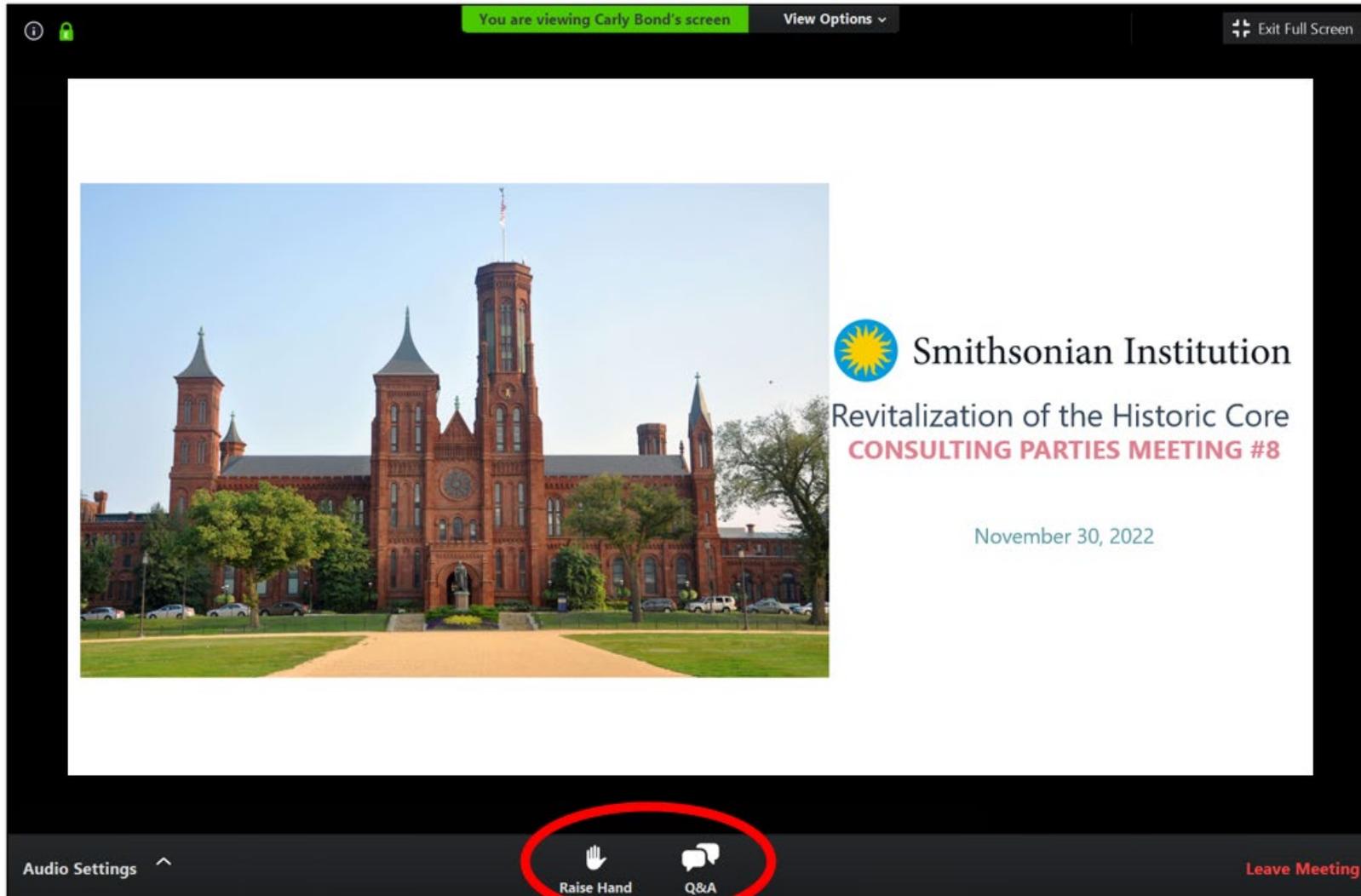


Welcome!

The meeting will begin momentarily.



The image shows a Zoom webinar interface. At the top, there is a green status bar that says "You are viewing Carly Bond's screen" and a "View Options" dropdown menu. On the right side of the top bar, there is an "Exit Full Screen" button. The main content area displays a slide with a photograph of the Smithsonian Institution building on the left. To the right of the photo, the text reads: "Smithsonian Institution" with the logo, "Revitalization of the Historic Core", and "CONSULTING PARTIES MEETING #8" in red. Below this, the date "November 30, 2022" is shown. At the bottom of the interface, there is a dark bar with "Audio Settings" on the left, a "Leave Meeting" button on the right, and two icons in the center: "Raise Hand" and "Q&A". These two icons are circled in red.

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 #8

November 30, 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 Revitalize Castle Phased Consultation**
- **November 15th Consulting Parties Site Visit Recap**
- **Review Assessment of Effects Report**
 - **Phase 1 Determinations**
 - **Preliminary Phase 2 Determinations**
- **Other Review Topics**
 - **South Tower Elevator Penthouses + Louvered Penthouse**
 - **Dual Egress for the Southwest Areaway**
- **Next Steps**

How to Use Zoom Webinar:

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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
- Programmatic Agreement oversees both 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

- Areaways and Window Wells Finishes and Railings
- Seismic Control Joint Cover Plate Finishes
- South Tower Elevator
- South Tower Elevator Interior Effects
- Emergency Generator
- Landscape
- Perimeter Security
- Lighting
- Roof Replacement
- Roof Modifications – Energy Improvements
- Rooftop Mechanical Vents
- East Wing – 4th Floor Egress
- Windows
- Windows Interior Effects
- Basement Level Interior Alterations
- Exterior Masonry Restoration (Including Plan B)
- New Basement Windows
- Basement Egress Doors
- Egress Doors Interior Effects
- South Entrance – Accessibility
- North Entrance - Accessibility
- Cumulative Effects



CONSULTING PARTIES SITE VISIT

NOVEMBER 15, 2022

SMITHSONIAN INSTITUTION BUILDING (SIB)

CONSULTING PARTIES SITE VISIT
NOVEMBER 15, 2022



GRANITE SAMPLES
L to R:
VIRGINIA MIST
OLYMPIC BLACK
ACADEMY BLACK



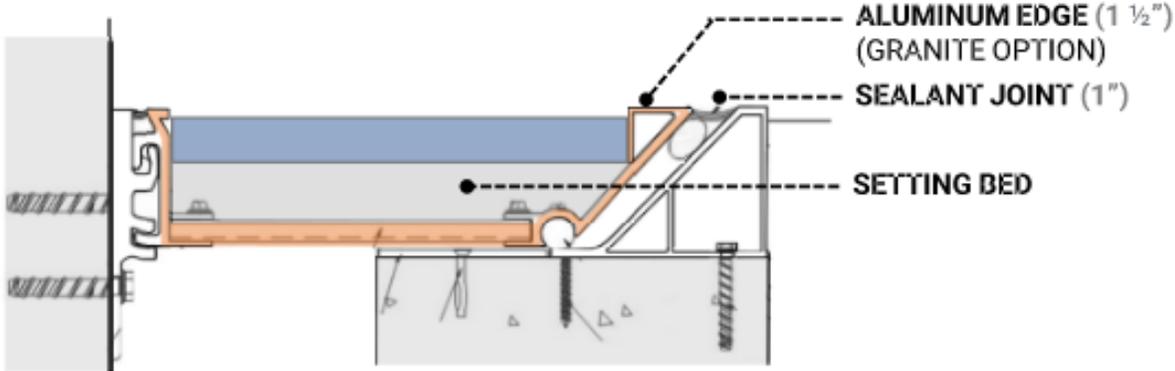
SMITHSONIAN INSTITUTION BUILDING (SIB)

SEISMIC CONTROL



ALUMINUM EDGE (1 1/2")
(GRANITE OPTION)

SEALANT JOINT (1")



METAL FINISH POWDER COAT



SPF105-G8 9001 Cream SD	SPF708-G8 9002 Grey White SD	SPF711-G8 9003 Signal White SD	PF38-G8R 9010 White	SPF711-G8R 9016 Traffic White SD
SPF023-T7 9016 White Text SD	PF002-G2 / SPF078-G2 9016 White LG	SPF203-G8 7000 Squirrel Grey SD	SPF2050-G8 7001 Silver Grey SD	SPF235-G8 7004 Signal Grey SD
SPF2051-G8 7005 Mouse Grey SD	SPF259-G8 7006 Beige Grey SD	SPF260-G8 7010 Tarpon/Jin Grey SD	SPF263-G8 7011 Iron Grey SD	SPF236-G8 7012 Basilic Grey SD
SPF2047-G8 7016 Stone Grey SD	SPF261-G8 7016 Antracite Grey SD	SPF263-G8 7021 Black Grey SD	SPF219-G8 7022 Umbral Grey SD	SPF261-G8 7024 Graphite Grey SD
SPF237-G8 7030 Stone Grey SD	SPF238-G8 7032 Pebble Grey SD	SPF223-G8 7035 Lt Grey SD	SPF289-T7 7035 Lt Grey Text SD	SPF240-G2 7035 Lt Grey Satin SD
SPF262-G8 7037 Dusty Grey SD	SPF2142-G8 7038 Agate Grey SD	SPF217-G8 7039 Quartz Grey SD	SPF264-G8 7040 Window Grey SD	SPF2097-G8 7042 Traffic Grey A SD
SPF239-G8 7043 Traffic Grey B SD	SPF2010-G8 7044 Silk Grey SD	SPF240-G8 7045 Telegrey 1 SD	SPF265-G8 7046 Telegrey 2 SD	SPF265-G8 7047 Telegrey 4 SD
SPF819-G8 8017 Chocolate Brown SD	SPF820-G8 8019 Grey Brown SD	SPF844-G9 8022 Black Brown SD	SPF821-G9 8024 Beige Brown SD	SPF821-G8 8028 Terra Brown SD

COMMENT SUMMARY | COVER PLATE

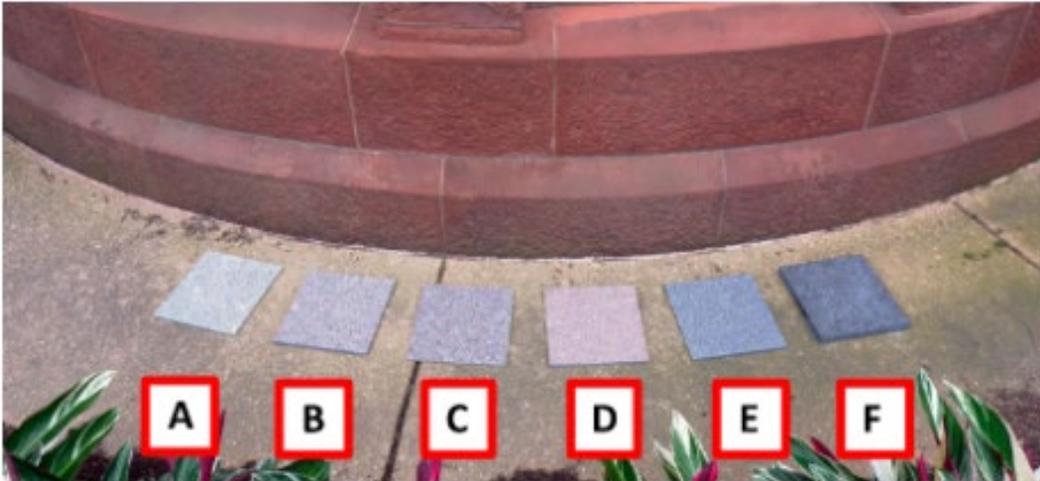
- Consensus that not adding the granite edge strip in front of the cover plate was better- "The smaller the insertion the better."
- Consensus that of the three gray range granite samples that "Virginia Mist" was the preferred option
- Concerns about the added width of the metal strip to provide a square edge for the granite insert

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



Six Granite Alternatives Available for Consideration at Each Viewing Location

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

In-Person Review of Material Samples on November 15, 2022

- Comments from Consulting Parties preferred Virginia Mist



Left to Right:
VIRGINIA MIST
OLYMPIC BLACK
ACADEMY BLACK

SMITHSONIAN INSTITUTION BUILDING (SIB)

PERIMETER SECURITY ELEMENTS – ON SITE MOCKUP

SEPTEMBER 7, 2022



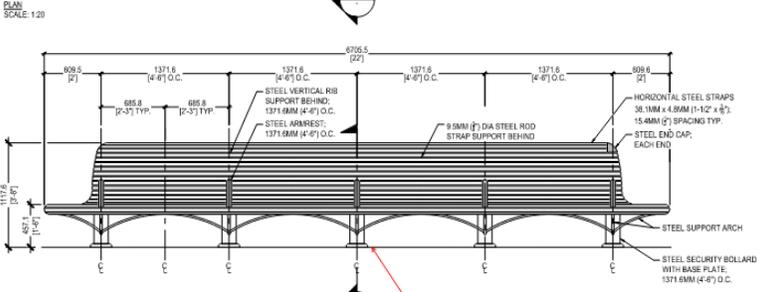
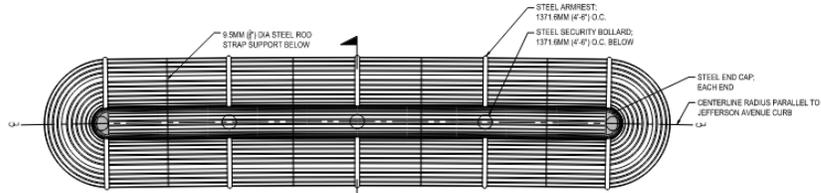
Conceptual bollard configuration inside porte-cochere



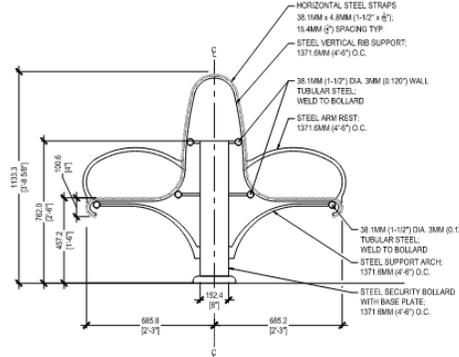
Conceptual bollard configuration at west side of porte-cochere with hardened bench massing taped-out on pavement

SMITHSONIAN INSTITUTION BUILDING (SIB)

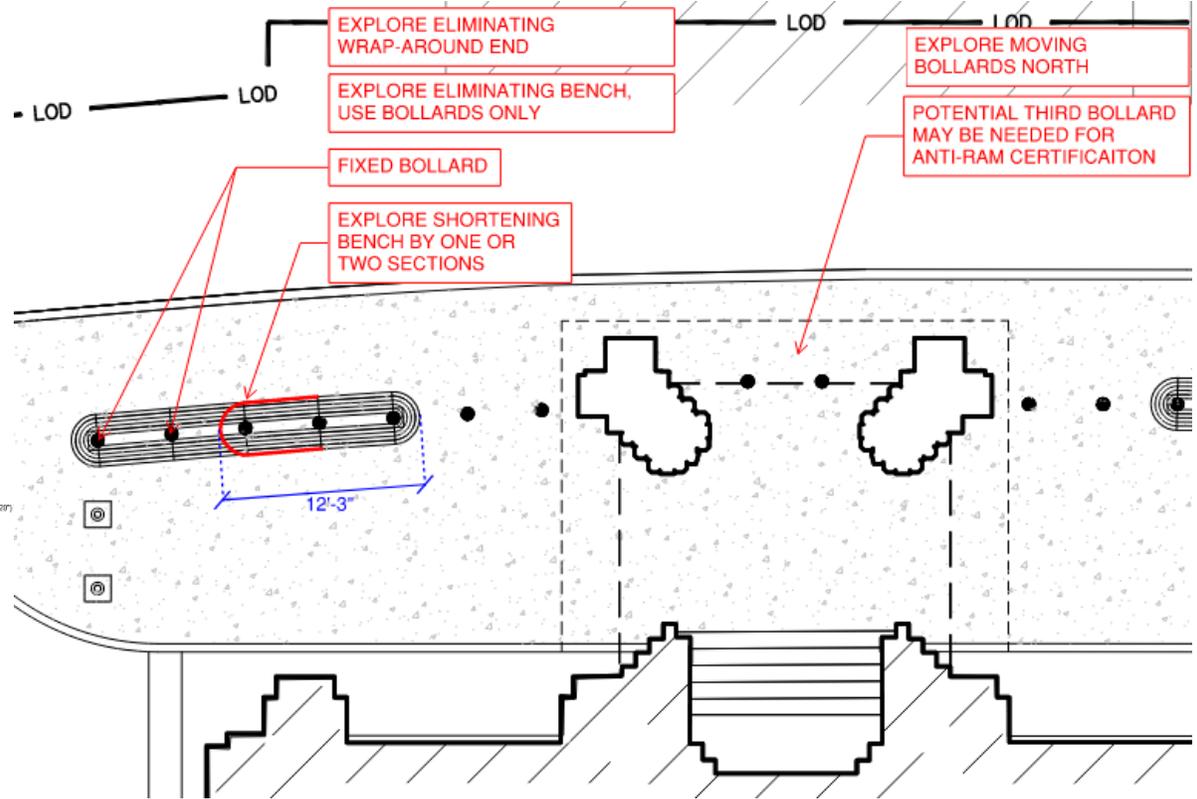
PERIMETER SECURITY ELEMENTS
 COMMENTS FROM CONSULTING PARTIES
 SEPTEMBER 7, 2022



