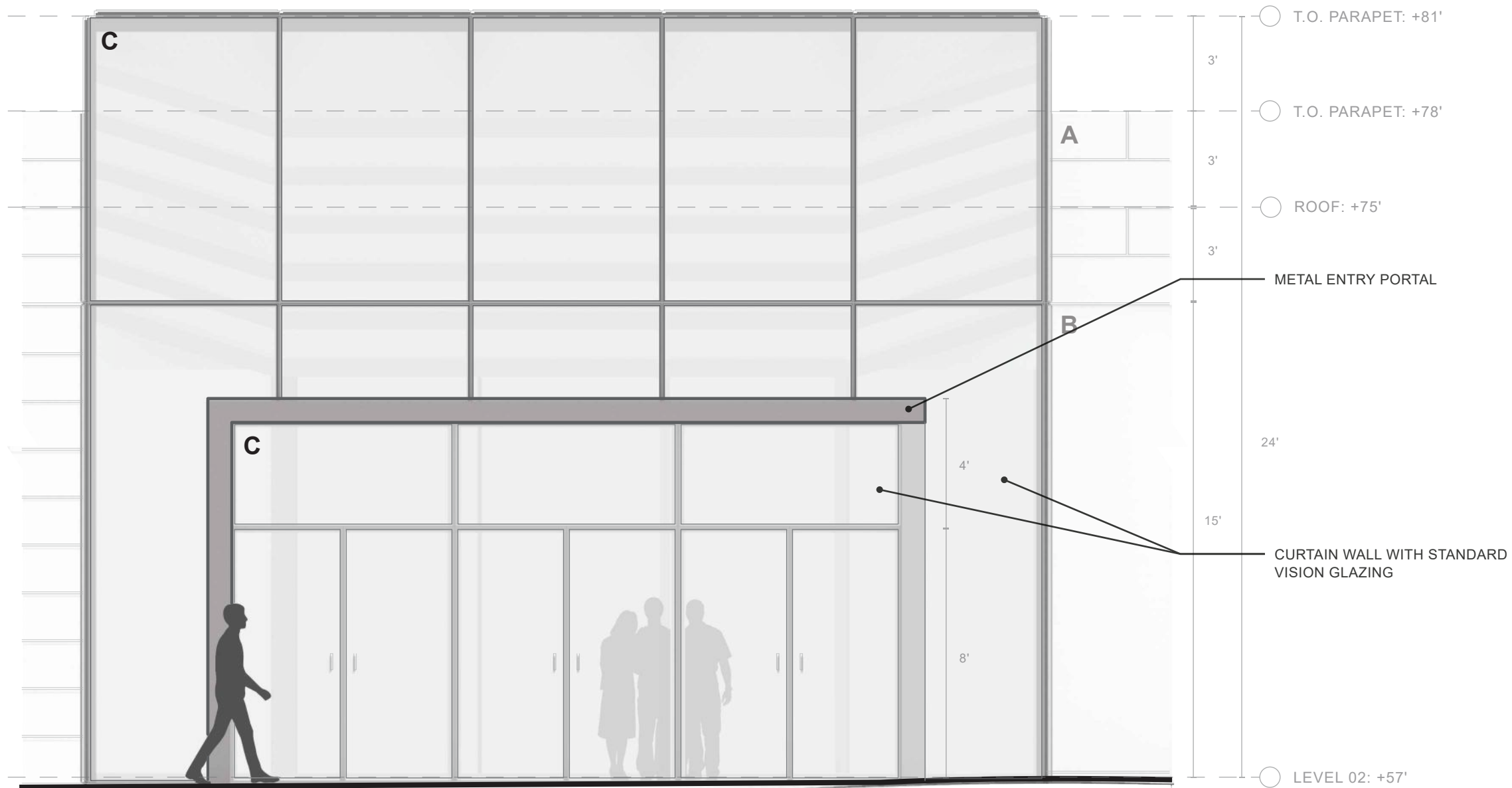
GLAZING: Metal Mesh Inner Layer  
Increased Privacy (Controlling Views from Outside / Preserving Views from Inside), Light Diffusion







