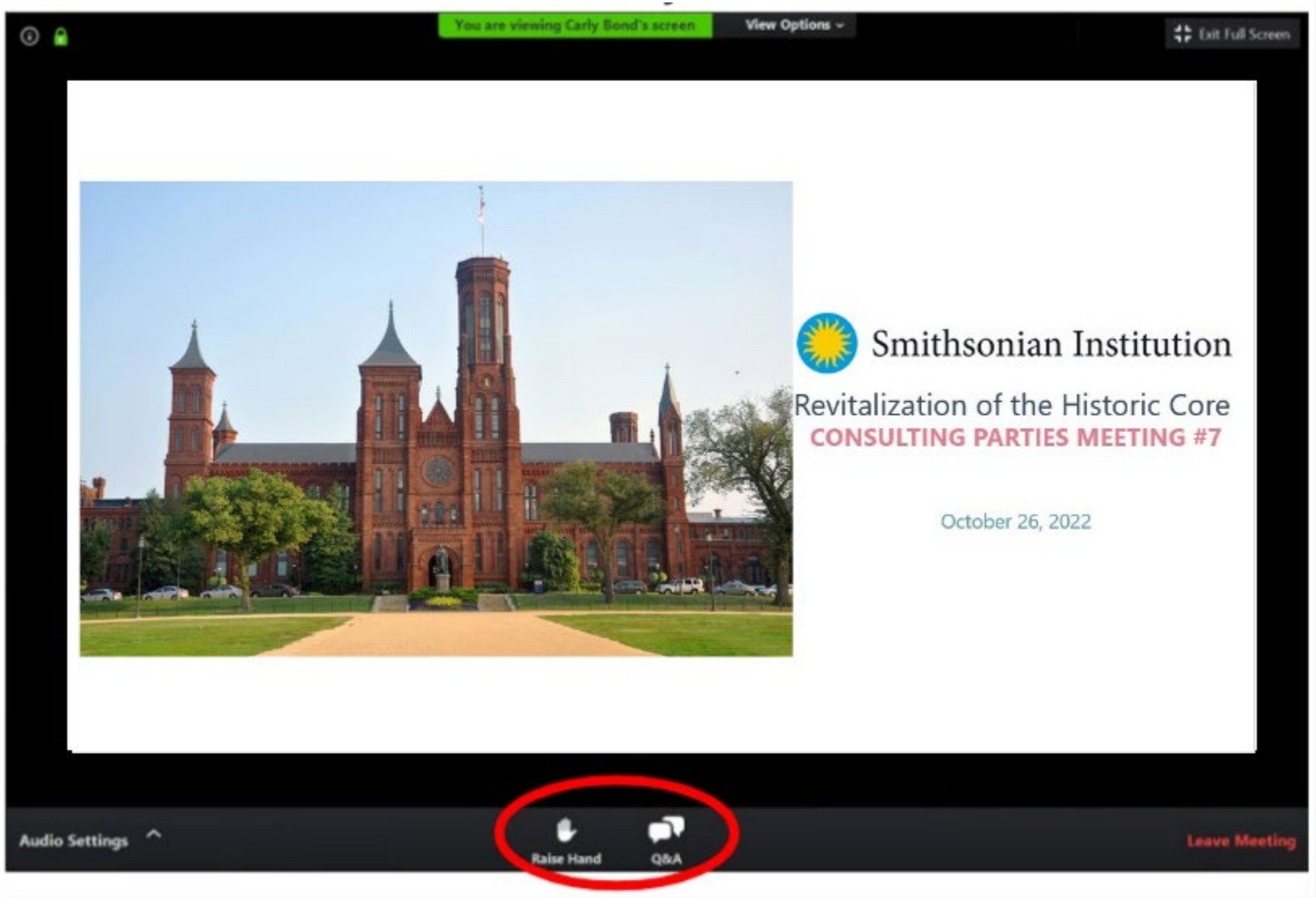
Welcome!

The meeting will begin momentarily.



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 access to your device's microphone.

Smithsonian Institution

Revitalization of the Historic Core

CONSULTING PARTIES MEETING #7

October 26, 2022

PANEL OF SPEAKERS

MODERATOR

Carly Bond, Historic Preservation Specialist, Smithsonian Facilities

PRESENTERS / PANELISTS

Sharon Park, FAIA, Assoc. Director of Historic Preservation, Smithsonian Facilities
Brenda Sanchez, FAIA, Sr. Design Manager, Smithsonian Facilities
Christopher Lethbridge, Architect/Program Manager, Smithsonian Facilities
Lauren Brandes, RLA, ASLA, Smithsonian Gardens
Matthew Chalifoux, FAIA, Sr. Historic Preservation Architect, EYP-Loring, LLC
Anthony Bochicchio, AIA, Project Manager, EYP-Loring, LLC
Faye Harwell, FASLA, Landscape Architect, RHI (Rhodeside and Harwell)

AGENDA

- Review RoHC Scope – Revitalize Castle
- Initial Consultation (Phase 1)
  - Areaways and Window Wells
  - Seismic Joint Cover
  - Extent of Excavation
  - Alternative Pedestrian Routes
- Other Review Topics
  - South Tower Elevator Penthouses + Louvered Penthouse
  - Perimeter Security – Jefferson Drive
- Project Schedule
- Next Steps

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RoHC Revitalize Castle - Project Schedule

Milestone	Date
Installation of Vibration Monitors	October 2022
Castle Closes – Staff and Collections Moves Completed	February 2023
Telecommunications Hub Relocation Construction Completed	February 2023
Castle Construction Start	March 2023
Portions of Castle Reopen for 2026 Activities	Spring 2026
Castle Façade and Public Access Area Construction Resumes	Fall 2026

Phased Section 106 Consultation

- March 2023 construction start cannot be delayed
- Project needs more time for Section 106 consultation, design alternatives, and mock-ups
- Phased design and consultation strategy identifies the critical items for Phase 1 (Baseline Project)
- Design work and Section 106 consultation will not stop between Phases

Phase 1 (Baseline Project)
Section 106 Consultation and Final National Capital Planning Commission Approval Complete by March 2023

- Areaways/Window Wells (Locations and Dimensions)
- Seismic Control Joint (Location and Width)
- Extent of Excavation Adjacent to the Castle - SIB Extension (B1 Level), B2 Level Cistern
- Excavation Beneath the Castle
  - Base Isolation
  - Lowering of the Basement Level
  - Future Quadrangle Building Connection
  - Mechanical Distribution Level
- Alternate Pedestrian Routes
- Cumulative Effects

Phased Section 106 Consultation

Phase 2
Section 106 Consultation Continues through 2023

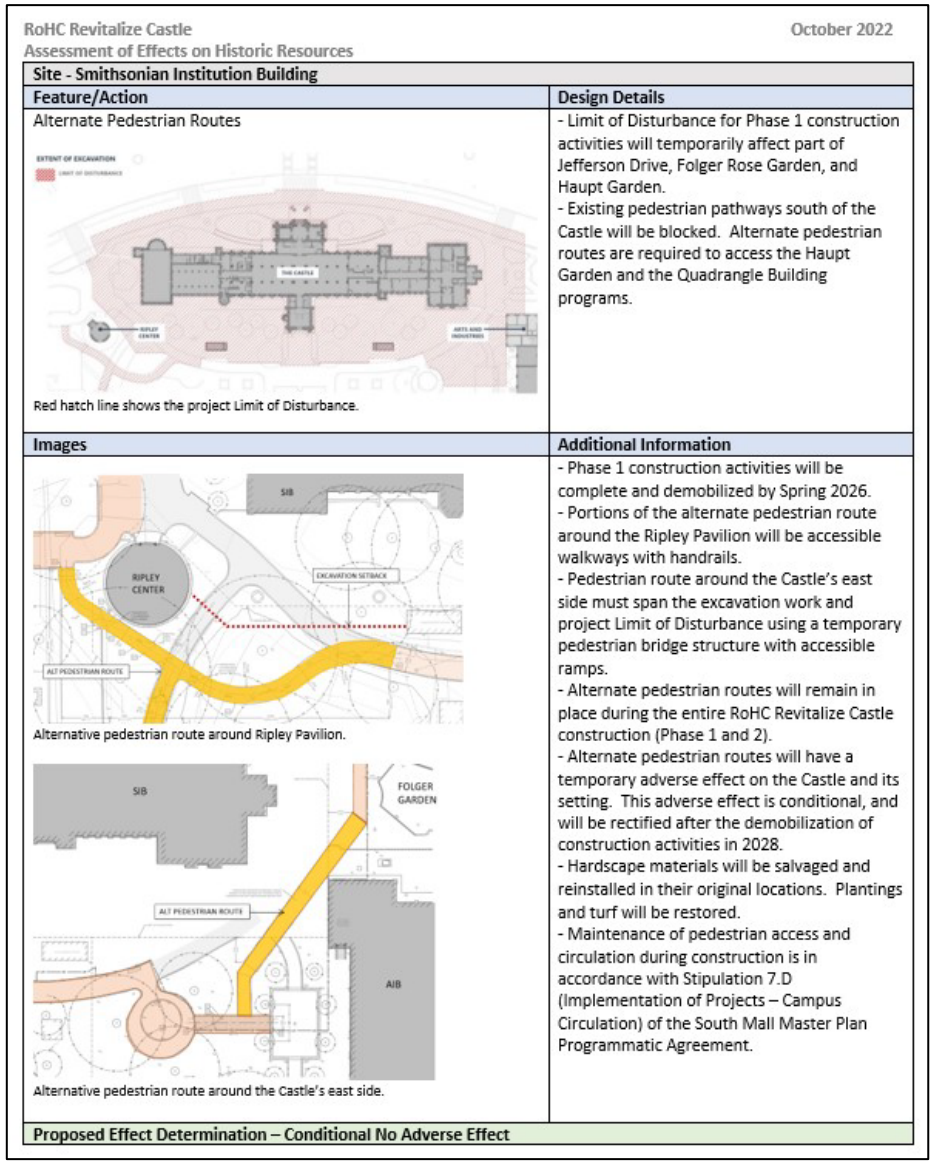
Existing Items

- Areaways and Window Wells Finishes and Railings
- Seismic Control Joint Cover Plate Finishes
- Landscape
- Perimeter Security
- Lighting
- Roof Replacement
- Roof Modifications – Energy Improvements
- Rooftop Mechanical Vents
- East Wing – 4th Floor Egress
- Windows
- Exterior Masonry Restoration
- New Basement Windows
- Basement Egress Doors
- South Entrance – Accessibility
- North Entrance - Accessibility
- Cumulative Effects

New Items

- Egress Doors Interior Effects
- Windows Interior Effects
- Basement Level Interior Alterations
- South Tower Elevator
- South Tower Elevator Interior Effects
- Emergency Generator
- Exterior Masonry Restoration Plan B

Assessment of Effects on Historic Resources



RoHC Revitalize Castle — October 2022
Assessment of Effects on Historic Resources

Site - Smithsonian Institution Building	
Feature/Action	**Design Details**
Alternate Pedestrian Routes Red hatch line shows the project Limit of Disturbance.	- Limit of Disturbance for Phase 1 construction activities will temporarily affect part of Jefferson Drive, Folger Rose Garden, and Haupt Garden. - Existing pedestrian pathways south of the Castle will be blocked. Alternate pedestrian routes are required to access the Haupt Garden and the Quadrangle Building programs.
Images	**Additional Information**
Alternative pedestrian route around Ripley Pavilion. Alternative pedestrian route around the Castle's east side.	- Phase 1 construction activities will be complete and demobilized by Spring 2026. - Portions of the alternate pedestrian route around the Ripley Pavilion will be accessible walkways with handrails. - Pedestrian route around the Castle's east side must span the excavation work and project Limit of Disturbance using a temporary pedestrian bridge structure with accessible ramps. - Alternate pedestrian routes will remain in place during the entire RoHC Revitalize Castle construction (Phase 1 and 2). - Alternate pedestrian routes will have a temporary adverse effect on the Castle and its setting. This adverse effect is conditional, and will be rectified after the demobilization of construction activities in 2028. - Hardscape materials will be salvaged and reinstalled in their original locations. Plantings and turf will be restored. - Maintenance of pedestrian access and circulation during construction is in accordance with Stipulation 7.D (Implementation of Projects – Campus Circulation) of the South Mall Master Plan Programmatic Agreement.
Proposed Effect Determination – Conditional No Adverse Effect	

- Assessment of Effects report updated for Consulting Parties review
- Phase 1 effect determinations are proposed final
- Phase 2 effect determinations are preliminary based on the current design development.
- Assessment will be posted to the project webpage on October 27th for review and comment

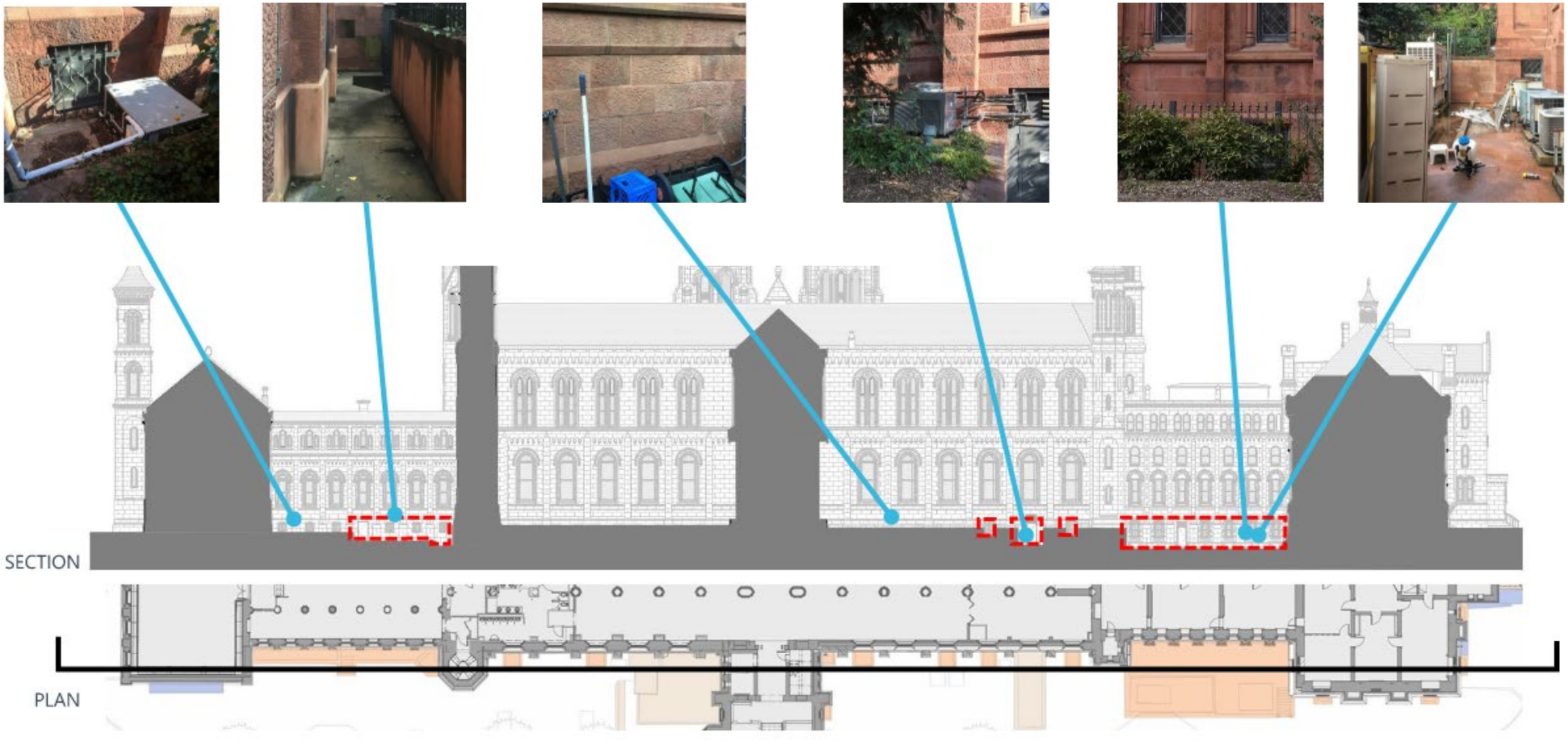
- Assessment of Effects report will be updated later to finalize Phase 2 effect determinations

PHASE 1 CONSULTATION

AREAWAYS AND WINDOW WELLS

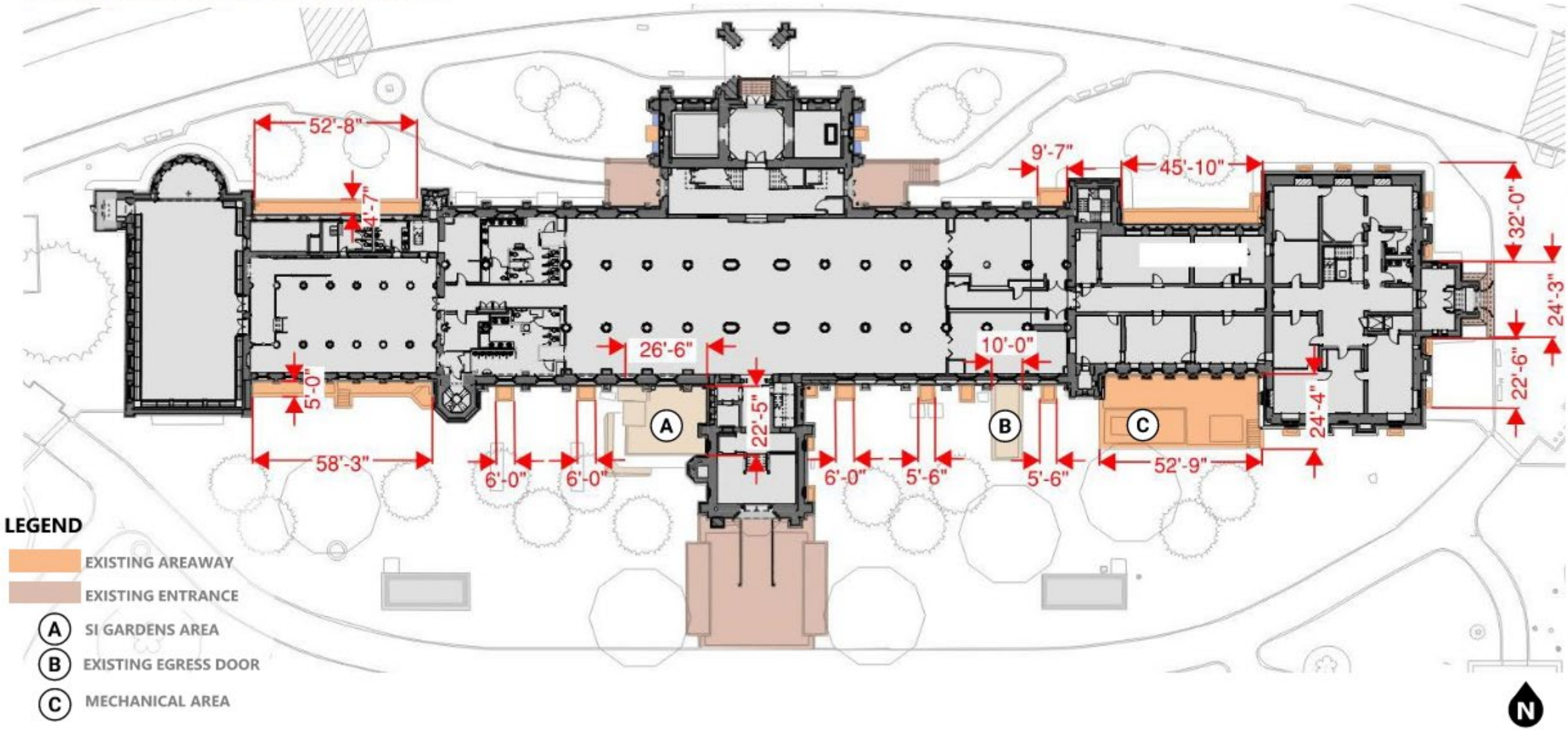
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH AREAWAYS | EXISTING CHARACTER



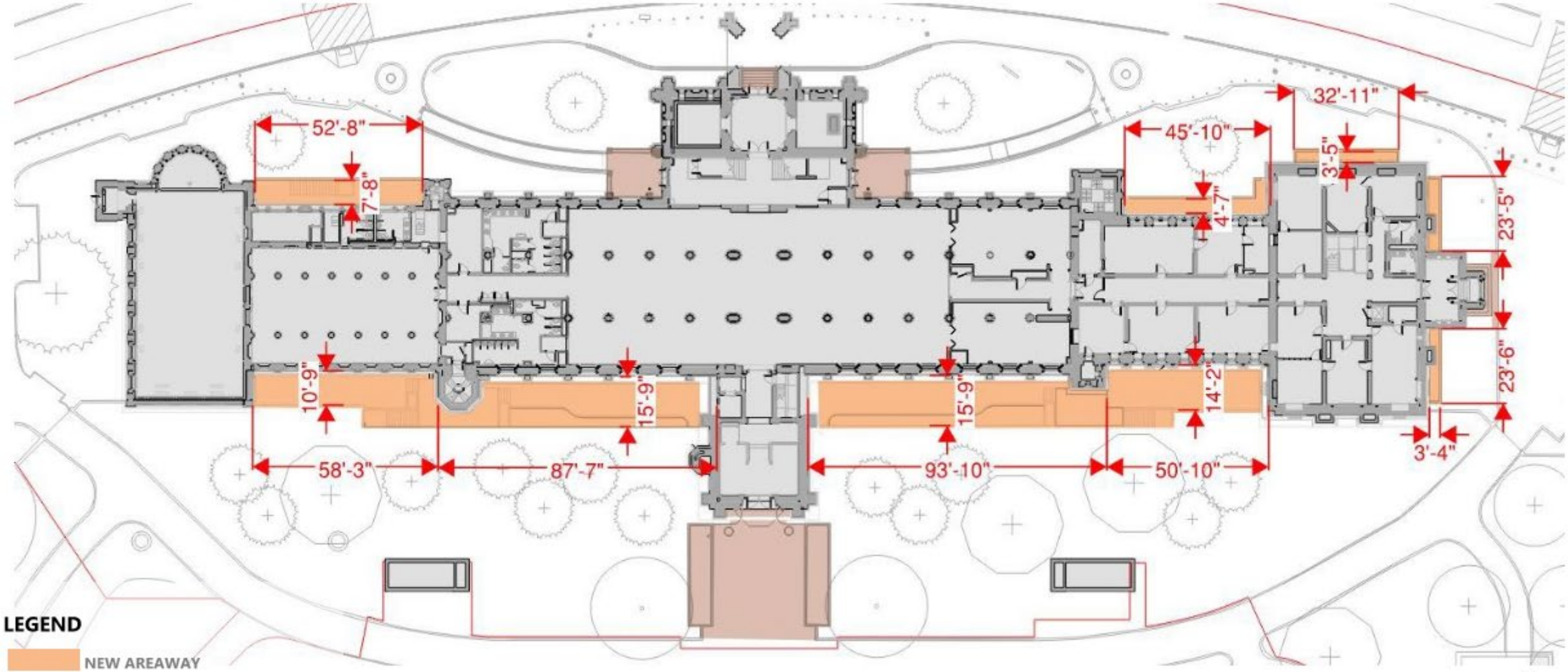
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXISTING AREAWAYS AND WINDOW WELLS



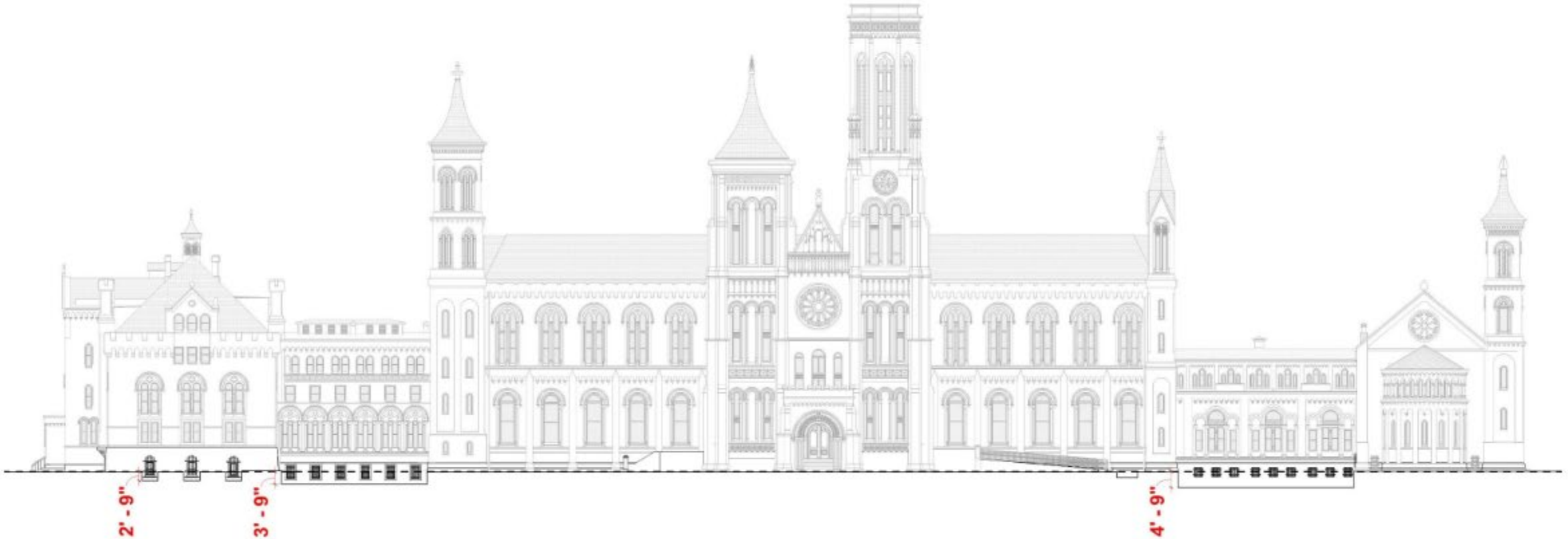
SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED AREAWAYS AND WINDOW WELLS



SMITHSONIAN INSTITUTION BUILDING (SIB)

OVERALL EXISTING ELEVATION (NORTH)



EXISTING ELEVATION | NORTH

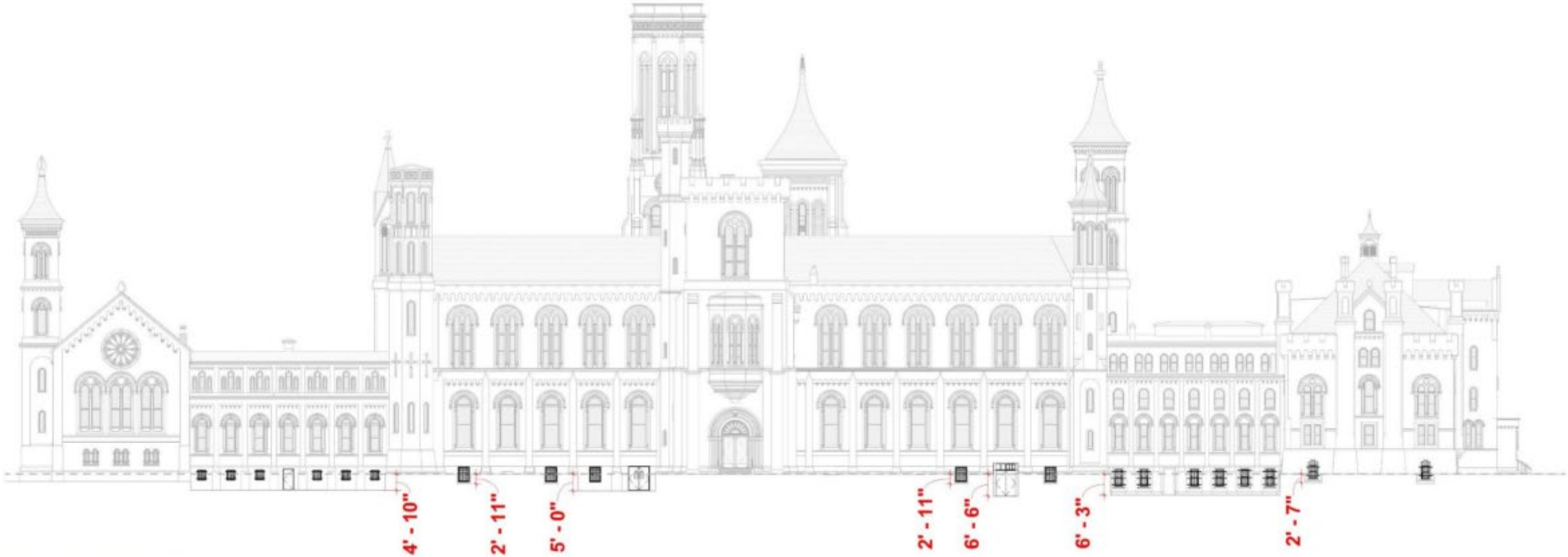
SMITHSONIAN INSTITUTION BUILDING (SIB)

OVERALL PROPOSED ELEVATION (NORTH)

PROPOSED ELEVATION | NORTH

SMITHSONIAN INSTITUTION BUILDING (SIB)

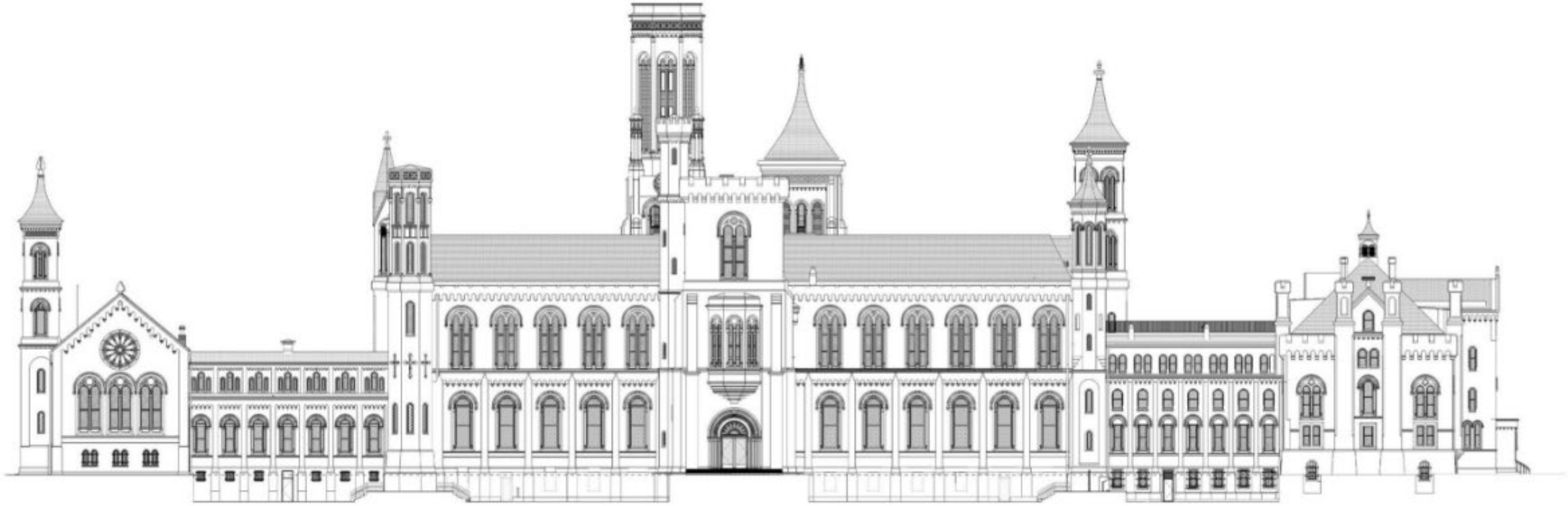
OVERALL EXISTING ELEVATION (SOUTH)



EXISTING ELEVATION | SOUTH

SMITHSONIAN INSTITUTION BUILDING (SIB)

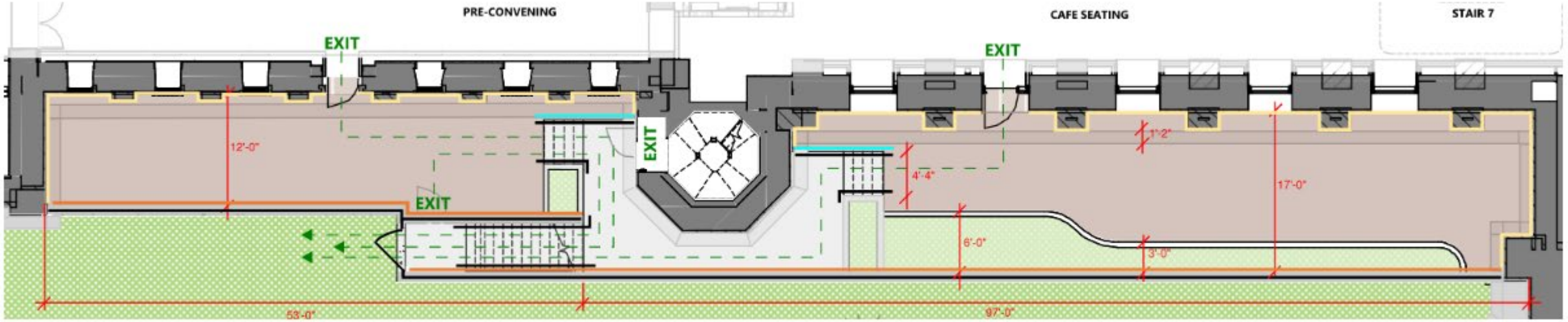
OVERALL PROPOSED ELEVATION (SOUTH)



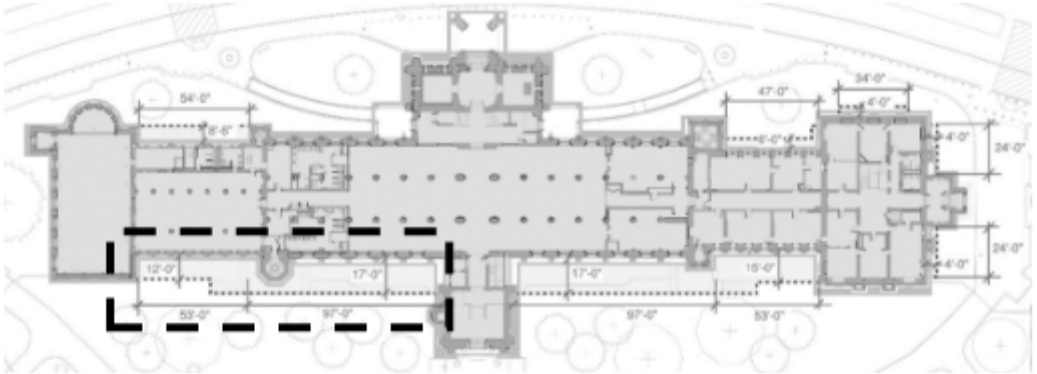
PROPOSED ELEVATION | SOUTH

SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTHWEST AREAWAY LAYOUT (SOUTHEAST AREAWAY SIMILAR)



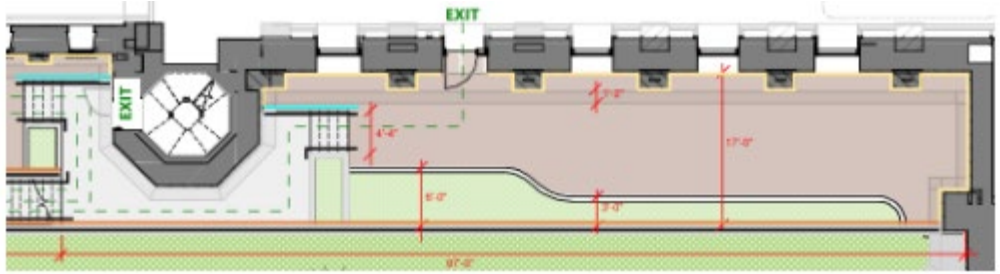
PARTIAL PLAN | SOUTHWEST AREAWAY



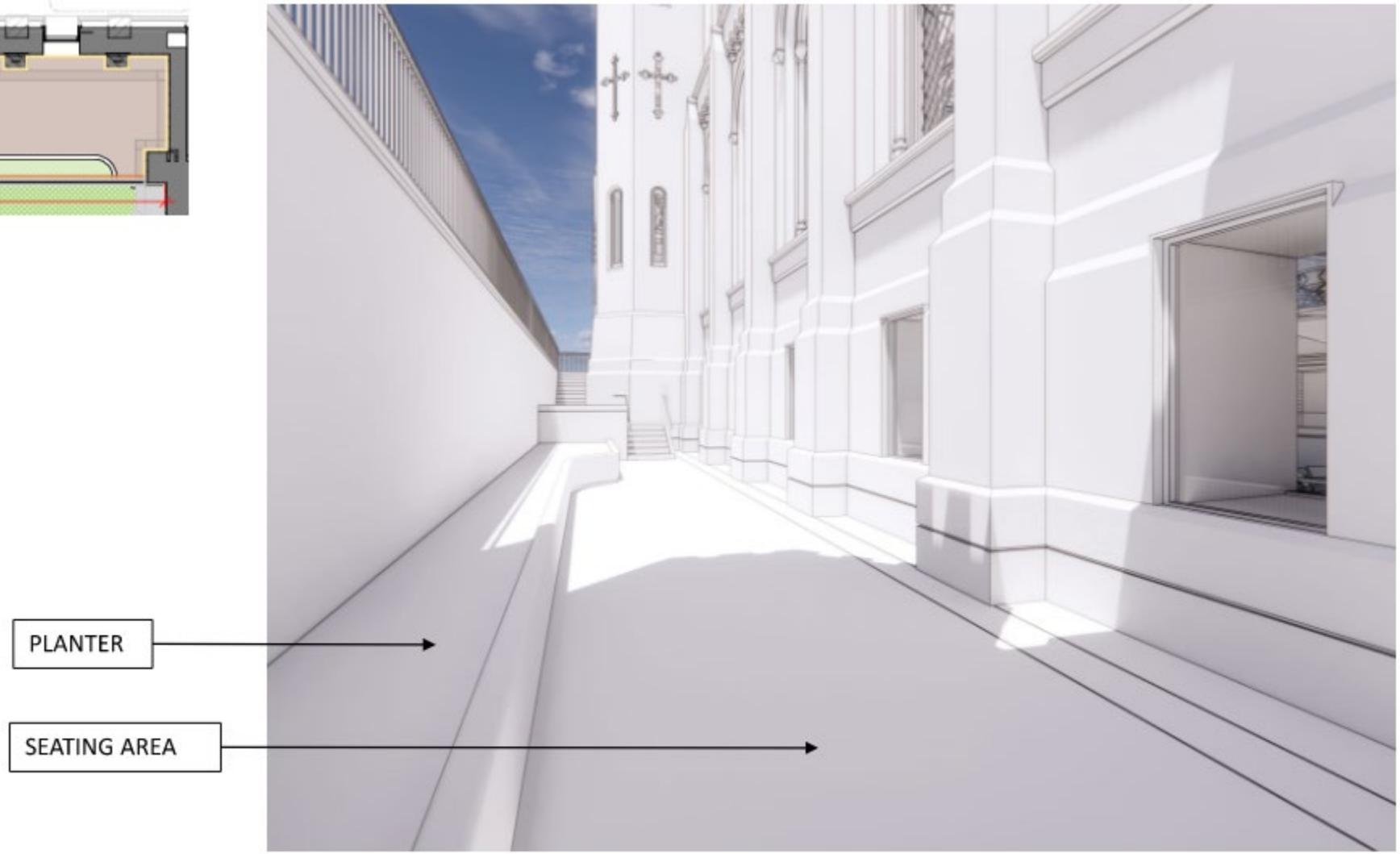
KEY PLAN

SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTHWEST AREAWAY CONCEPTUAL MASSING