EXPLORE BENCH DESIGN WITHOUT A STONE BASE



ELEVATION SCALE: 1/10

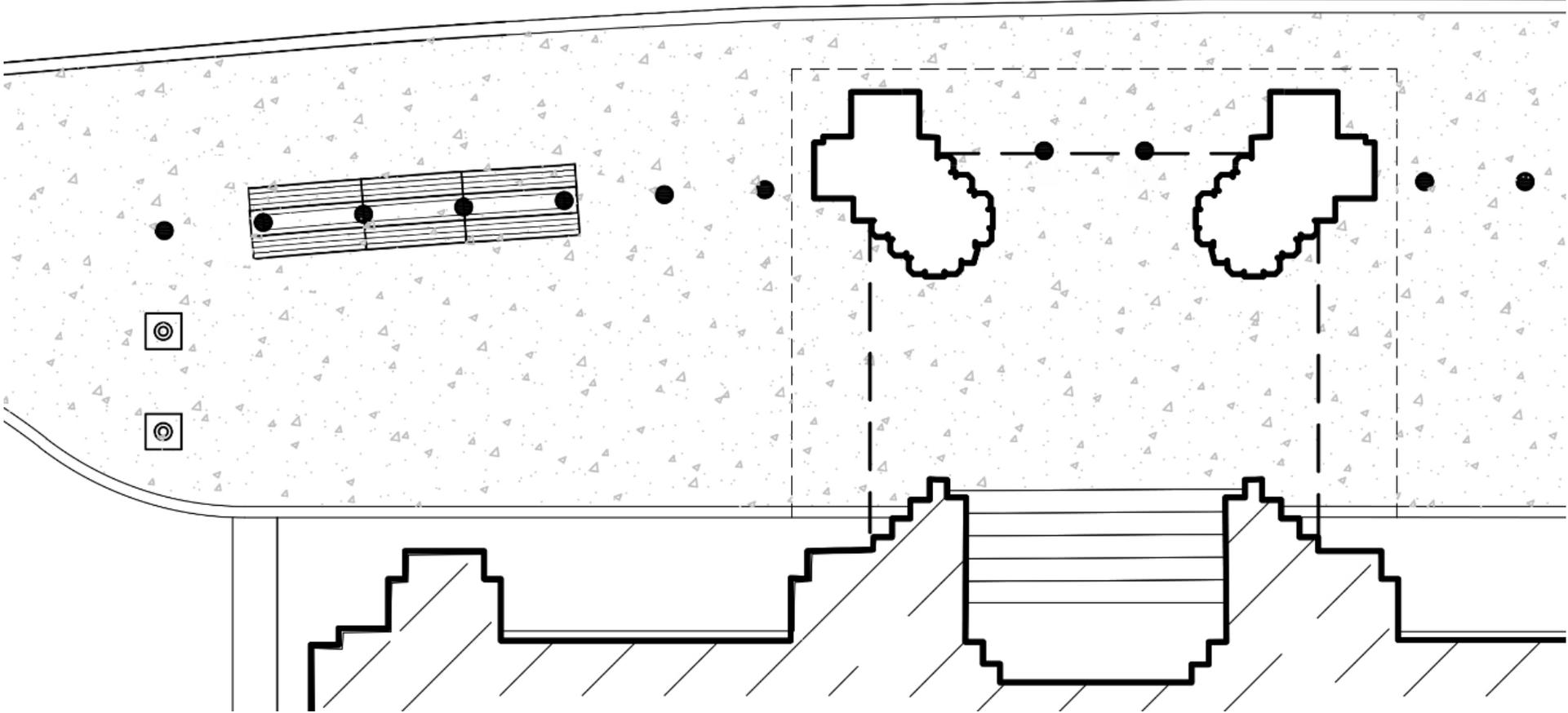


SMITHSONIAN INSTITUTION BUILDING (SIB)

NO WRAP-AROUND END, SHORTENED BENCH

REVIEWED AT CONSULTING PARTIES MEETING 7

ON-SITE MOCK-UP NOVEMBER 15, 2022



*Curb at lawn to be adjusted for seismic joint

SMITHSONIAN INSTITUTION BUILDING (SIB)

CONSULTING PARTIES SITE VISIT
NOVEMBER 15, 2022



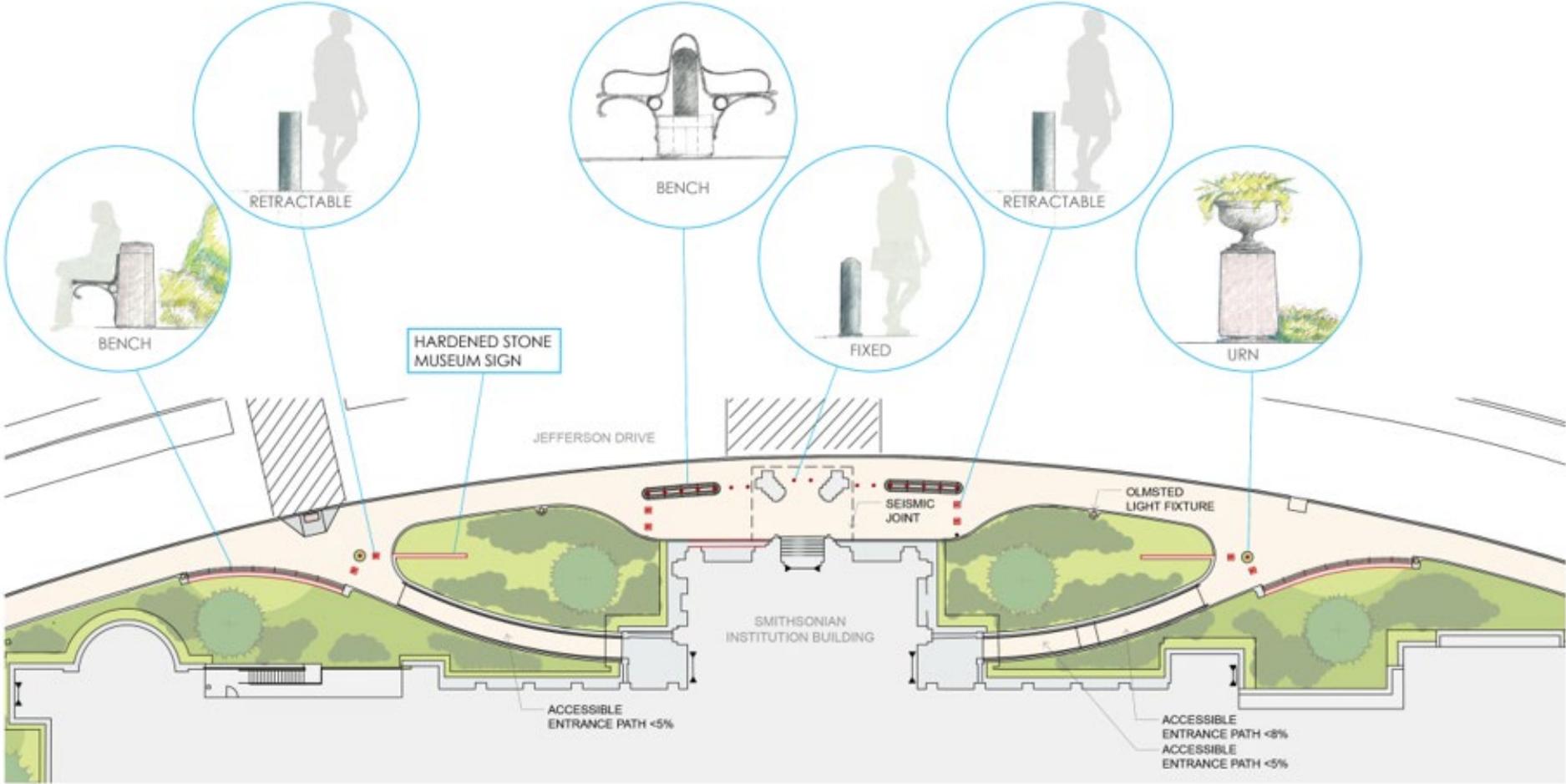
COMMENT SUMMARY | NORTH ENTRY

- Shortening the freestanding benches flanking the porte cochere to engage four bollards is preferred.
- Changing the end of the benches to a square end as opposed to rounded is preferred.
- Support the approach of adding a decorative end panel to the benches.
- As the bench is detailed further study of the height of the back is anticipated.
- Support the adjusted lengths of the benches to the east and west at the entry to the sloped sidewalks/ramps to the North Tower.

SMITHSONIAN INSTITUTION BUILDING (SIB)

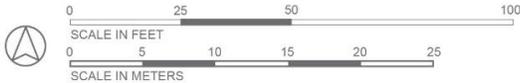
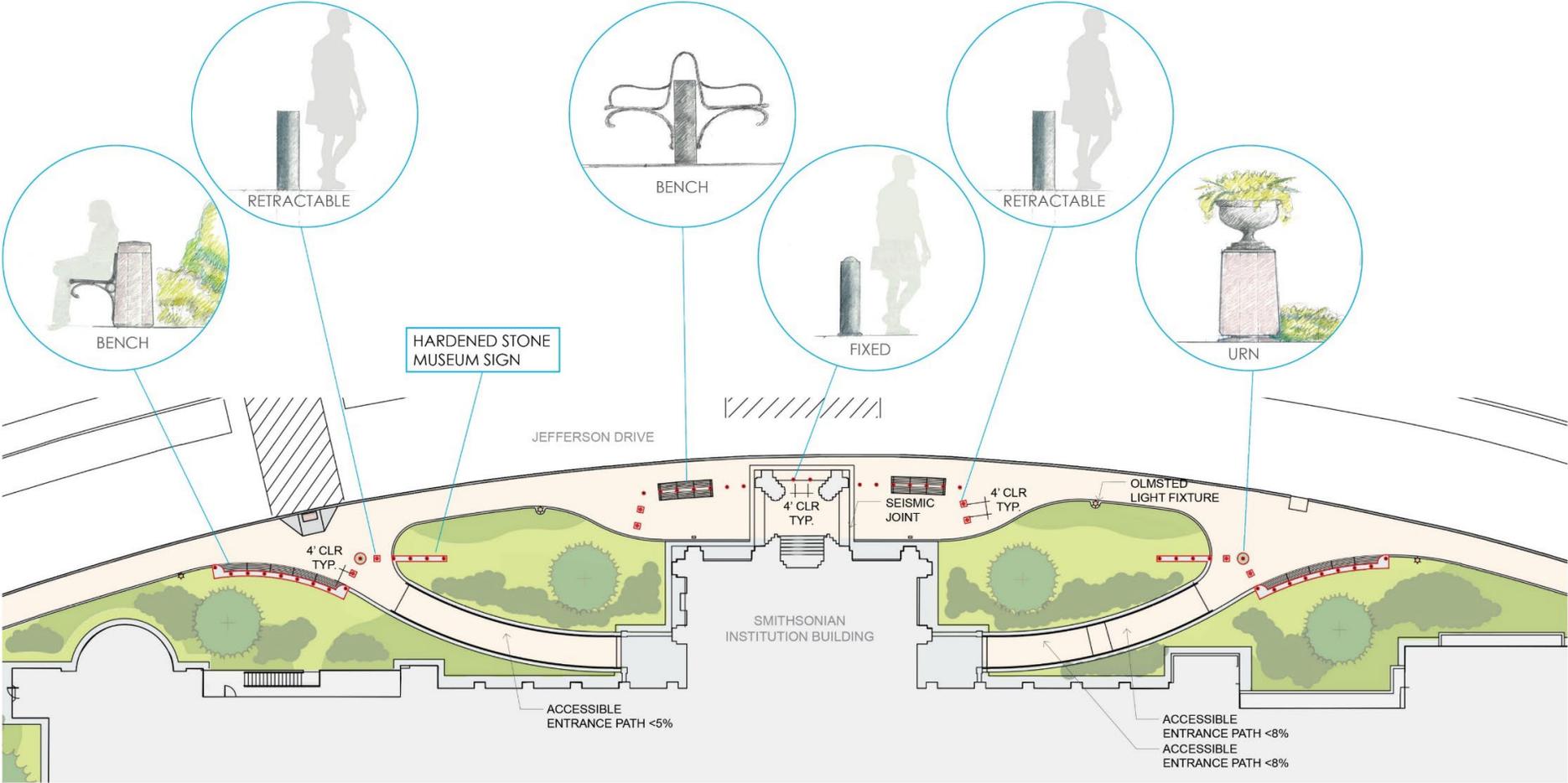
PERIMETER AT JEFFERSON DRIVE

PREVIOUS DESIGN - CONSULTING PARTIES SITE VISIT
SEPTEMBER 7, 2022



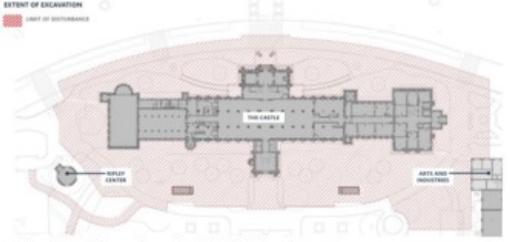
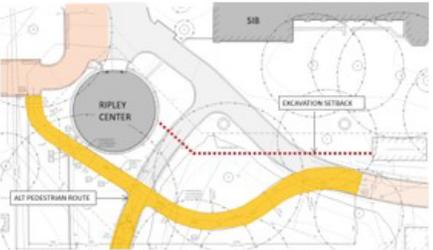
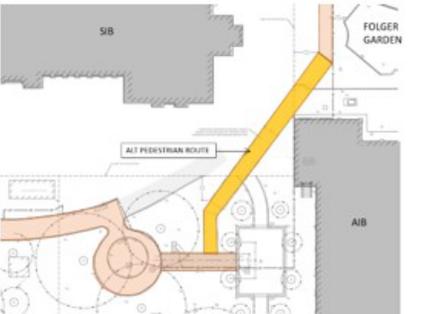
SMITHSONIAN INSTITUTION BUILDING (SIB)

PERIMETER AT JEFFERSON DRIVE
REVISED DESIGN - CONSULTING PARTIES MEETING 7
OCTOBER 26, 2022



ASSESSMENT OF EFFECTS REPORT PHASE 1 CONSULTATION

Assessment of Effects on Historic Resources

RoHC Revitalize Castle Assessment of Effects on Historic Resources Site - Smithsonian Institution Building	
October 2022	
Feature/Action	Design Details
Alternate Pedestrian Routes  <p>Red hatch line shows the project Limit of Disturbance.</p>	<ul style="list-style-type: none"> - 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
 <p>Alternative pedestrian route around Ripley Pavilion.</p>  <p>Alternative pedestrian route around the Castle's east side.</p>	<ul style="list-style-type: none"> - 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 is available on the project webpage:
- <https://www.sifacilities.si.edu/historic-core>
- Phase 2 effect determinations are preliminary based on the current level of design development.
- Assessment of Effects report will be updated in consultation to finalize Phase 2 effect determinations
- Discussion topic today is to finalize the Phase 1 effect determinations for the project schedule and development of the Programmatic Agreement