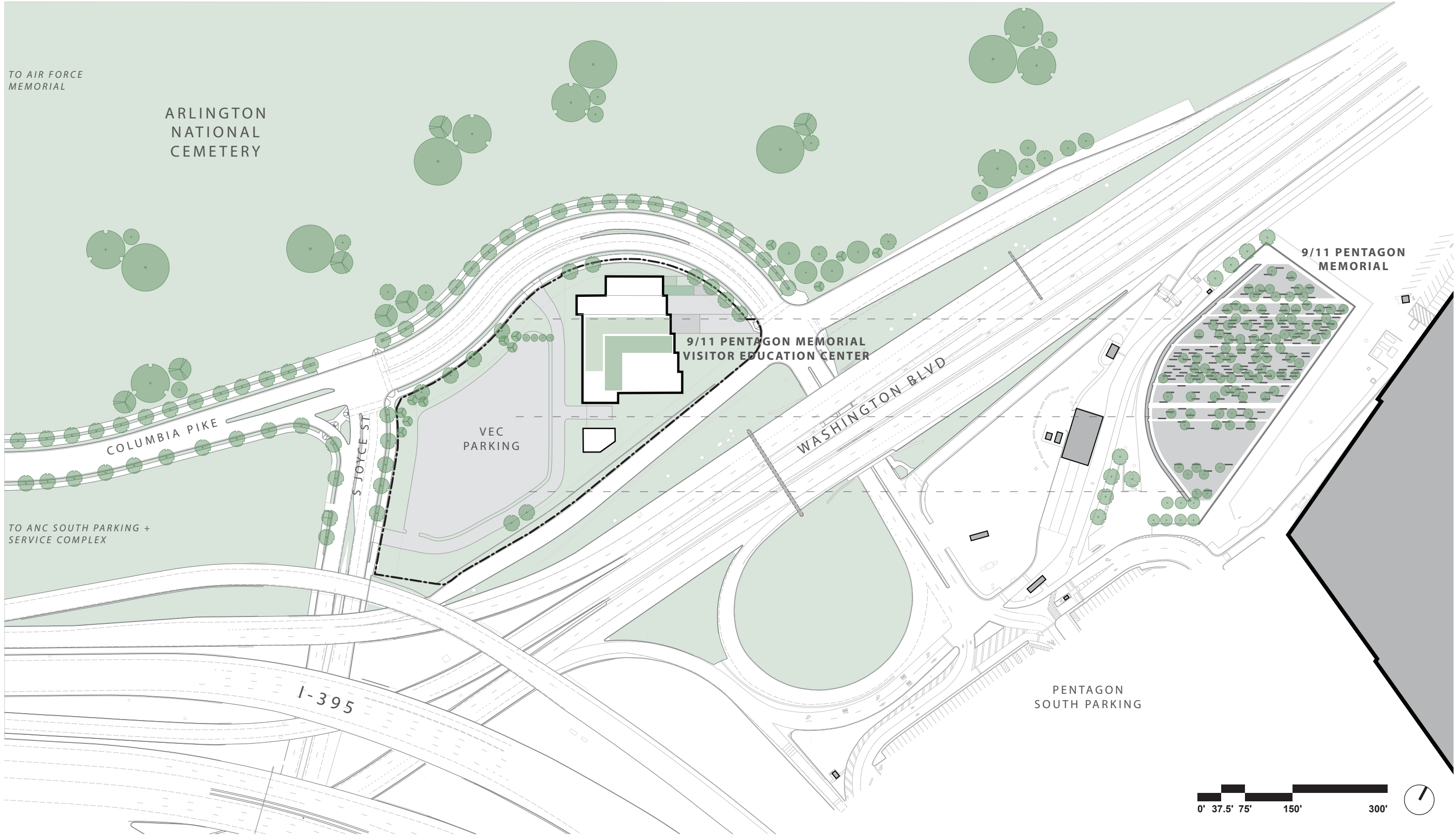






# SITE + VIEWSHEDS

## DESIGN CONCEPT



TO AIR FORCE  
MEMORIAL

ARLINGTON  
NATIONAL  
CEMETERY

9/11 PENTAGON  
MEMORIAL

9/11 PENTAGON MEMORIAL  
VISITOR EDUCATION CENTER