PARTIAL PLAN | SOUTHWEST AREAWAY

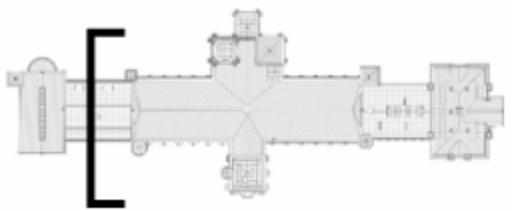


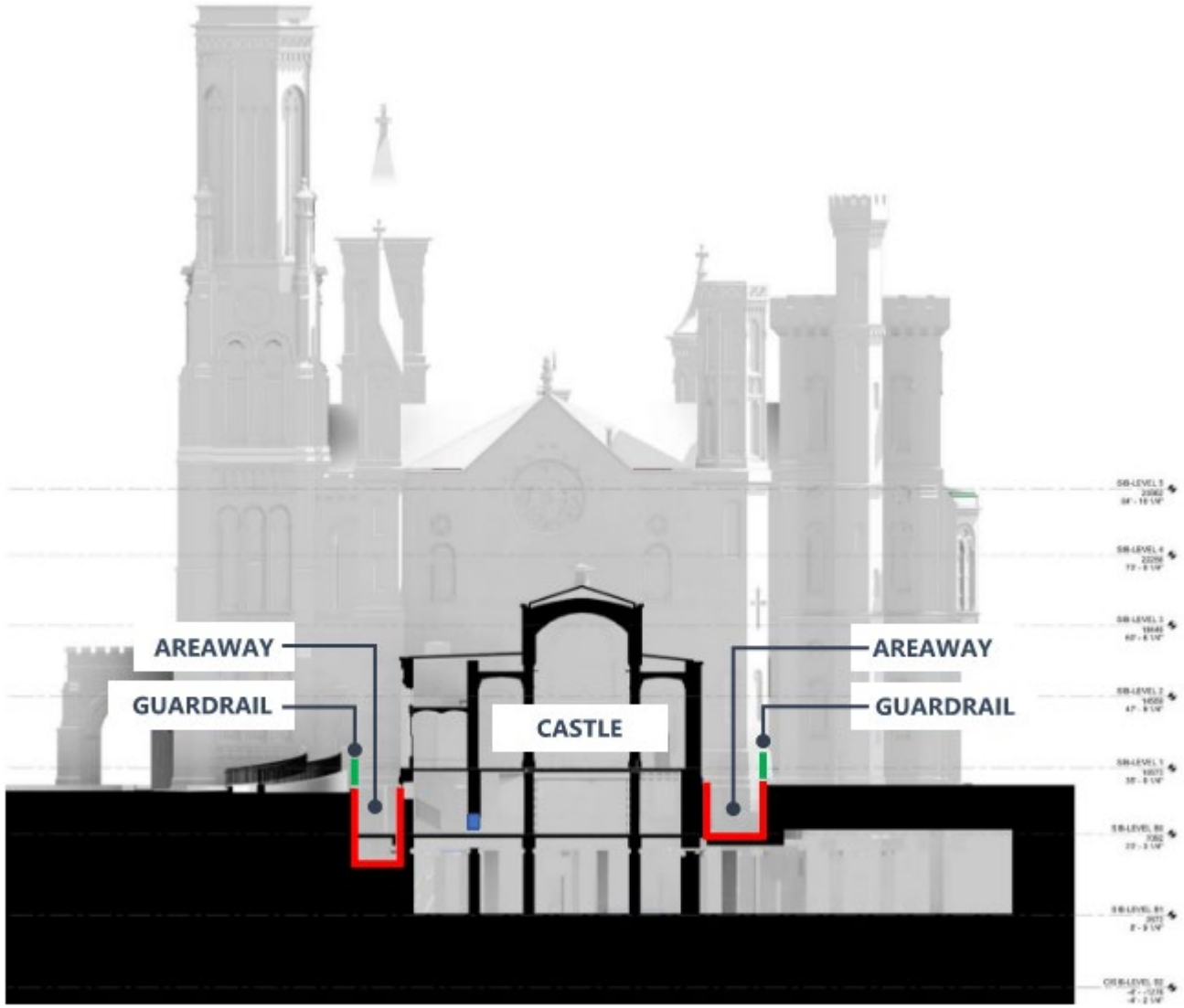
SOUTHWEST AREAWAY – CONCEPTUAL MASSING

SMITHSONIAN INSTITUTION BUILDING (SIB)

TRANSVERSE SECTION – SCHERMER HALL

SEISMIC MOAT OR AREAWAY

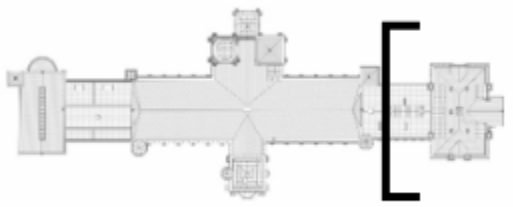


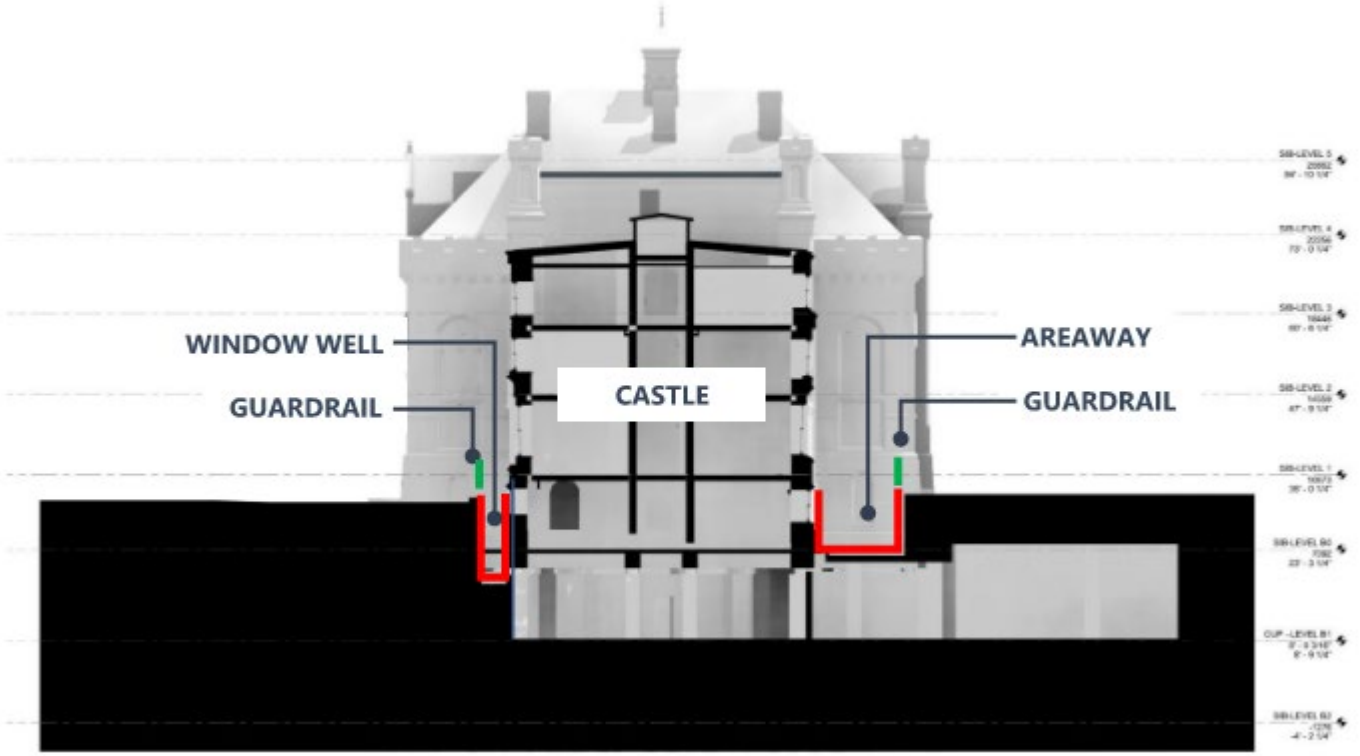


SMITHSONIAN INSTITUTION BUILDING (SIB)

TRANSVERSE SECTION – EAST RANGE

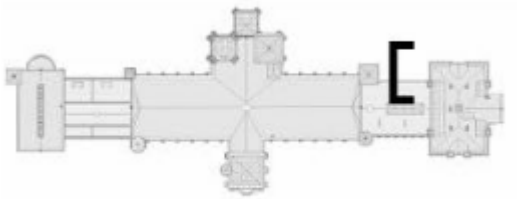
WINDOW WELL OR AREAWAY

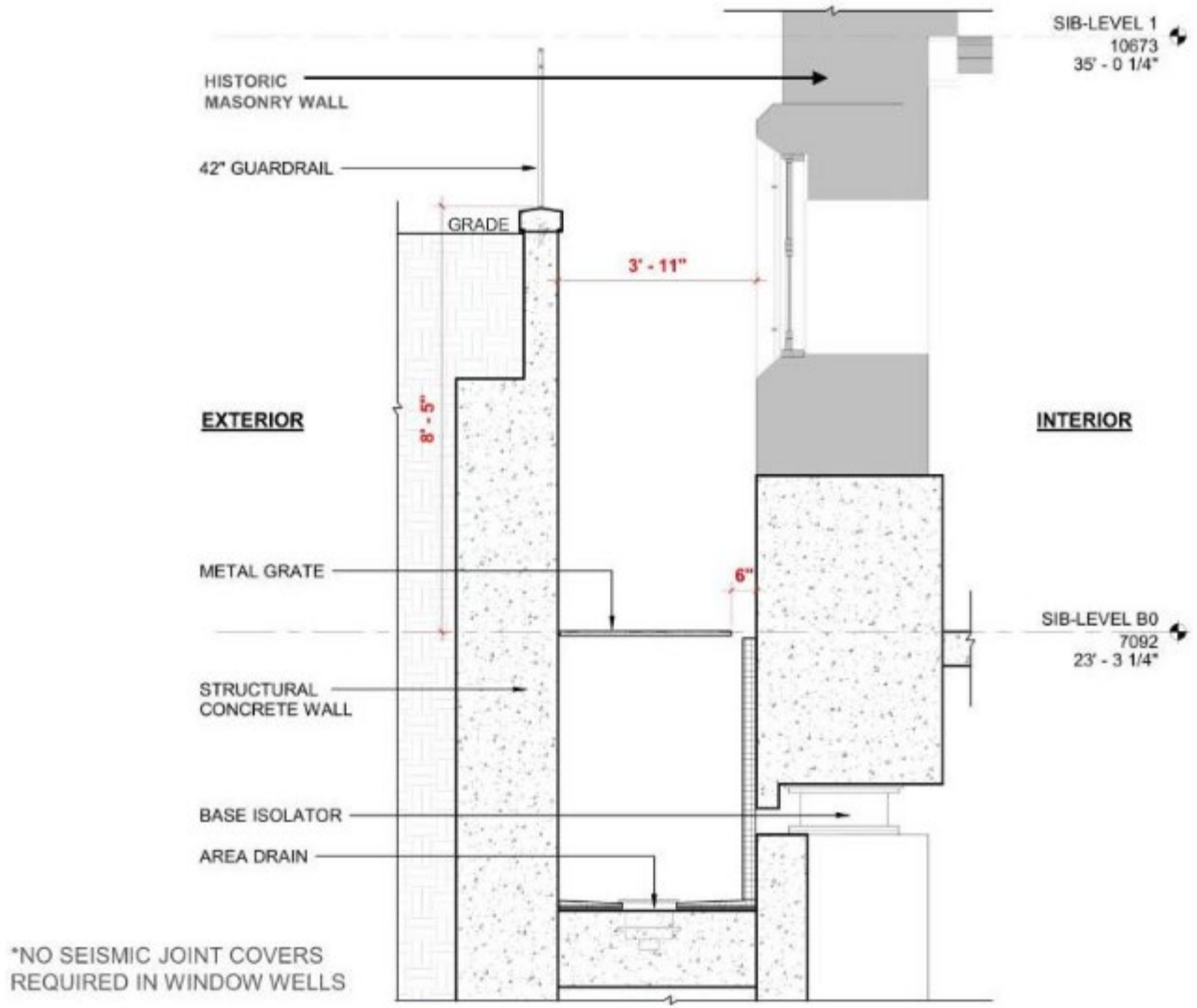




SMITHSONIAN INSTITUTION BUILDING (SIB)

TYPICAL WINDOW WELL

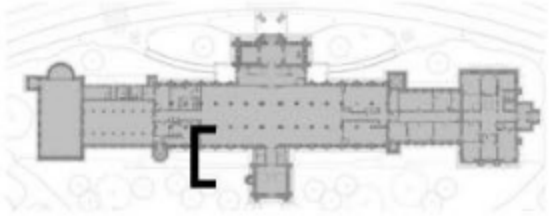


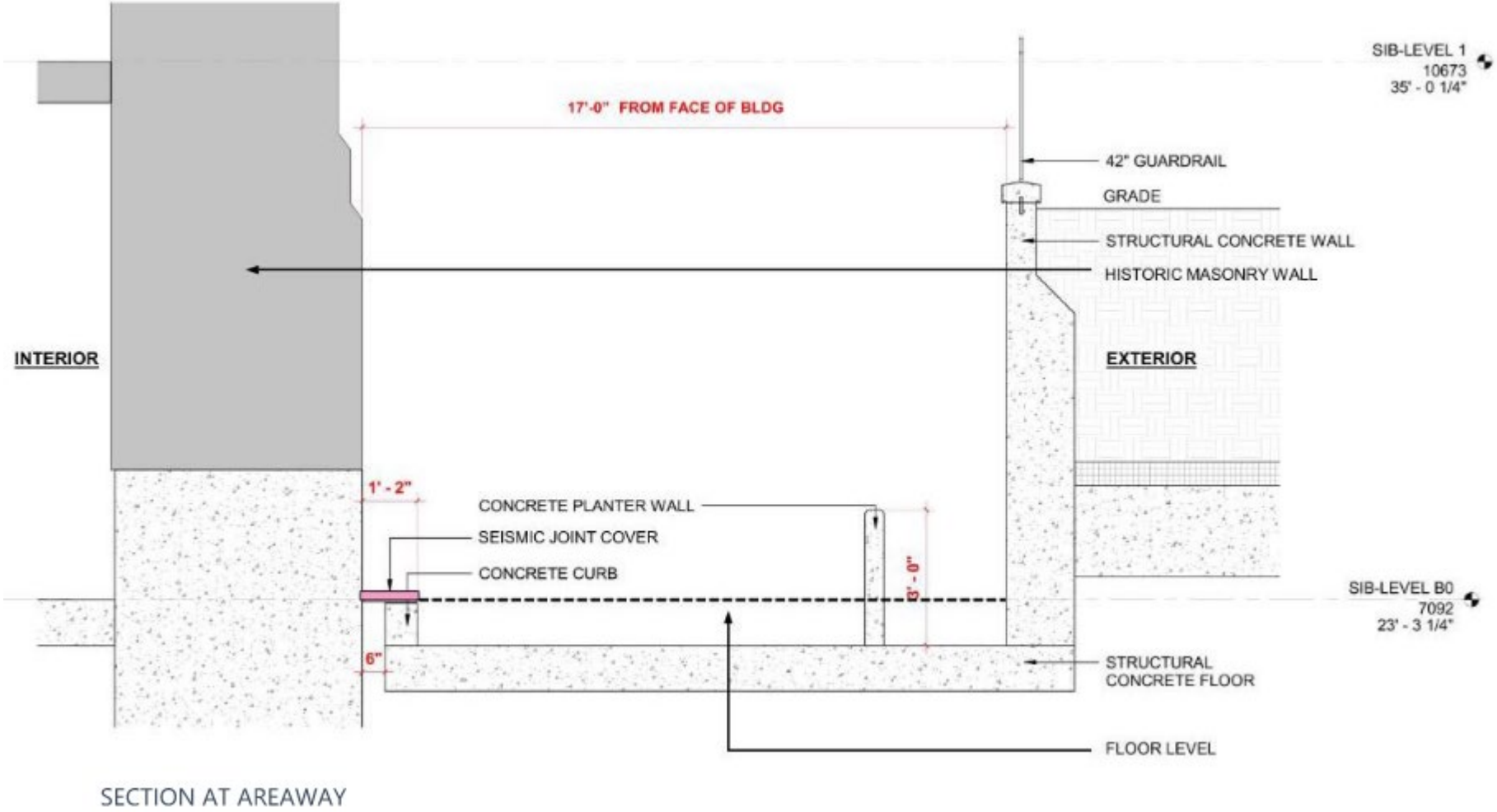


SECTION AT TYPICAL WINDOW WELL

SMITHSONIAN INSTITUTION BUILDING (SIB)

TYPICAL AREAWAY



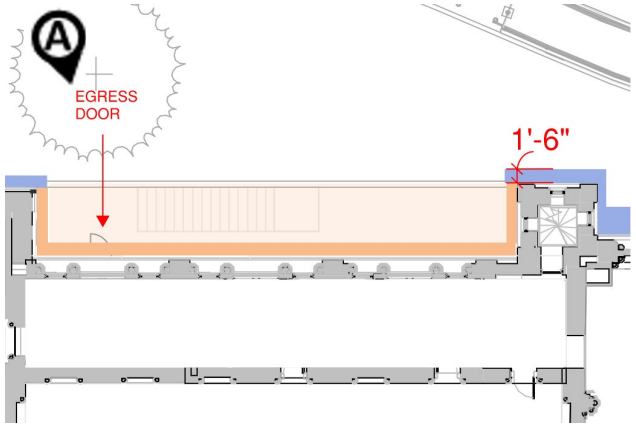


SECTION AT AREAWAY

SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAY VISIBILITY

WEST RANGE (NORTH)



Existing West Range

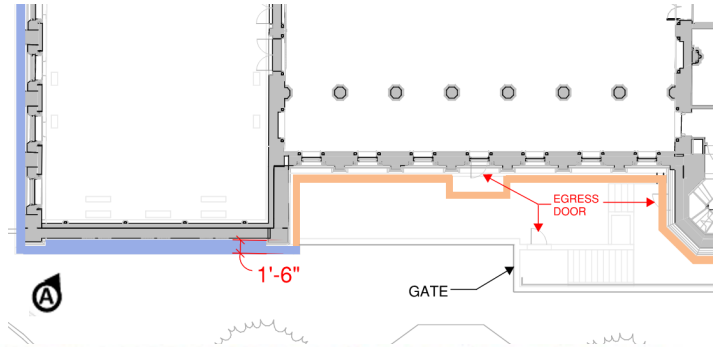
Conceptual Seismic Moat Cover Visualization

Note: The design of the railing at the areaway is in development- this image utilizes the design of the existing railings at the north entrance ramp

SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAY VISIBILITY

SOUTHWEST AREAWAY



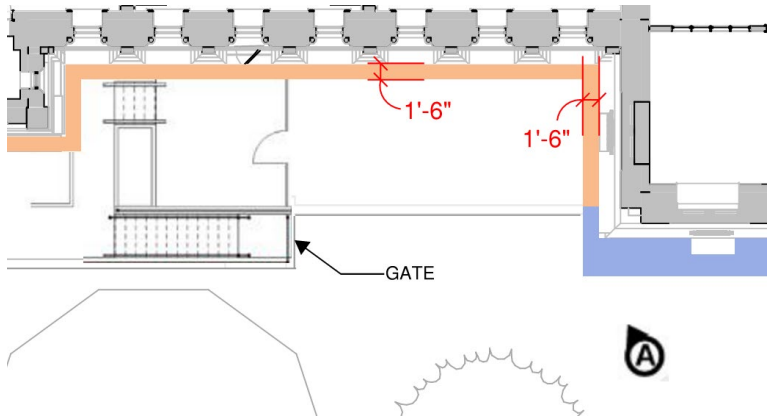
Existing Southwest Facade

Conceptual Seismic Moat Cover Visualization
Note: The design of the railing at the areaway is in development- this image utilizes the design of the existing railings at the north entrance ramp

SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAY VISIBILITY

SOUTHEAST AREAWAY



Existing Southeast Facade

Conceptual Seismic Moat Cover Visualization

Note: The design of the railing at the areaway is in development- this image utilizes the design of the existing railings at the north entrance ramp

SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAYS AND LIGHTWELLS

ASSESSMENT OF EFFECTS

Proposed Effect Determination- Adverse Effect

Design Details

- Areaways and window wells bring light to public spaces in the basement level or provide egress
- Areaways are sized to align with the Castle's massing

Additional Information

- Setting is a character defining feature
- Castle currently has 393 linear feet of areaways and 220 linear feet of aprons (paving at grade)
- Areaways and window wells require fall protection railings
- Proposed areaways and light wells alter the Castle's relationship with the ground plane
- Areaways, window wells, and the fall protection railings will be visible within the setting at the base of the Castle
  (Railing design alternatives will be finalized in Phase 2 of the Section 106 consultation)
- Adverse effect may be minimized through maintaining the landscape character within the Haupt Garden and setting north of the Castle
  (Landscape setting and plantings will be finalized in Phase 2 of the Section 106 consultation)
- Areaways will expose new portions of the foundations, with options for surface treatments and materials to minimize adverse effect
  (Design development and mock-ups will be advanced during Phase 2 of the Section 106 consultation)
- Existing sidewalks and pedestrian paths in the Haupt Garden will be maintained which restricts some visibility in combination with the landscaped setting and minimizes adverse effect

SEISMIC CONTROL JOINT

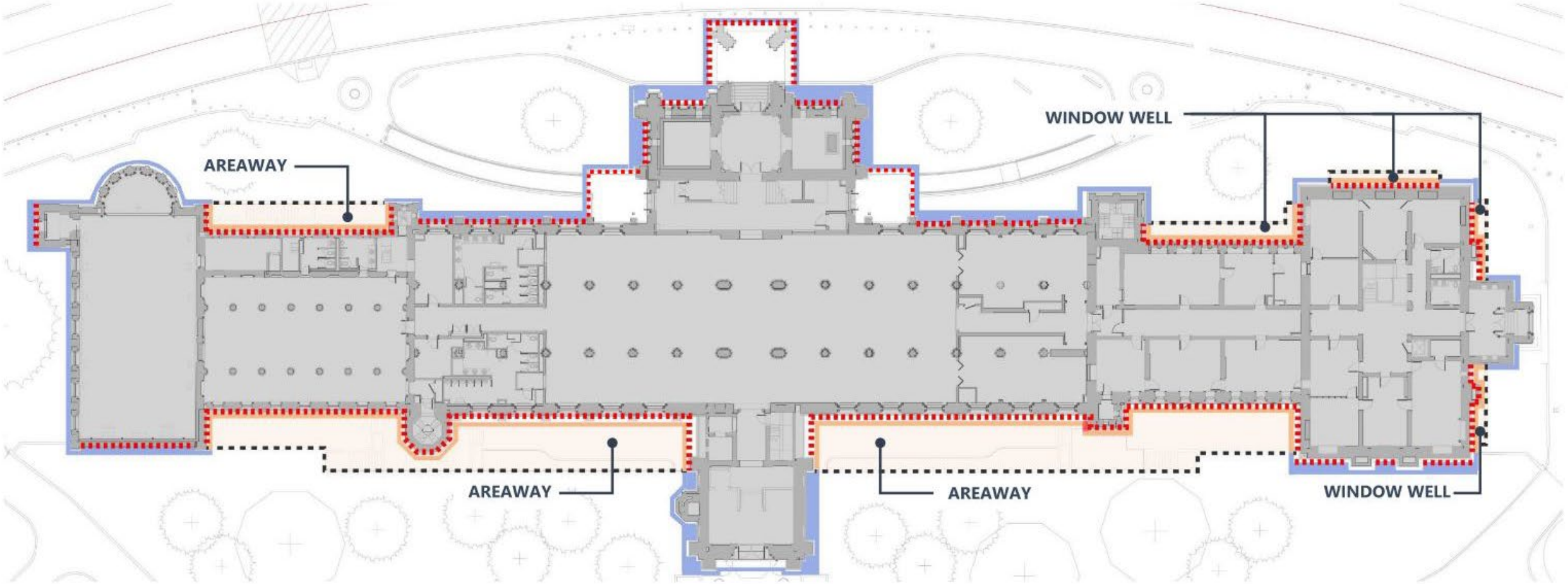
SMITHSONIAN INSTITUTION BUILDING (SIB)

SEISMIC CONTROL

SEISMIC MOAT WITH JOINT COVER (AT GRADE)

JOINT COVER (IN AREAWAYS / WINDOW WELLS)

JOINT COVER ANCHORED TO NEW CONCRETE **1,040 LINEAR FEET**
ALL OTHER LOCATIONS ANCHORED TO HISTORIC SANDSTONE **335 LINEAR FEET**

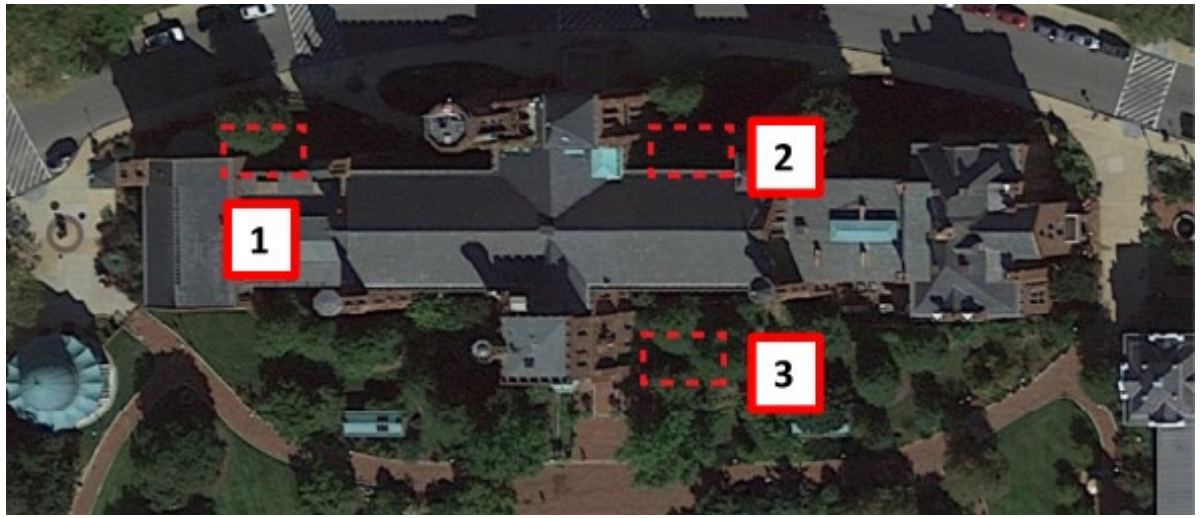


SMITHSONIAN INSTITUTION BUILDING (SIB)

SEISMIC CONTROL

In-Person Review of Material Samples on September 7, 2022

- Comments from Consulting Parties preferred the samples E (Academy Black) and F (Olympic Black)
- Consulting Parties requested a third gray granite in-between the colors and variety of Samples E and F



In-Person Viewing Locations

Location 1: Jefferson Drive, near the apse of West Wing (Commons).
Location 2: Jefferson Drive, near the east entrance of the North Tower.
Location 3: Haupt Garden, outside South Entrance.

Six Granite Alternatives Available for Consideration at Each Viewing Location

A: Royal Auburn, Coldspring Granite
B: Prairie Brown, Coldspring Granite
C: Carnelian, Coldspring Granite
D: Radiant Red, Coldspring Granite
E: Academy Black, Coldspring Granite
F: Olympic Black, Vermont Stone Art

SMITHSONIAN INSTITUTION BUILDING (SIB)

SEISMIC CONTROL JOINT GRANITE INSERT SAMPLES

Academy Black
Coldspring Granite

Olympic Black
Vermont Stone Art

Charcoal Black
Coldspring Granite

Virginia Mist
Coldspring Granite

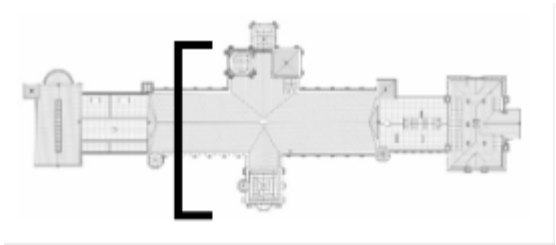
SAMPLES REVIEWED ON SEPT 7TH

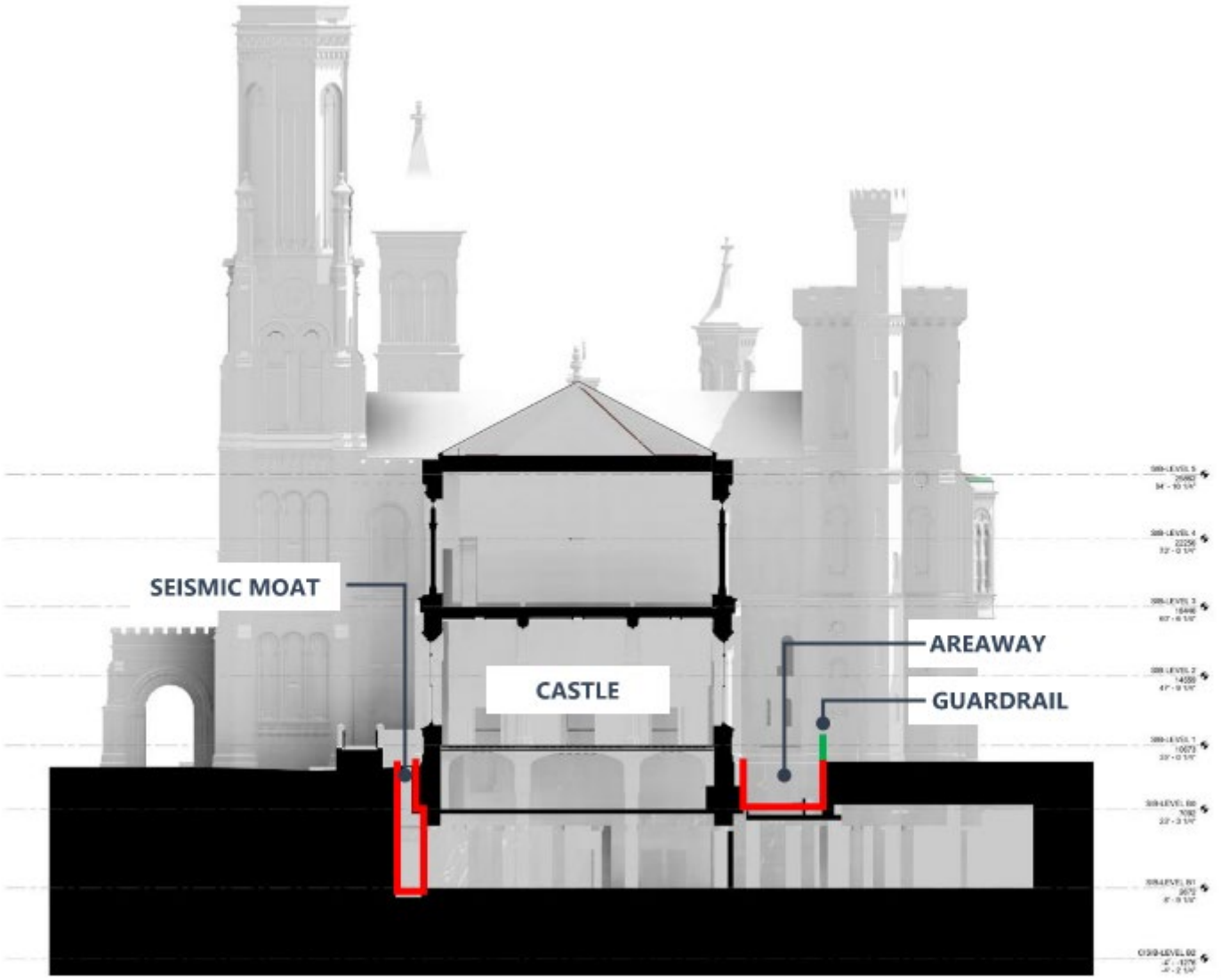
SAMPLES TO BE REVIEWED

SMITHSONIAN INSTITUTION BUILDING (SIB)

TRANSVERSE SECTION – GREAT HALL

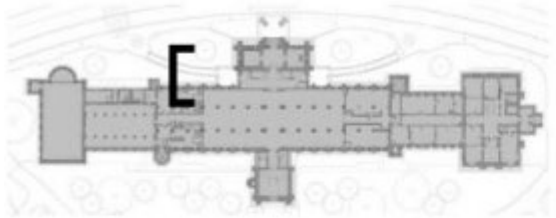
SEISMIC MOAT OR AREAWAY

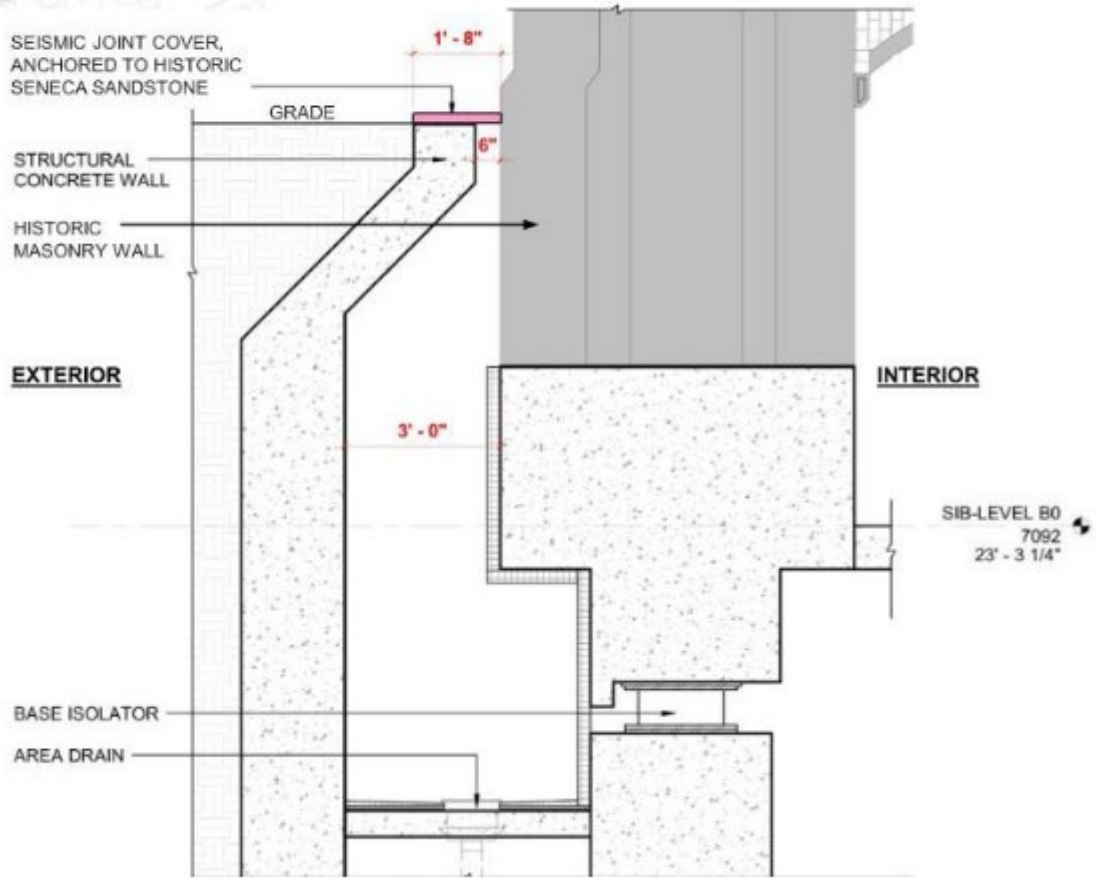




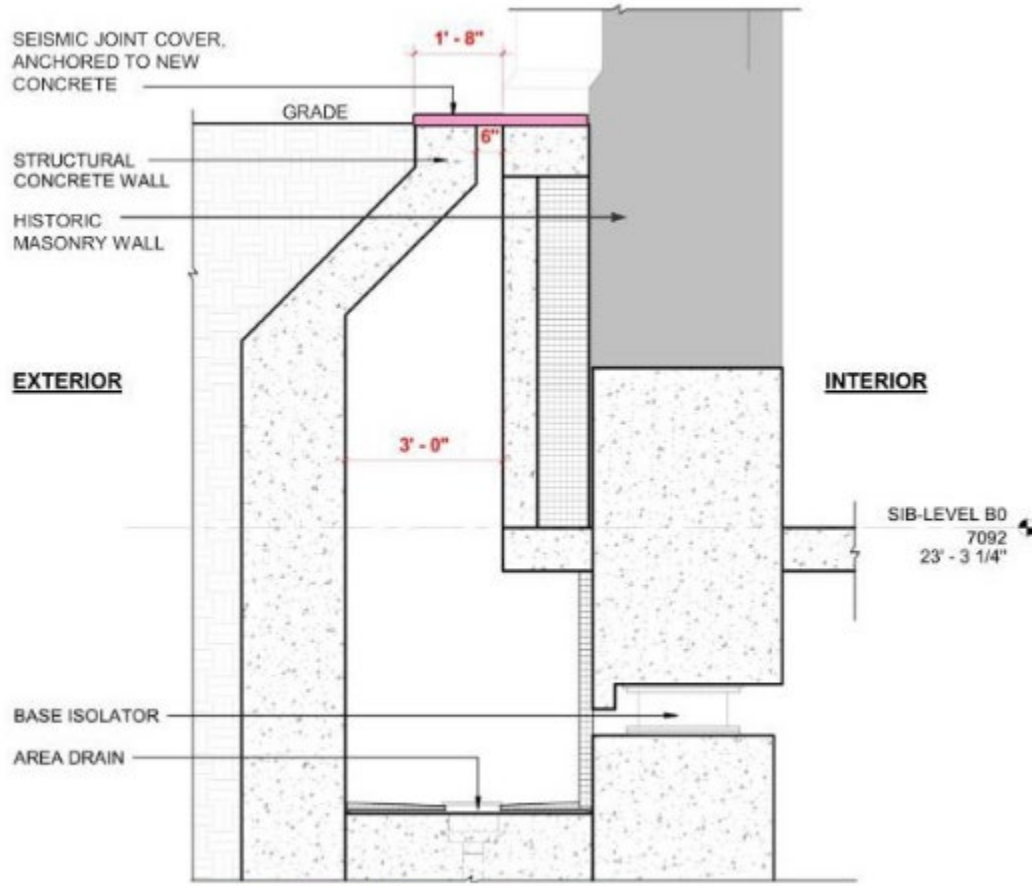
SMITHSONIAN INSTITUTION BUILDING (SIB)

TYPICAL SEISMIC MOAT AT NORTH ELEVATION





SECTION AT BUTTRESS



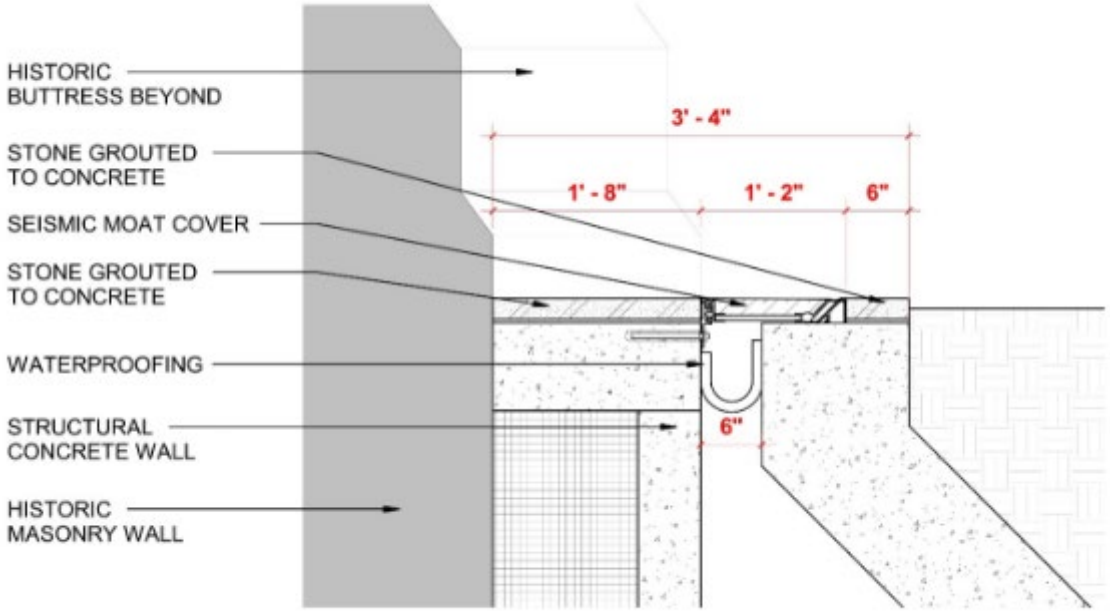
SECTION BETWEEN BUTTRESSES

SMITHSONIAN INSTITUTION BUILDING (SIB)

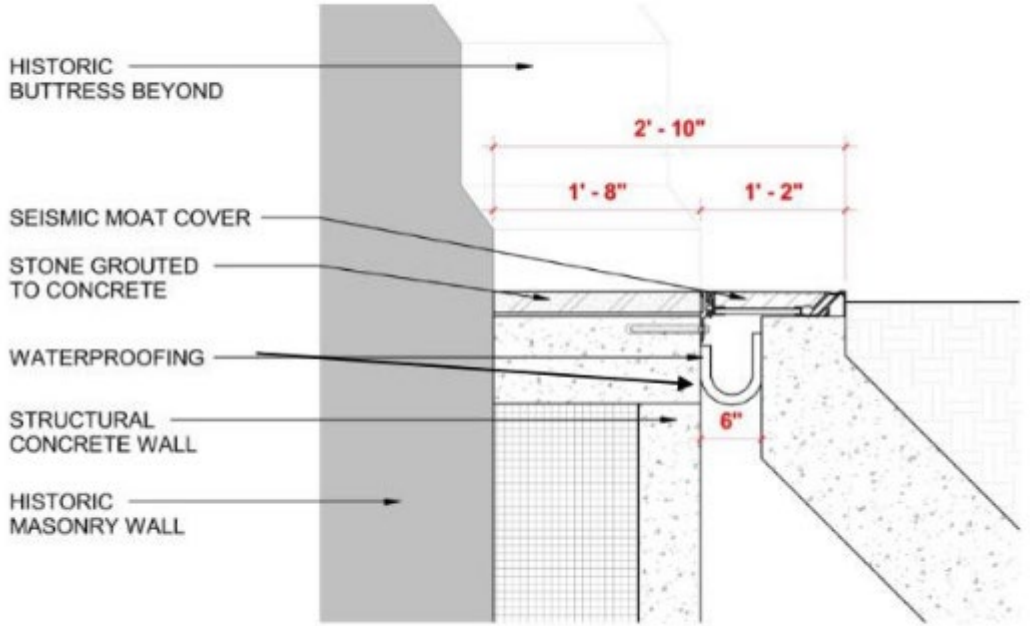
SEISMIC CONTROL

Project Scope

- Seismic joint as regular as possible.
- Cover plate width varies to accommodate the Castle's unique geometry.