SMITHSONIAN INSTITUTION BUILDING (SIB)

INTERIOR CHARACTER DEFINING FEATURES

- CHARACTER DEFINING INTERIOR FEATURES ADDED TO THE AOE REPORT
- CERTAIN INTERIOR ACTIONS CONNECTED TO EXTERIOR CHANGES ARE INCLUDED IN SECTION 106 CONSULTATION

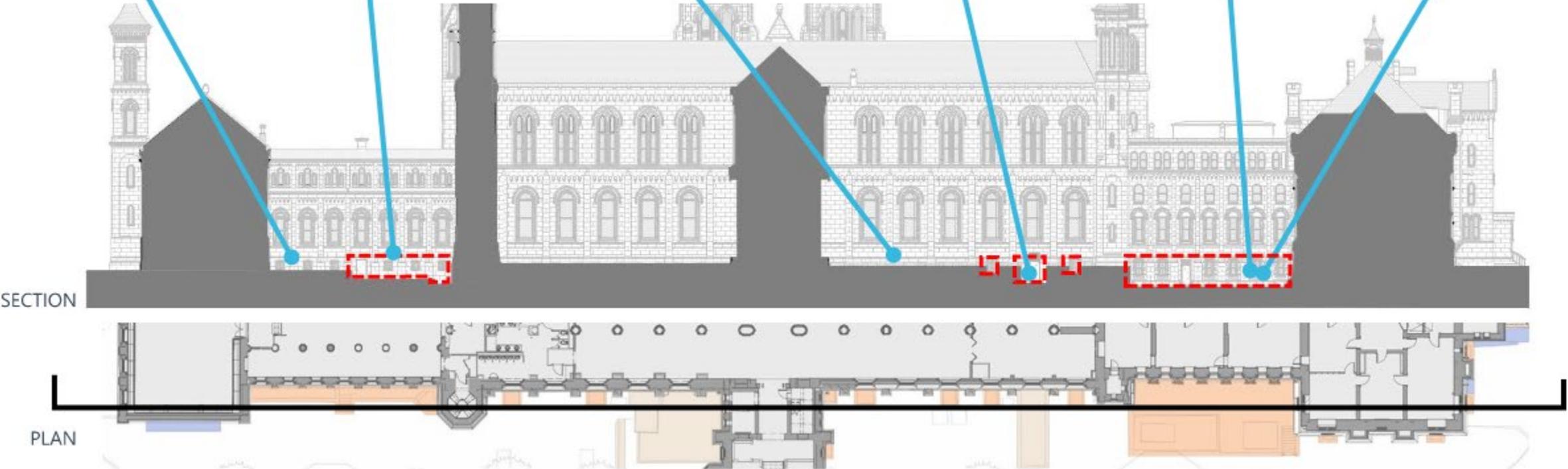
CHARACTER DEFINING FEATURE	NOTES
Great Hall (Lower Main Hall) Interior	<ul style="list-style-type: none"> - Space is truncated by c. 1940 end walls. Full length mezzanine was removed in 1914. - Ornamental plaster and flat plaster walls scored to represent stone coursing. Plaster column bases were replaced with granite in 1989. - Terrazzo flooring sections from 1889 remain.
Upper Great Hall (Upper Main Hall) Interior	<ul style="list-style-type: none"> - Spatial proportions are obscured with infill construction c. 1968. - Ornamental plaster window surrounds are the only surviving historic features.
Basement Interior	<ul style="list-style-type: none"> - Utilitarian spaces with masonry floors and walls. Brick groin vaults supporting the first floor above are exposed. - Renwick era masonry partitions are distinguished by semi-circular brick arched door openings. Later door openings have segmental arch headers. - Modern conduit and mechanical pipes obscure the groin vaults and diminish the character of the space.
South Tower Interior	<ul style="list-style-type: none"> - Children’s Room at the first floor c. 1901. Mosaic tile floor, decorative finishes, and figurative ceiling treatment were restored in 1989. Non-historic platform and accessible lift occupy half of the space. - Apparatus Room at the second floor c. 1900. Modifications in 1968 converted this room to mechanical space. Portions of the decorative mosaic tile floor remain. - Regents’ Room at the third floor features ornamental and flat plaster, and decorative mosaic tile flooring in the outer vestibule.

INTRODUCTION OF NEW AREAWAYS AND WINDOW WELLS

Adverse Effect

SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH AREAWAYS | EXISTING CHARACTER

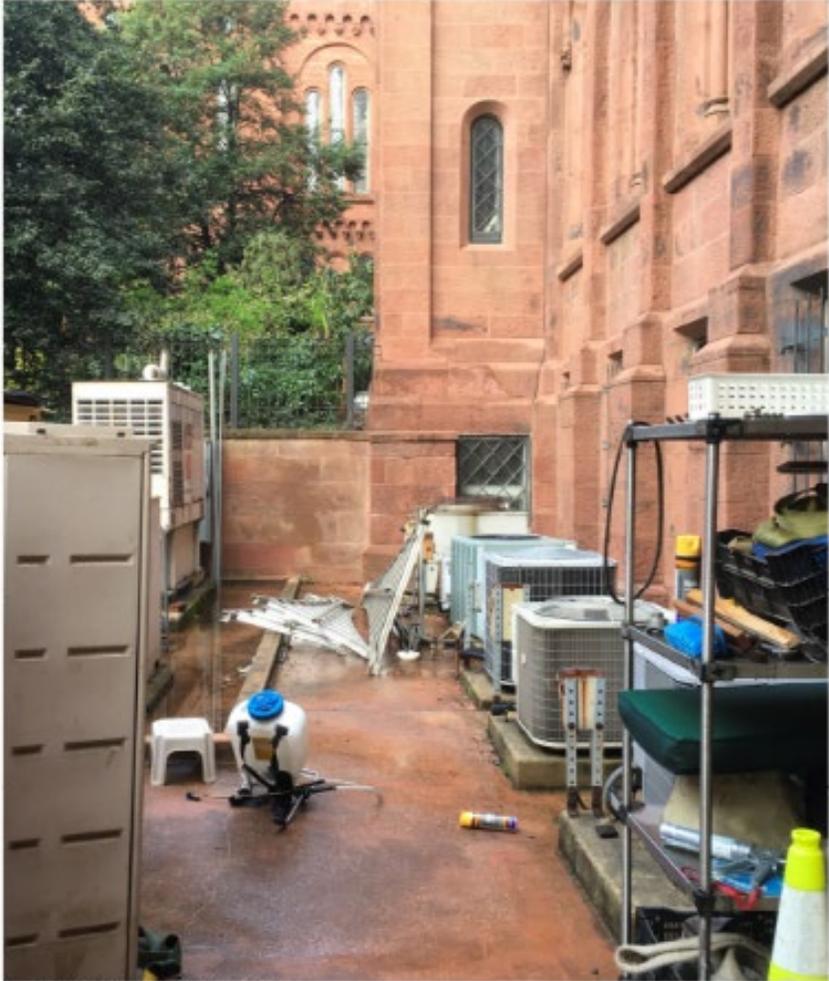


SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH AREAWAYS | EXISTING CHARACTER



SOUTHWEST AREAWAY



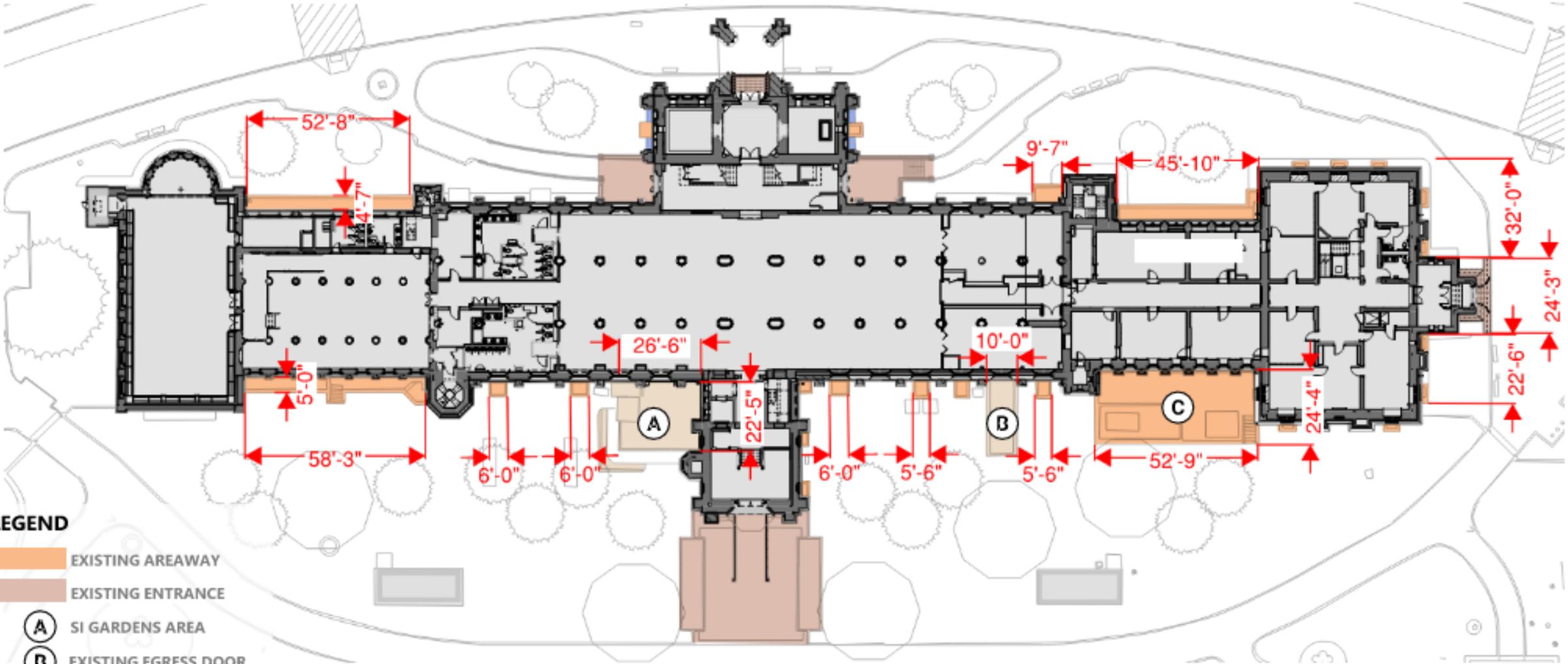
SOUTHEAST AREAWAY



SOUTHEAST AREAWAY

SMITHSONIAN INSTITUTION BUILDING (SIB)

EXISTING AREAWAYS AND WINDOW WELLS



LEGEND

 EXISTING AREAWAY

 EXISTING ENTRANCE

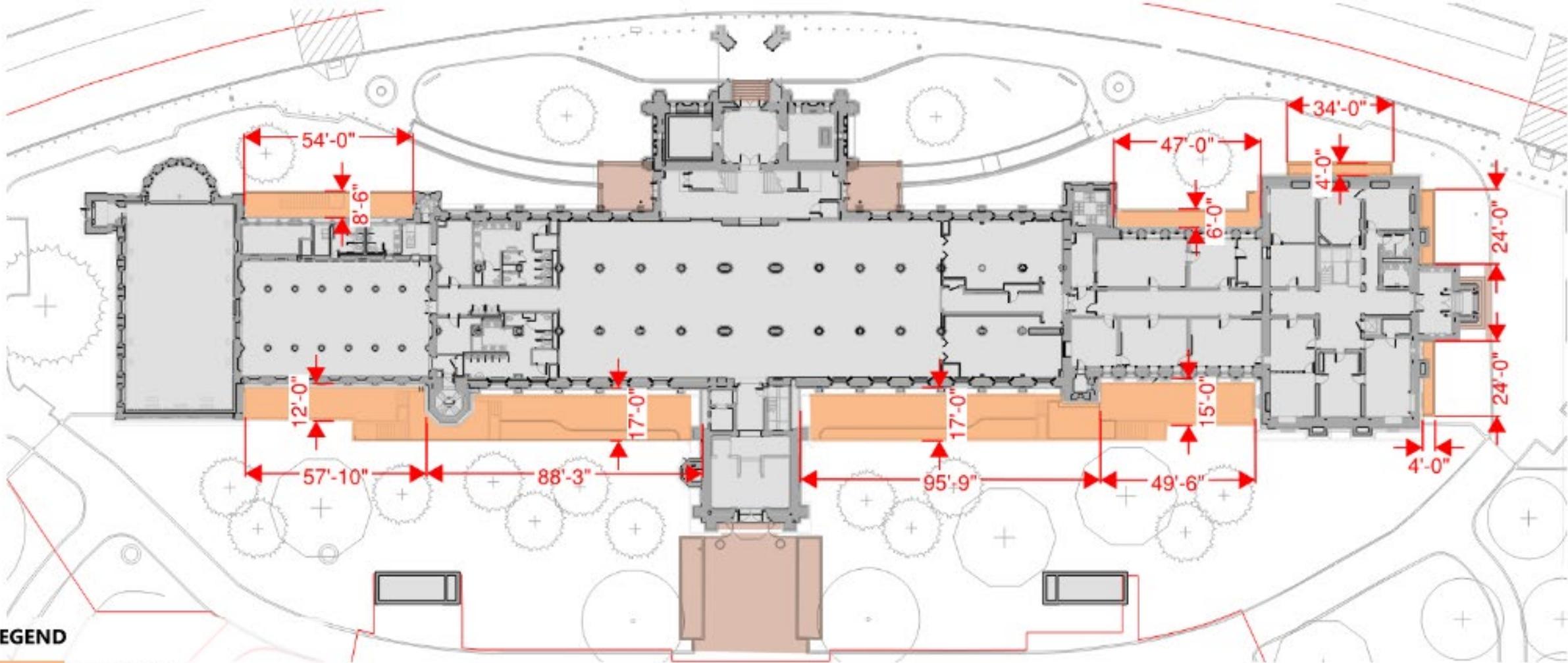
 SI GARDENS AREA

 EXISTING EGRESS DOOR

 MECHANICAL AREA

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED AREAWAYS AND WINDOW WELLS

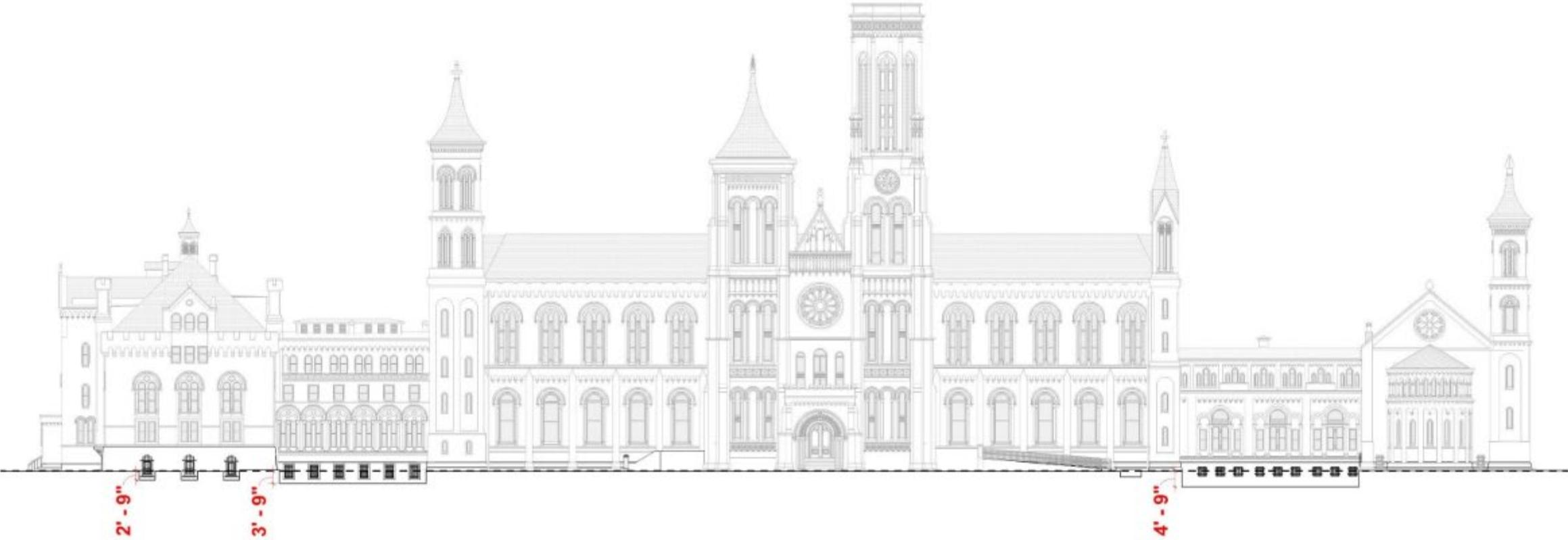


LEGEND

- NEW AREAWAY
- MODIFIED EXISTING ENTRANCE

SMITHSONIAN INSTITUTION BUILDING (SIB)