COLUMBIA PIKE

WASHINGTON BLVD

VEC  
PARKING

CAR/SERVICE EXIT  
TO S JOYCE ST

CAR TRAFFIC TO  
PARKING LOT

PEDESTRIAN ACCESS  
ROUTE FROM MEMORIAL

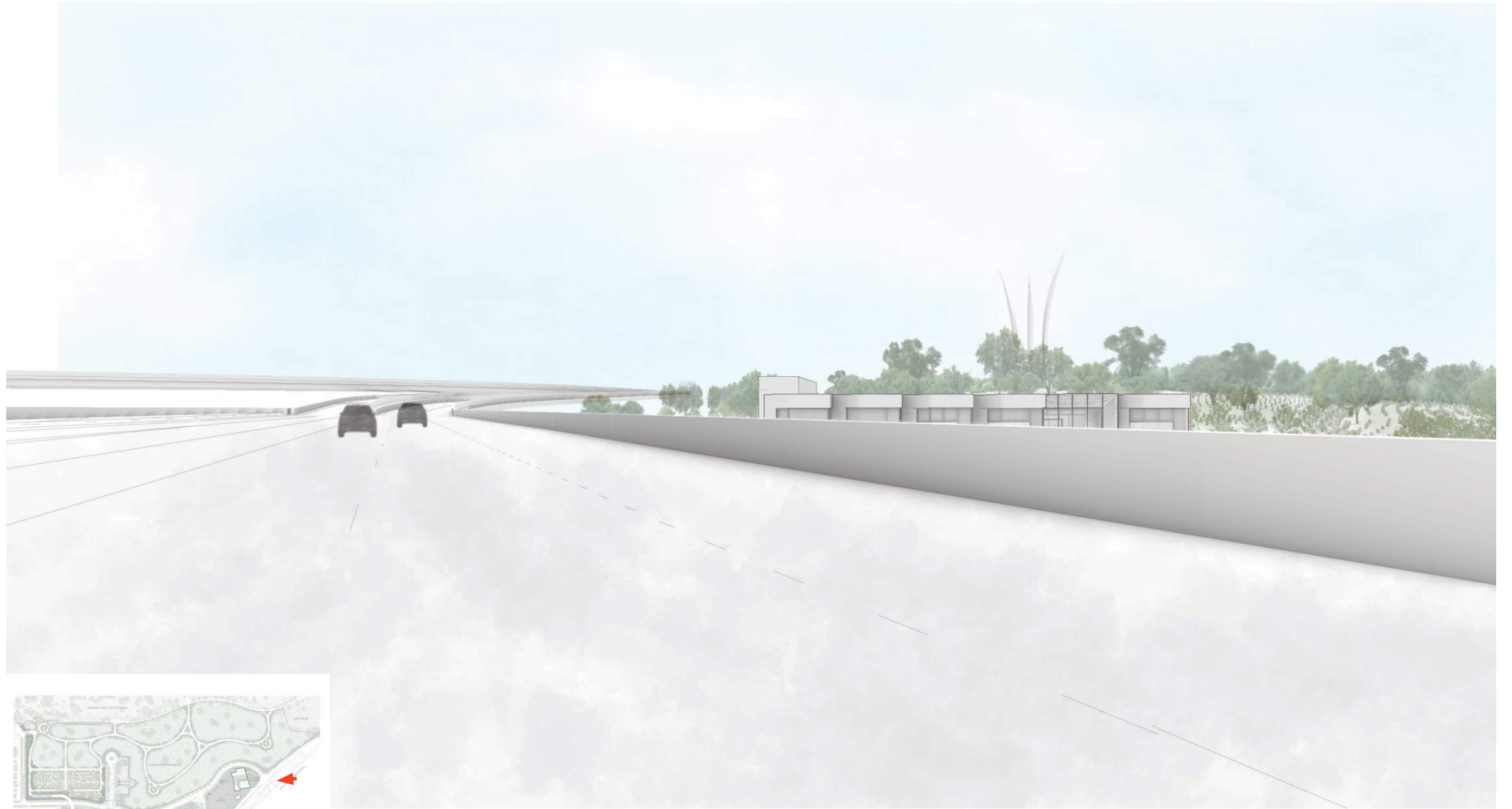
PRIMARY VEHICLE ENTRY  
OFF OF S JOYCE ST