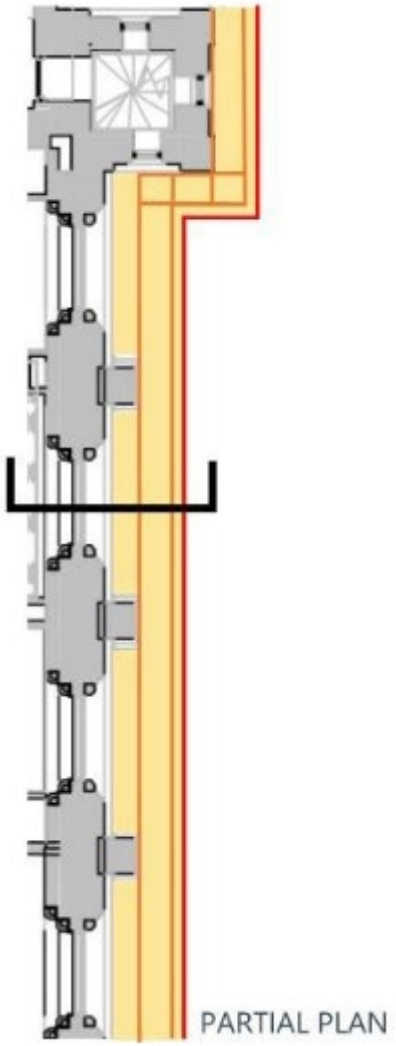
SEISMIC JOINT COVER WITH STONE EDGING



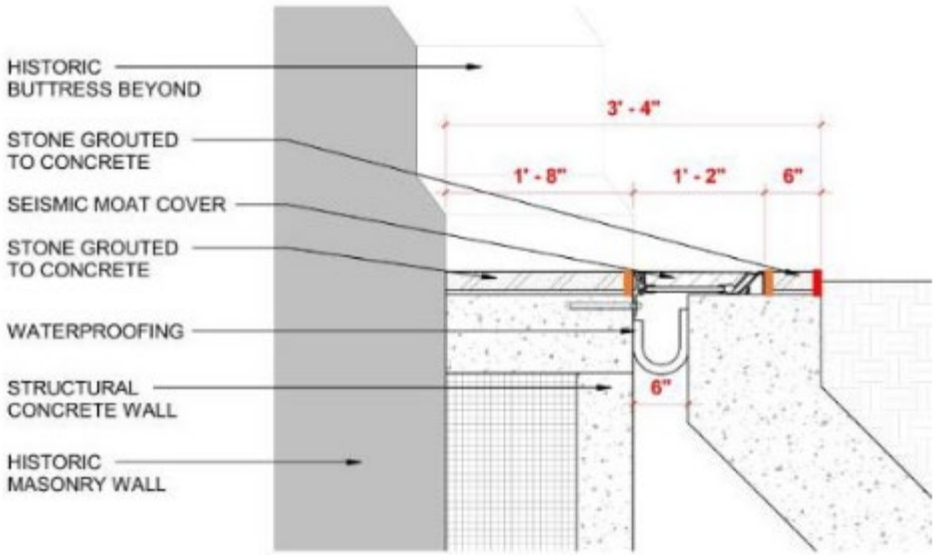
SEISMIC JOINT COVER WITH FINISHED METAL EDGE

SMITHSONIAN INSTITUTION BUILDING (SIB)

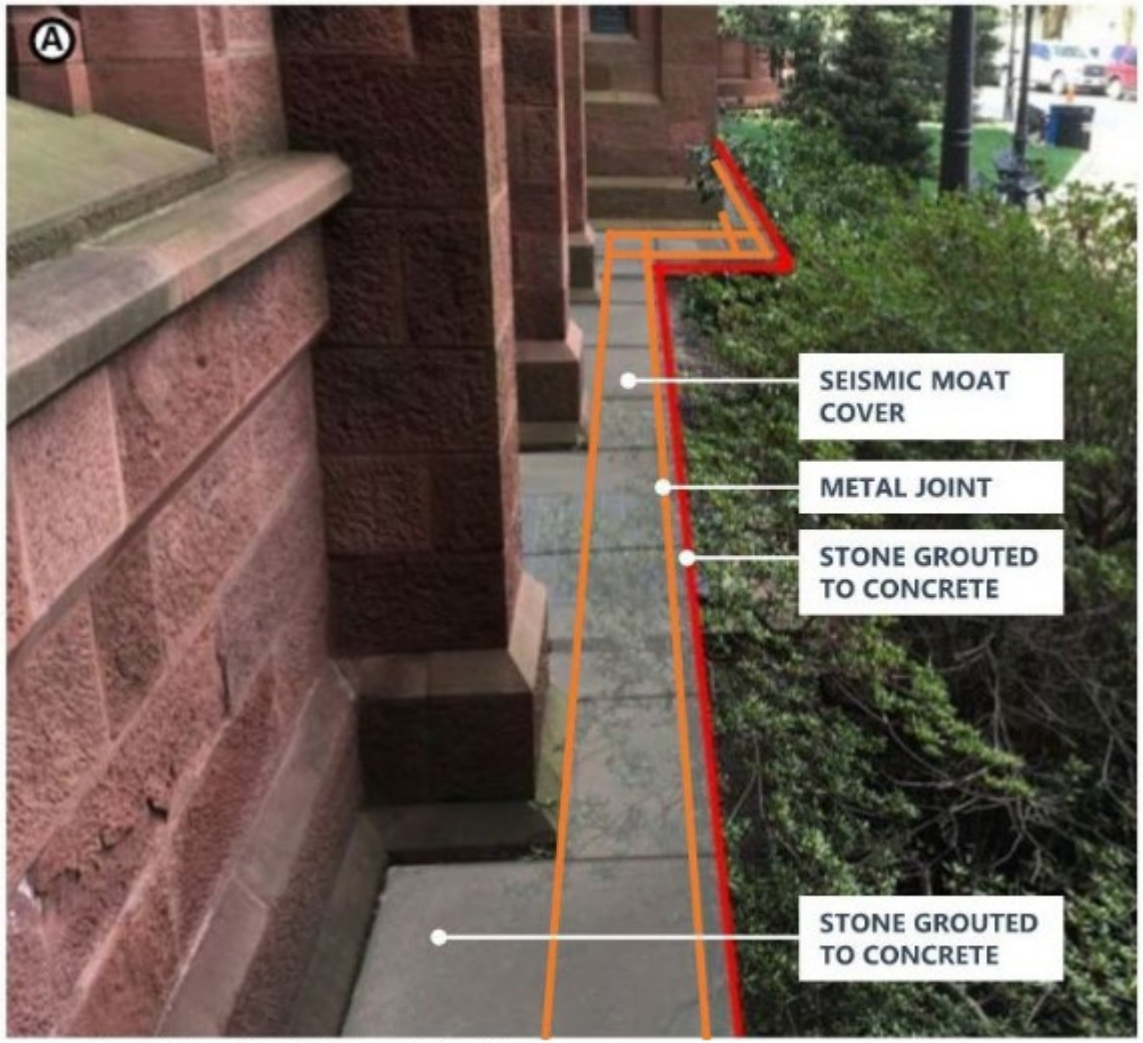
SEISMIC CONTROL – JOINT OPTION 1A



PARTIAL PLAN



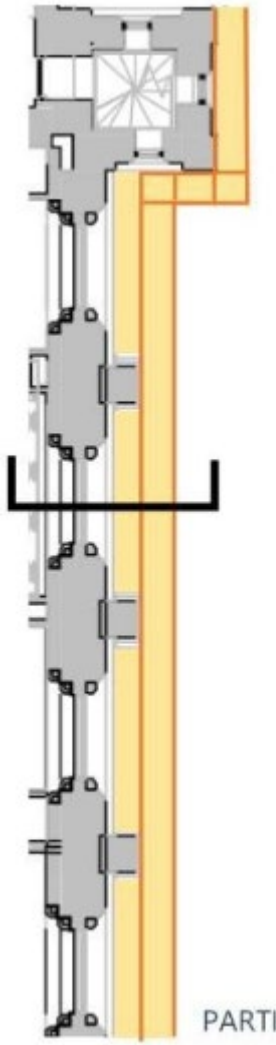
SECTION OF SEISMIC JOINT COVER BETWEEN BUTTRESSES – ANCHORED TO NEW CONCRETE



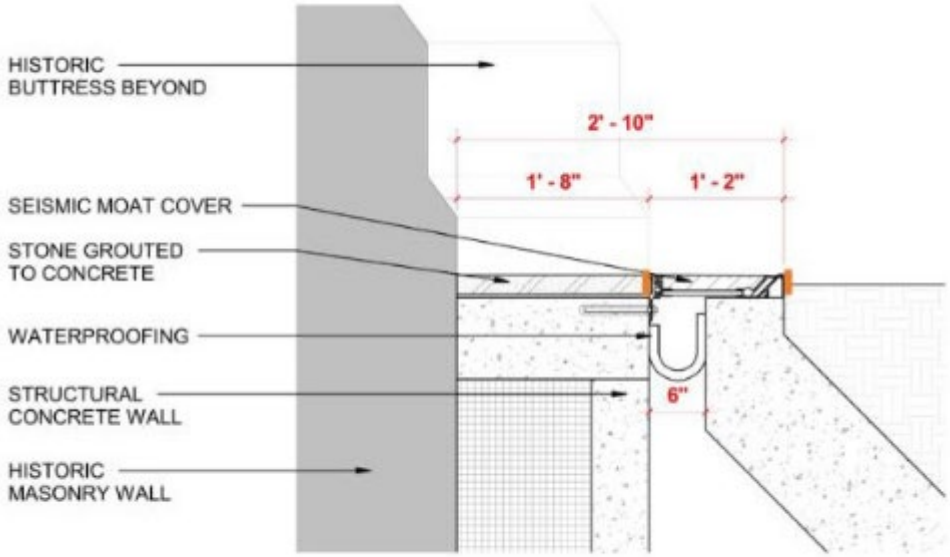
Conceptual Seismic Joint Cover Visualization

SMITHSONIAN INSTITUTION BUILDING (SIB)

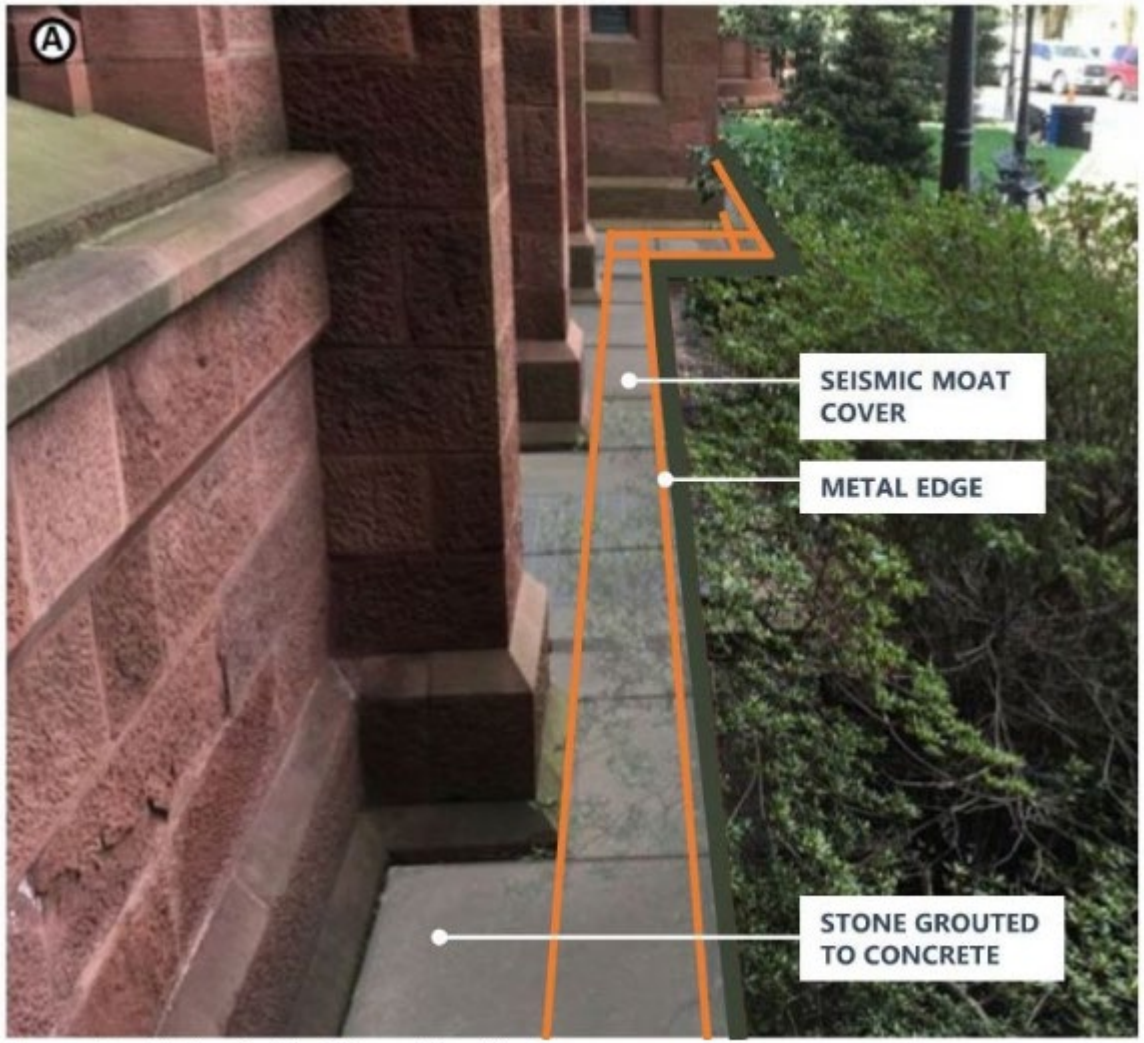
SEISMIC CONTROL – JOINT OPTION 1B



PARTIAL PLAN



SECTION OF SEISMIC JOINT COVER BETWEEN BUTTRESSES – ANCHORED TO NEW CONCRETE



Conceptual Seismic Joint Cover Visualization

SMITHSONIAN INSTITUTION BUILDING (SIB)

SEISMIC CONTROL JOINT

ASSESSMENT OF EFFECTS

Proposed Effect Determination- Adverse Effect

Design Details

- Seismic control joint cover must be as regular (linear) as possible
- Seismic control joint cover is 1′- 2″ in width, but the overall visual assembly varies to account for buttresses and other architectural features
- Seismic control joint cover overall assembly width will be the minimum dimension possible to minimize visual impact

Additional Information

- Setting is a character defining feature
- Seismic base isolation provides protection for the Castle with minimal visual impact. Seismic base isolation avoids the installation of visually intrusive steel and cable supports
- Where possible the seismic base isolation joint will be incorporated into the areaways and under projecting building elements such as the porte cochere and east entrance stairs
- Seismic control joint will be visible immediately adjacent to the base of the Castle and in the sidewalk adjacent to the porte cochere. This has an adverse effect on the Castle and National Mall settings.
- Adverse effect may be minimized through the selection of seismic joint cover inset materials.
- Material selections will be further developed for review during Phase 2 of the Section 106 consultation
- Adverse effect is minimized through limiting the width of the assembly and the design of the edge treatment
- Seismic joint cover is anchored to new concrete over 1,040 linear feet of the Castle perimeter (96%) which minimizes adverse effect to historic fabric

QUESTIONS OR COMMENTS

MODERATOR

Carly Bond, Historic Preservation Specialist, Smithsonian Facilities

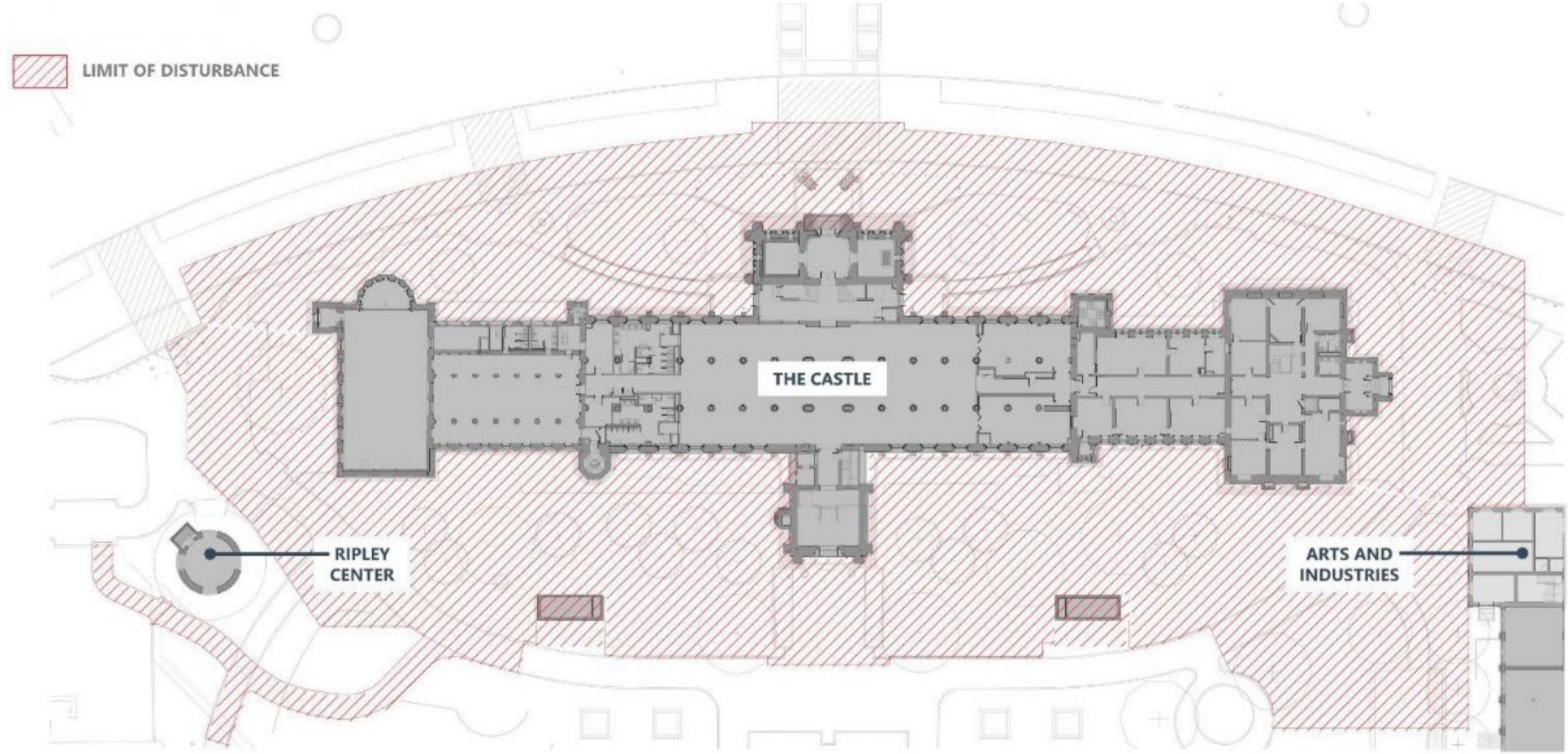
PRESENTERS / PANELISTS

Sharon Park, FAIA, Assoc. Director of Historic Preservation, Smithsonian Facilities
Brenda Sanchez, FAIA, Sr. Design Manager, Smithsonian Facilities
Christopher Lethbridge, Architect/Program Manager, Smithsonian Facilities
Lauren Brandes, RLA, ASLA, Smithsonian Gardens
Matthew Chalifoux, FAIA, Sr. Historic Preservation Architect, EYP-Loring, LLC
Anthony Bochicchio, AIA, Project Manager, EYP-Loring, LLC
Faye Harwell, FASLA, Landscape Architect, RHI (Rhodeside and Harwell)

EXTENT OF EXCAVATION

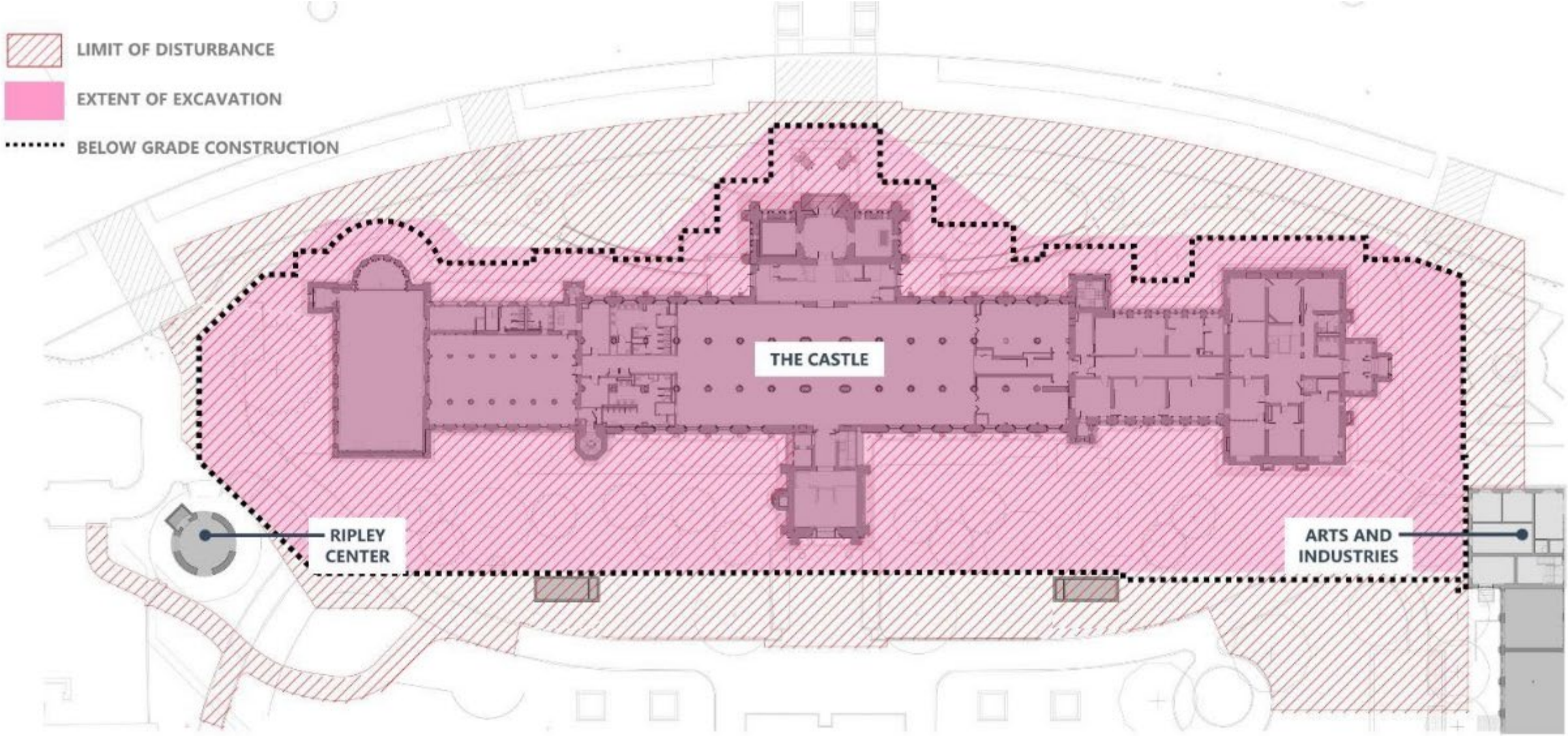
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION



SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION

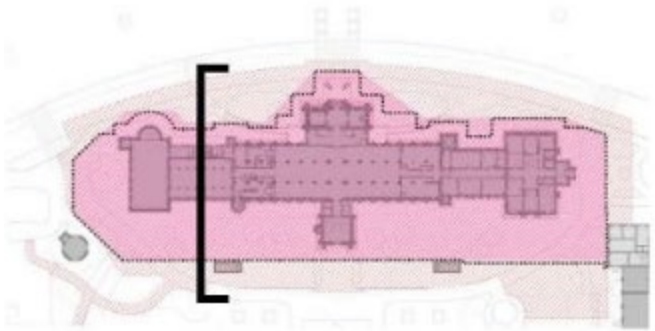


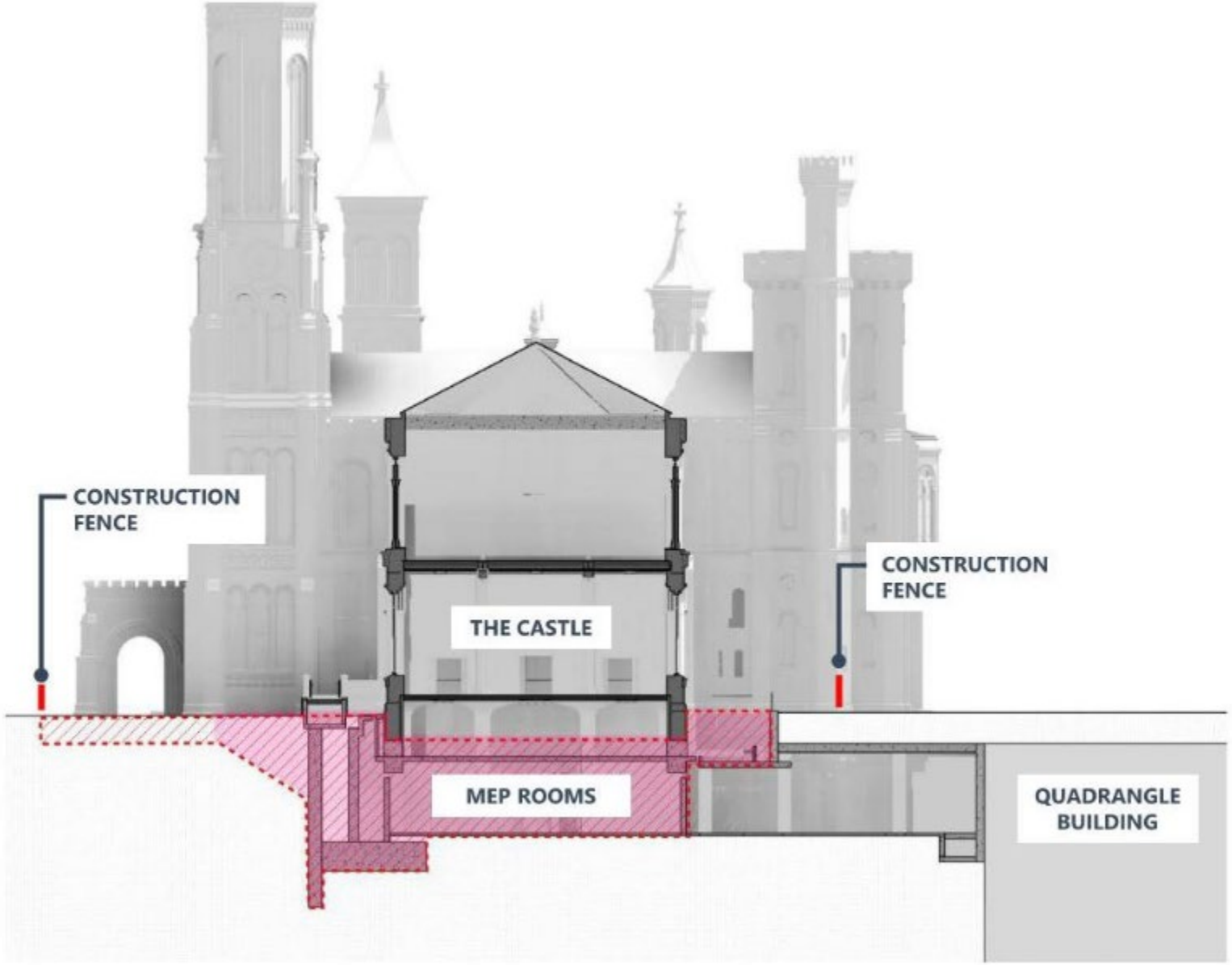
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – MEP ROOMS

LIMIT OF DISTURBANCE

EXTENT OF EXCAVATION



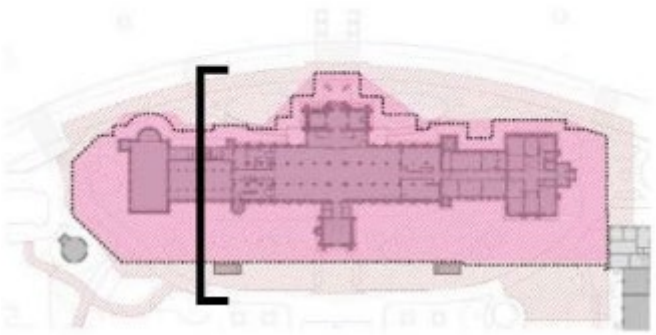


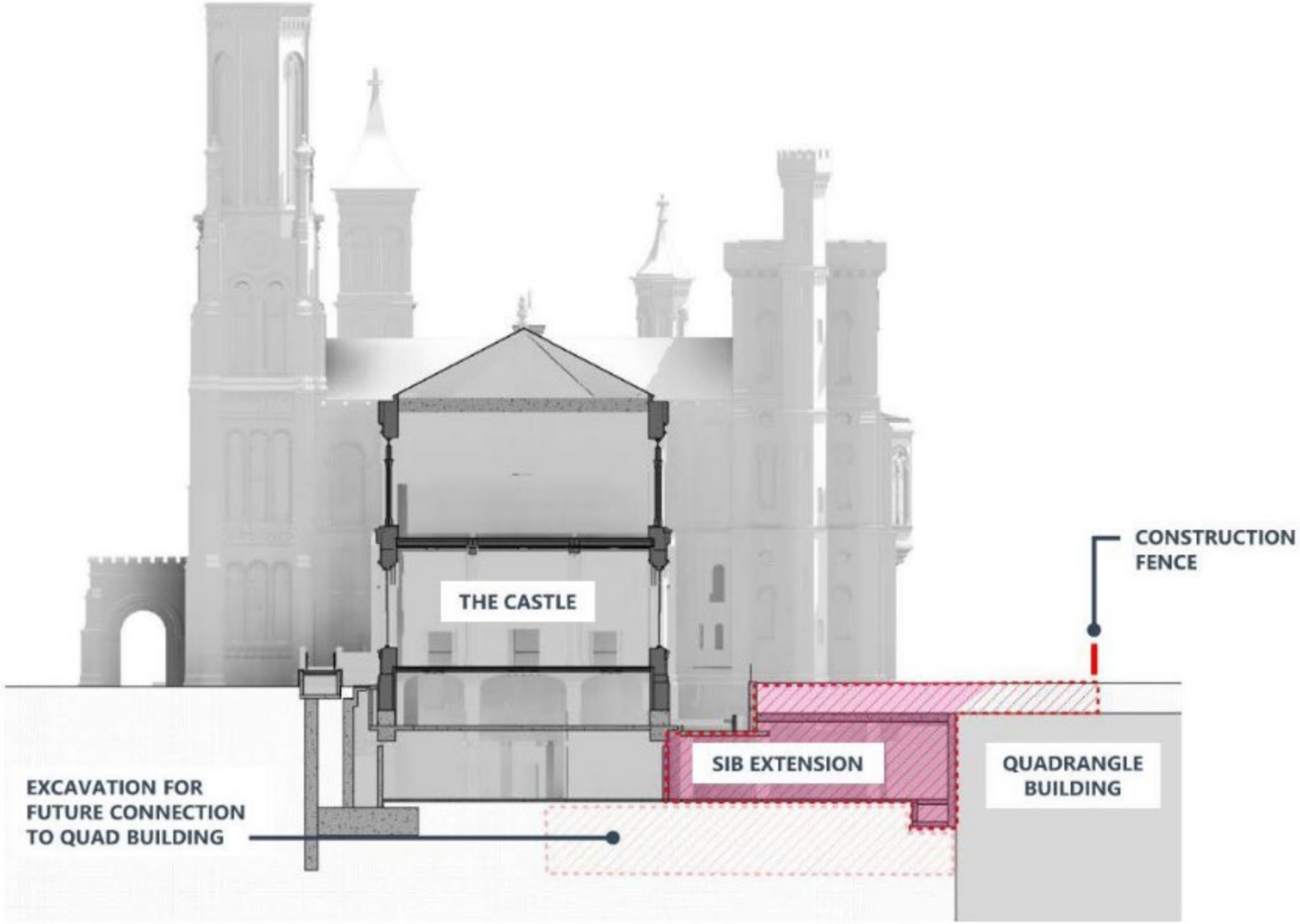
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – SIB EXTENSION

LIMIT OF DISTURBANCE

EXTENT OF EXCAVATION





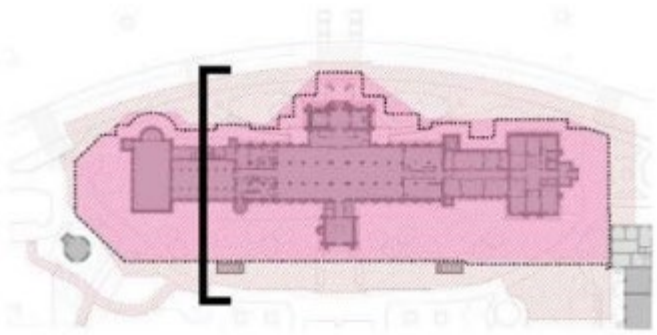
SMITHSONIAN INSTITUTION BUILDING (SIB)