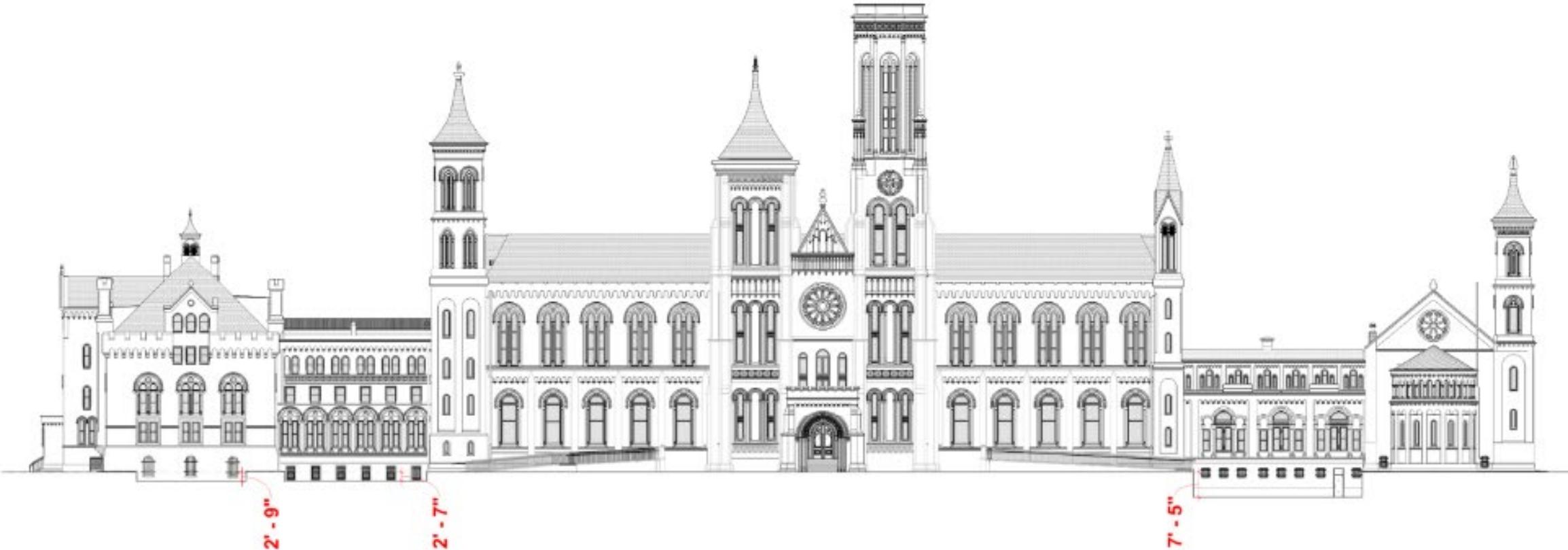
OVERALL EXISTING ELEVATION (NORTH)



EXISTING ELEVATION | NORTH

SMITHSONIAN INSTITUTION BUILDING (SIB)

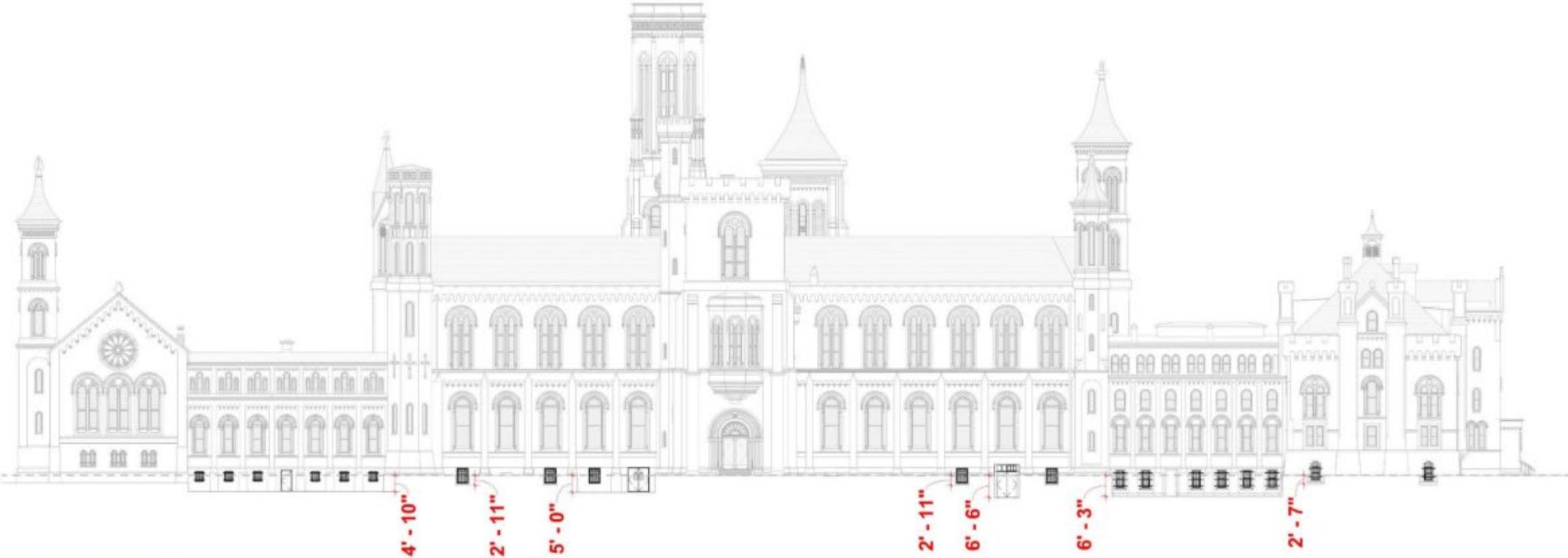
OVERALL PROPOSED ELEVATION (NORTH)



PROPOSED ELEVATION | NORTH

SMITHSONIAN INSTITUTION BUILDING (SIB)

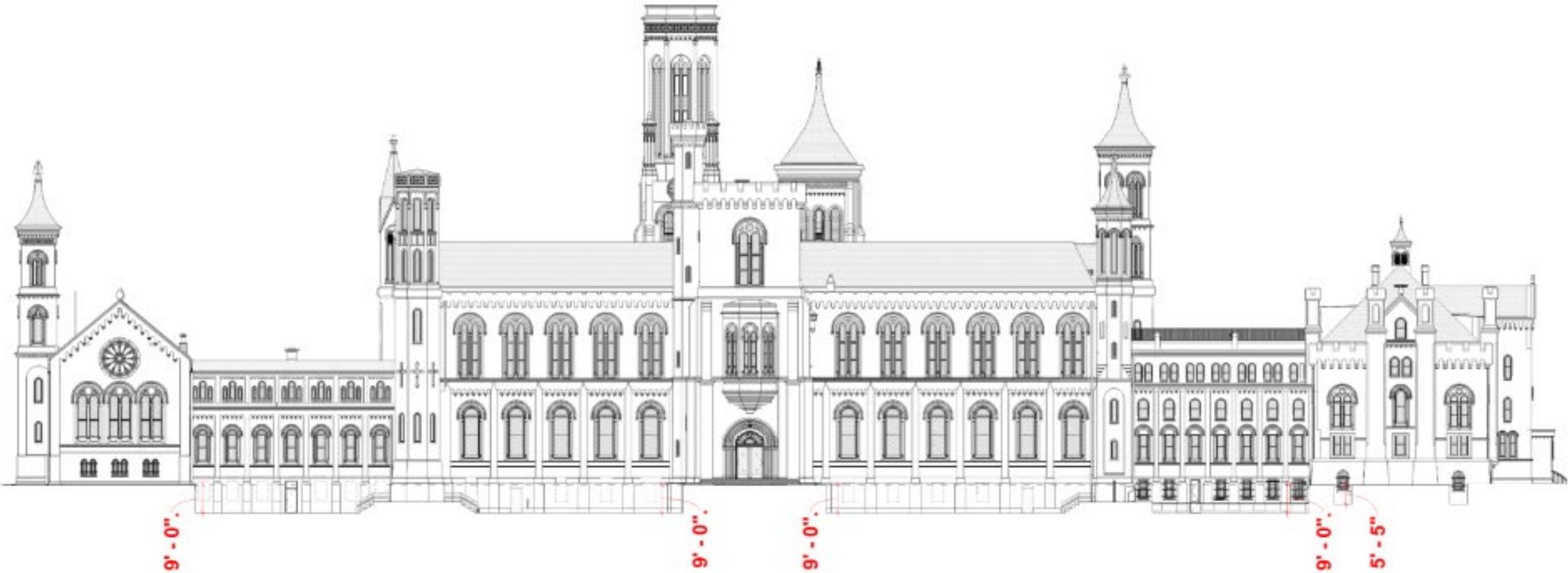
OVERALL EXISTING ELEVATION (SOUTH)



EXISTING ELEVATION | SOUTH

SMITHSONIAN INSTITUTION BUILDING (SIB)

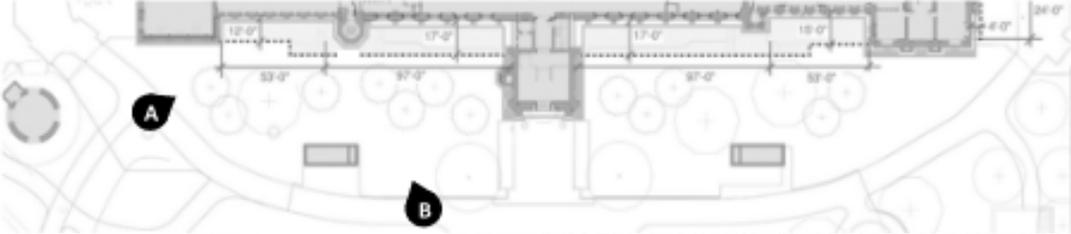
OVERALL PROPOSED ELEVATION (SOUTH)



PROPOSED ELEVATION | SOUTH

SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH LANDSCAPE | EXISTING CHARACTER



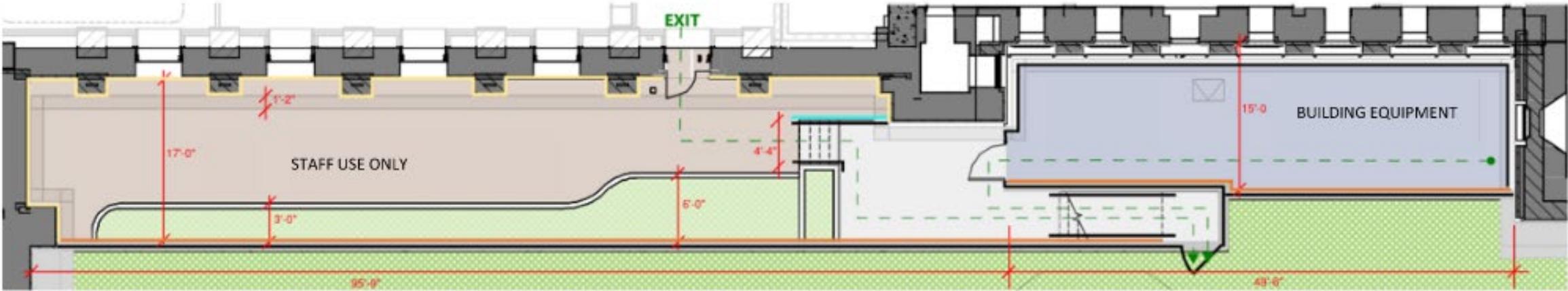
A. SOUTH LANDSCAPE LOOKING NORTHEAST



B. SOUTH LANDSCAPE LOOKING NORTHWEST

SMITHSONIAN INSTITUTION BUILDING (SIB)

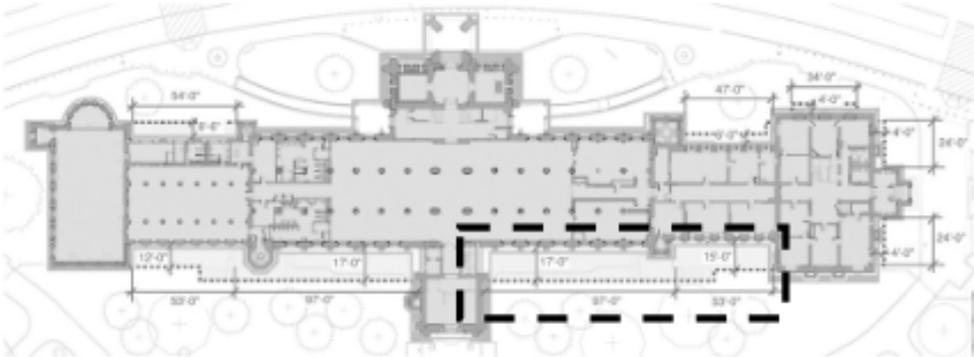
SOUTHEAST AREAWAY LAYOUT



PARTIAL PLAN | SOUTHEAST AREAWAY

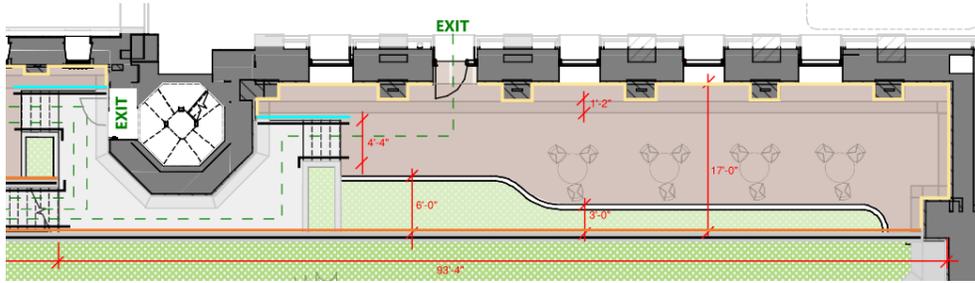
LEGEND

- HISTORIC SENECA SANDSTONE
- GRANITE 1(CAPSTONE + JOINT COVER AT GRADE)
- GRANITE 2(STAIR, STAIR LANDING, PLANTER)
- PAVER ON PEDESTAL
- METAL GRATE ON DUNNAGE + ACCESS HATCH
- PARGED CONCRETE WALL
- FINISHED CONCRETE(CURVED PLANTER)
- FORMLINER CONCRETE WALL
- METAL HANDRAIL/GUARDRAIL
- GLASS GUARDRAIL



SMITHSONIAN INSTITUTION BUILDING (SIB)