I-395

PENTAGON  
SOUTH PARKING

- > PEDESTRIAN ACCESS
- > PUBLIC VEHICLE ACCESS
- > SERVICE ACCESS











# SITE + LANDSCAPE DESIGN

## DESIGN CONCEPT

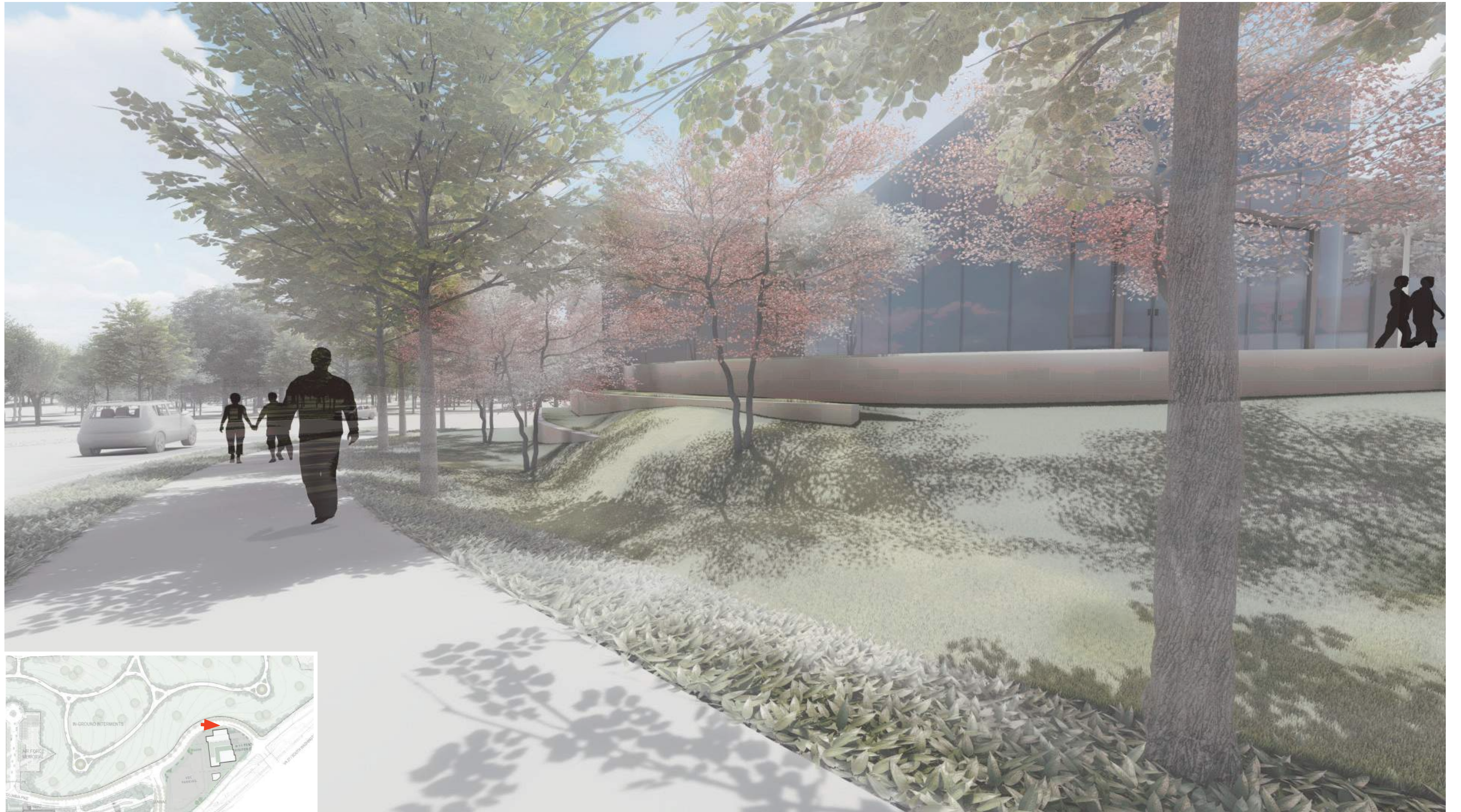
















# QUESTIONS + COMMENTS