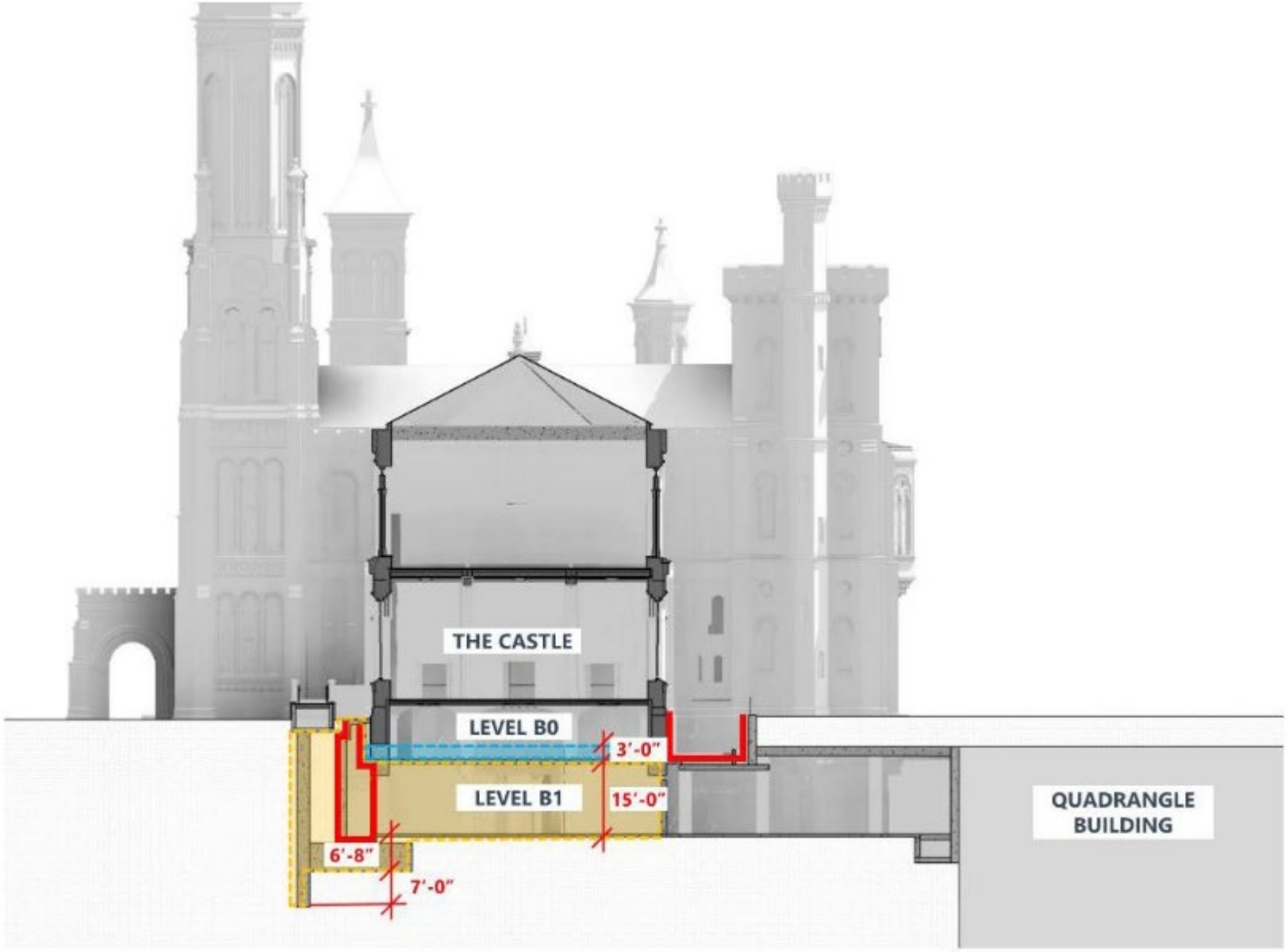
EXTENT OF EXCAVATION – BUILDING SECTION

LEVEL B1

LOWERED BASEMENT

WINDOW WELL / AREAWAY

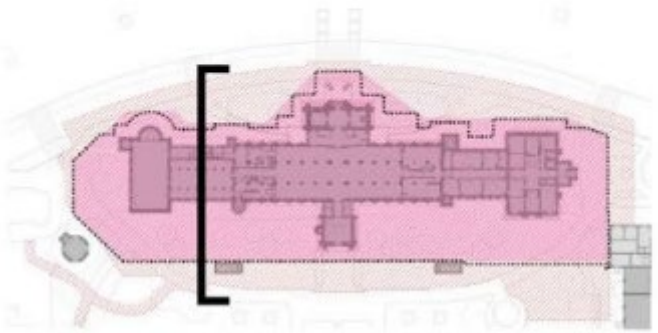




SMITHSONIAN INSTITUTION BUILDING (SIB)

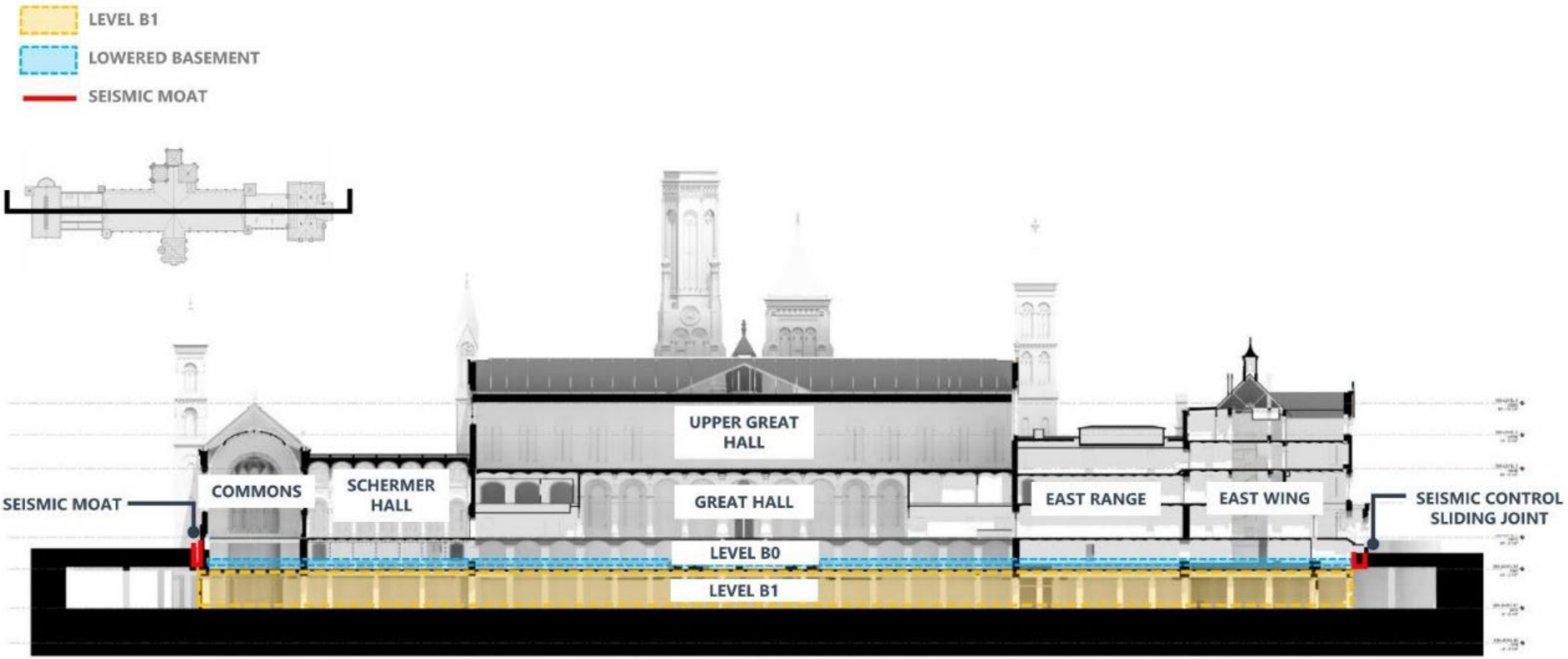
EXTENT OF EXCAVATION – BUILDING SECTION

SIB EXTENSION



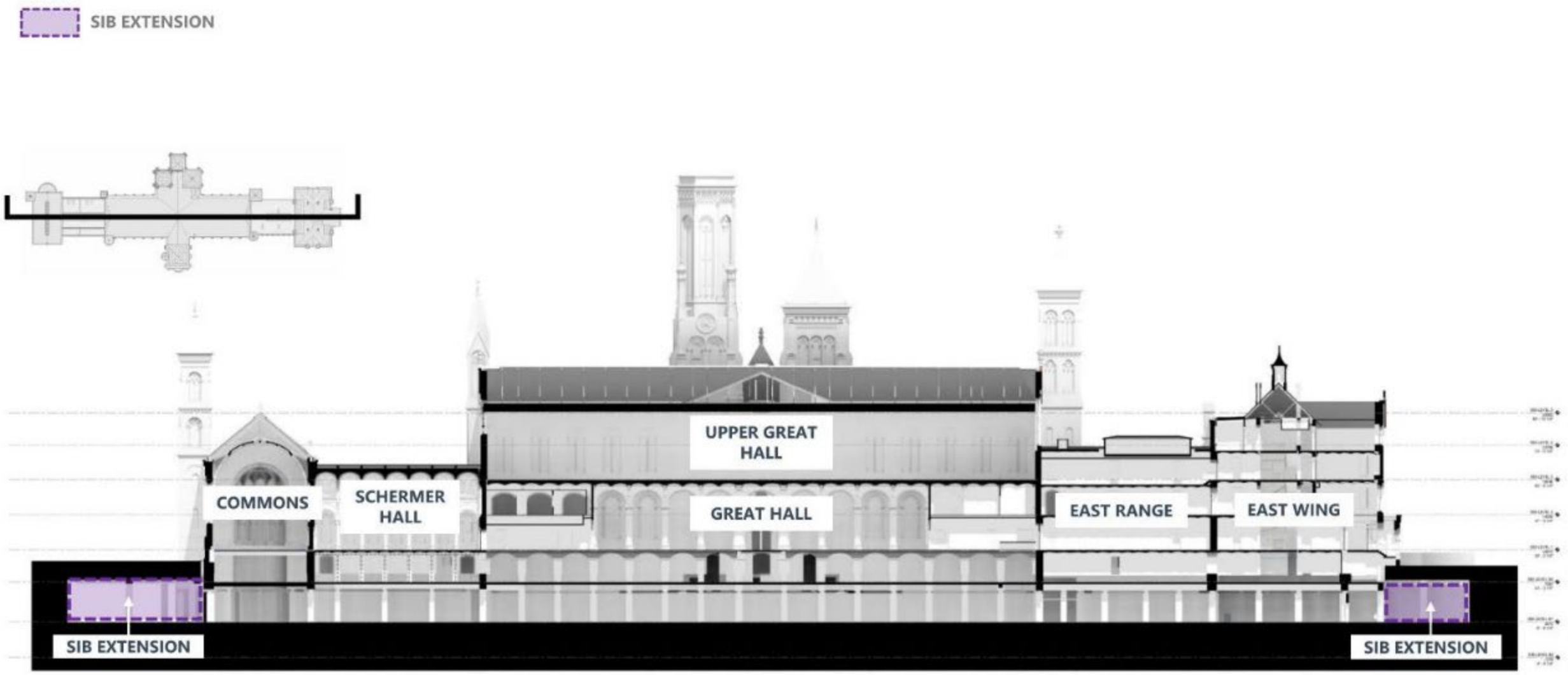
SMITHSONIAN INSTITUTION BUILDING (SIB)

LONGITUDINAL SECTION – EAST-WEST



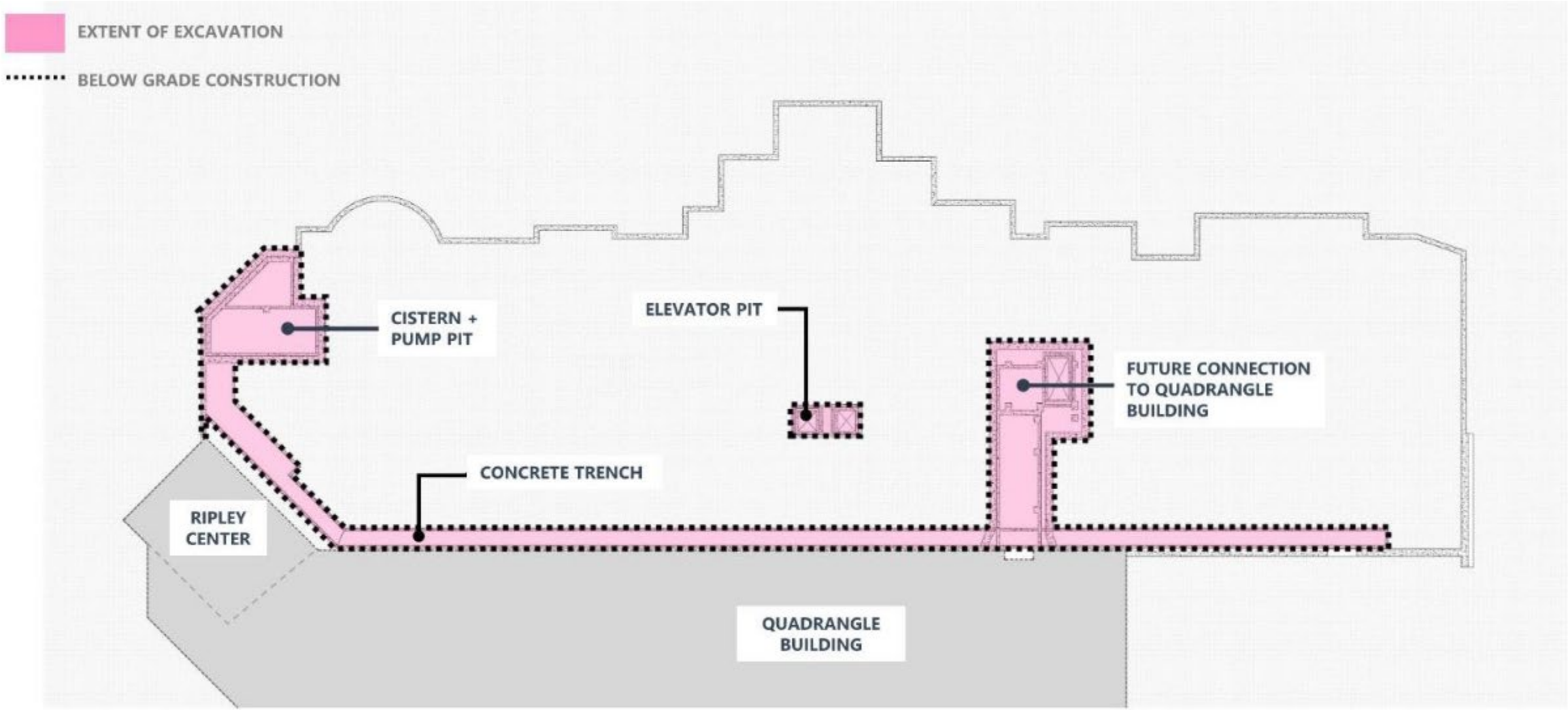
SMITHSONIAN INSTITUTION BUILDING (SIB)

LONGITUDINAL SECTION – EAST-WEST



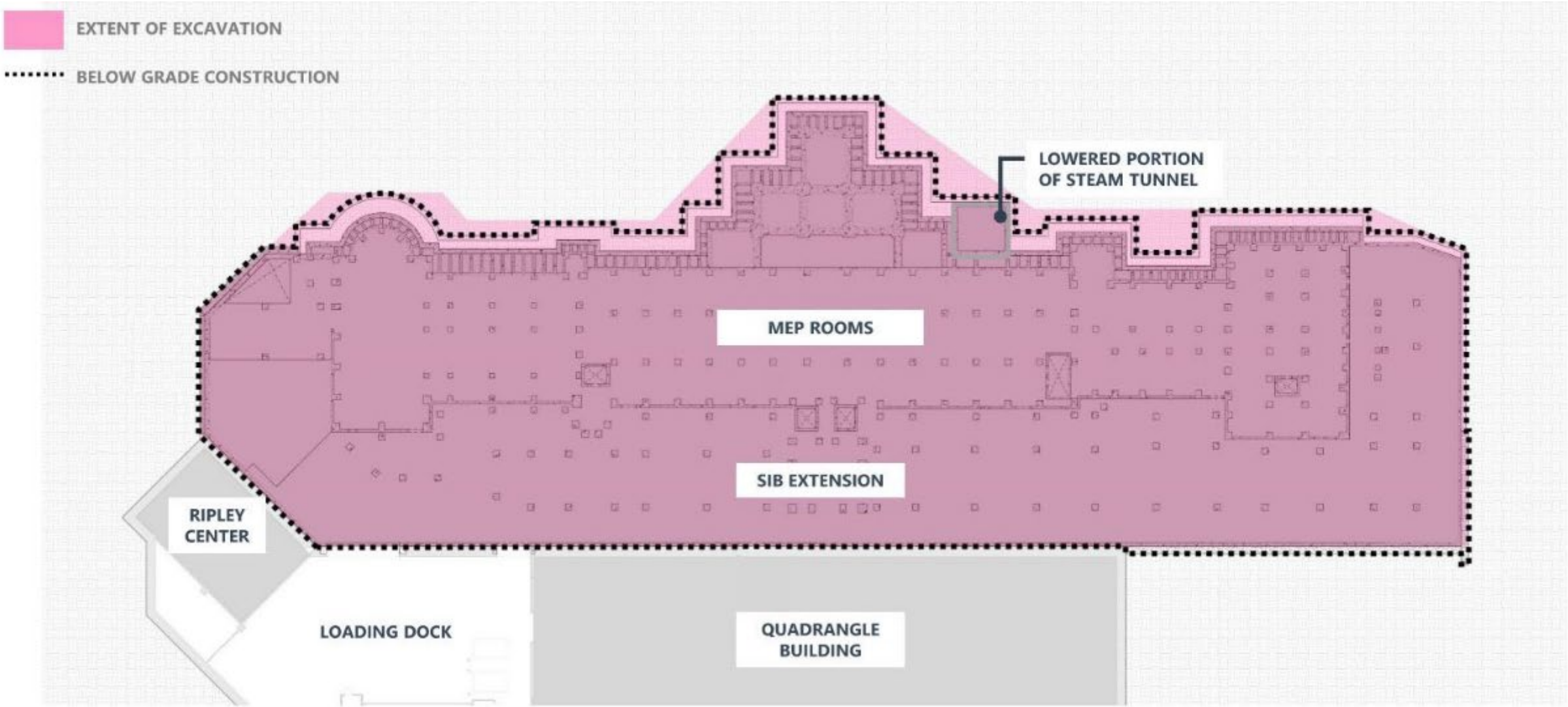
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – LEVEL B2



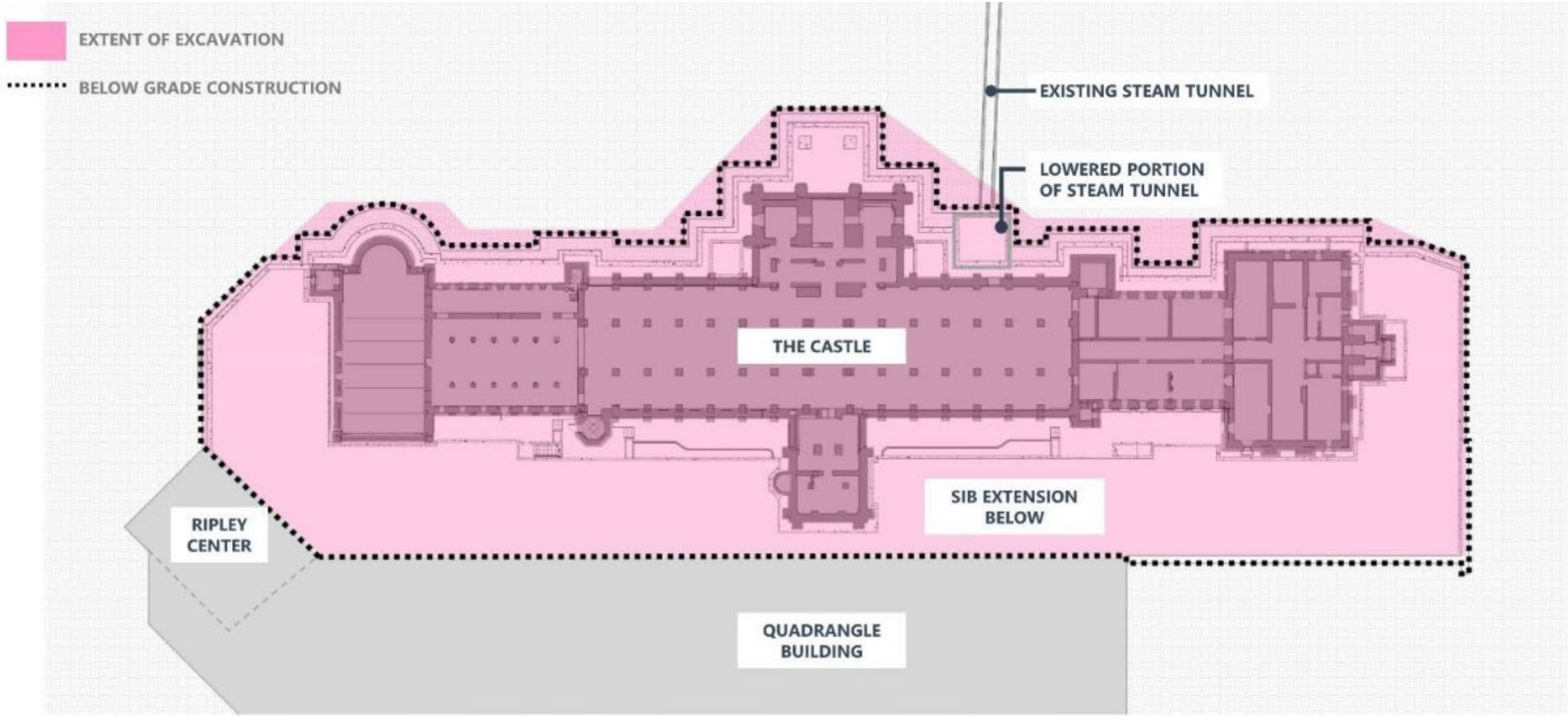
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – LEVEL B1



SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – LEVEL B0



SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION ADJACENT TO THE CASTLE

ASSESSMENT OF EFFECTS

Proposed Effect Determination- Conditional No Adverse Effect

Design Details

- Excavation occurs adjacent to the Castle for the SIB Extension at the B1 level in an unexcavated area between the Castle and the Quadrangle Building
- SIB Extension aligns with the B1 level of the Quadrangle Building
- SIB Extension provides connection to the existing Quadrangle Building loading dock and provides space for service functions to support the Castle
- Stormwater management cistern will be located at the B2 level adjacent to the west of the Castle

Additional Information

- Effects of the excavation adjacent to the Castle may not be adverse provided the following conditions are met:

1. Pre-construction monitoring is carried out to establish a baseline for movement and vibrations (Note- this monitoring is already underway);
2. A Monitoring Plan will be prepared to identify safe vibration limits based on pre-construction monitoring;
3. Monitoring will be carried out for the entire project duration to measure vibration during the proposed excavation and other construction activities;
4. Construction activities will be temporarily halted should any vibration, settlement, or unanticipated circumstances exceed the safe limits outlined in the pending Monitoring Plan; and
5. If safe limits are exceeded, the Smithsonian Institution shall stop work, notify the Signatories and other parties as appropriate, and follow Stipulation 8 (Emergency Actions) of the South Mall Master Plan Programmatic Agreement.

SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION BENEATH THE CASTLE

ASSESSMENT OF EFFECTS

Proposed Effect Determination- Conditional No Adverse Effect

Design Details

- Basement floor level will be lowered 3 feet to accommodate public use and programming
- Seismic base isolation will be inserted
- New mechanical level proposed below the Castle basement for building specific mechanical equipment
- New mechanical level is aligned with the existing Quadrangle loading dock, Quadrangle B1 level, and the SIB Extension
- B2 level will contain an excavated but not enabled future connection to the Quadrangle B2 level

Additional Information

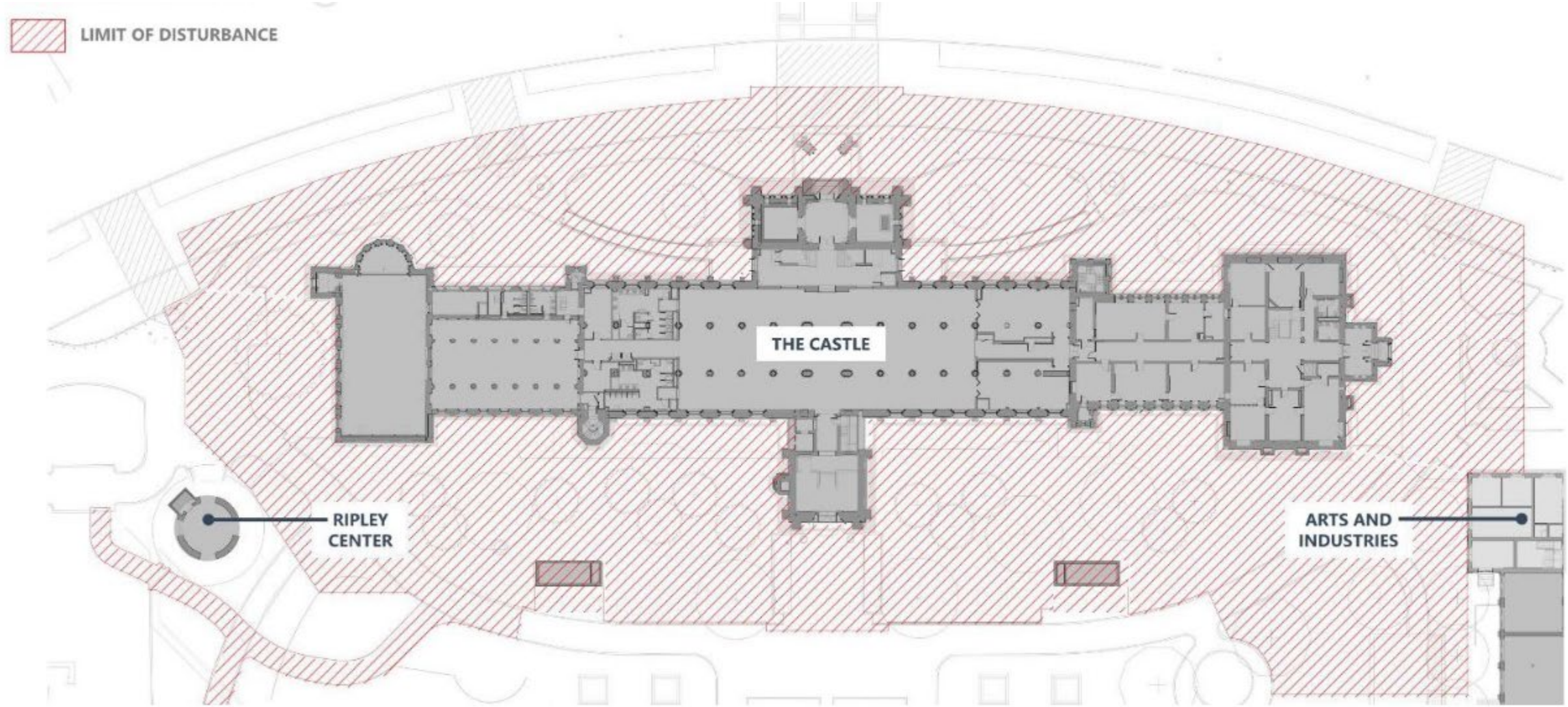
- Effects of the excavation adjacent to the Castle may not be adverse provided the following conditions are met:

1. Pre-construction monitoring is carried out to establish a baseline for movement and vibrations (Note- this monitoring is already underway);
2. A Monitoring Plan will be prepared to identify safe vibration limits based on pre-construction monitoring;
3. Monitoring will be carried out for the entire project duration to measure vibration during the proposed excavation and other construction activities;
4. Construction activities will be temporarily halted should any vibration, settlement, or unanticipated circumstances exceed the safe limits outlined in the pending Monitoring Plan; and
5. If safe limits are exceeded, the Smithsonian Institution shall stop work, notify the Signatories and other parties as appropriate, and follow Stipulation 8 (Emergency Actions) of the South Mall Master Plan Programmatic Agreement.

ALTERNATIVE PEDESTRIAN ROUTES (DURING CONSTRUCTION)

SMITHSONIAN INSTITUTION BUILDING (SIB)

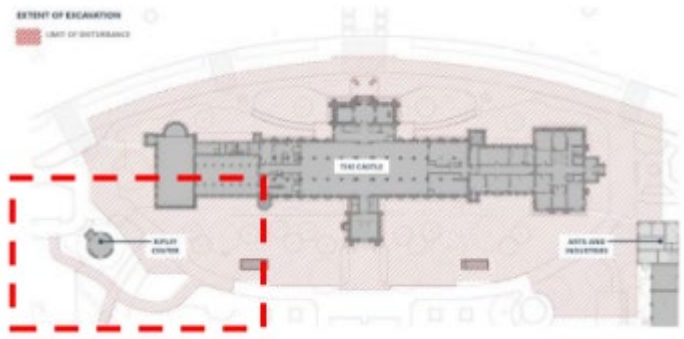
EXTENT OF EXCAVATION



Red hatch line shows the project Limit of Disturbance.

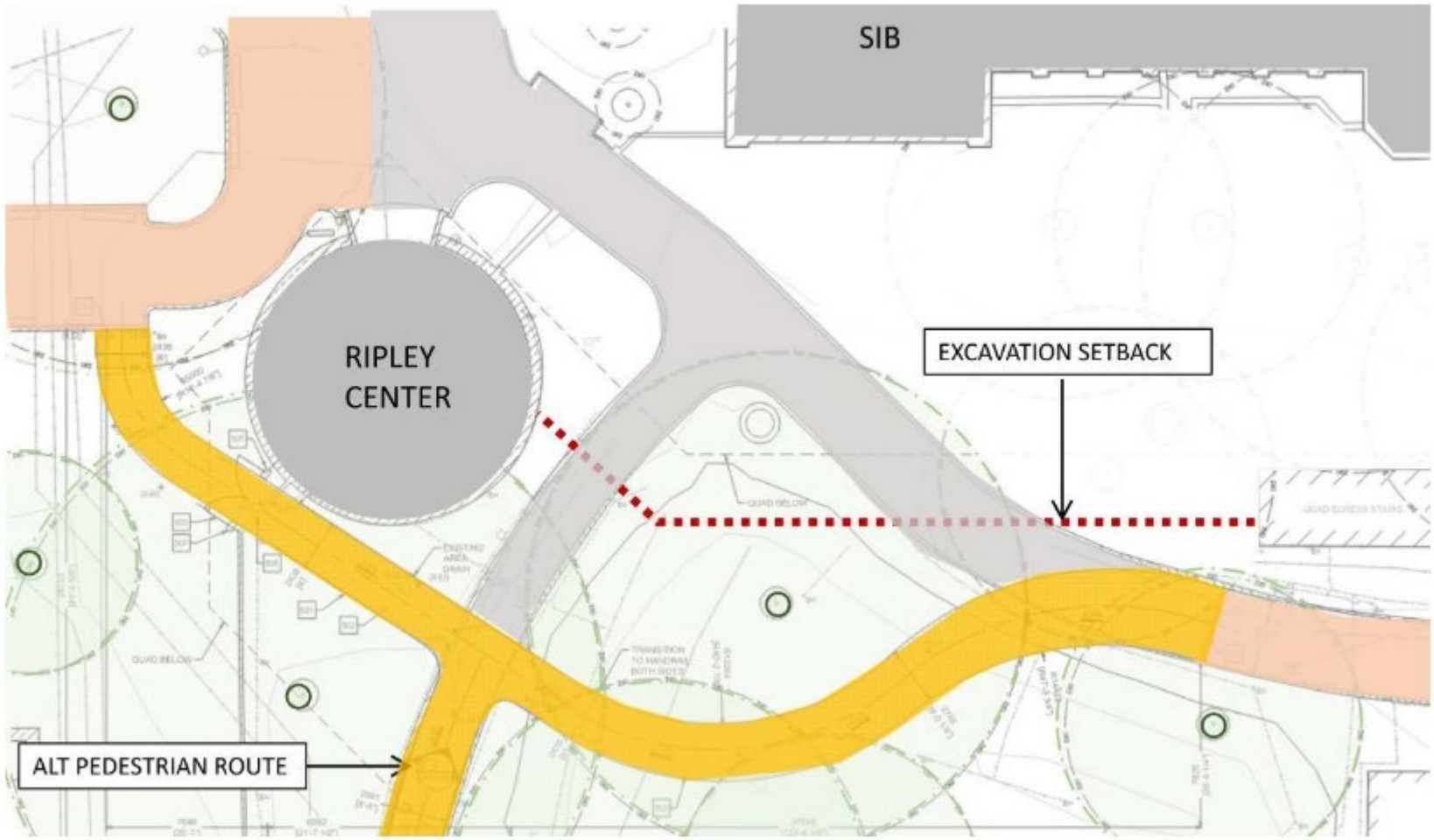
SMITHSONIAN INSTITUTION BUILDING (SIB)

HAUPT GARDEN ACCESS 2023-2028 | TEMPORARY PATHWAY AT NORTHWEST



Temporary Pedestrian Boardwalk

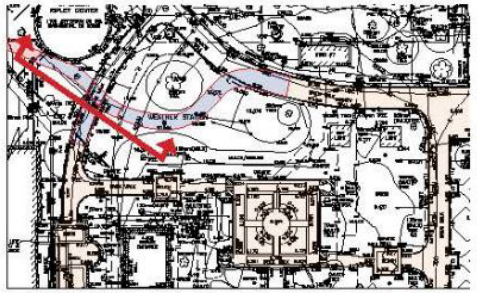
- Connects Haupt Garden to West of Ripley Center during construction
- Path raised to avoid tree roots



Alternative pedestrian route around Ripley Pavilion.