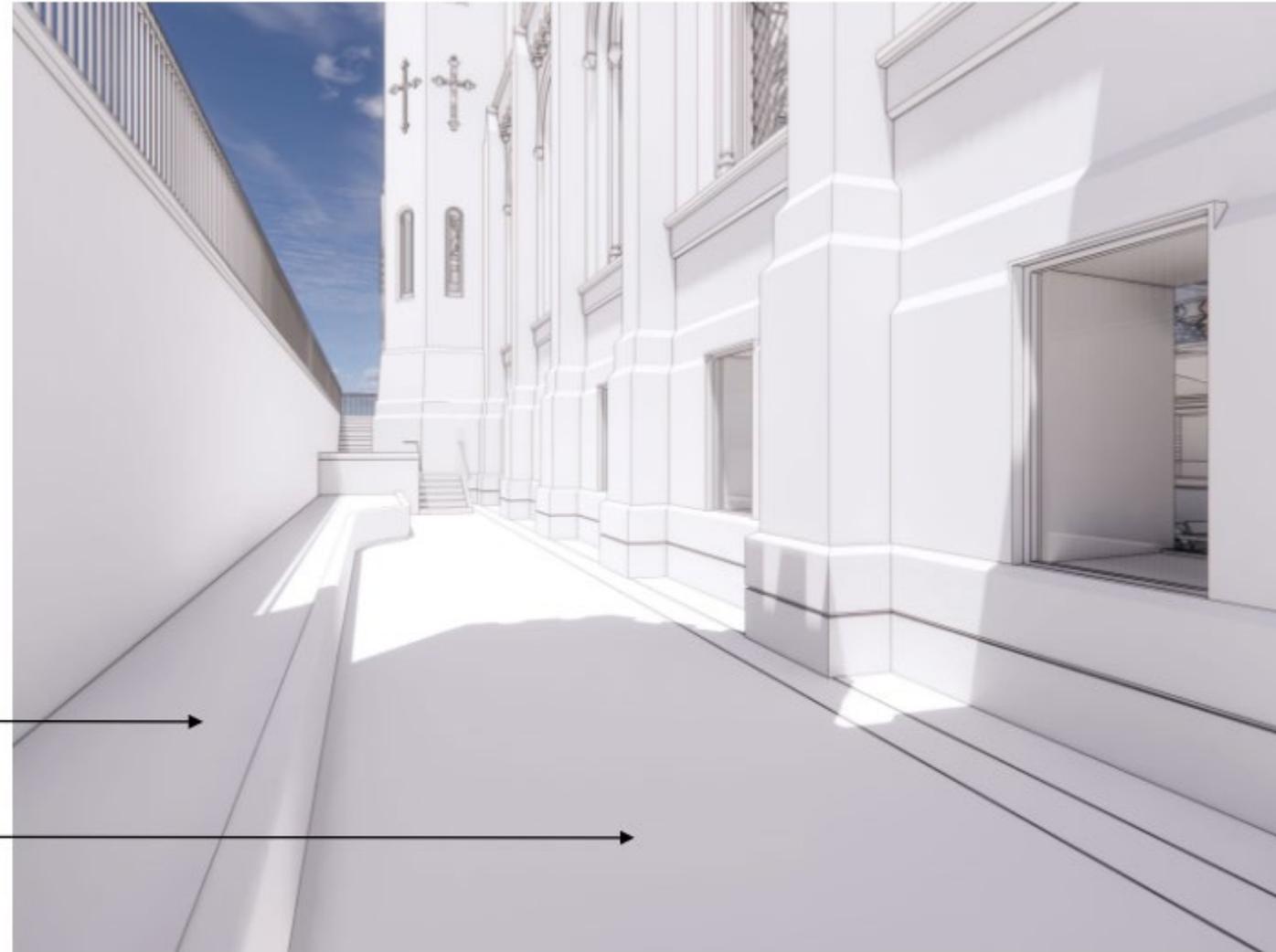
SOUTHWEST AREAWAY CONCEPTUAL MASSING



- Proposed below-grade areaways and window wells alter the Castle's relationship with the ground plane.
- Areaways will expose new portions of the foundations, with options for surface treatments and materials to minimize adverse effect, pending mock-ups and design development in Phase 2 of 106 consultation.

PLANTER

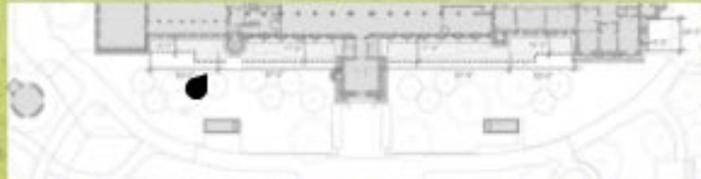
SEATING AREA



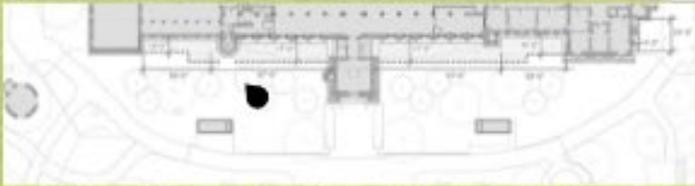
SOUTHWEST AREAWAY – CONCEPTUAL MASSING

SOUTHWEST AREAWAY | SINGLE EGRESS

VIEW FROM LANDSCAPE

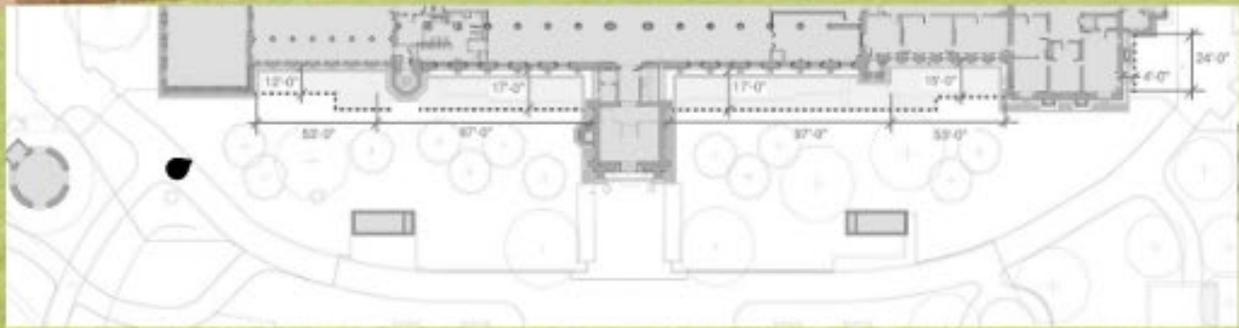


SOUTHWEST AREAWAY | SINGLE EGRESS
VIEW FROM LANDSCAPE

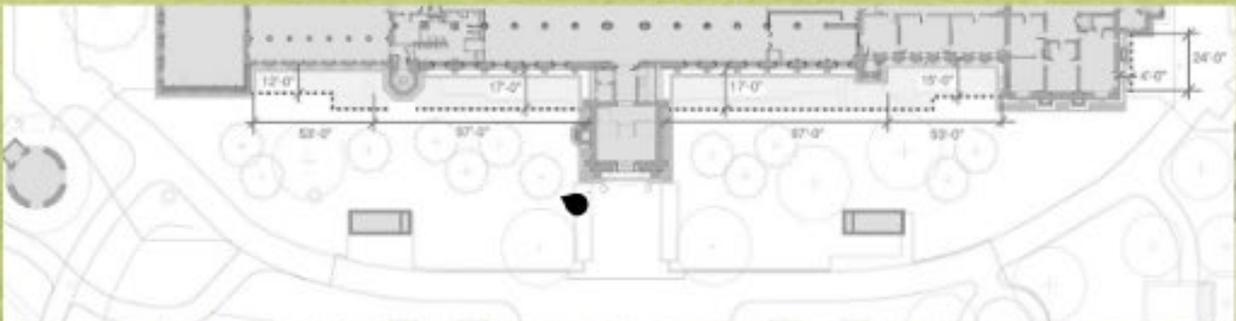


SOUTHWEST AREAWAY | SINGLE EGRESS

VIEW FROM PUBLIC PATH

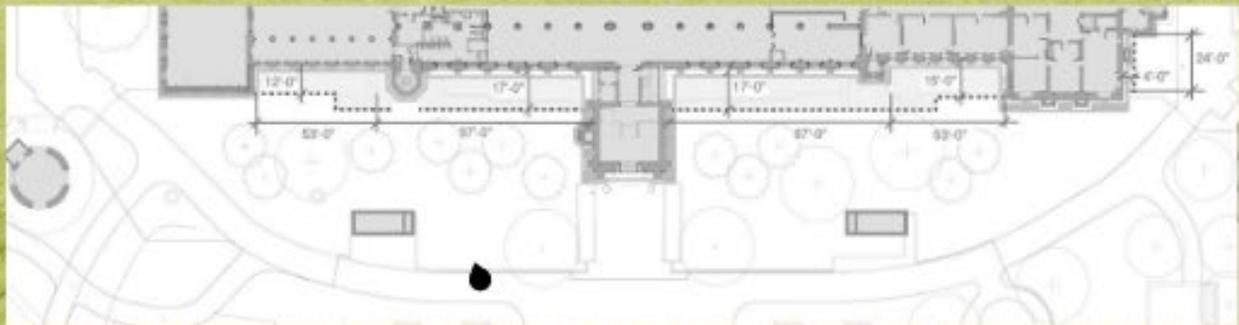


SOUTHWEST AREAWAY | SINGLE EGRESS
VIEW FROM PUBLIC PATH



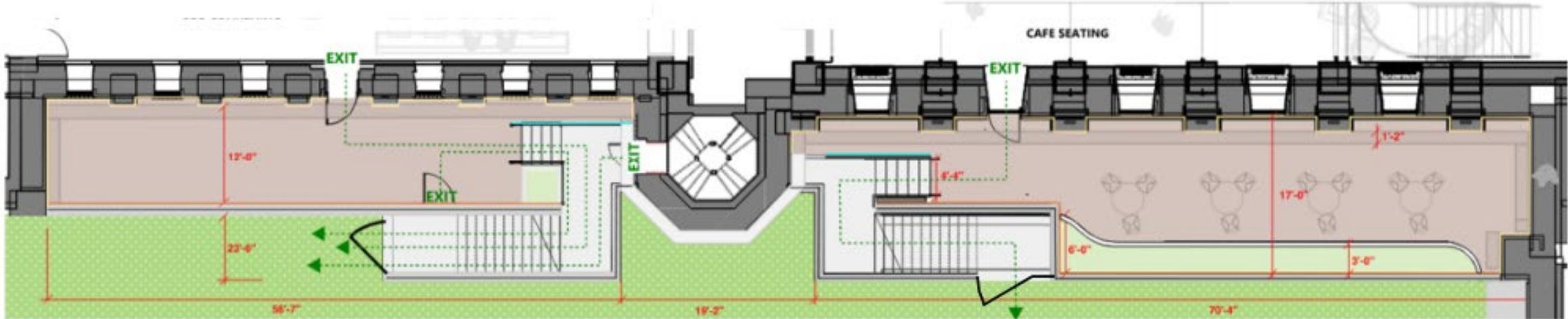
SOUTHWEST AREAWAY | SINGLE EGRESS

VIEW FROM PUBLIC PATH



SMITHSONIAN INSTITUTION BUILDING (SIB)

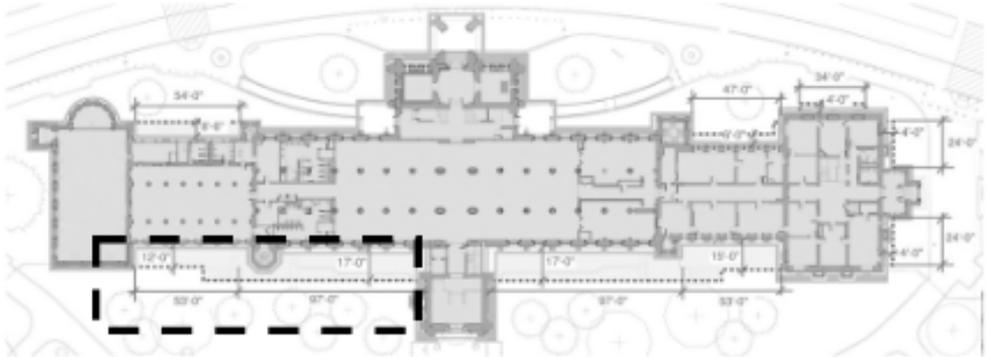
SOUTHWEST AREAWAY LAYOUT (ALTERNATIVE WITH DUAL EGRESS)



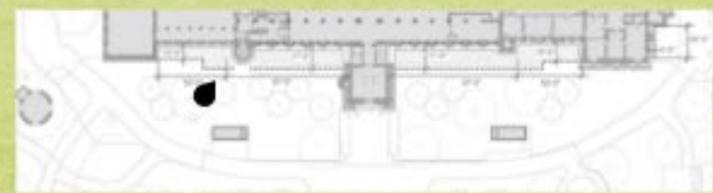
PARTIAL PLAN | SOUTHWEST AREAWAY (ALTERNATIVE)

LEGEND

- HISTORIC SENECA SANDSTONE
- GRANITE 1(CAPSTONE + JOINT COVER AT GRADE)
- GRANITE 2(STAIR, STAIR LANDING, PLANTER)
- PAVER ON PEDESTAL
- METAL GRATE ON DUNNAGE + ACCESS HATCH
- PARGED CONCRETE WALL
- FINISHED CONCRETE(CURVED PLANTER)
- FORMLINER CONCRETE WALL
- METAL HANDRAIL/GUARDRAIL
- GLASS GUARDRAIL

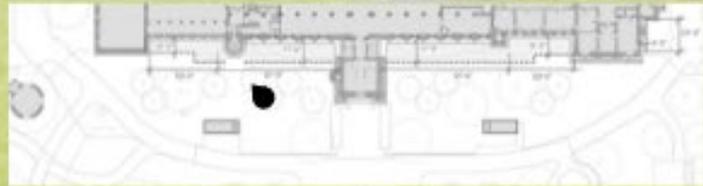


SOUTHWEST AREAWAY | DUAL EGRESS
VIEW FROM LANDSCAPE



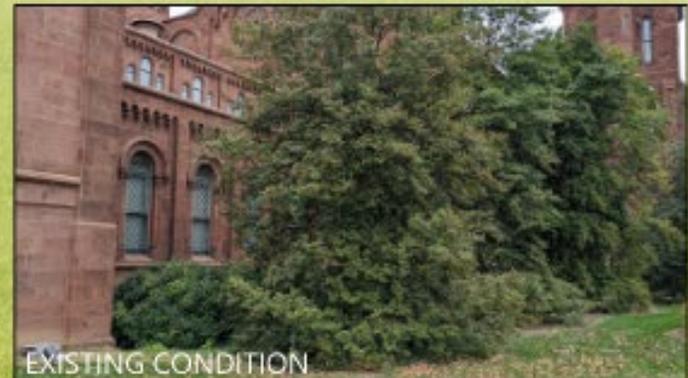
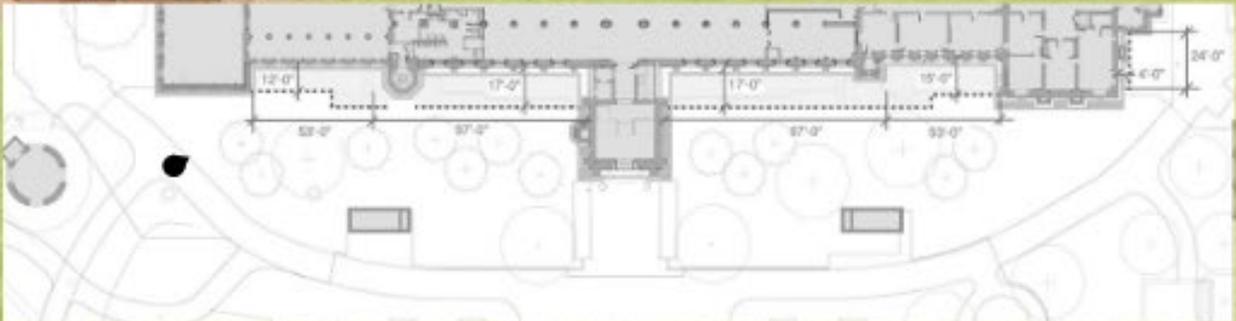
SOUTHWEST AREAWAY | DUAL EGRESS

VIEW FROM LANDSCAPE



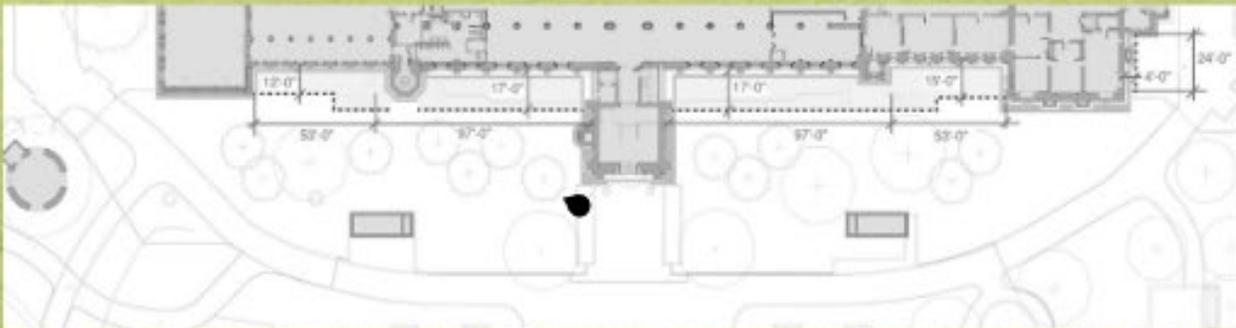
SOUTHWEST AREAWAY | DUAL EGRESS

VIEW FROM PUBLIC PATH



SOUTHWEST AREAWAY | DUAL EGRESS

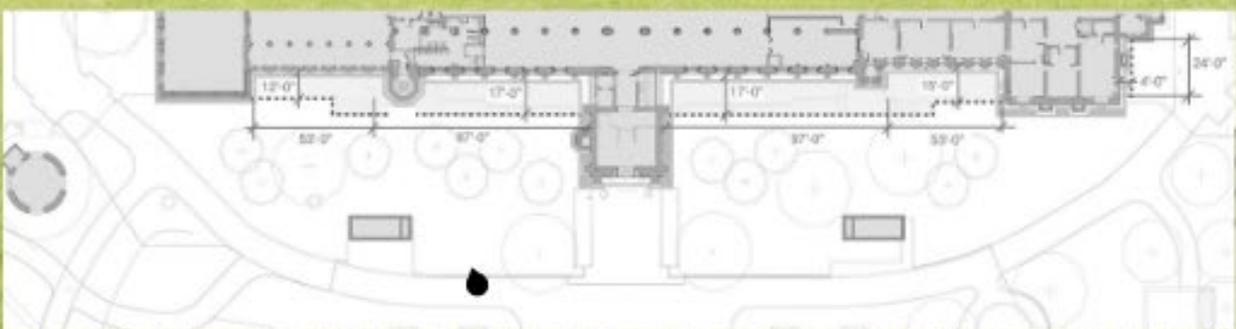
VIEW FROM PUBLIC PATH



EXISTING CONDITION

SOUTHWEST AREAWAY | DUAL EGRESS

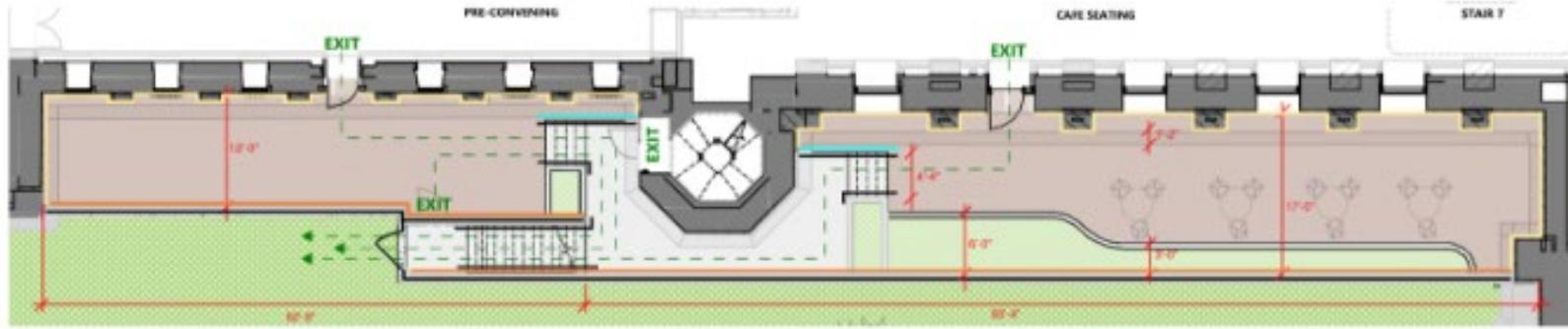
VIEW FROM PUBLIC PATH



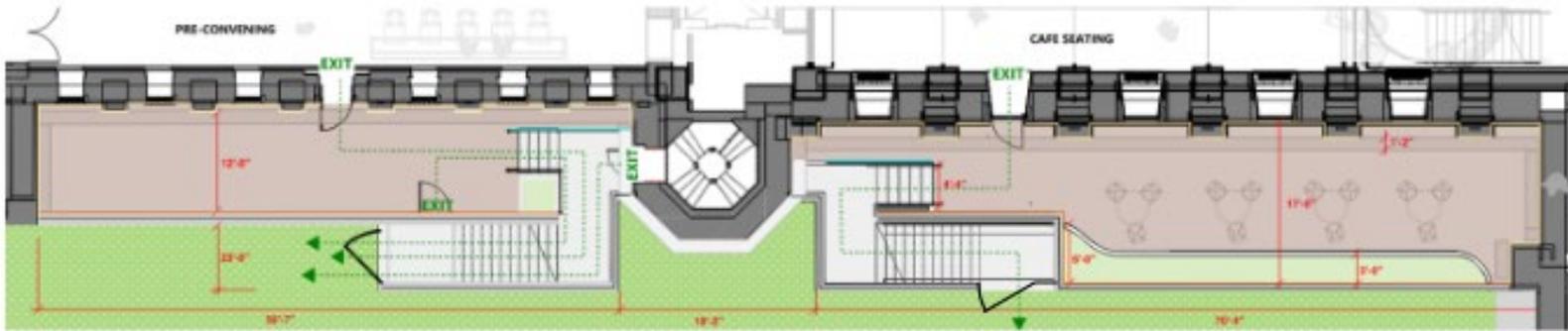
EXISTING CONDITION

SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTHWEST AREAWAYS | COMPARISON



SINGLE EGRESS



SEPARATED EGRESS

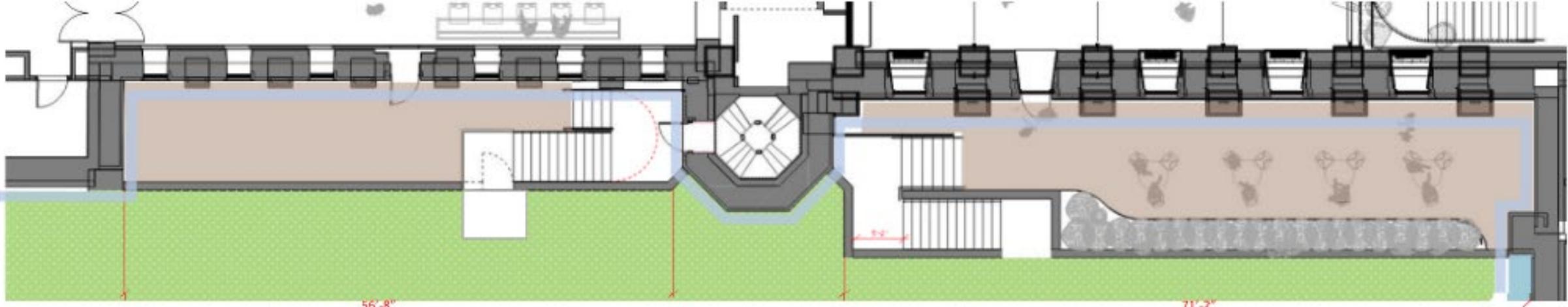
- LIMITS NUMBER OF EGRESS POINTS TO GRADE, FROM A SECURITY STANDPOINT
- SHARED EGRESS PATH FOR EFFICIENCY
- MINIMIZES STAIR RUNS
- CONTINUOUS EDGE ALONG LANDSCAPE SIMPLIFIES RAILING GEOMETRY

- BASE OF OCTAGON TOWER PARTIALLY REVEALED AT GRADE
- ADDITIONAL SEISMIC JOINT COVER BROUGHT TO GRADE
- ADDITIONAL STAIR RUN REQUIRED
- TWO EXIT POINTS TO BE MONITORED

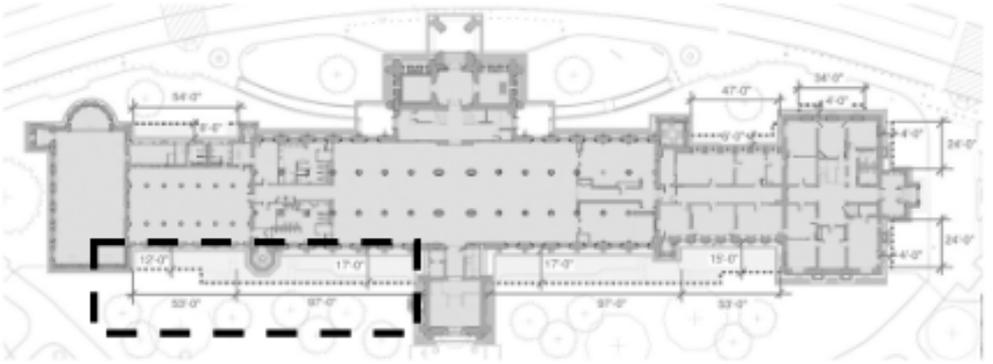
- Areaways, egress stairs, window wells, and their fall protection railings will be visible within the setting at the base of the Castle. Railing design alternatives will be finalized in Phase 2 of 106 consultation.
- Existing hardscape pedestrian paths in the Haupt Garden will be maintained, which restricts some visibility in combination with the landscape plan and may minimize adverse effect.
- Adverse effect may be minimized through maintaining the landscape character within the Haupt Garden and setting north of the Castle. Landscape plan and plantings will be finalized in Phase 2 of 106 consultation.

SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTHWEST AREAWAYS | ADDITIONAL ALTERNATIVE WITH DUAL EGRESS

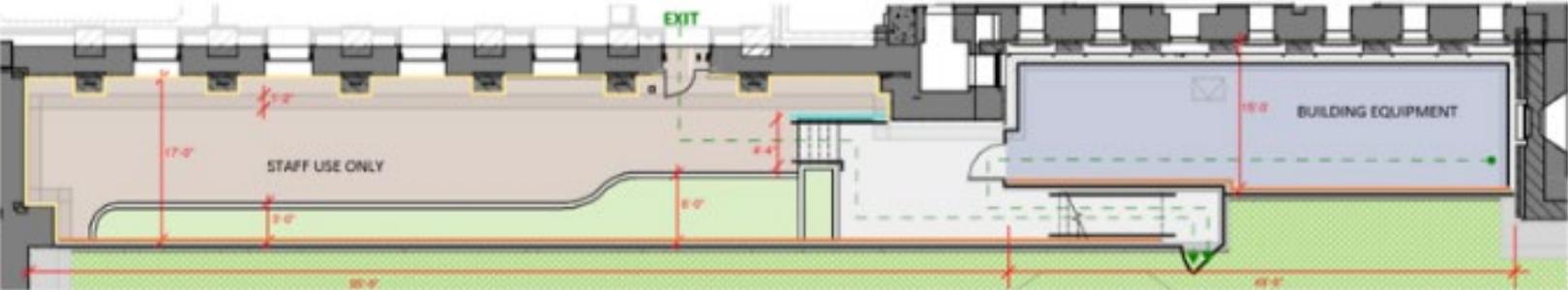


PARTIAL PLAN | SOUTHWEST AREAWAY (ADDITIONAL ALTERNATIVE)



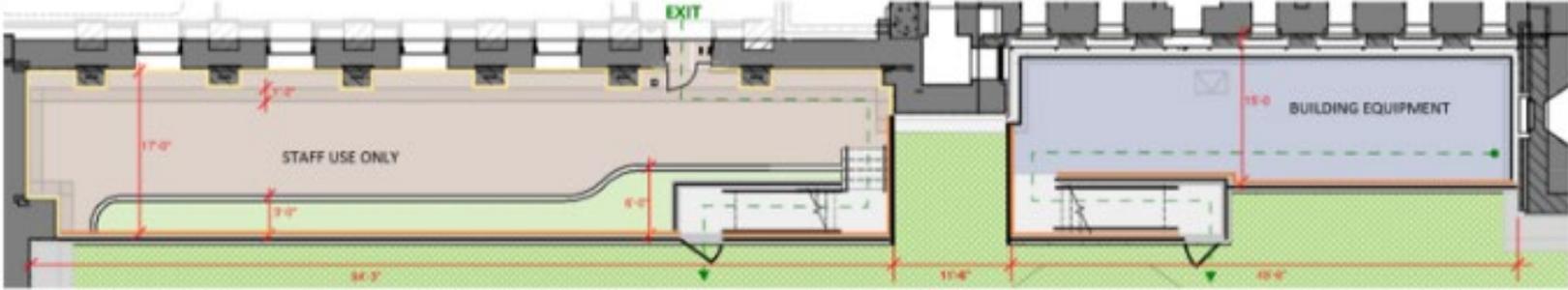
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTHEAST AREAWAYS | COMPARISON



SINGLE EGRESS

- LIMITS NUMBER OF EGRESS POINTS TO GRADE, FROM A SECURITY STANDPOINT
- SHARED EGRESS PATH FOR EFFICIENCY
- MINIMIZES STAIR RUNS



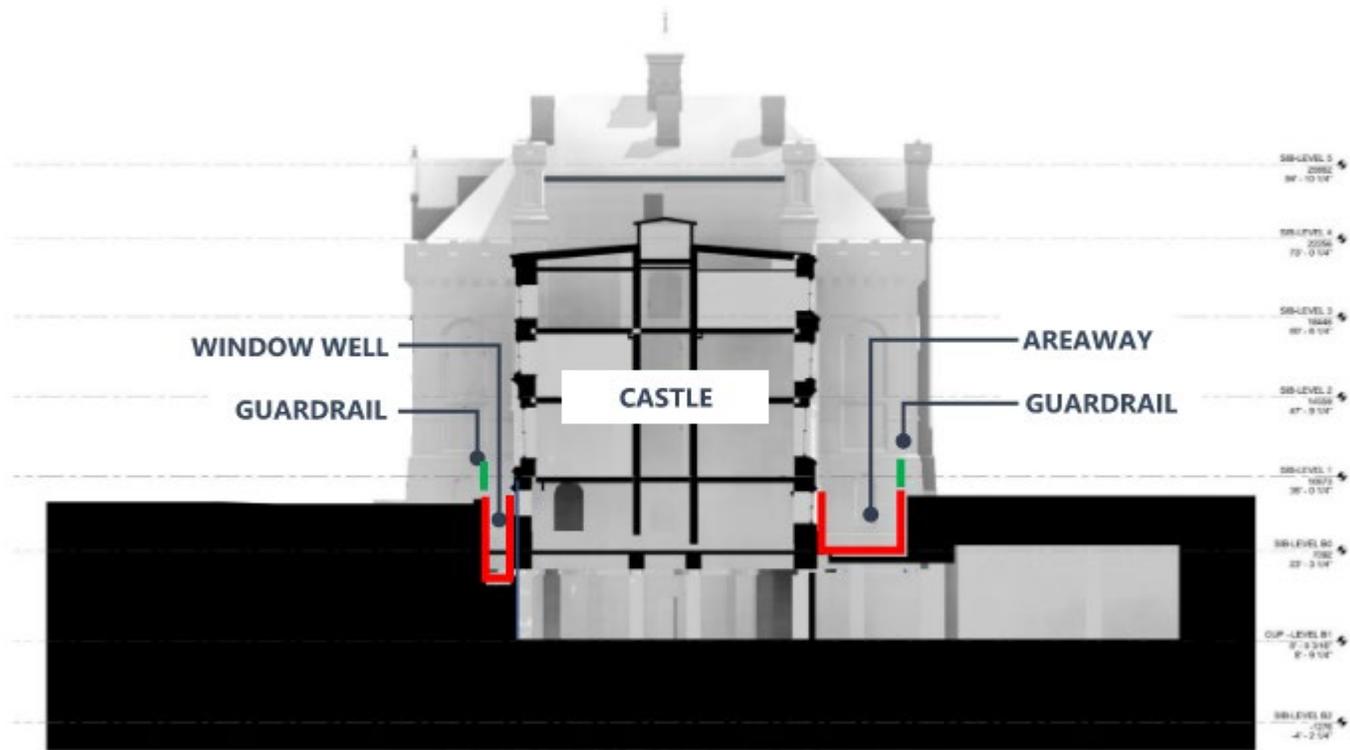
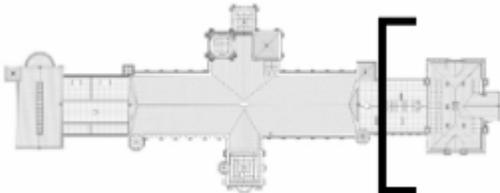
SEPARATED EGRESS