SMITHSONIAN INSTITUTION BUILDING (SIB)

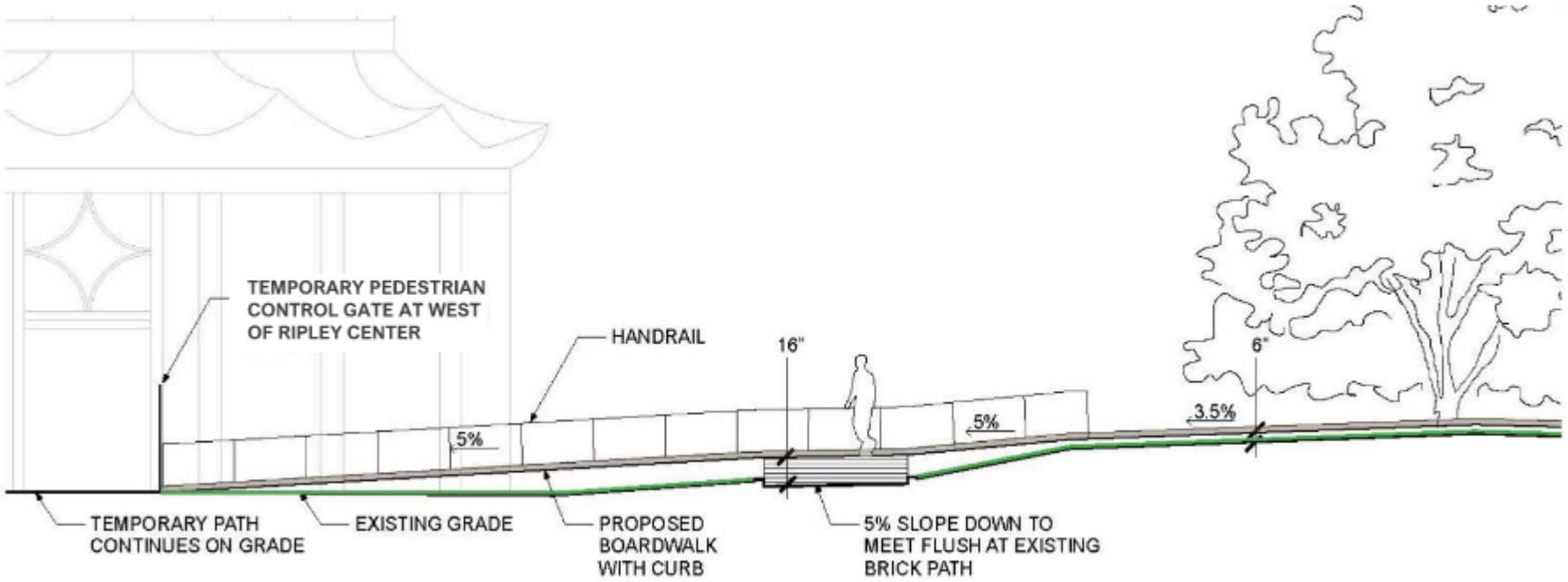
HAUPT GARDEN ACCESS 2023-2028 | TEMPORARY PATHWAY AT NORTHWEST



KEY PLAN

Temporary Pedestrian Boardwalk

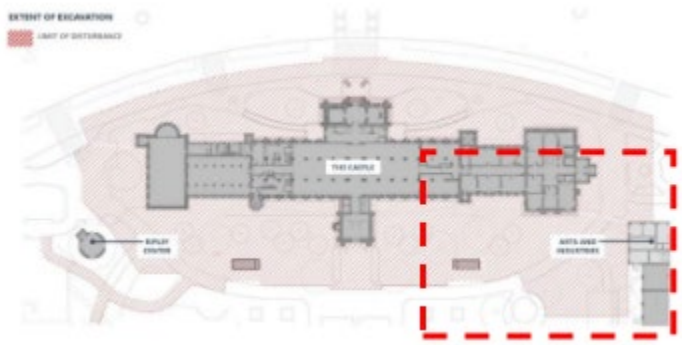
- Connects Haupt Garden to West of Ripley Center during construction
- Path raised to avoid tree roots



SECTION OF TEMPORARY PEDESTRIAN BOARDWALK

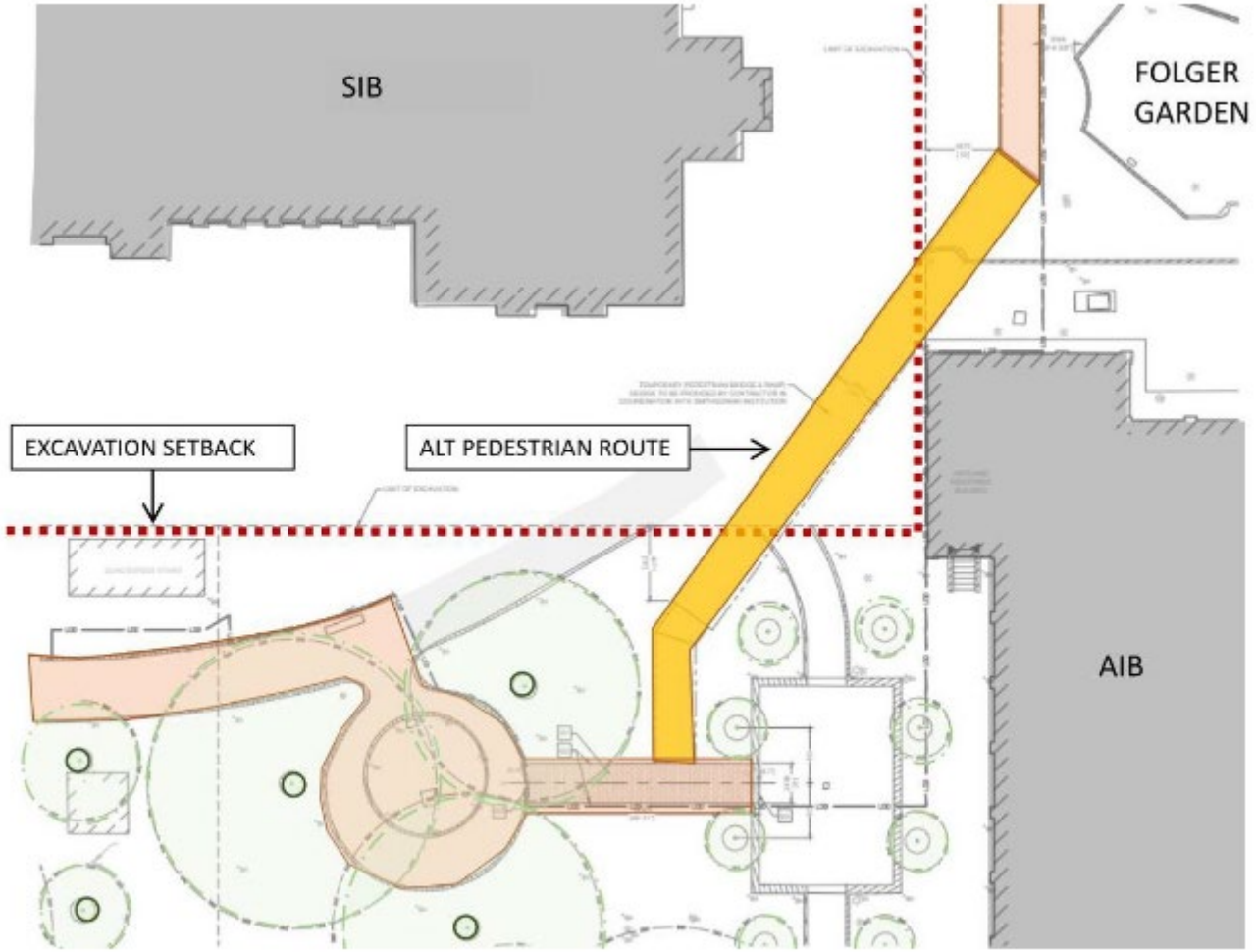
SMITHSONIAN INSTITUTION BUILDING (SIB)

HAUPT GARDEN ACCESS 2023-2026 | TEMPORARY PATHWAY AT NORTHEAST



Temporary Pedestrian Bridge

- Spans construction excavation
- Jefferson Drive to Haupt Garden
- Ramps at each end for accessibility



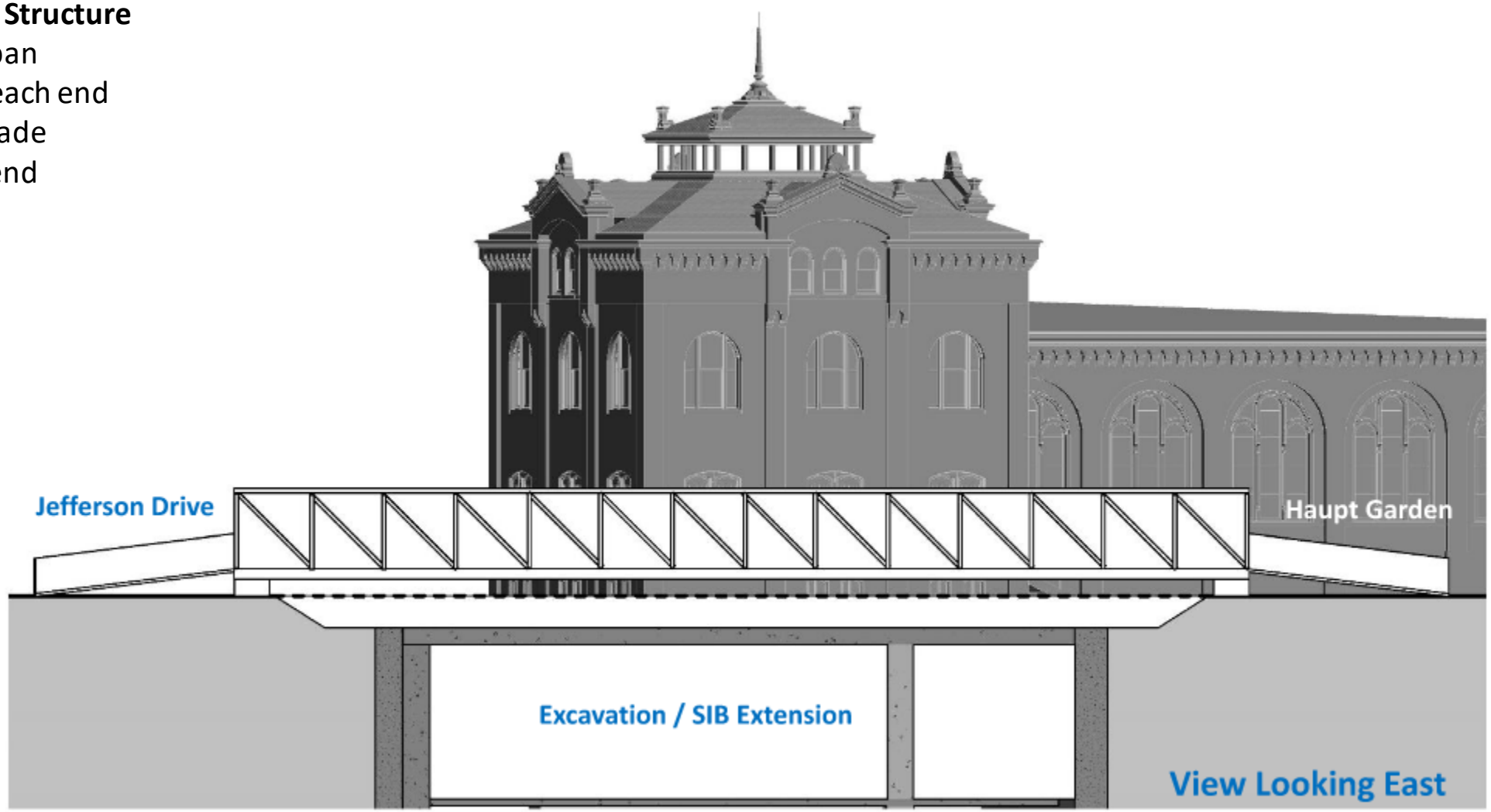
Alternative pedestrian route around The Castle's east side.

SMITHSONIAN INSTITUTION BUILDING (SIB)

HAUPT GARDEN ACCESS 2023-2026 | TEMPORARY PATHWAY AT NORTHEAST

Temporary Pedestrian Bridge Structure

- Approximately 120-foot span
- Temporary foundation at each end
- Elevated 2-3 feet above grade
- Accessible ramps at each end



SMITHSONIAN INSTITUTION BUILDING (SIB)

ALTERNATE PEDESTRIAN ROUTES

ASSESSMENT OF EFFECTS

Proposed Effect Determination- Conditional No Adverse Effect

Design Details

- Limit of Disturbance for Phase 1 construction activities will temporarily affect part of Jefferson Drive, the Folger Rose Garden, and the Haupt Garden.
- Existing pedestrian pathways south of the Castle will be temporarily blocked due to construction fencing and ground disturbance activities. Alternate pedestrian routes are required to access the Haupt Garden and the Quadrangle Building programs.

Additional Information

- Pedestrian route around the Castle's east side must span the excavation work and project Limit of Disturbance using a temporary pedestrian bridge structure with accessible ramps.
- Pedestrian route around the Castle's west side is located and slightly elevated to avoid impacts to root systems of mature trees
- Alternate pedestrian routes will remain in place during the entire RoHC Revitalize Castle construction (Phase 1 and 2)
- Hardscape materials will be salvaged and reinstalled in their current locations
- Maintenance of pedestrian access and circulation during construction is in accordance with Stipulation 7.D (Implementation of Projects – Campus Circulation) of the South Mall Master Plan Programmatic Agreement
- The creation of alternate pedestrian routes have the potential to temporarily affect the Castle's setting adversely through visible pathways or land bridge
- Effects of the alternate pedestrian routes may not be adverse provided the following conditions are met after the completion of construction activities in 2028:

1. Construction fencing is removed, and land disturbance activities are completed allowing use of the Haupt Garden circulation path south of the Castle;
2. Hardscape materials are salvaged and reinstalled in their current locations; and
3. Turf and landscape plantings are installed based on the approved final landscape plan

QUESTIONS OR COMMENTS

MODERATOR

Carly Bond, Historic Preservation Specialist, Smithsonian Facilities

PRESENTERS / PANELISTS

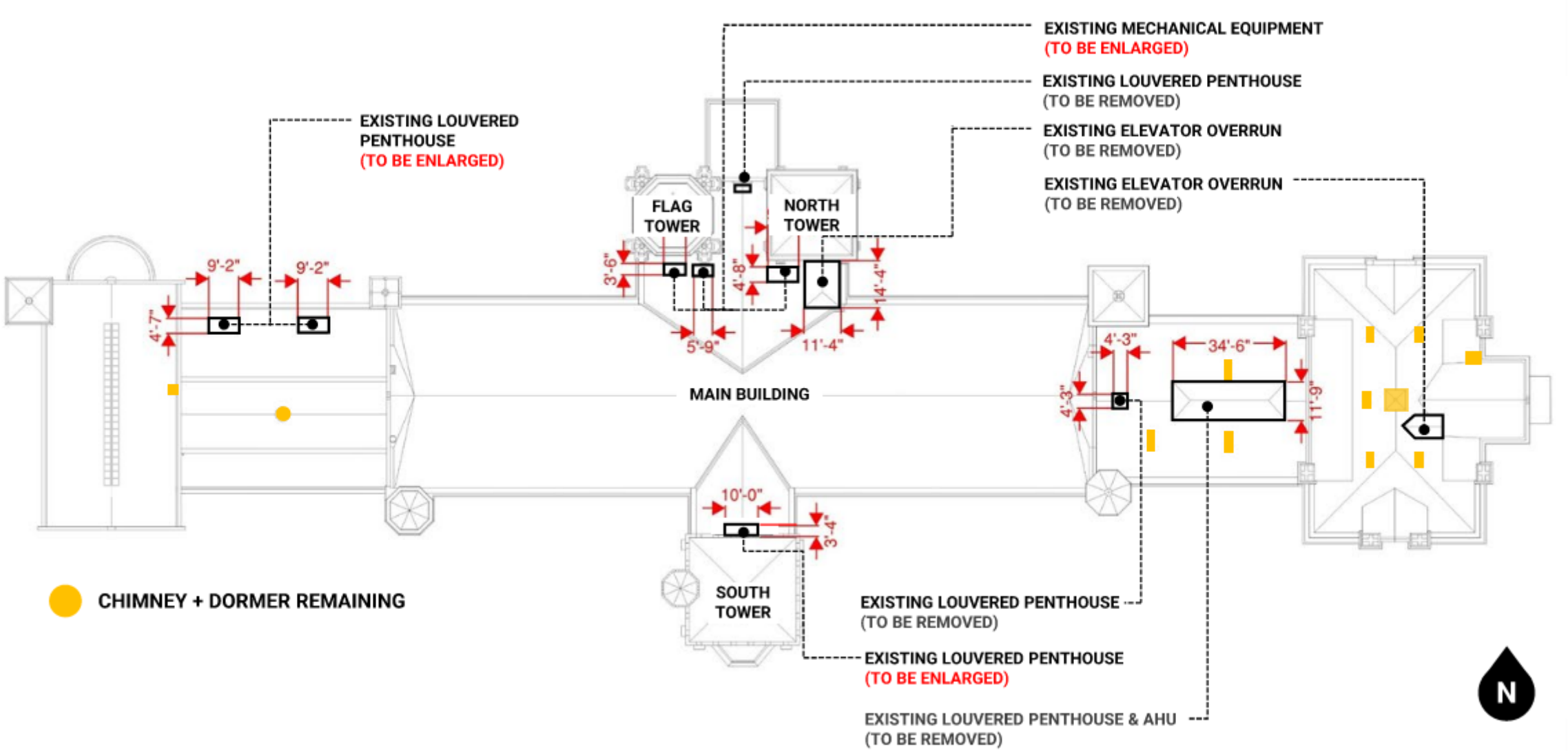
Sharon Park, FAIA, Assoc. Director of Historic Preservation, Smithsonian Facilities
Brenda Sanchez, FAIA, Sr. Design Manager, Smithsonian Facilities
Christopher Lethbridge, Architect/Program Manager, Smithsonian Facilities
Lauren Brandes, RLA, ASLA, Smithsonian Gardens
Matthew Chalifoux, FAIA, Sr. Historic Preservation Architect, EYP-Loring, LLC
Anthony Bochicchio, AIA, Project Manager, EYP-Loring, LLC
Faye Harwell, FASLA, Landscape Architect, RHI (Rhodeside and Harwell)

OTHER REVIEW TOPICS

SOUTH TOWER ELEVATOR PENTHOUSES AND LOUVERED PENTHOUSE

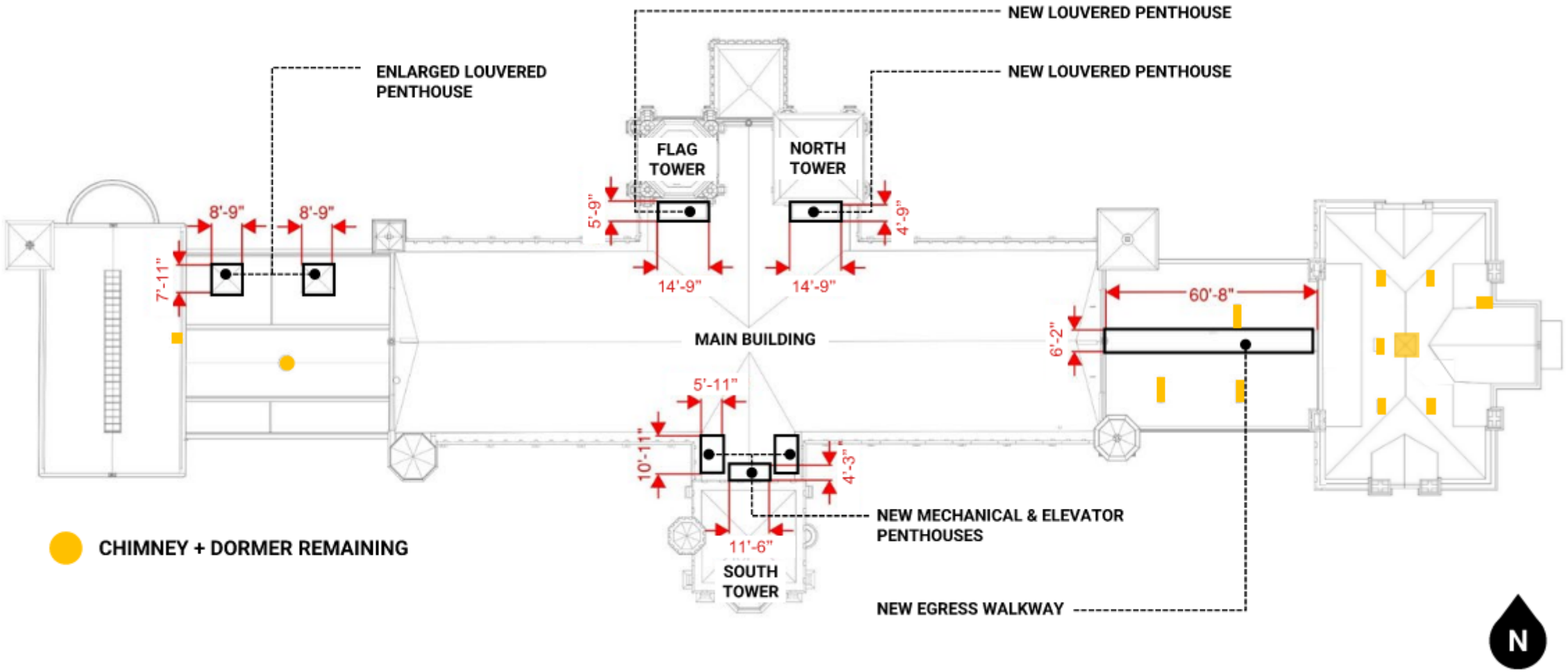
SMITHSONIAN INSTITUTION BUILDING (SIB)

SIB EXISTING ROOF PLAN



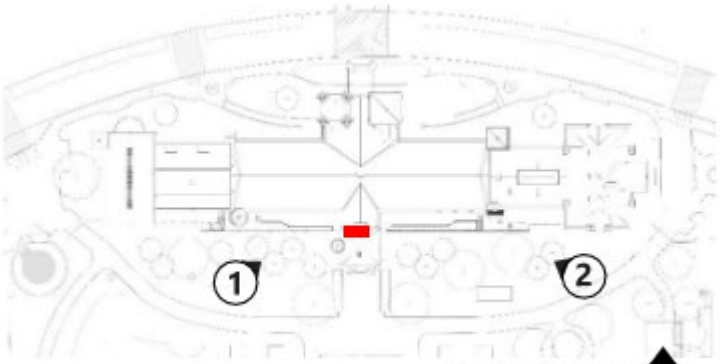
SMITHSONIAN INSTITUTION BUILDING (SIB)

SIB PROPOSED ROOF PLAN

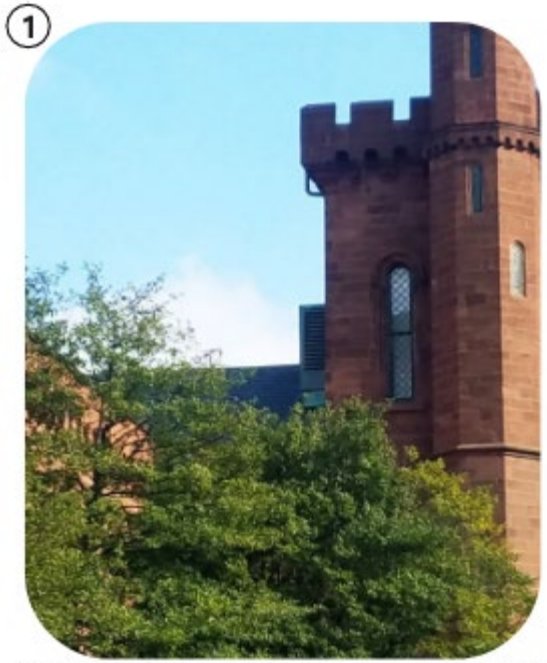


SMITHSONIAN INSTITUTION BUILDING (SIB)

SIB EXISTING SOUTH TOWER PENTHOUSE

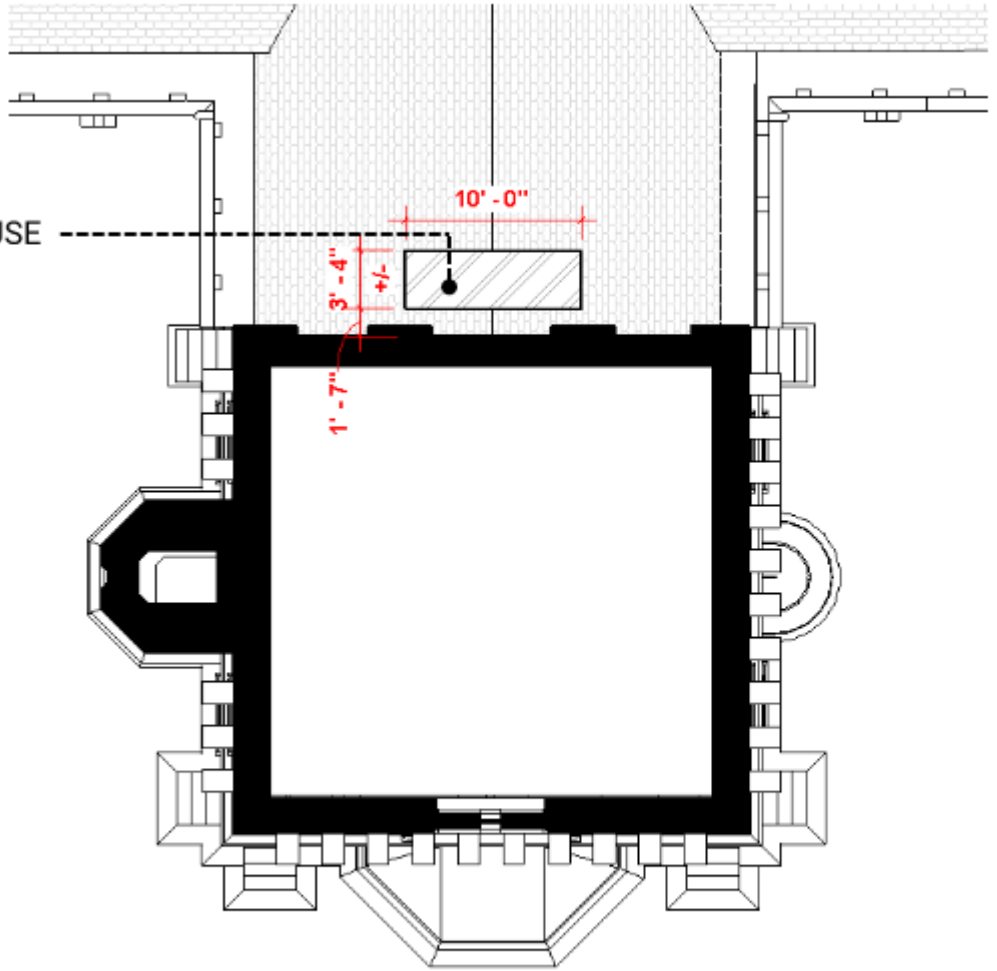


ROOF PLAN



VIEW FROM LANDSCAPE – LOOKING NE

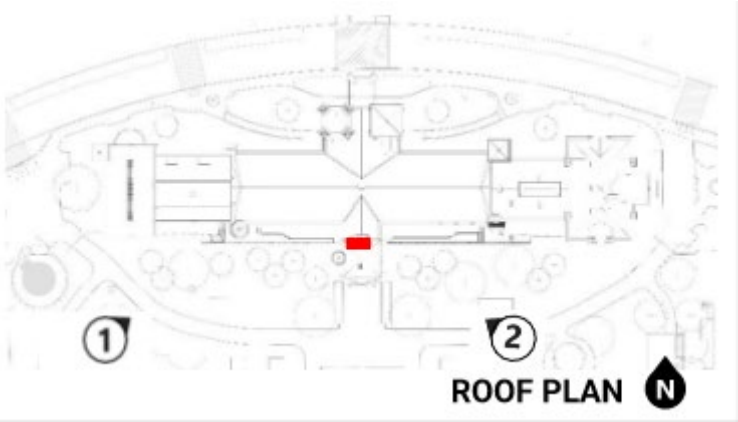
VIEW FROM LANDSCAPE – LOOKING NW

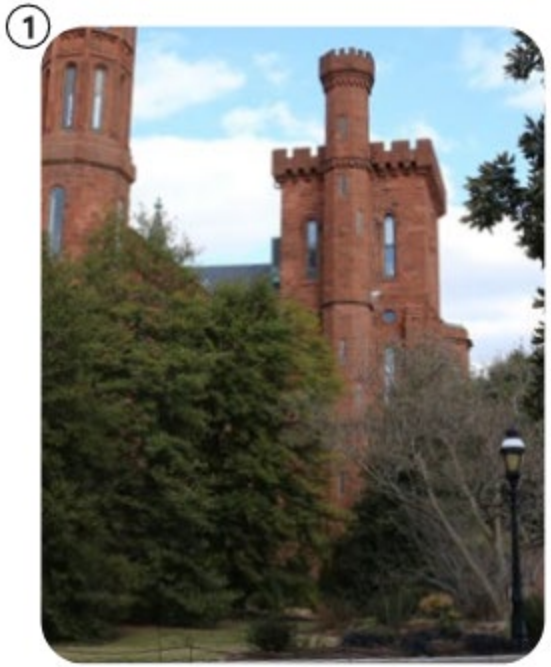


PARTIAL PLAN

SMITHSONIAN INSTITUTION BUILDING (SIB)

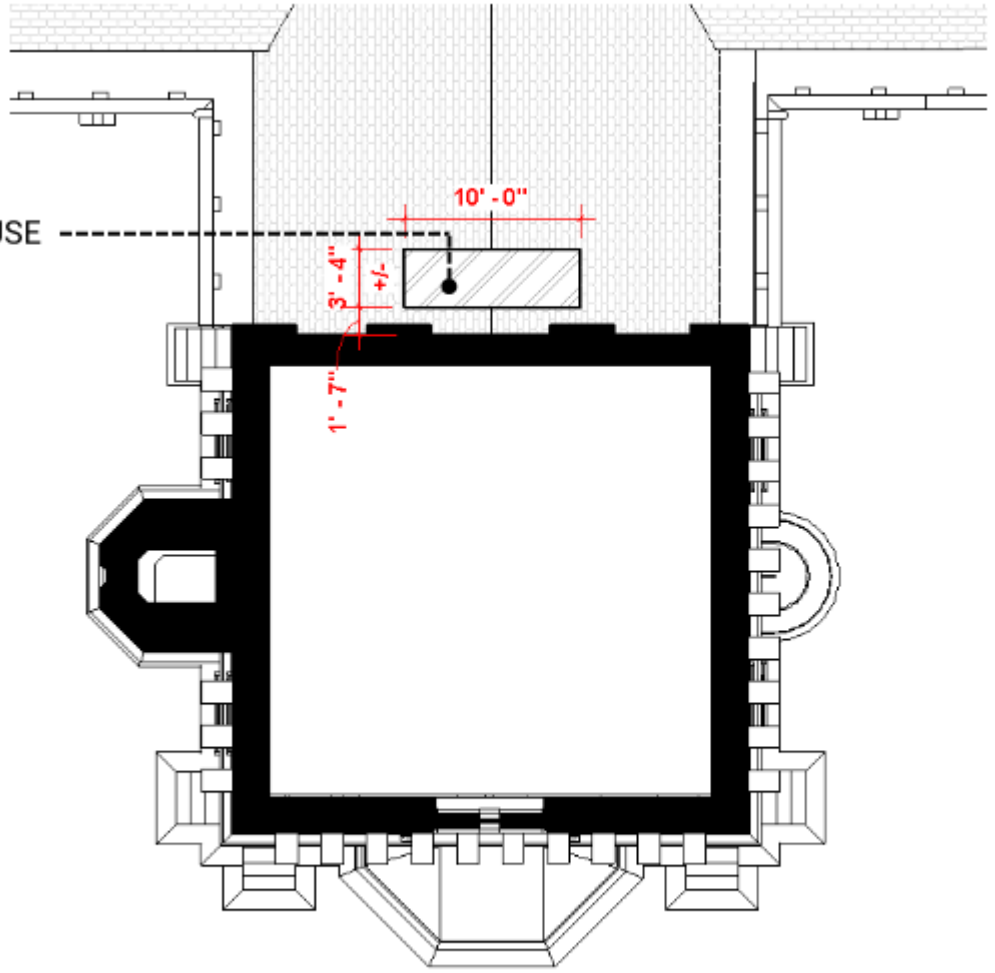
SIB EXISTING SOUTH TOWER PENTHOUSE





VIEW FROM WALKWAY – LOOKING NE

VIEW FROM WALKWAY – LOOKING NW



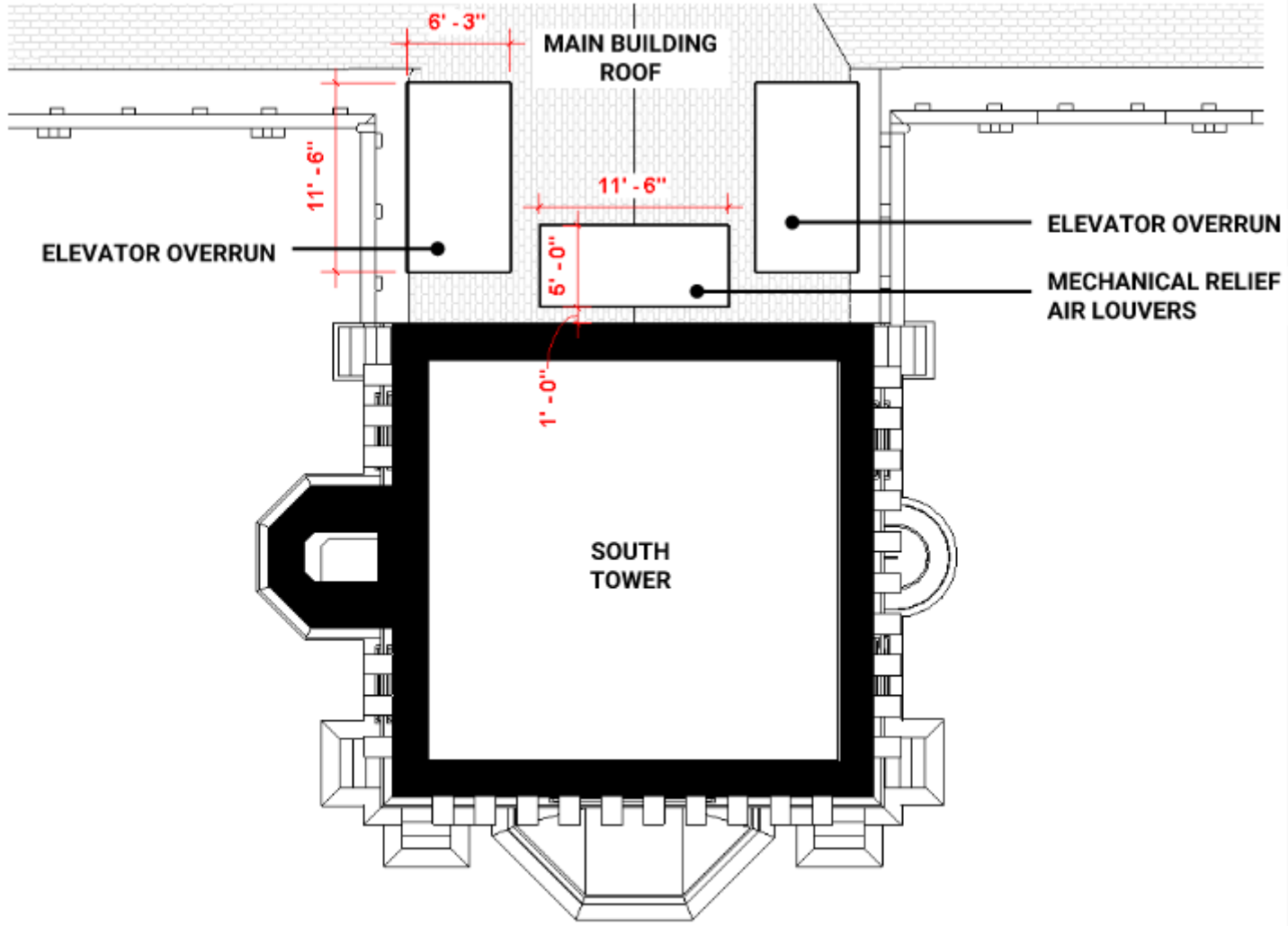
PARTIAL PLAN

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES (OPTION 1) – LOW-SLOPE ROOFS

FEATURES

- FINAL STOP FOR ELEVATORS IN THE SOUTH TOWER IS FOUR FEET ABOVE LEVEL 4 IN THE MAIN BUILDING.
- ELEVATOR OVERRUNS & LOUVERED PENTHOUSE ARE AS SMALL AS POSSIBLE (MINIMUM 100 SQUARE FEET OF AREA REQUIRED FOR MECHANICAL RELIEF AIR).
- PENTHOUSE IS FREESTANDING FROM THE NORTH WALL OF THE SOUTH TOWER
- VERTICAL CIRCULATION IS CLEAR FOR VISITORS WITH ALL ELEVATORS SERVING ALL FLOORS



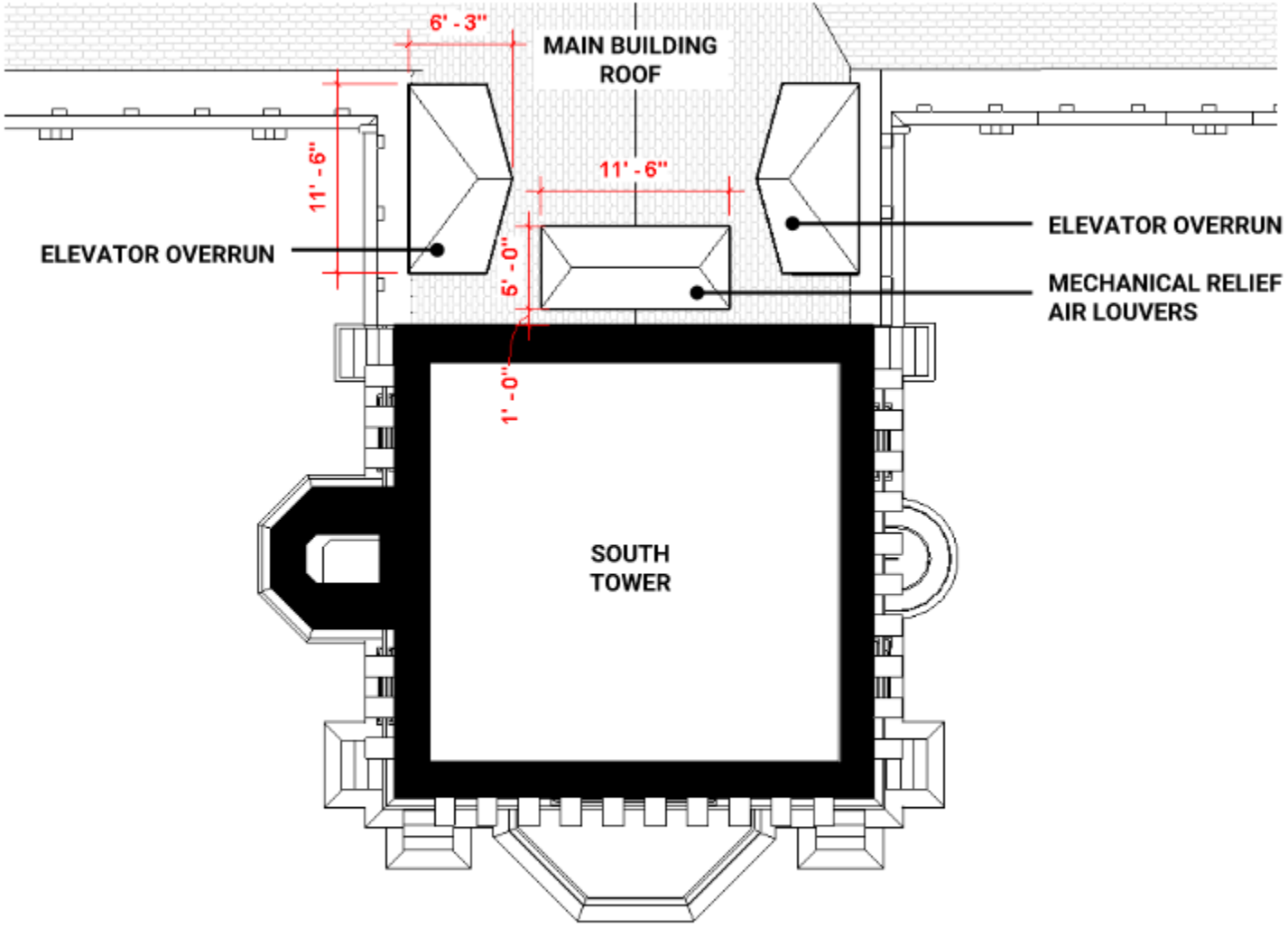
ENLARGED PLAN (LOW-SLOPE ROOF)

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES (OPTION 2) – SLOPED ROOFS

FEATURES

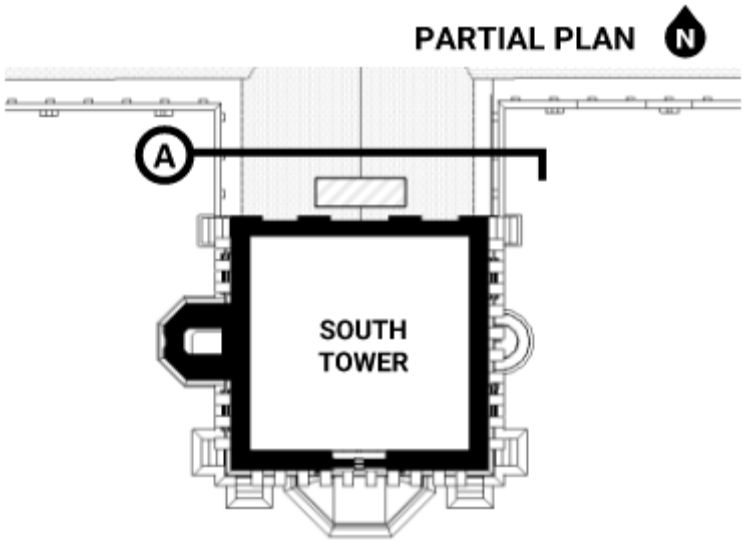
- FINAL STOP FOR ELEVATORS IN THE SOUTH TOWER IS FOUR FEET ABOVE LEVEL 4 IN THE MAIN BUILDING.
- ELEVATOR OVERRUNS & LOUVERED PENTHOUSE ARE AS SMALL AS POSSIBLE (MINIMUM 100 SQUARE FEET OF AREA REQUIRED FOR MECHANICAL RELIEF AIR).
- PENTHOUSE IS FREESTANDING FROM THE NORTH WALL OF THE SOUTH TOWER
- VERTICAL CIRCULATION IS CLEAR FOR VISITORS WITH ALL ELEVATORS SERVING ALL FLOORS