- BASE OF SOUTHEAST TOWER PARTIALLY REVEALED AT GRADE
- ADDITIONAL SEISMIC JOINT COVER BROUGHT TO GRADE
- ADDITIONAL STAIR RUN REQUIRED
- TWO EXIT POINTS TO BE MONITORED

SMITHSONIAN INSTITUTION BUILDING (SIB)

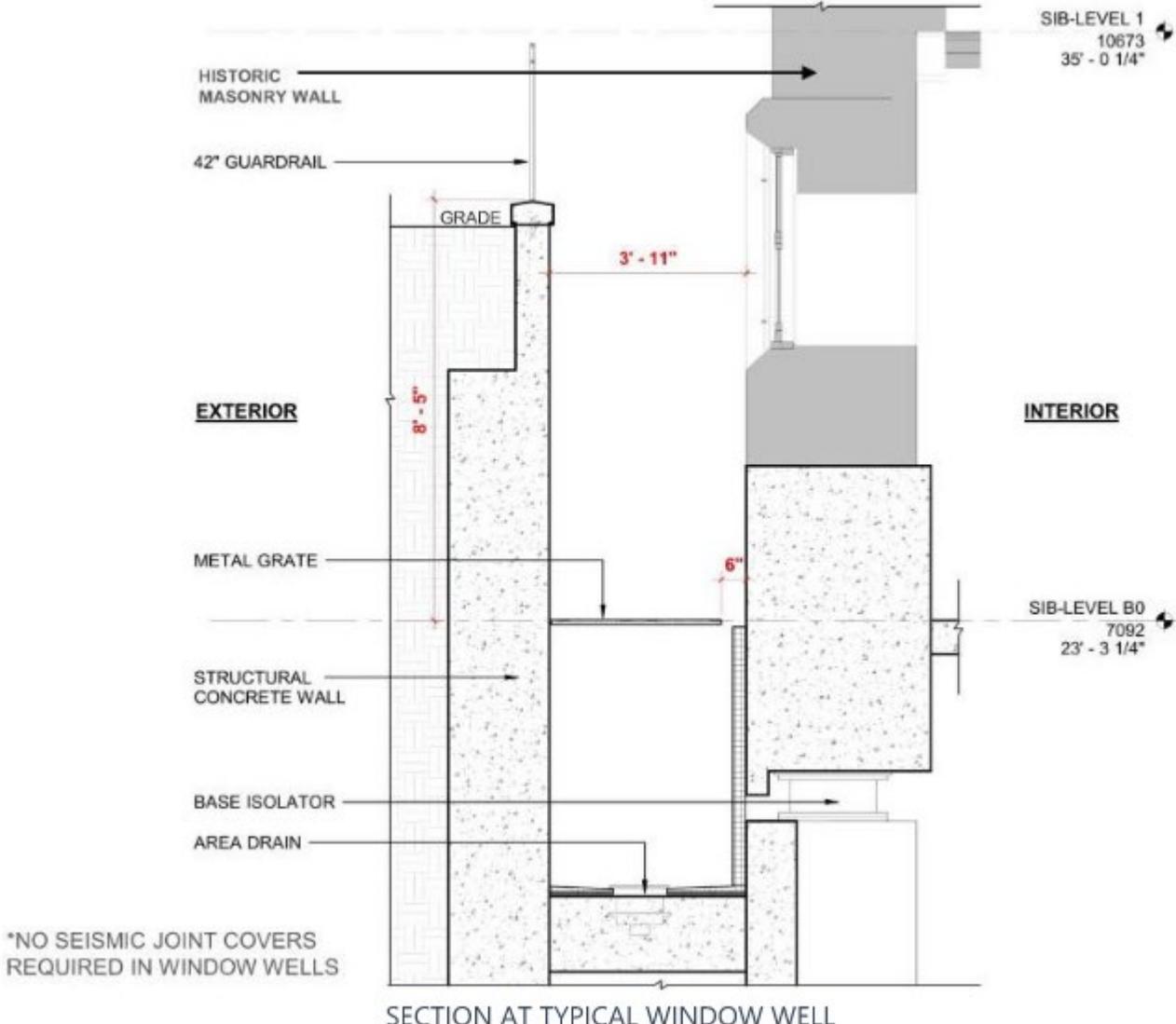
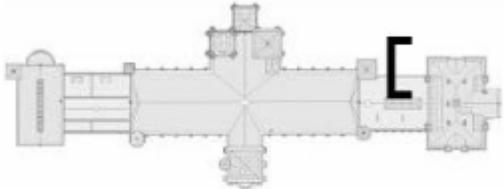
TRANSVERSE SECTION – EAST RANGE

— WINDOW WELL OR AREAWAY



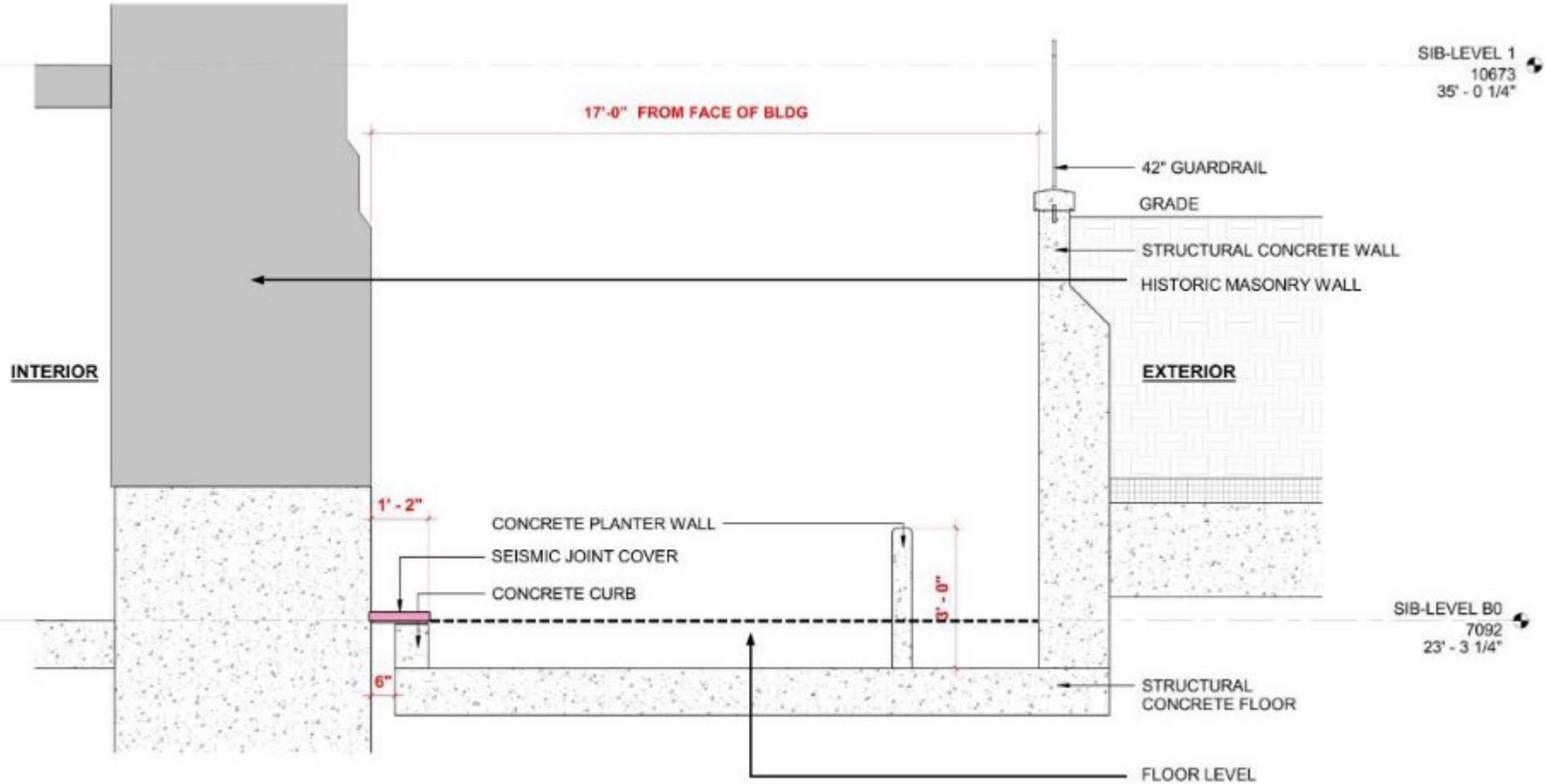
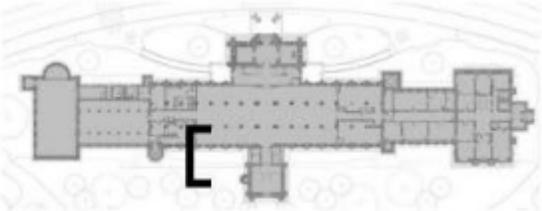
SMITHSONIAN INSTITUTION BUILDING (SIB)

TYPICAL WINDOW WELL



SMITHSONIAN INSTITUTION BUILDING (SIB)

TYPICAL AREAWAY



SECTION AT AREAWAY

INSTALLATION OF SEISMIC CONTROL JOINTS AROUND THE CASTLE PERIMETER

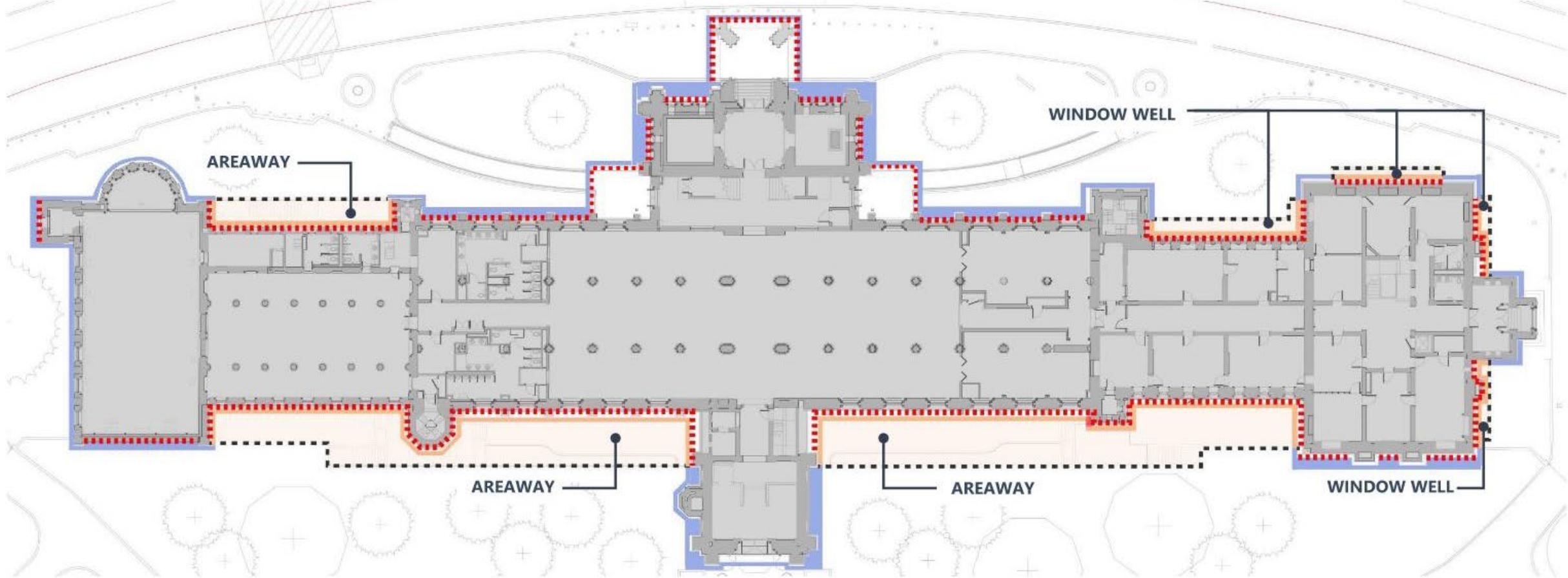
Adverse Effect

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**

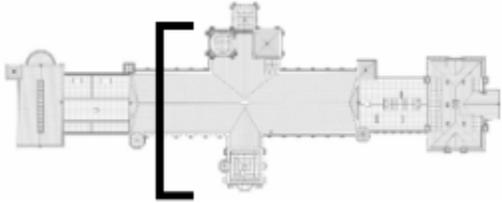
- Seismic base isolation joint is required around the entire Castle perimeter.
- Seismic control joint must be as regular as possible around the Castle's unique footprint.



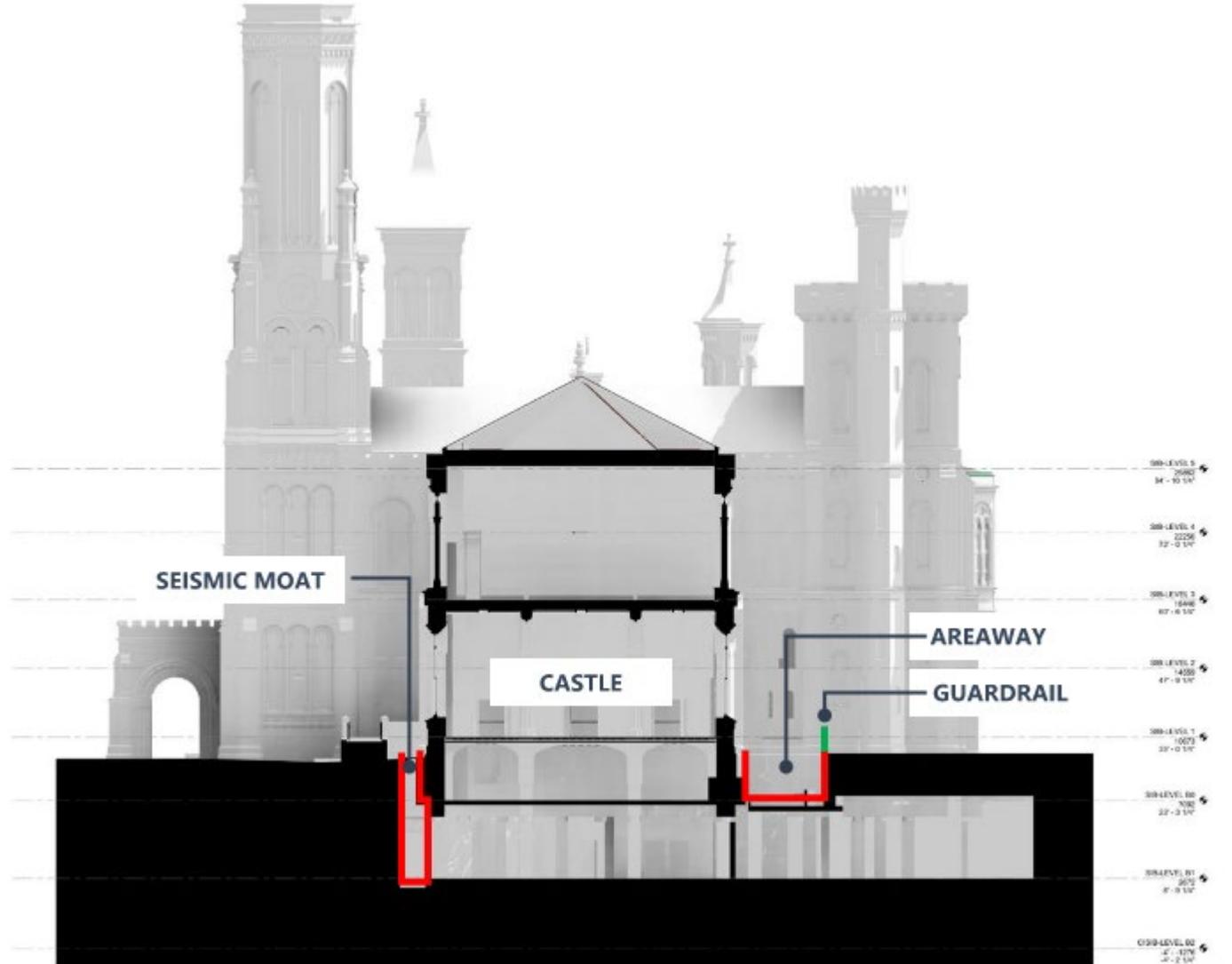
SMITHSONIAN INSTITUTION BUILDING (SIB)