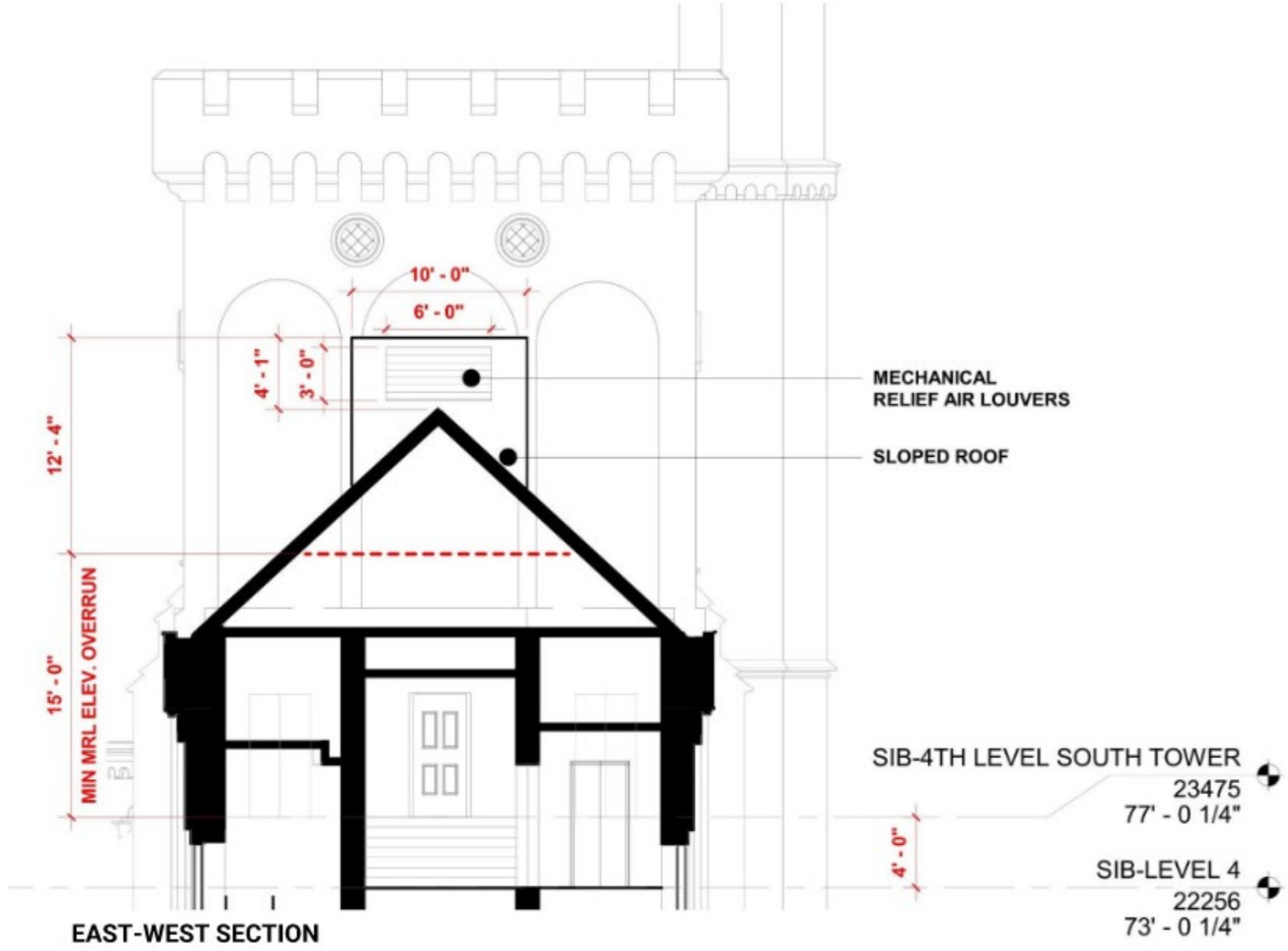
ENLARGED PLAN (SLOPED ROOFS)

SMITHSONIAN INSTITUTION BUILDING (SIB)

SIB EXISTING SOUTH TOWER PENTHOUSE



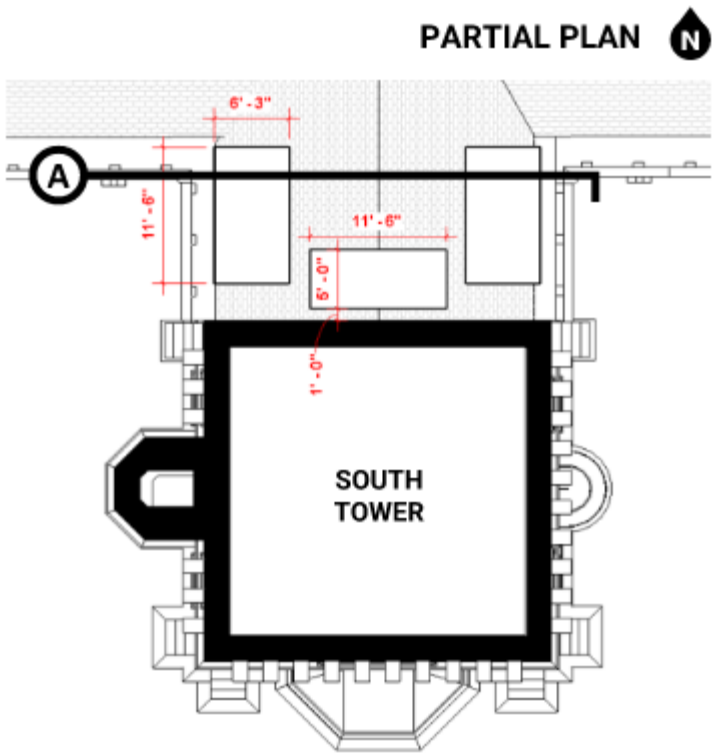
EXISTING CONDITION

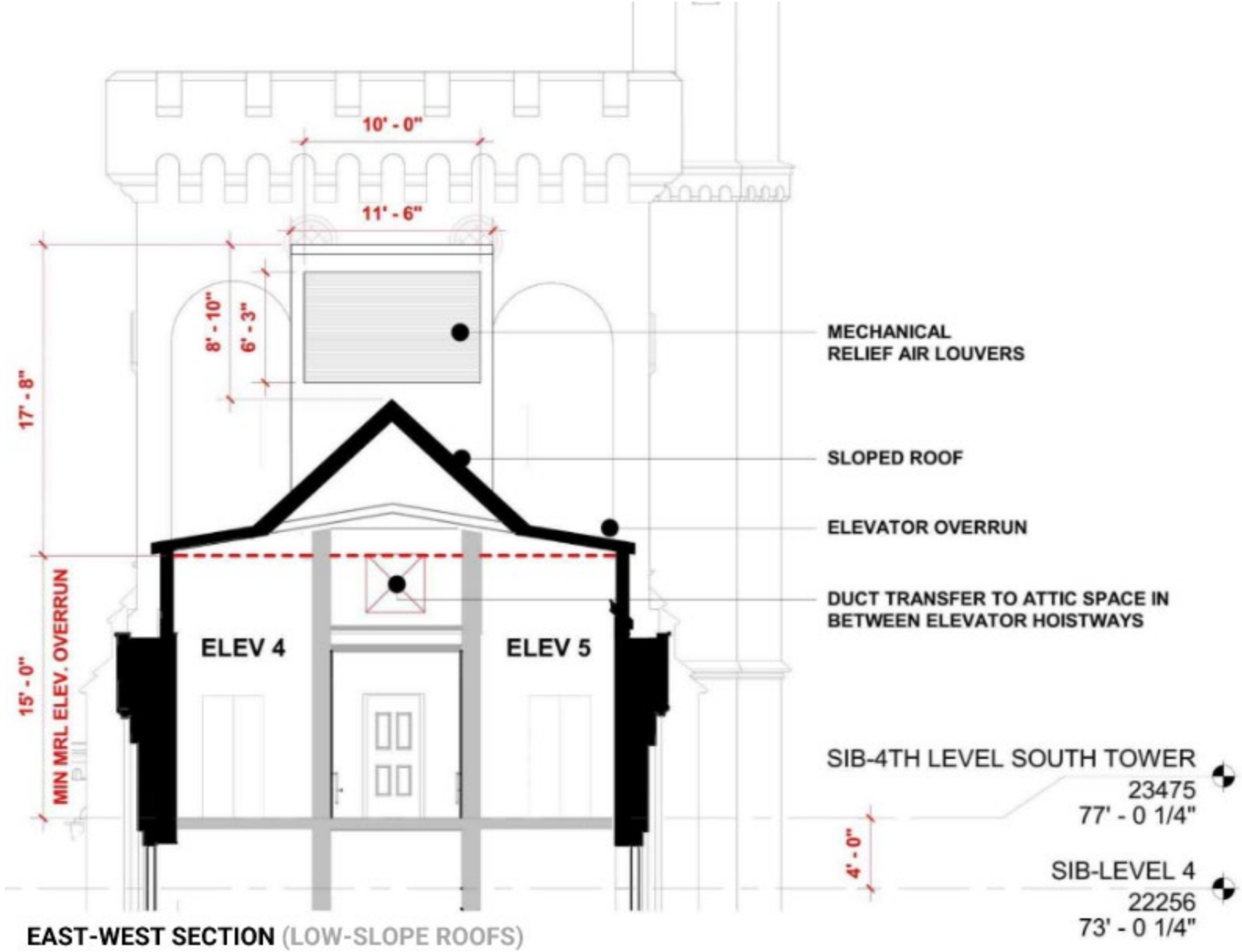


EAST-WEST SECTION

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES (OPTION 1) – LOW-SLOPE ROOFS

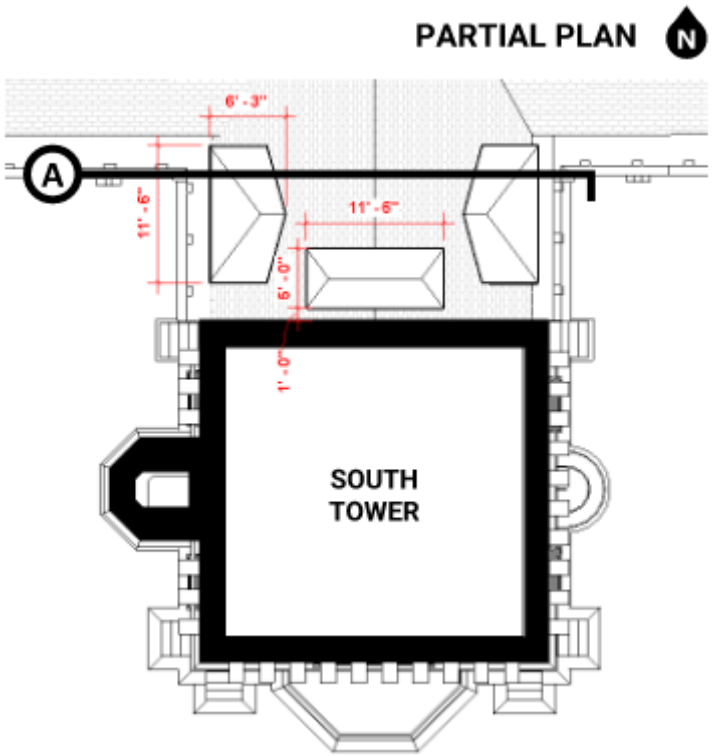


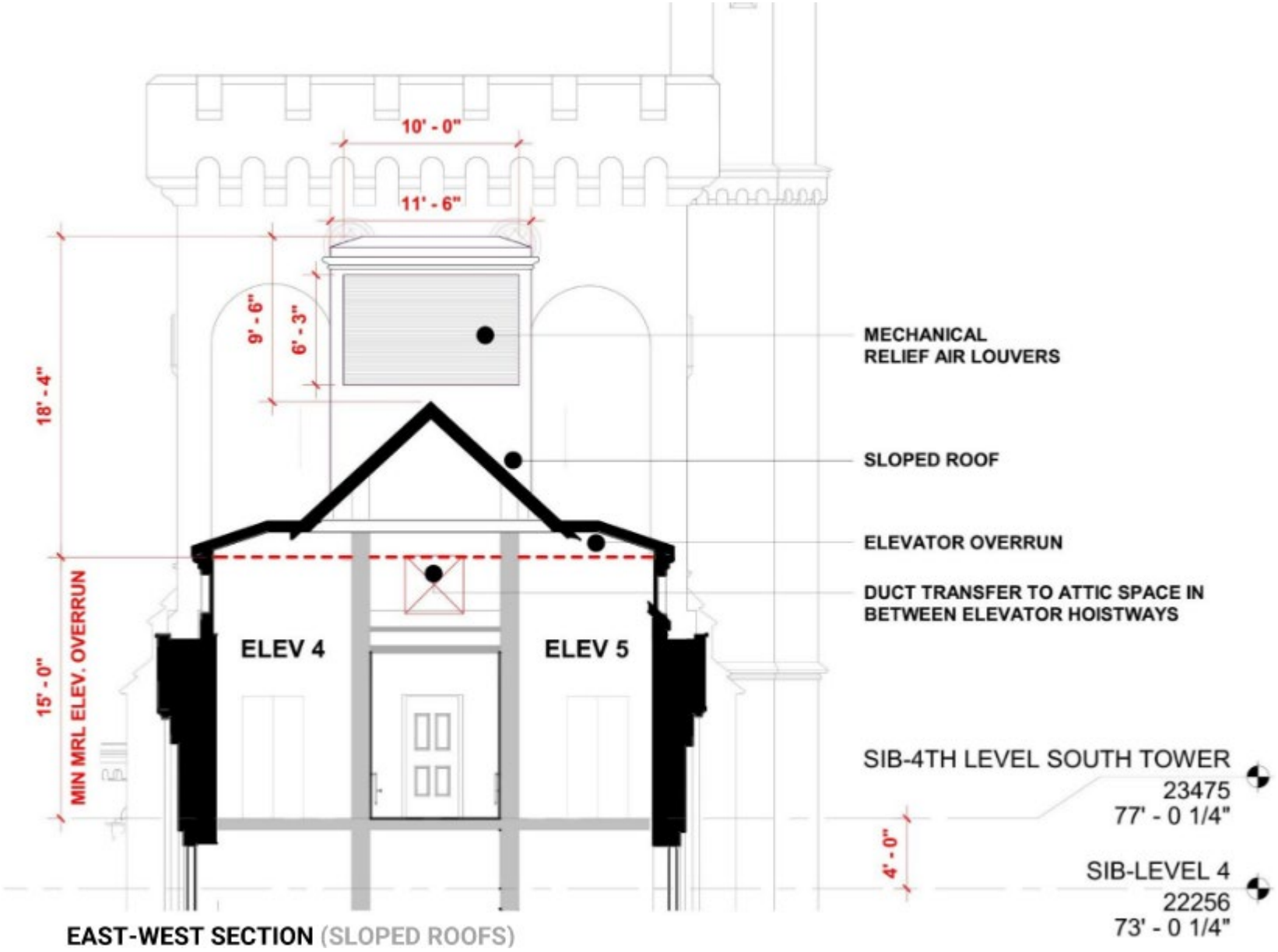


EAST-WEST SECTION (LOW-SLOPE ROOFS)

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES (OPTION 2) – SLOPED ROOFS

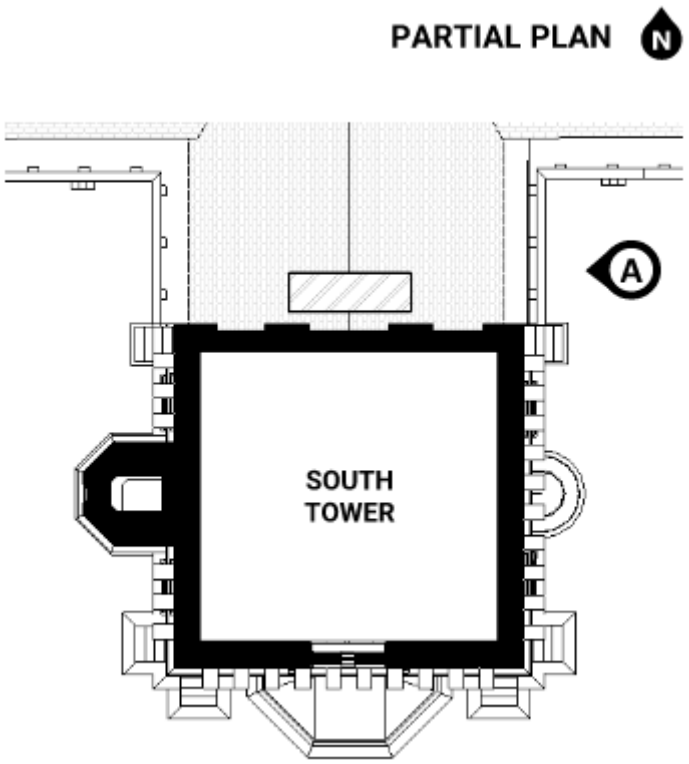


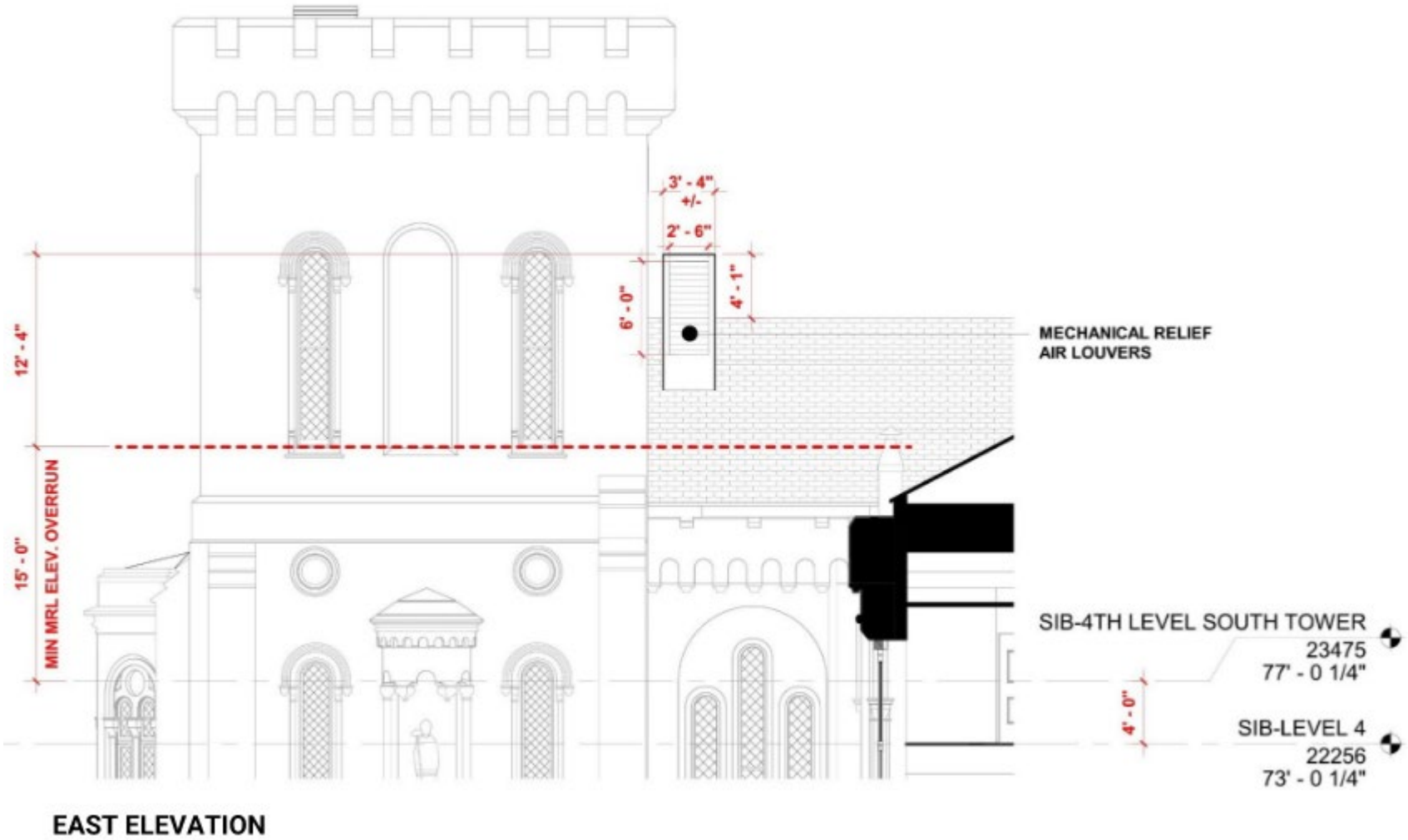


EAST-WEST SECTION (SLOPED ROOFS)

SMITHSONIAN INSTITUTION BUILDING (SIB)

SIB EXISTING SOUTH TOWER PENTHOUSE

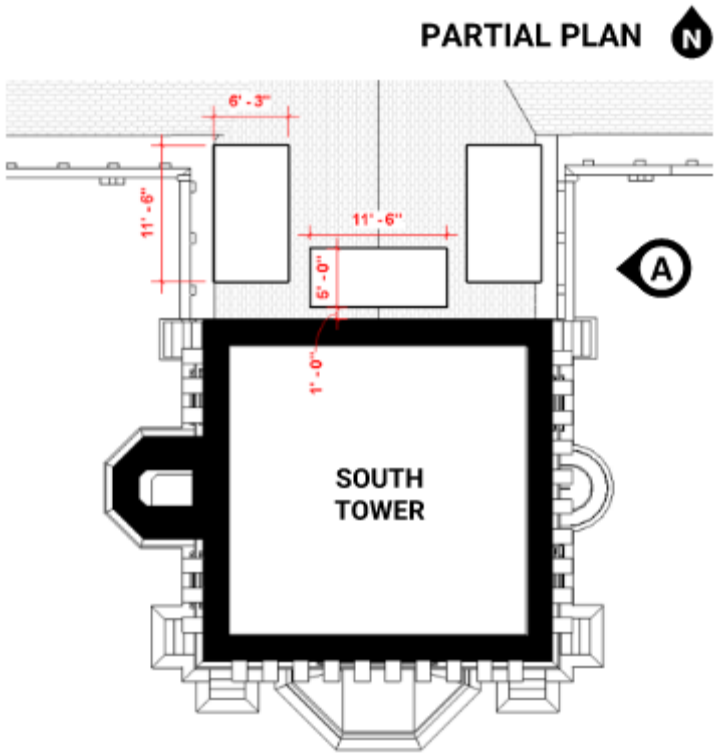


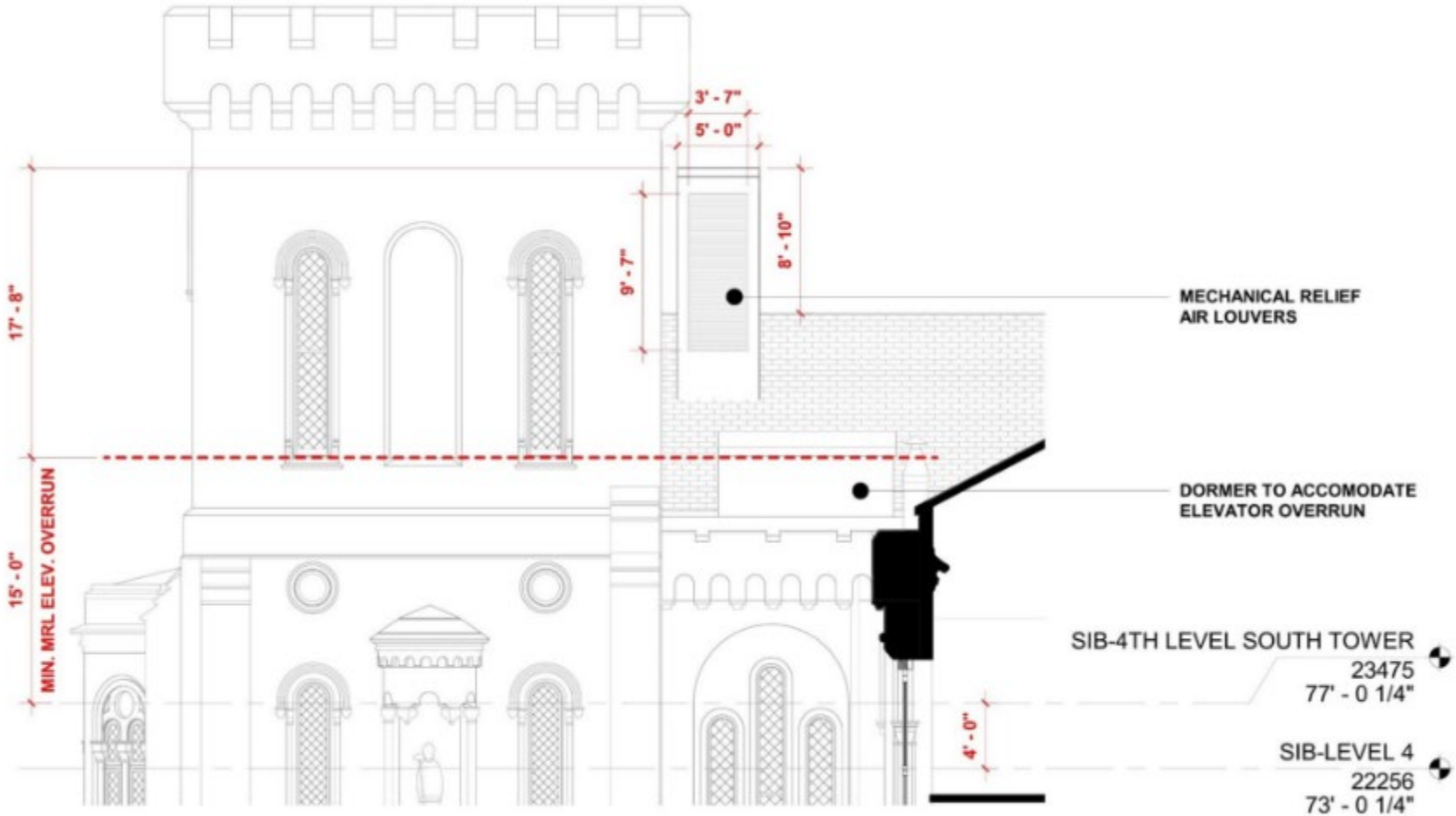


EAST ELEVATION

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES (OPTION 1) – LOW-SLOPE ROOFS



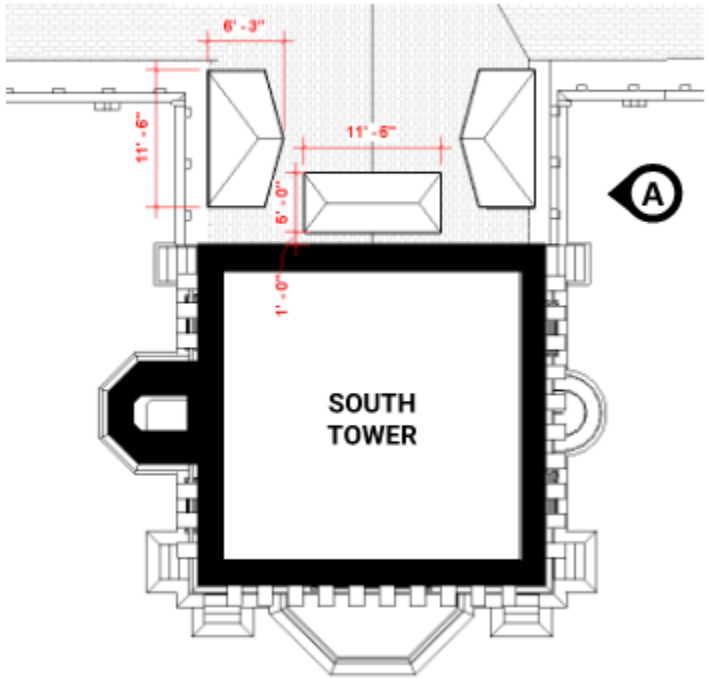


EAST ELEVATION (LOW-SLOPE ROOFS)

SMITHSONIAN INSTITUTION BUILDING (SIB)

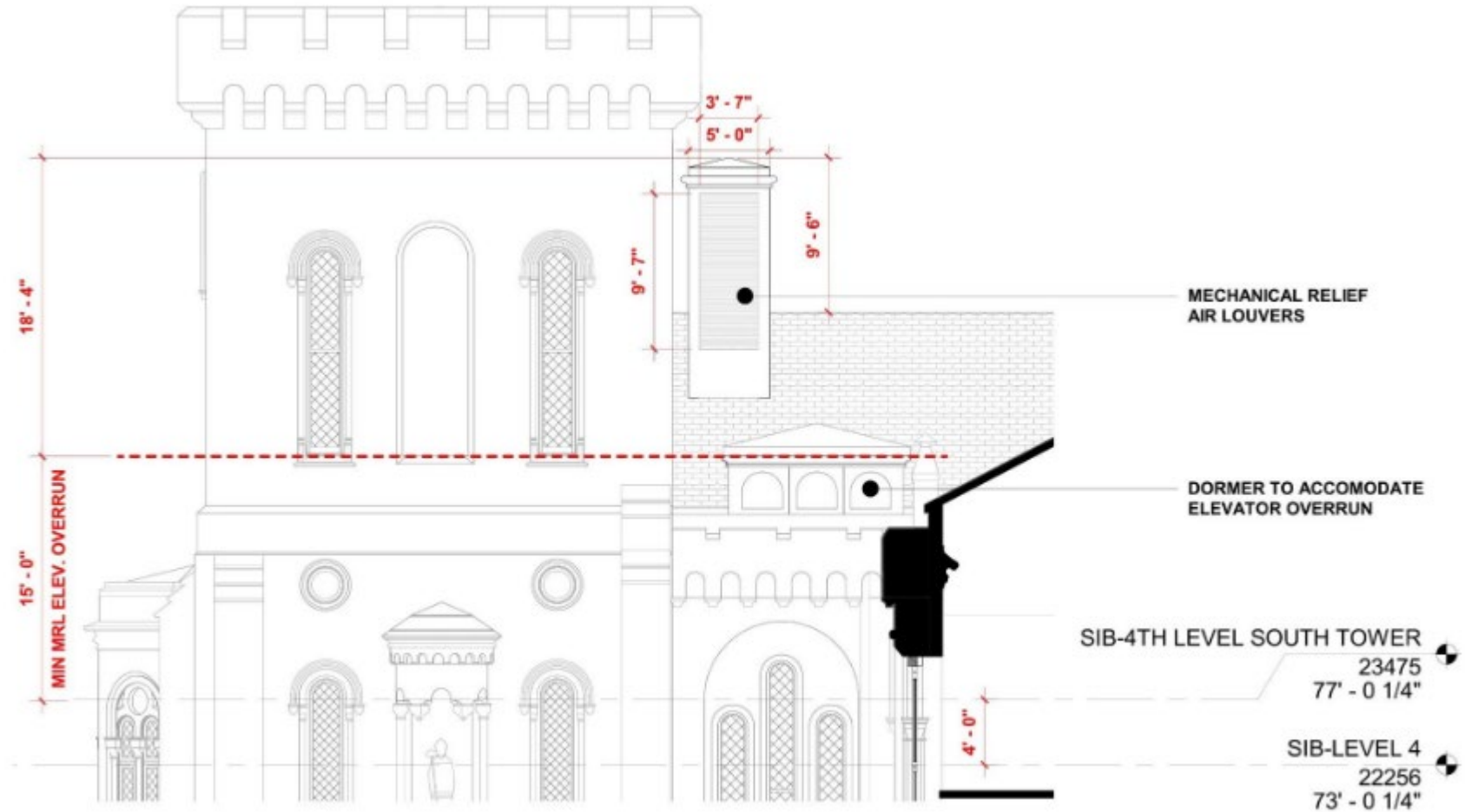
PROPOSED PENTHOUSES (OPTION 2) – SLOPED ROOFS

PARTIAL PLAN



LOUVERED PENTHOUSE

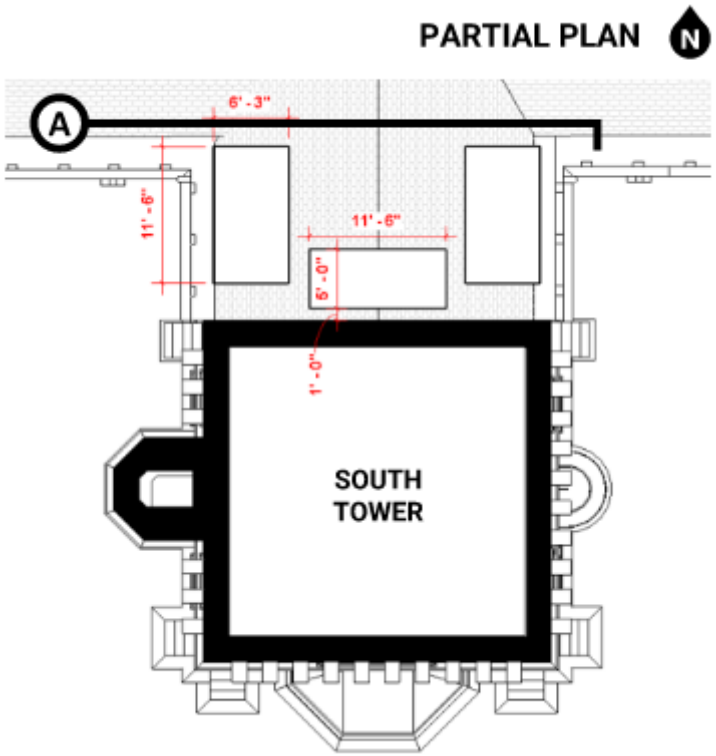
- MINIMAL WIDTH CHANGE = LESS HISTORIC FABRIC REMOVAL
- NEW ALTERNATIVE: THROUGH WALL LOUVER

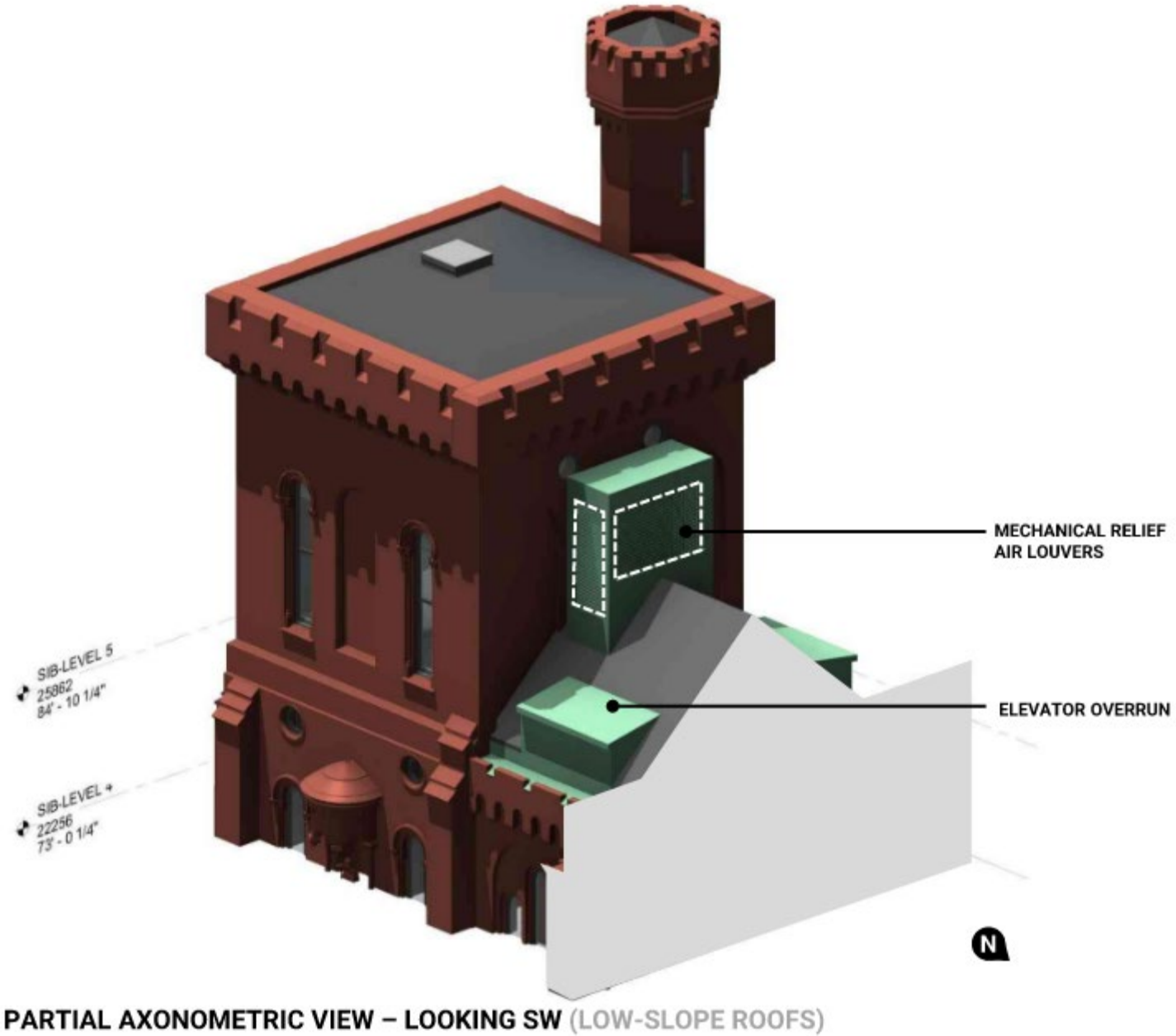


EAST ELEVATION (SLOPED ROOFS)

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES (OPTION 1) – LOW-SLOPE ROOFS

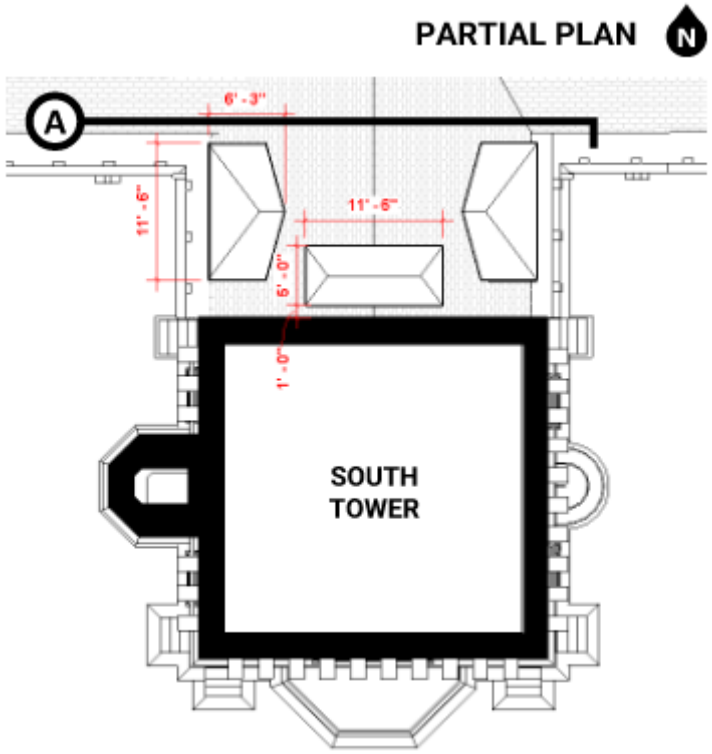


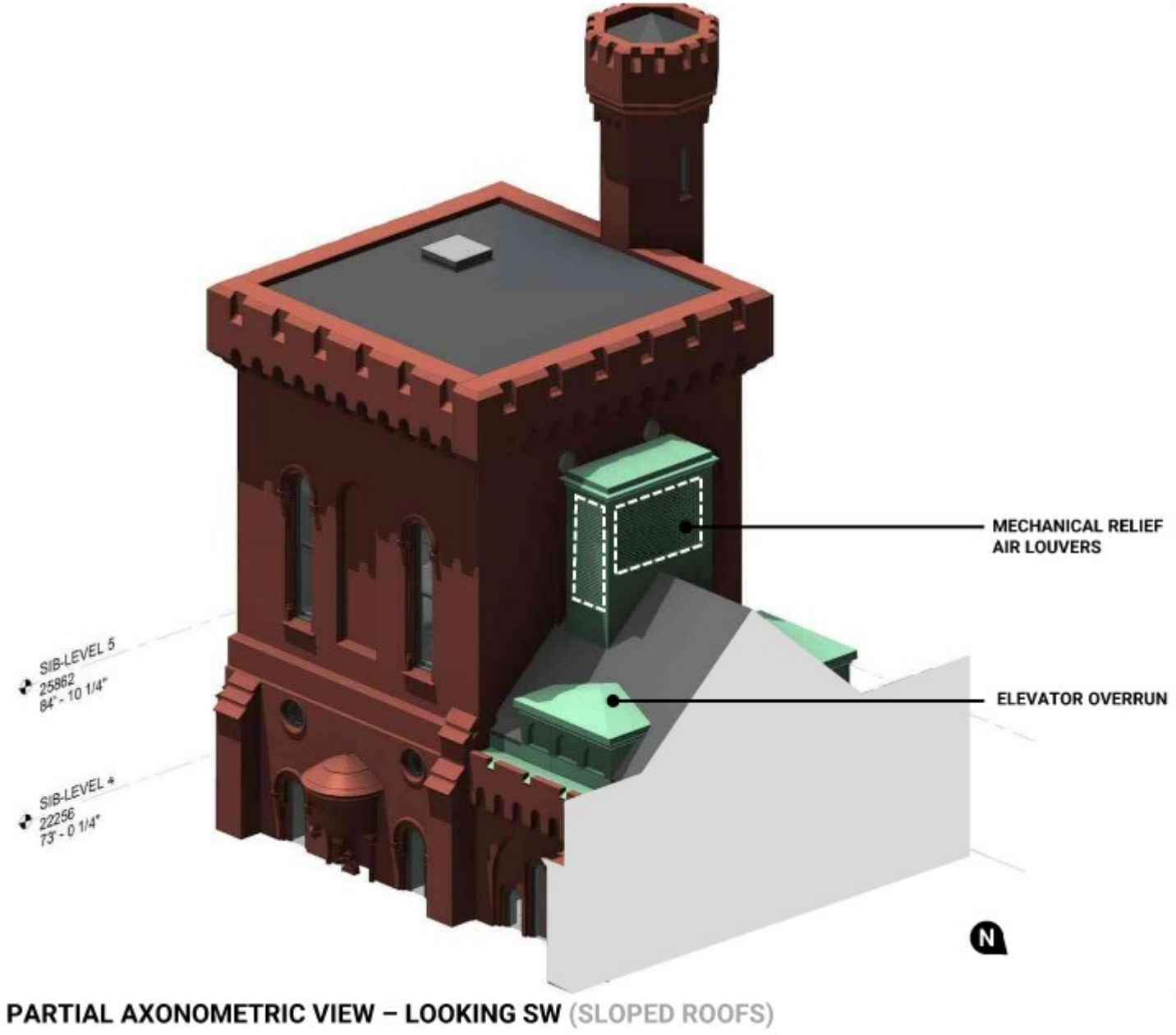


PARTIAL AXONOMETRIC VIEW – LOOKING SW (LOW-SLOPE ROOFS)

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES (OPTION 2) – SLOPED ROOFS

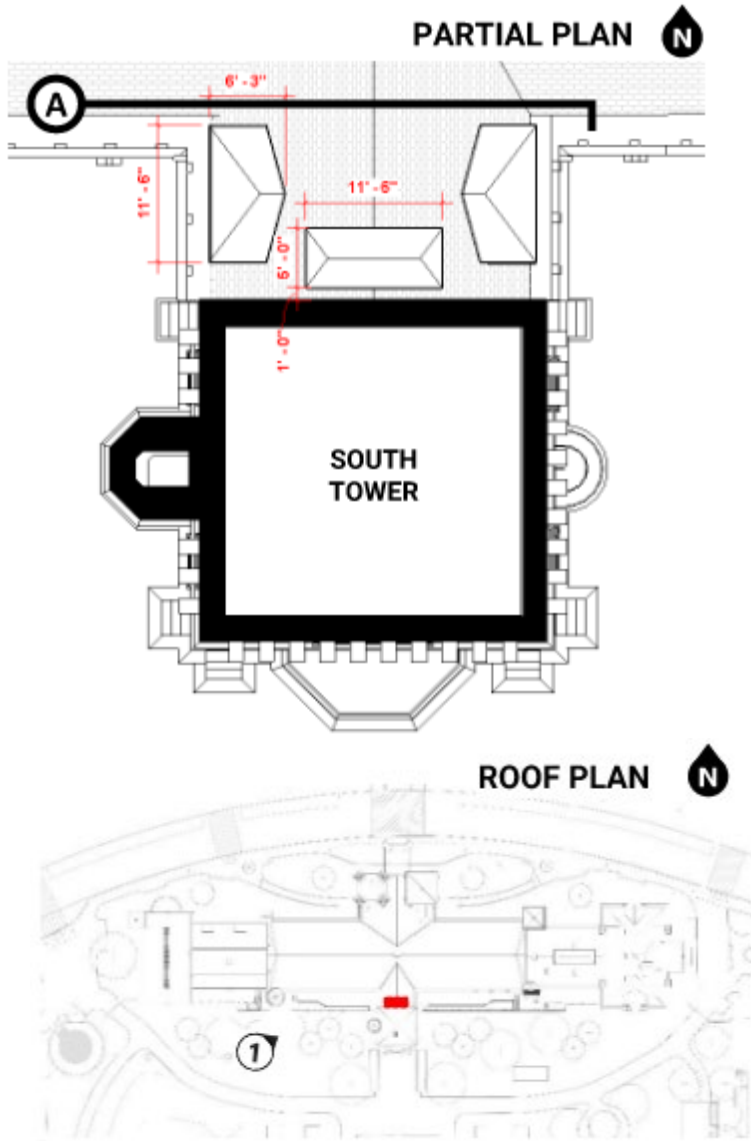




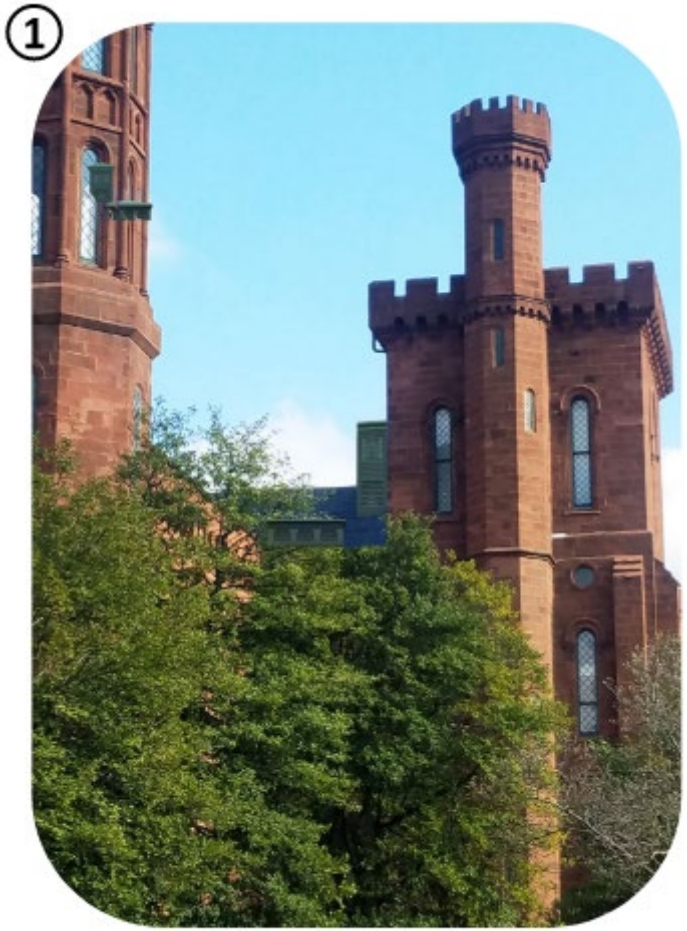
PARTIAL AXONOMETRIC VIEW – LOOKING SW (SLOPED ROOFS)

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES – SLOPED ROOFS



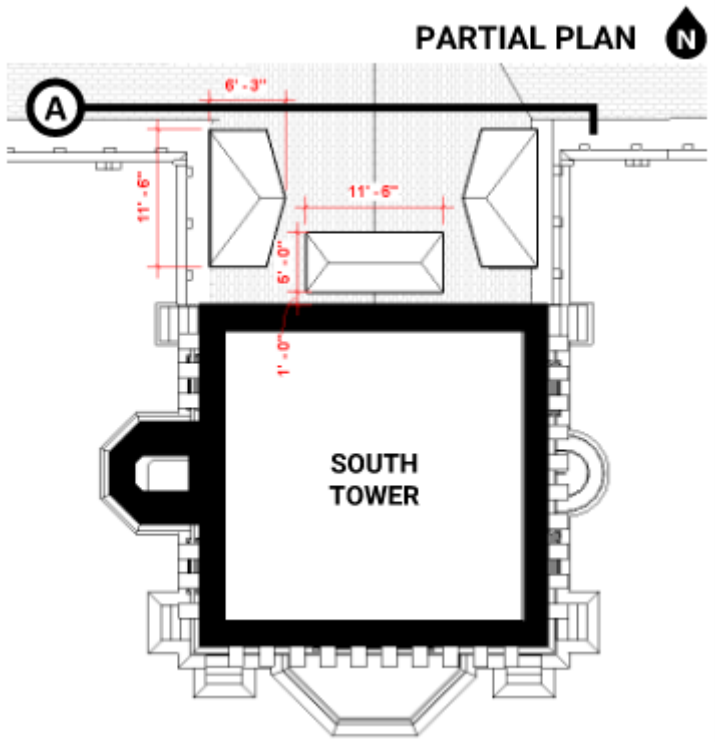
EXISTING VIEW FROM GRADE – LOOKING NE

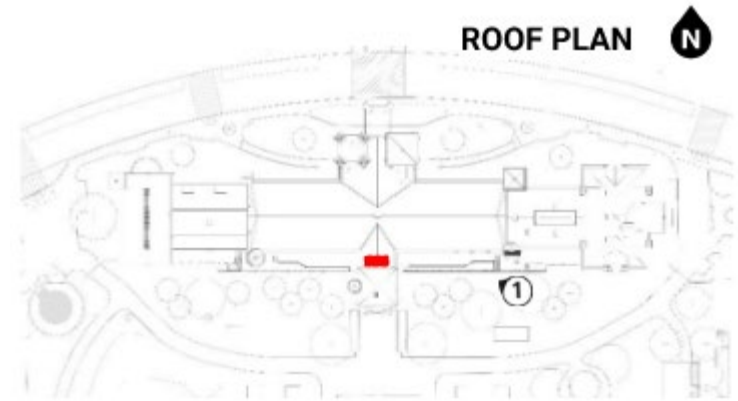


VIEW FROM GRADE OF THE PROPOSED PENTHOUSE – LOOKING NE

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES – SLOPED ROOFS



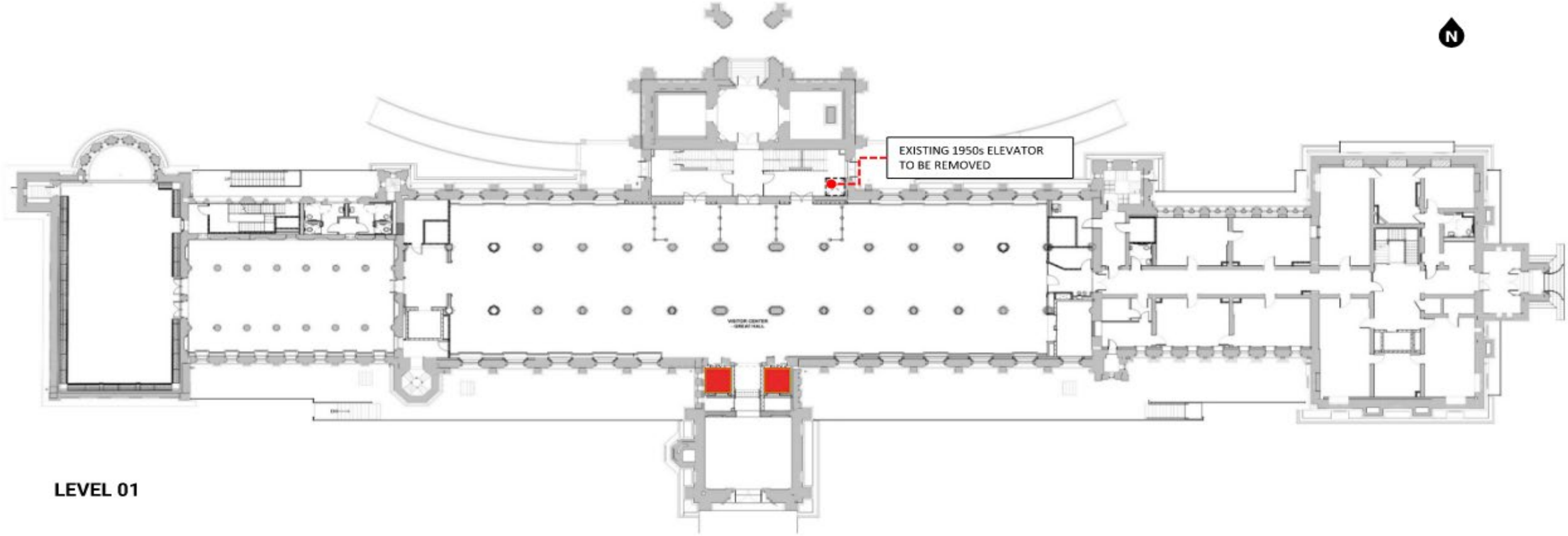


EXISTING VIEW FROM GRADE – LOOKING NW

VIEW FROM GRADE OF THE PROPOSED PENTHOUSE – LOOKING NW

SMITHSONIAN INSTITUTION BUILDING (SIB)

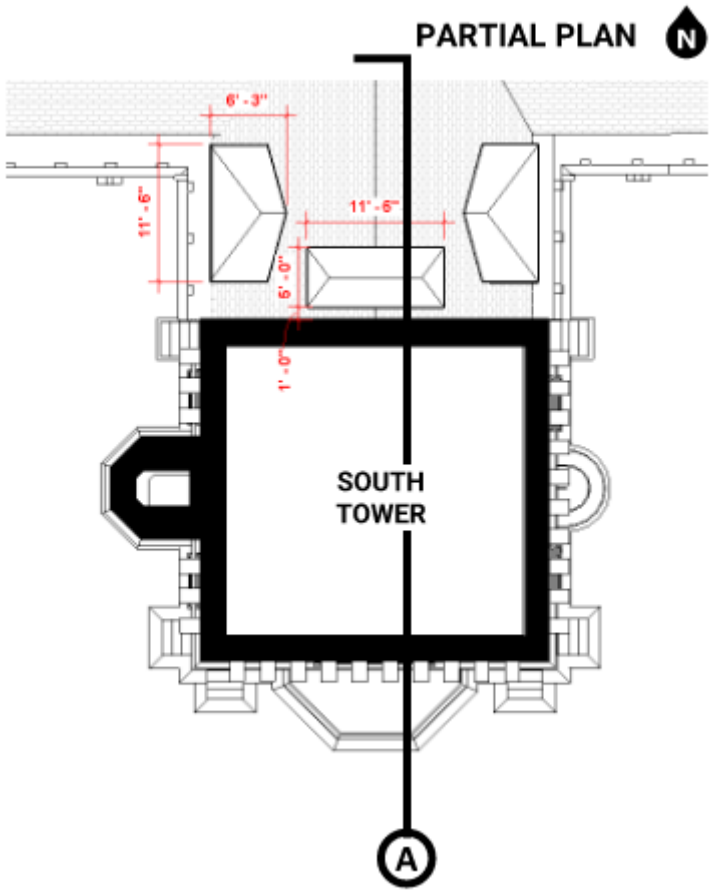
PROPOSED ELEVATOR LOCATIONS - SOUTH TOWER

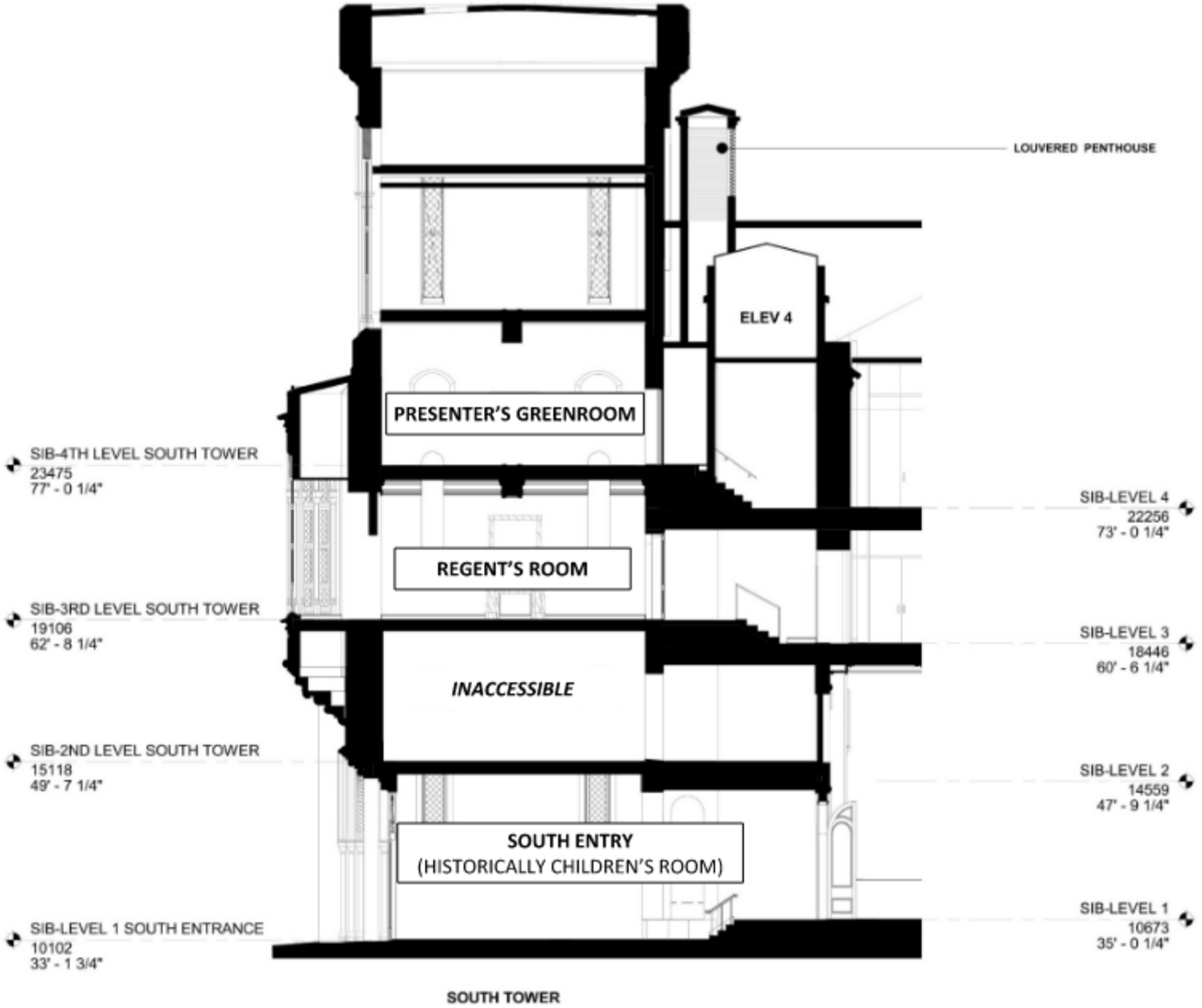


- NEW ELEVATORS LOCATED IN AREA OF EXISTING ELEVATOR AND STAIR
- LOCATION PROVIDES FULL ACCESS TO VISITORS OF ALL LEVELS IN THE MAIN BUILDING AND SOUTH TOWER
- DOUBLE-SIDED ELEVATORS ADDRESS LEVEL CHANGES BETWEEN THE MAIN BUILDING AND SOUTH TOWER
- TWO ELEVATORS AT SOUTH TOWER ALLOW THE EXISTING ELEVATOR IN THE NORTH TOWER MAIN STAIR TO BE REMOVED

SMITHSONIAN INSTITUTION BUILDING (SIB)

SECTION AT SOUTH TOWER



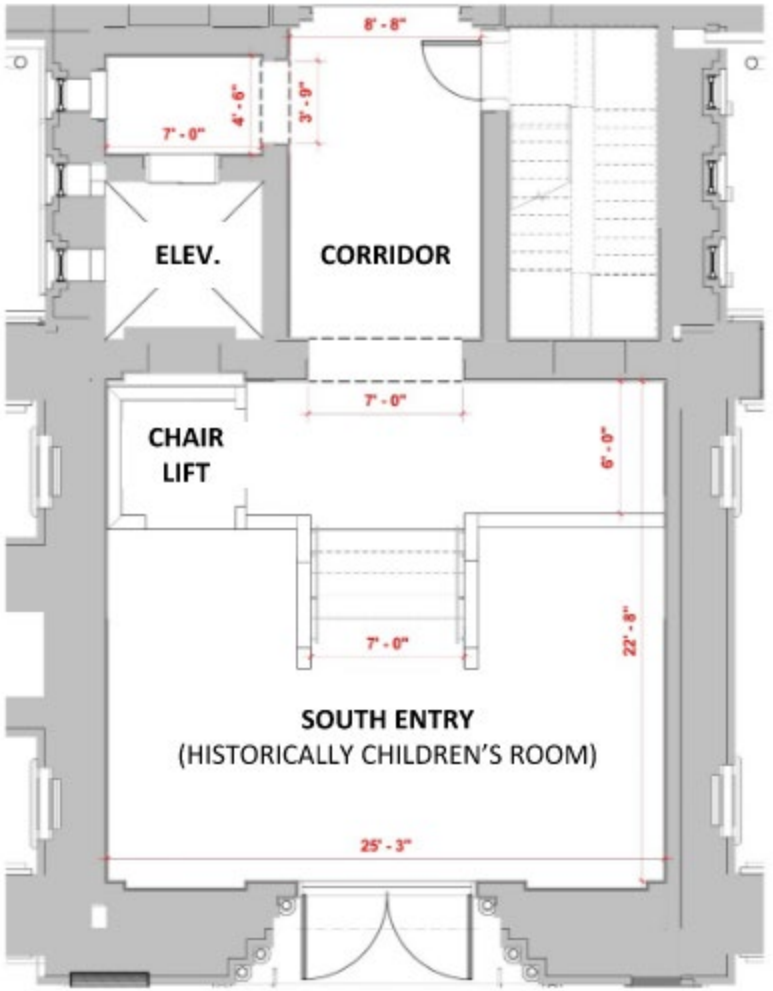


SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER – LEVEL 01

HISTORIC CONDITION

EXISTING CONDITION



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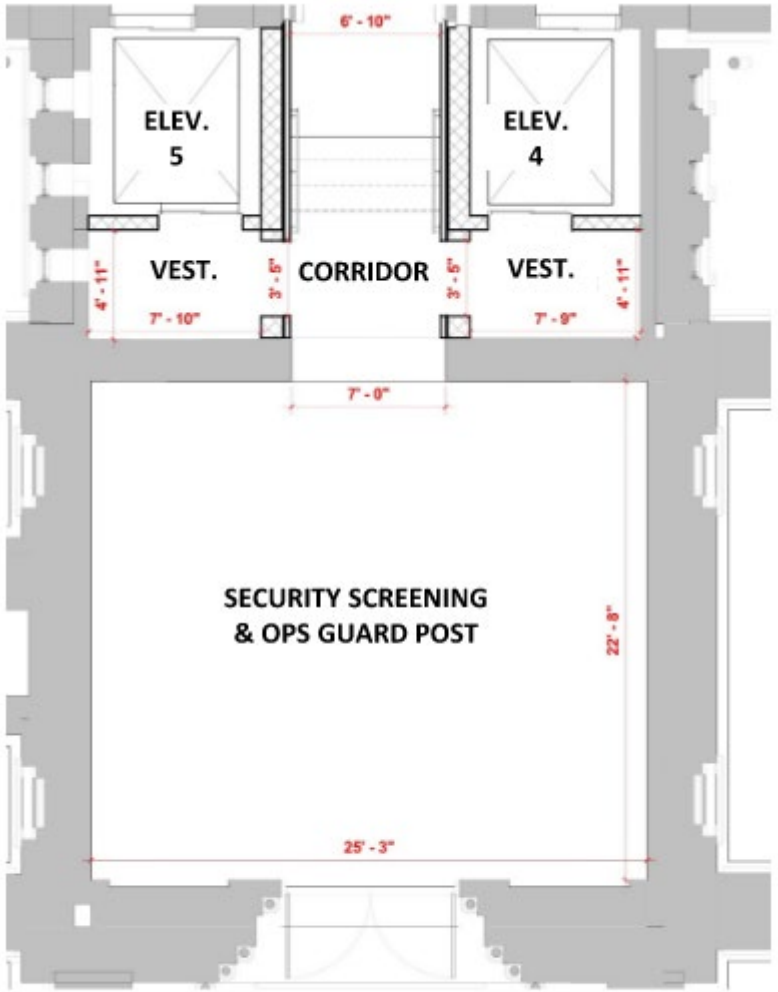
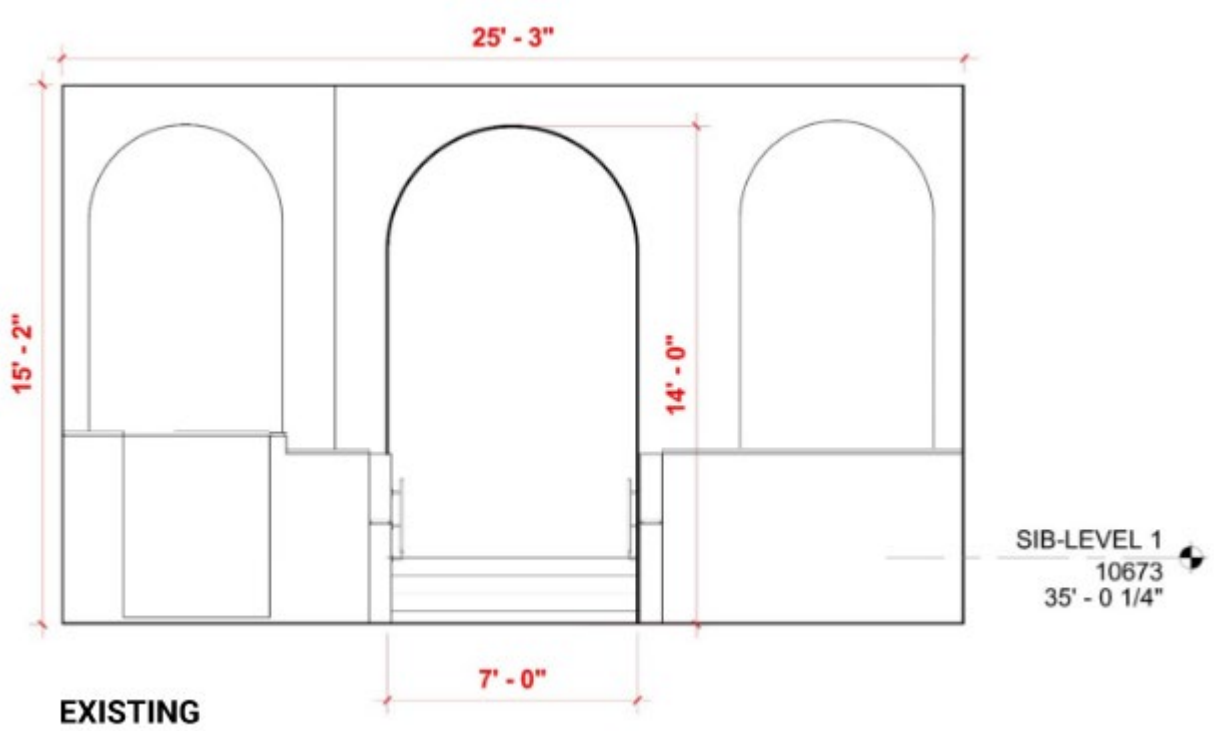
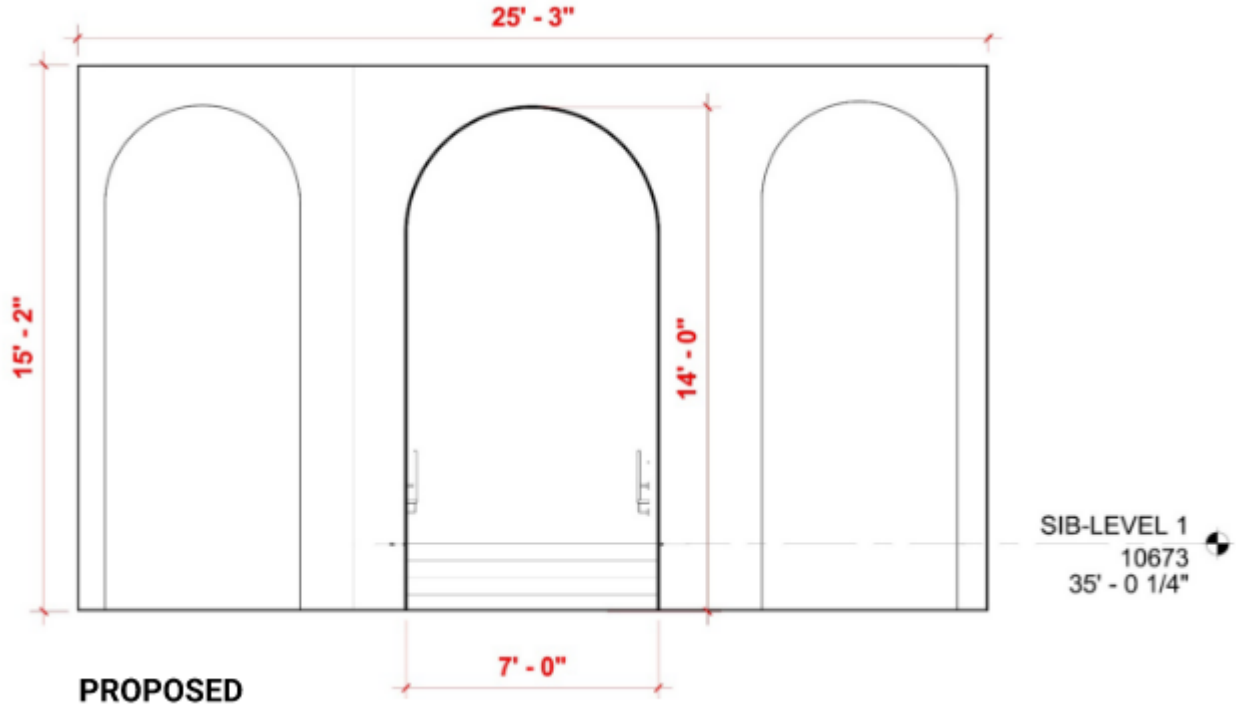


PROPOSED

SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER – LEVEL 01



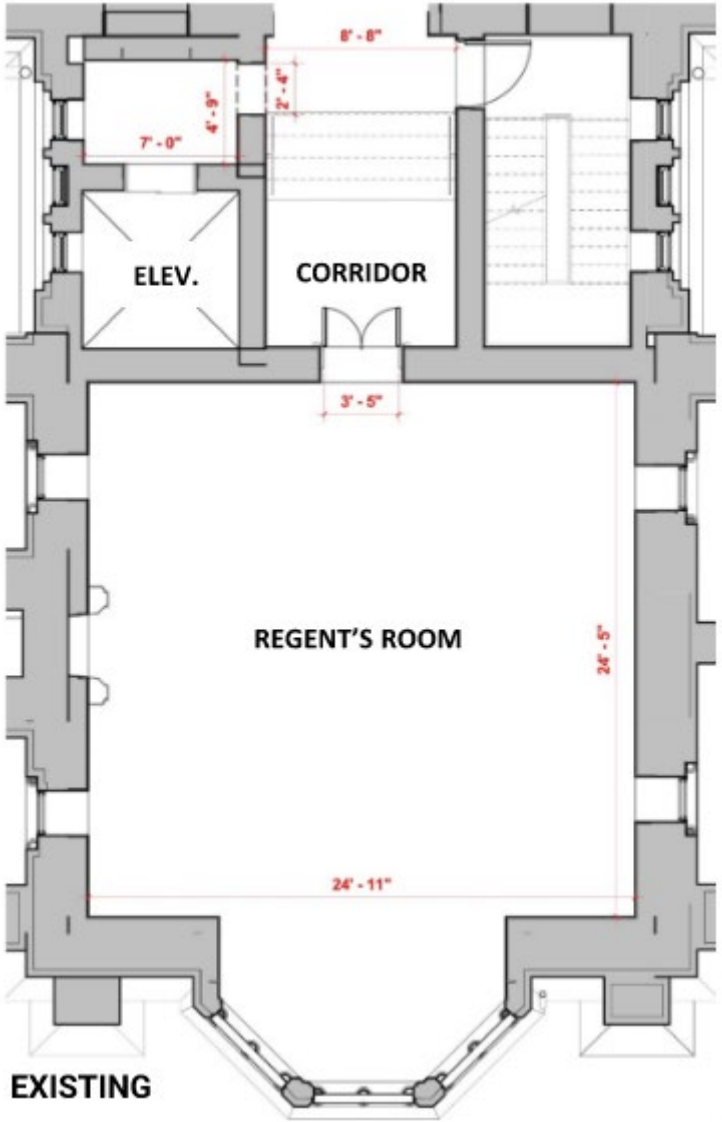


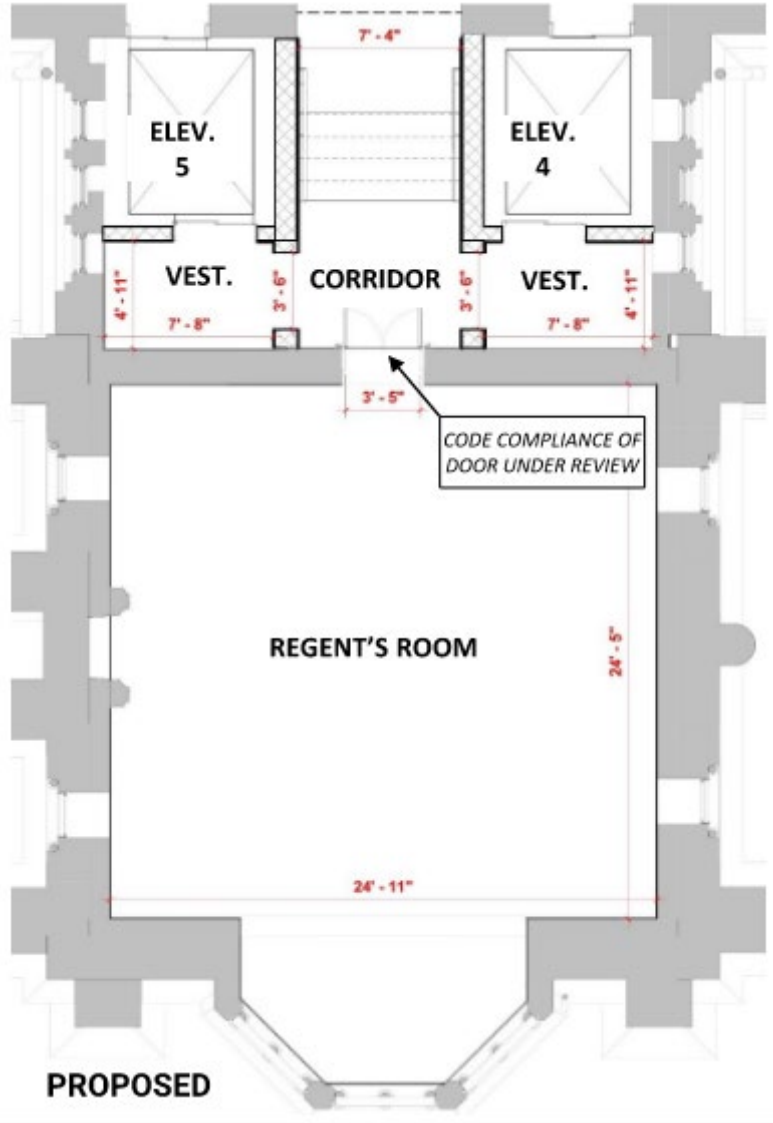
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER – LEVEL 03

EXISTING CONDITION

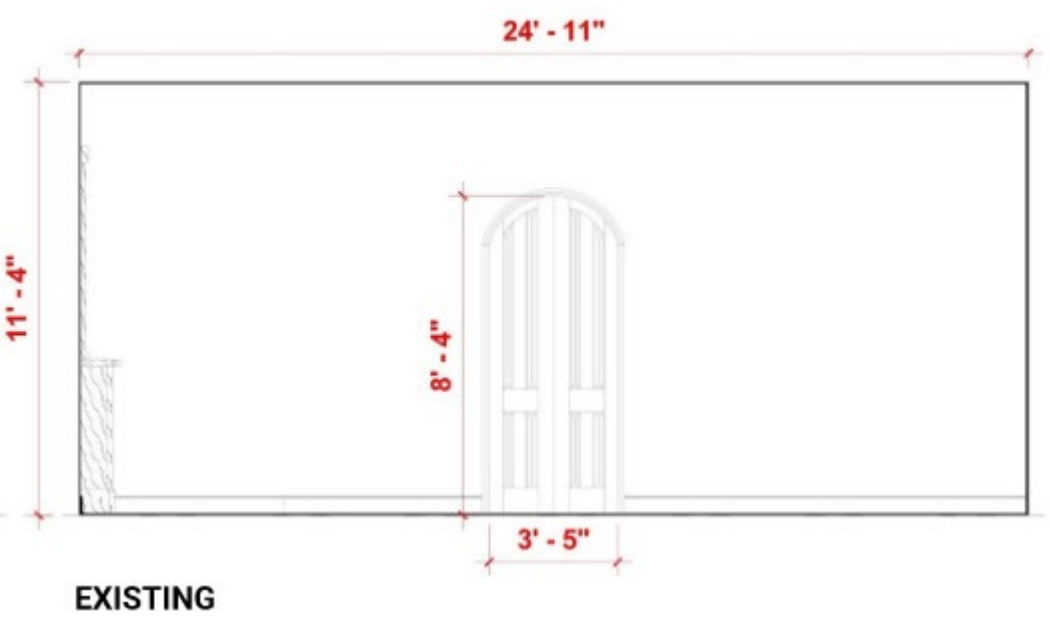
EXISTING CONDITION





SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER – LEVEL 03



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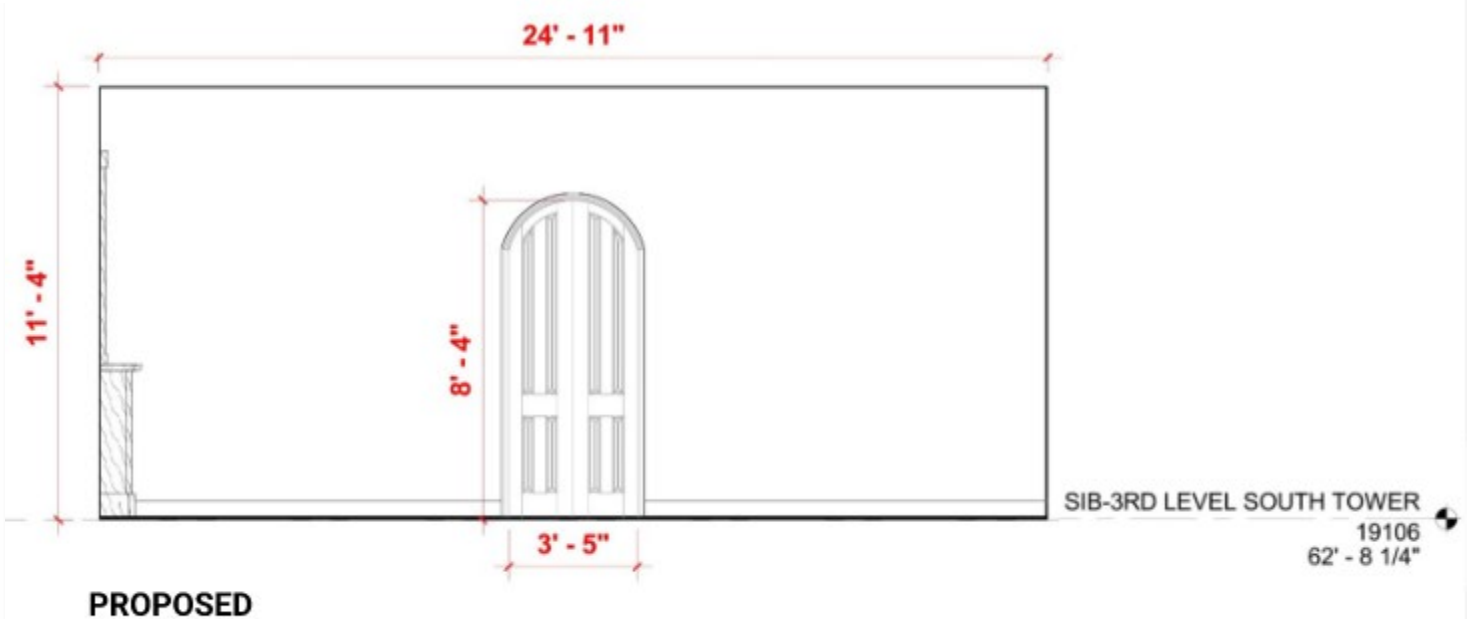
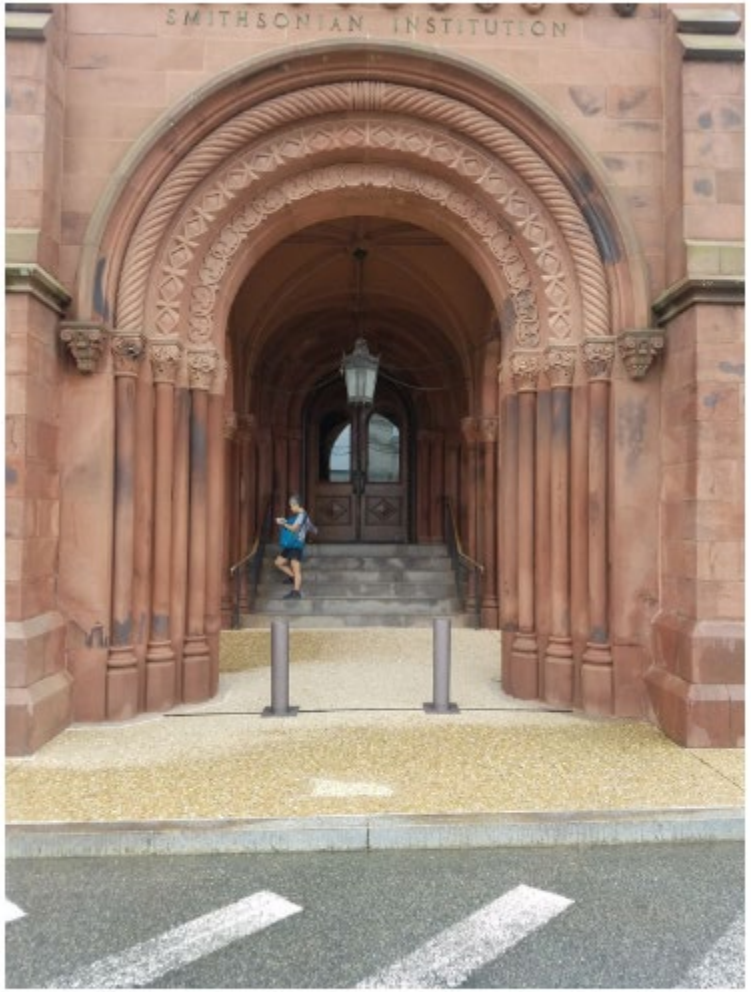


PROPOSED

PERIMETER SECURITY
JEFFERSON DRIVE

SMITHSONIAN INSTITUTION BUILDING (SIB)

PERIMETER SECURITY ELEMENTS – ON SITE MOCKUP
SEPTEMBER 7, 2022



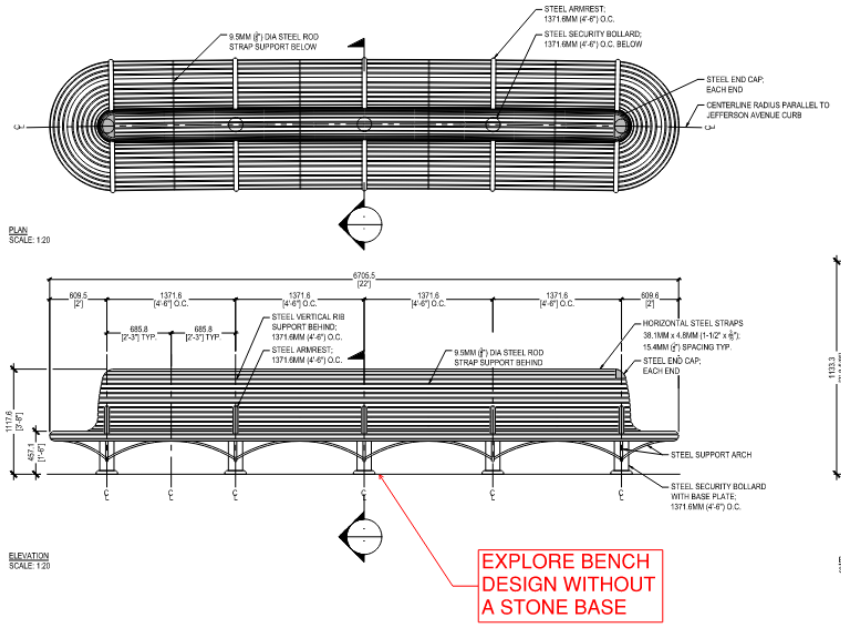
Conceptual bollard configuration inside porte-cochere

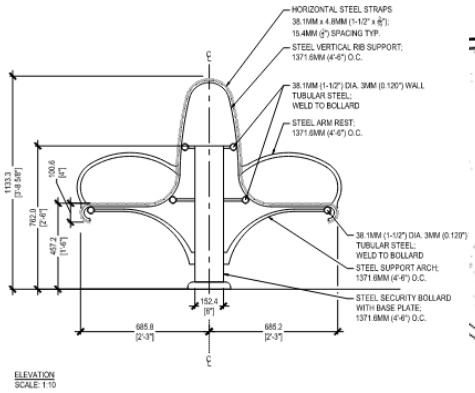
Conceptual bollard configuration at west side of porte-cochere with hardened bench massing taped-out on pavement

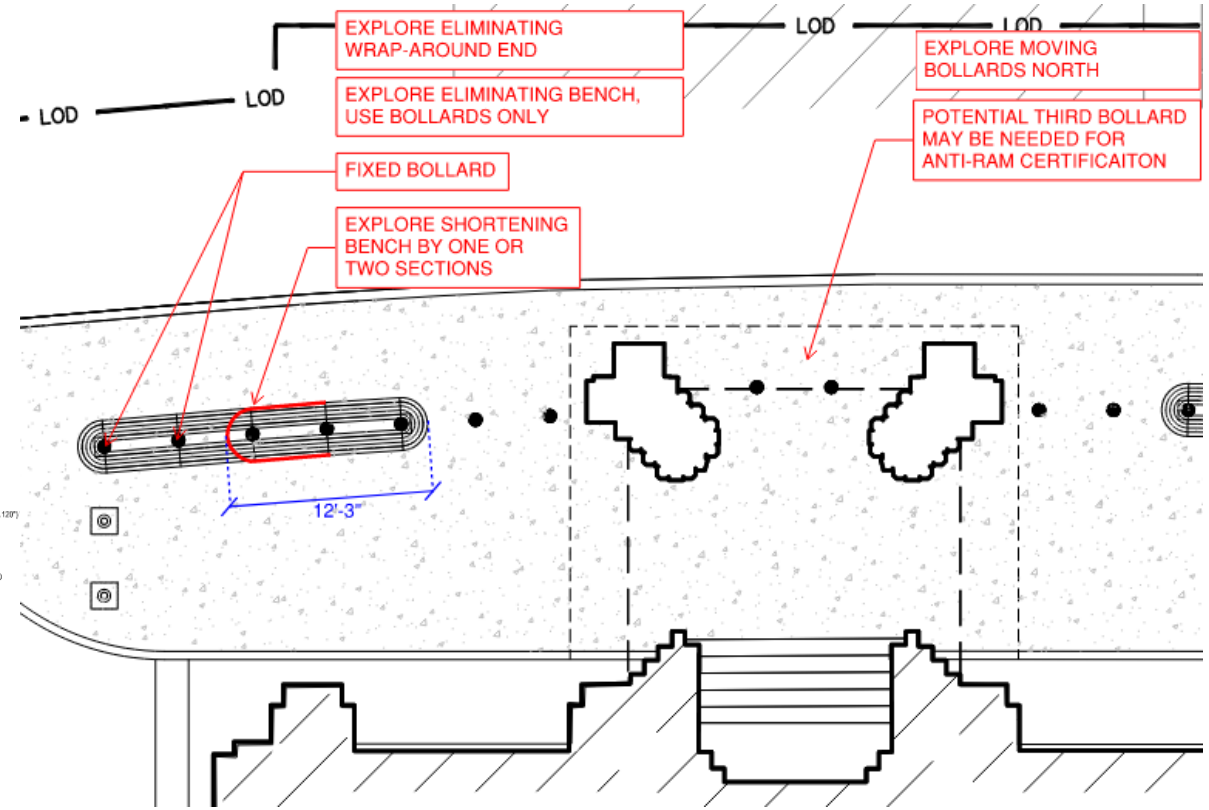
SMITHSONIAN INSTITUTION BUILDING (SIB)

PERIMETER SECURITY ELEMENTS

COMMENTS FROM CONSULTING PARTIES

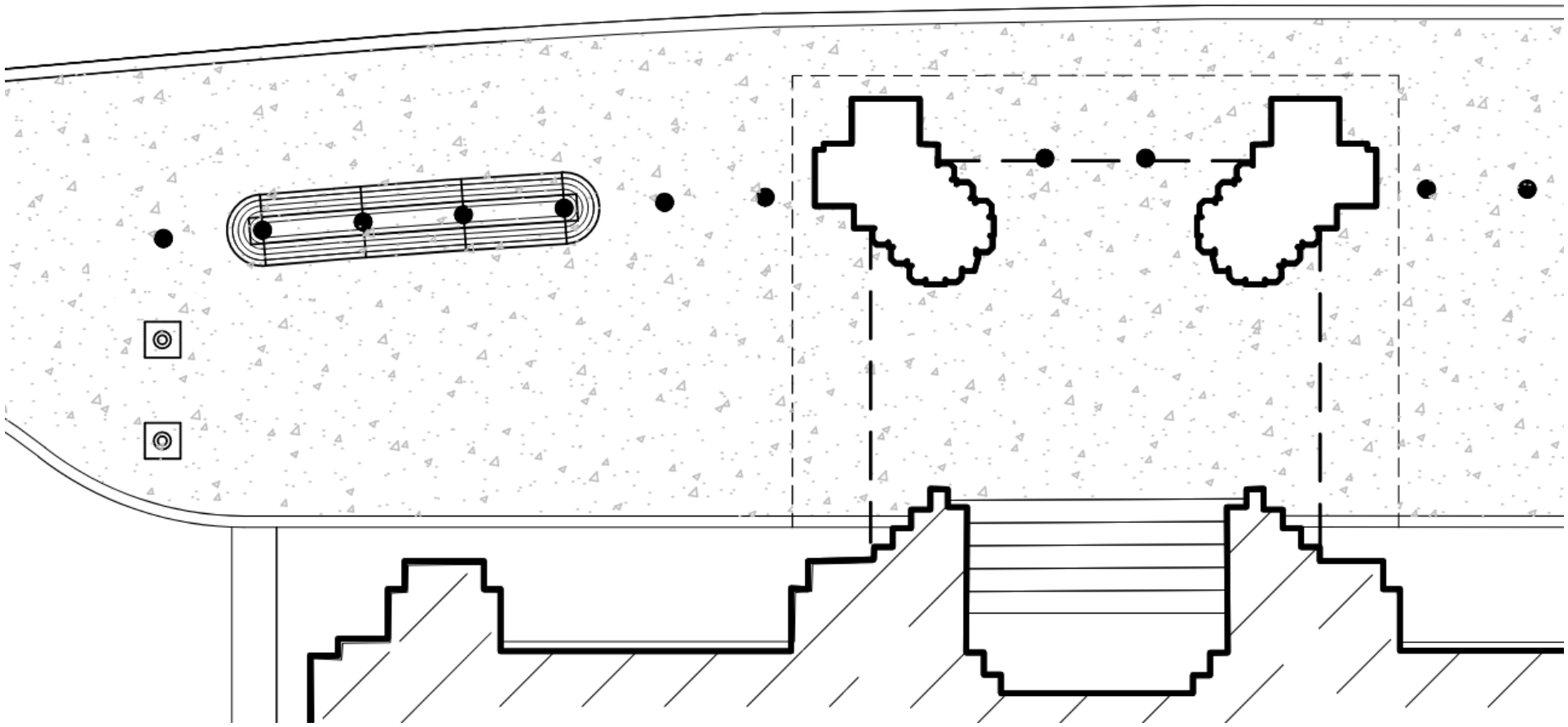






SMITHSONIAN INSTITUTION BUILDING (SIB)

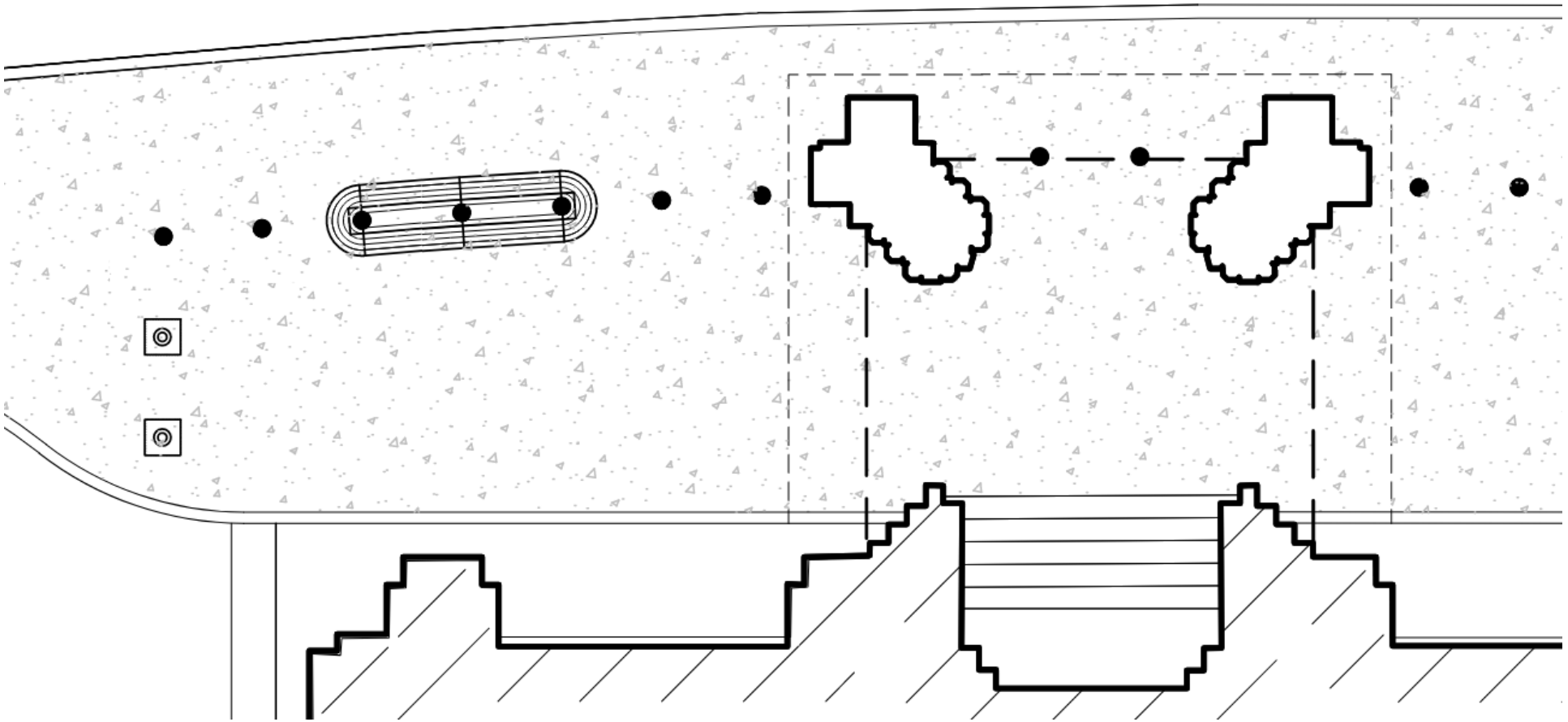
OPTION 1 - SHORTENED BENCH (3-SECTIONS)



*Curb at lawn to be adjusted for seismic joint

SMITHSONIAN INSTITUTION BUILDING (SIB)

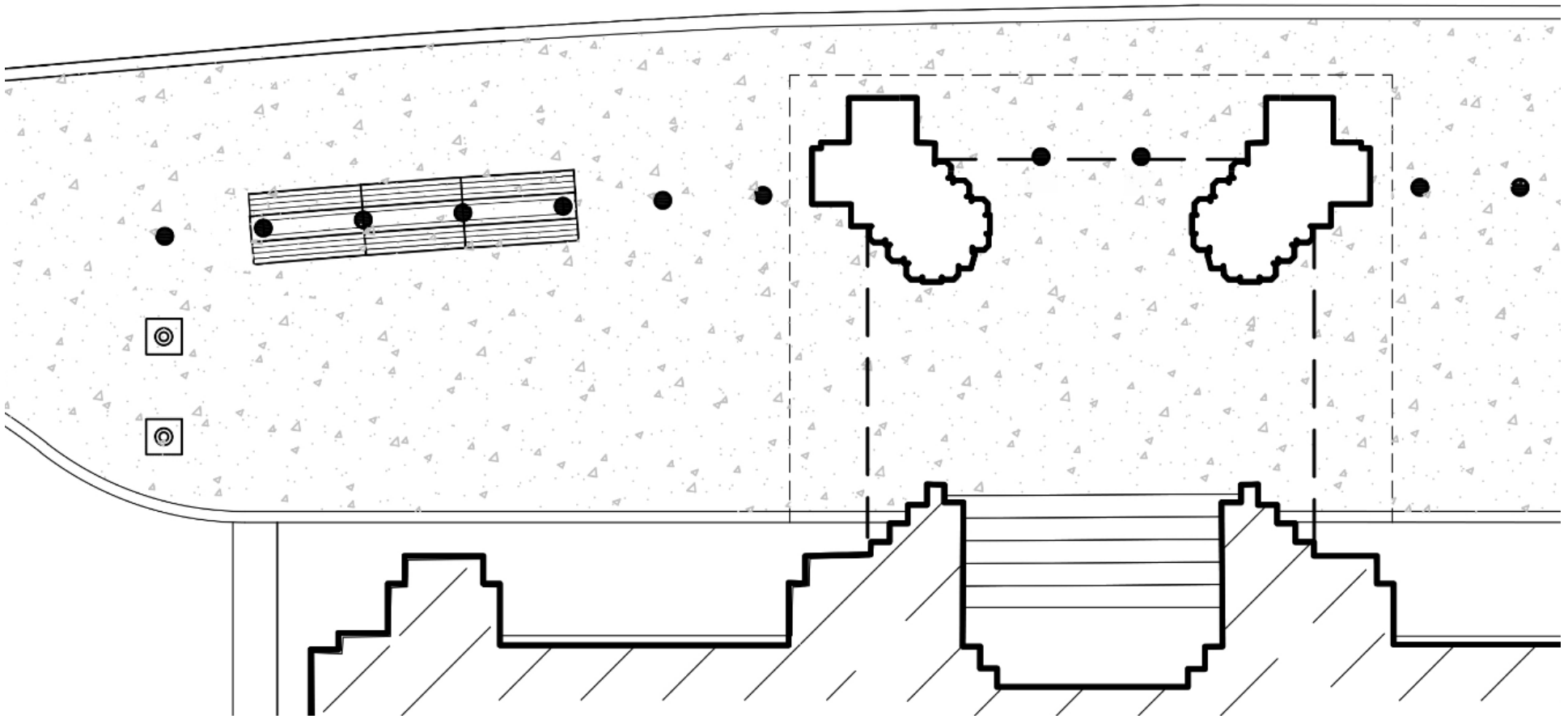
OPTION 2 - SHORTENED BENCH (2-SECTIONS)



*Curb at lawn to be adjusted for seismic joint

SMITHSONIAN INSTITUTION BUILDING (SIB)

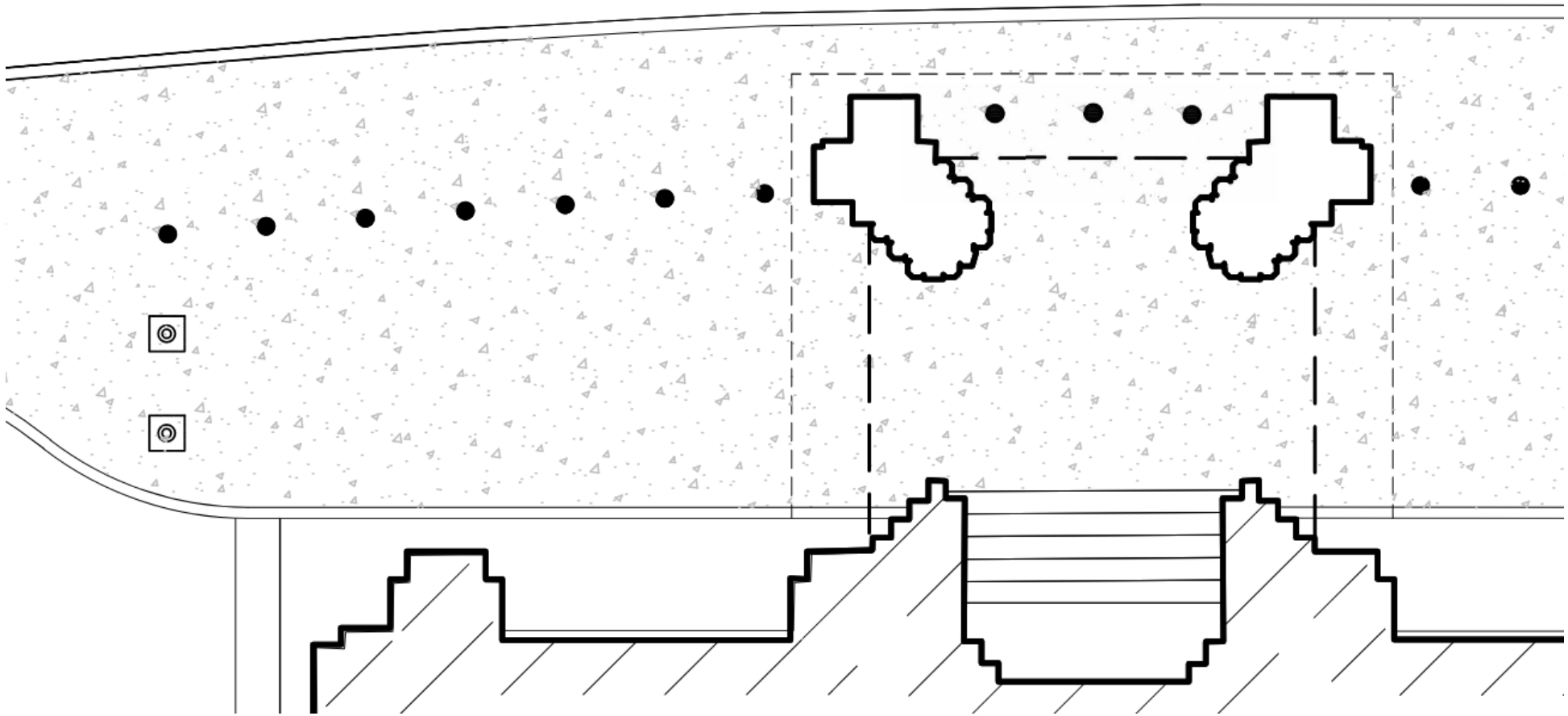
OPTION 3 - NO WRAP-AROUND END



*Curb at lawn to be adjusted for seismic joint

SMITHSONIAN INSTITUTION BUILDING (SIB)

OPTION 4 - NO BENCH; 3 BOLLARDS AT PORTE COCHERE

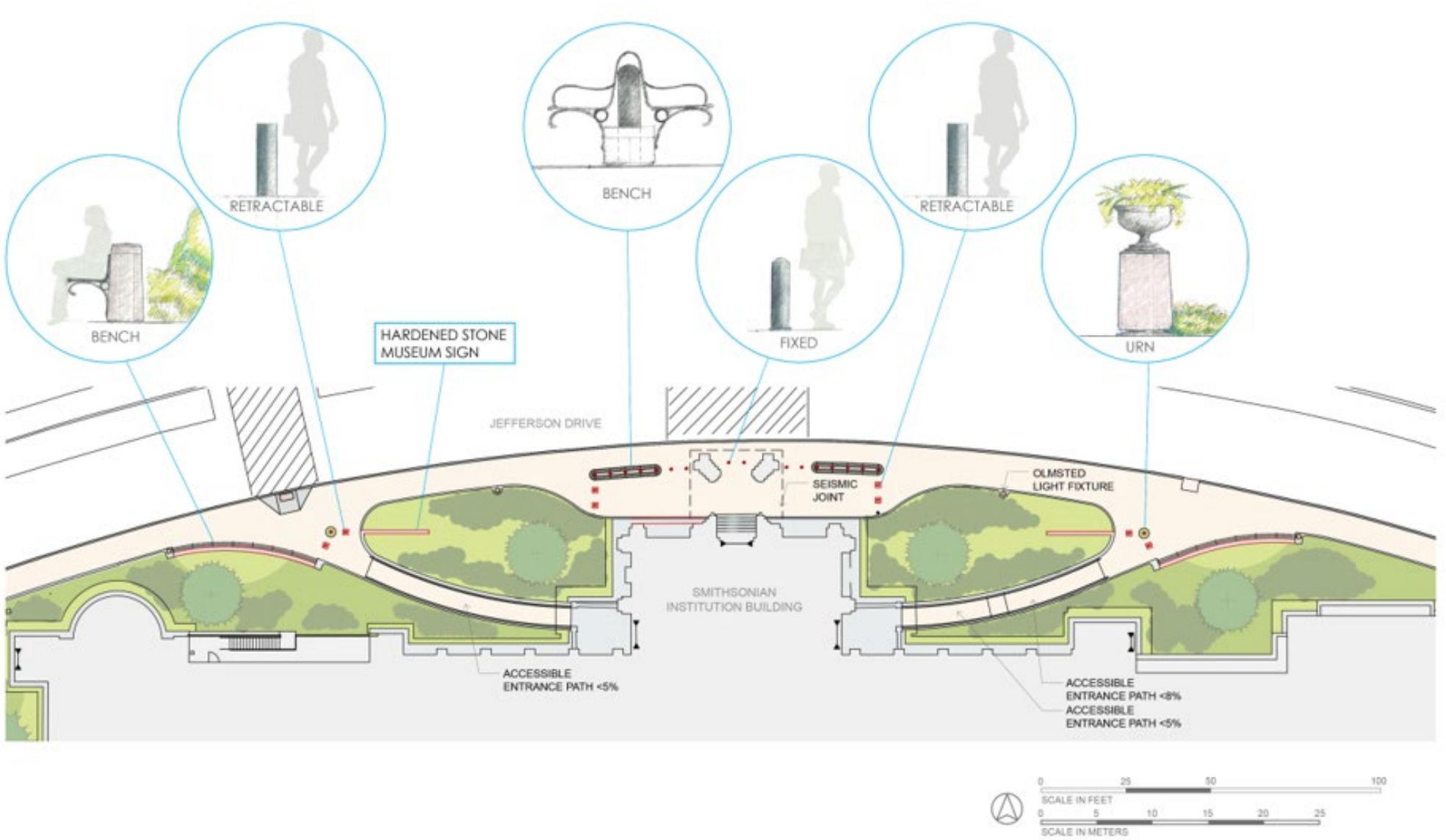


*Curb at lawn to be adjusted for seismic joint

SMITHSONIAN INSTITUTION BUILDING (SIB)

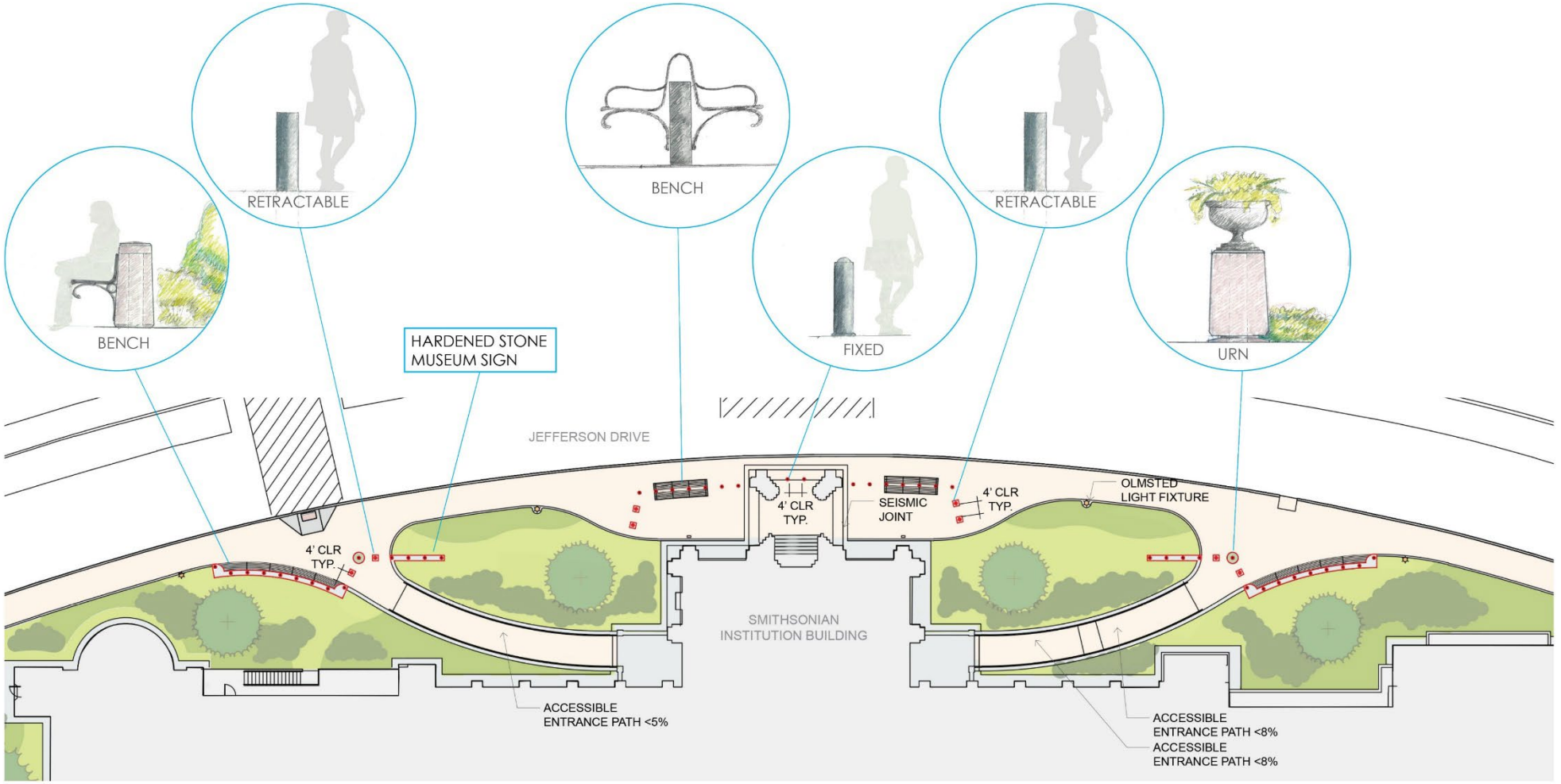
PERIMETER AT JEFFERSON DRIVE

PREVIOUS DESIGN



SMITHSONIAN INSTITUTION BUILDING (SIB)

PERIMETER AT JEFFERSON DRIVE
OPTION 3 - REVISED DESIGN



PROJECT SCHEDULE

RoHC Revitalize Castle - Project Schedule

Milestone	Date
Castle Closes – Staff and Collections Moves Completed	February 2023
Telecommunications Hub Relocation Construction Completed	February 2023
Castle Construction Start	March 2023
Portions of Castle Reopen for 2026 Activities	Spring 2026
Castle Façade and Public Access Area Construction Resumes	Fall 2026

Resolution of Phased Section 106 Consultation

- SI proposes a Programmatic Agreement (PA) to oversee the phased Section 106 consultation of the RoHC Revitalize Castle
- A PA is a type of Section 106 agreement document that may be used in certain instances, such as when a project's effects on historic properties cannot be fully determined prior to approval of the undertaking
- Some Phase 1 and Phase 2 actions are connected, for example:
  - Introduction of New Areaways and Windows Wells (Locations and Dimensions) – Phase 1
  - Areaways and Window Wells, Finishes – Phase 2
- Resolution of Phase 2 consultation will be formalized in a Memorandum of Agreement

General PA Outline:

- Identify minimization measures for Phase 1 actions connected to Phase 2 actions
- Mitigation measures, including measures from South Mall PA
- Assessment of Effects:
  - Final effect determinations for Phase 1
  - Preliminary effect determinations for Phase 2
- Section 106 consultation schedule for Phase 2

Upcoming Section 106 Consultation Meetings

Milestone	Date	Meeting Content *
Consulting Parties Meeting #7 (Continued)	Date TBD • November 15th • November 18th • Please be on the lookout for an email invitation from Carly confirming details	In-person review opportunity at the Castle: • Additional granite samples for the seismic control joint cover plate • Sample section of the seismic control joint assembly • Perimeter security
Consulting Parties Meeting #8	November 30, 2022	• Finalize Phase 1 Assessment determinations • Discuss Programmatic Agreement outline and content
Consulting Parties Review Draft Programmatic Agreement	Start approximately December 20, 2022	• Comments welcome in writing or for discussion at CP Meeting #9
Consulting Parties Meeting #9	January 25, 2023	• Review and finalize Programmatic Agreement
Phase 2 Section 106 Consultation Continues through 2023		

* Subject to Change

RoHC Revitalize Castle – Next Steps

- Phase 1 Final Submission reviewed by the National Capital Planning Commission on March 3, 2023.
- Consultation on this project isn't going to stop. Please stay with us for Phase 2.
- Thank for your support and assistance with this critical project !

- Comments are welcoming in writing anytime to: BondC@si.edu
- Assessment will be posted to the project webpage on October 27th for review and comment.
- Comments welcome on the Assessment in writing to BondC@si.edu or please bring them for discussion at CP meeting 8 on November 30th
- Contact Carly with questions or any trouble with the recurring Zoom Webinar.

Please visit the project webpage:
https://www.sifacilities.si.edu/historic-core

QUESTIONS OR COMMENTS

MODERATOR

Carly Bond, Historic Preservation Specialist, Smithsonian Facilities

PRESENTERS / PANELISTS

Sharon Park, FAIA, Assoc. Director of Historic Preservation, Smithsonian Facilities
Brenda Sanchez, FAIA, Sr. Design Manager, Smithsonian Facilities
Christopher Lethbridge, Architect/Program Manager, Smithsonian Facilities
Lauren Brandes, RLA, ASLA, Smithsonian Gardens
Matthew Chalifoux, FAIA, Sr. Historic Preservation Architect, EYP-Loring, LLC
Anthony Bochicchio, AIA, Project Manager, EYP-Loring, LLC
Faye Harwell, FASLA, Landscape Architect, RHI (Rhodeside and Harwell)

Smithsonian Institution