TRANSVERSE SECTION – GREAT HALL

— SEISMIC MOAT OR AREAWAY



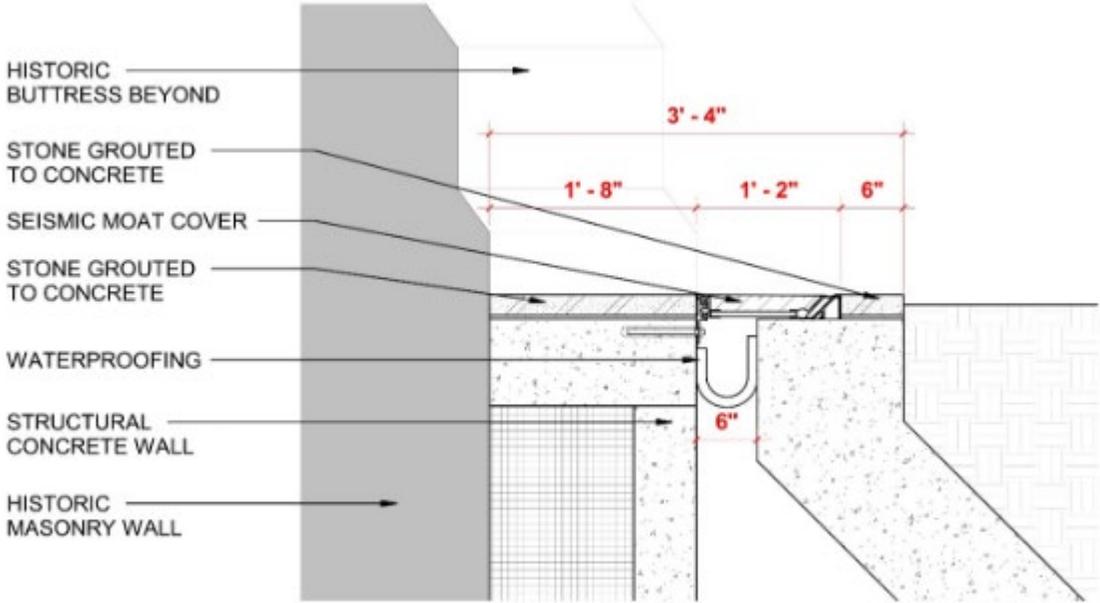
- Seismic control joint is associated with base isolation, which separates the building from the ground motion. Base isolation is achieved by creating a plane of separation between the superstructure and the foundations.
- Seismic control joint covers the seismic moat to prevent water infiltration.
- Seismic control joint cover is not required in the proposed window wells because water infiltration is handled through floor drains.
- Seismic base isolation joint will be incorporated into the recessed areaways and under projecting building elements such as the porte cochere and east entrance stairs.
- 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.



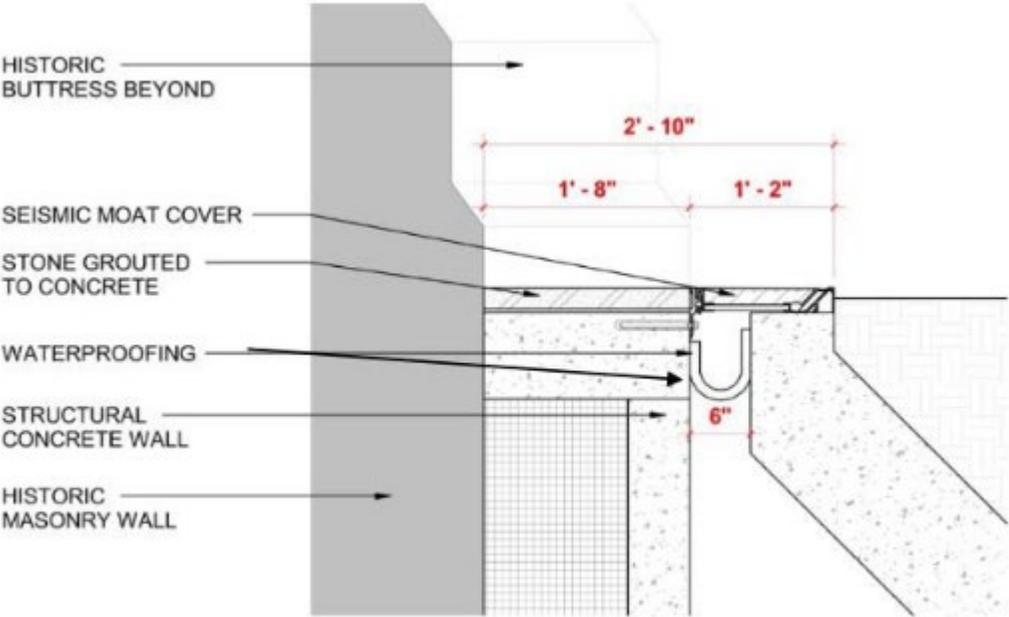
SMITHSONIAN INSTITUTION BUILDING (SIB)

SEISMIC CONTROL

- Adverse effect is minimized through limiting the width dimensions and the control joint cover plate edge treatment.
- Seismic control joint will have an at-grade cover plate to prevent water infiltration into the joint.
- Seismic control joint moat cover is 1'2" in width, but the overall visual assembly width varies to account for buttresses or other architectural features.



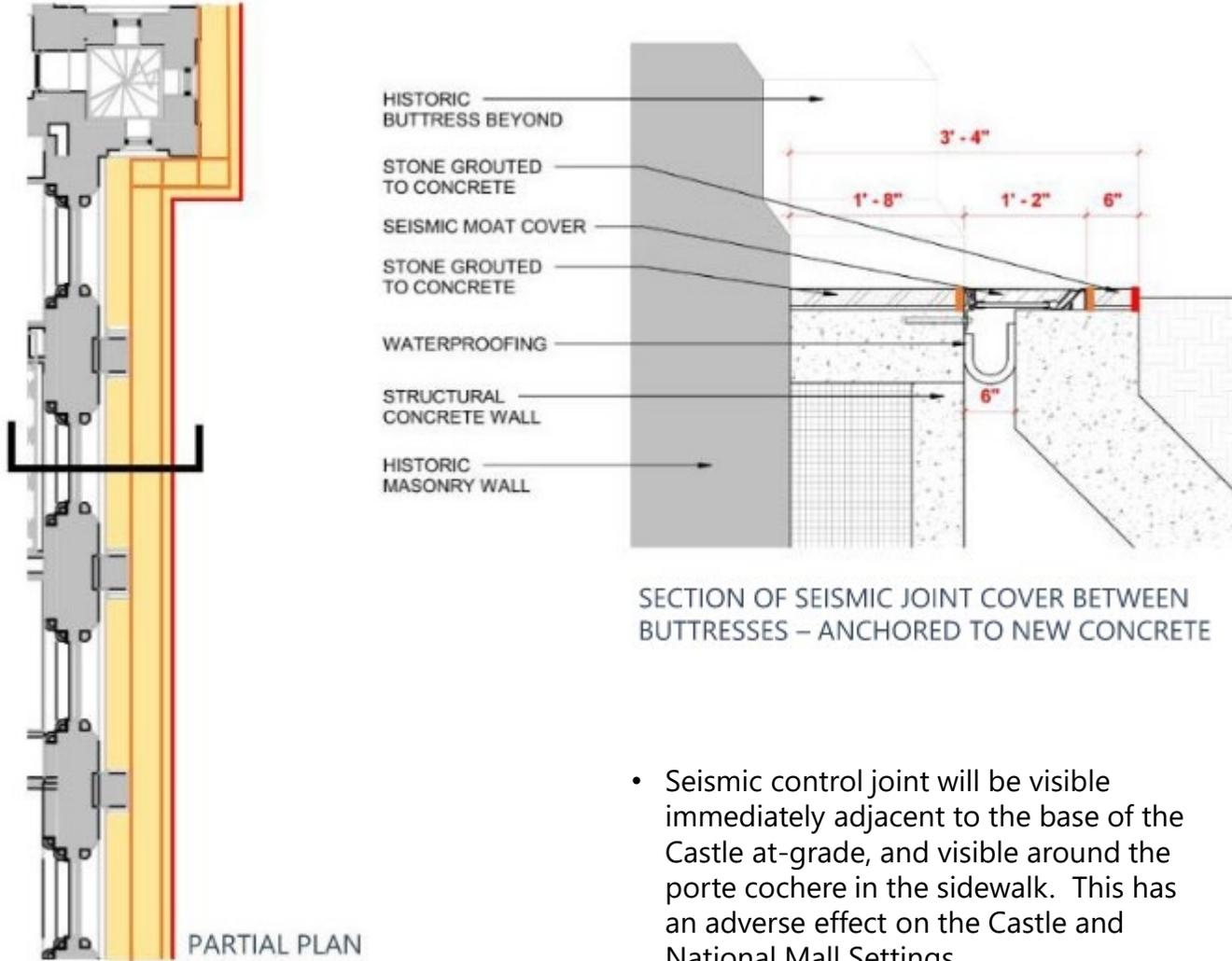
SEISMIC JOINT COVER WITH STONE EDGING



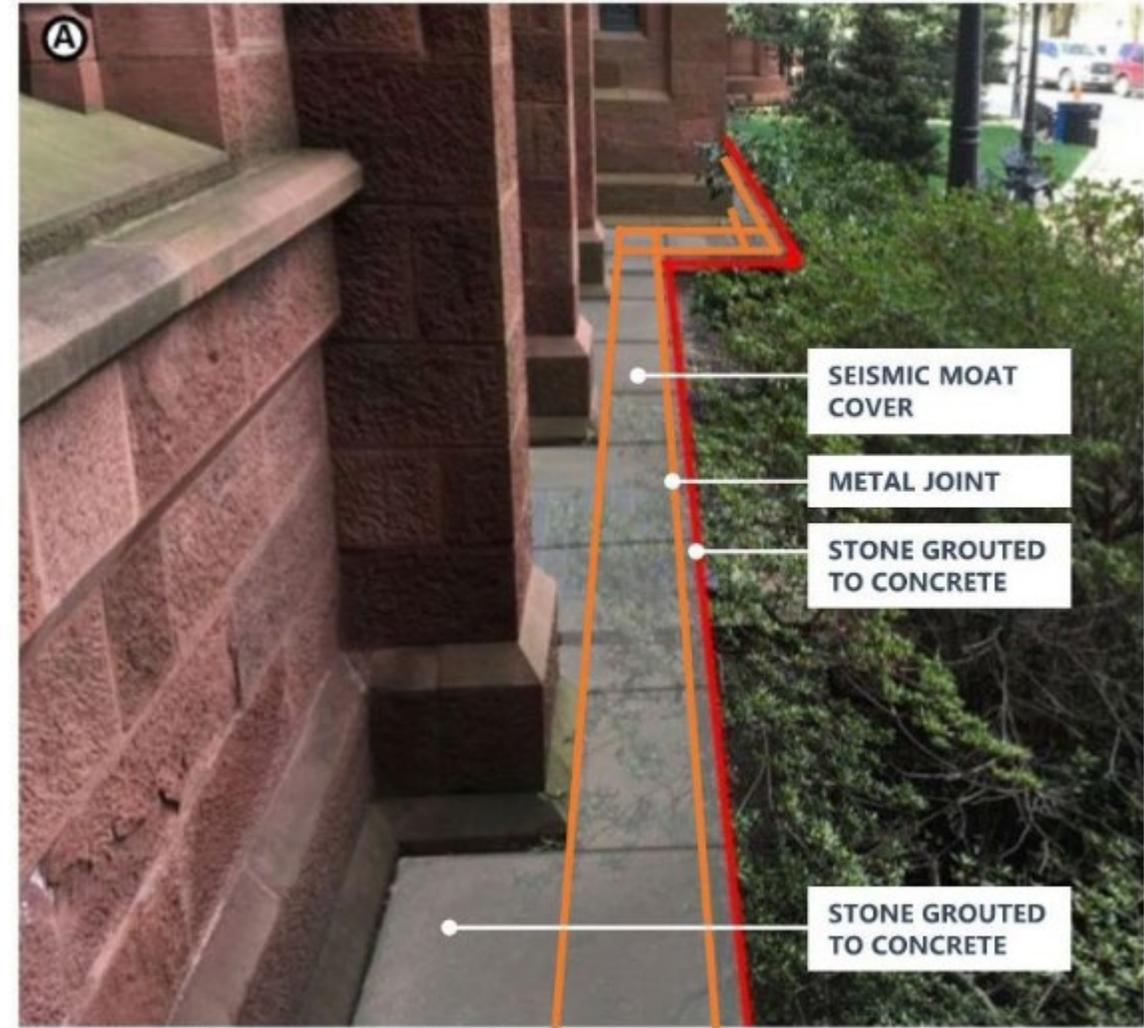
SEISMIC JOINT COVER WITH FINISHED METAL EDGE

SMITHSONIAN INSTITUTION BUILDING (SIB)

SEISMIC CONTROL – JOINT OPTION 1A



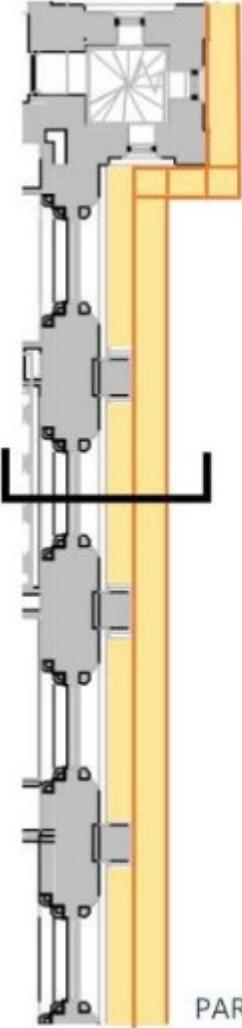
- Seismic control joint will be visible immediately adjacent to the base of the Castle at-grade, and visible around the porte cochere in the sidewalk. This has an adverse effect on the Castle and National Mall Settings.



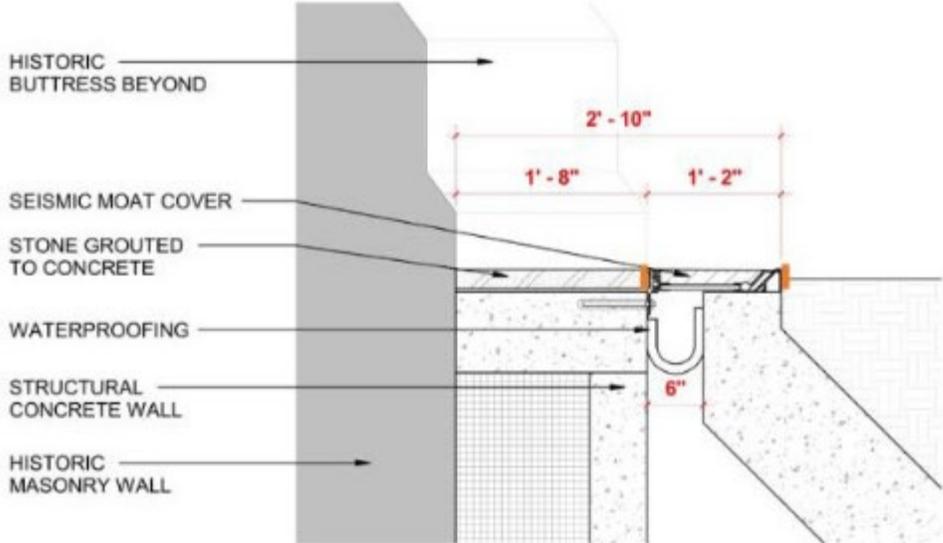
Conceptual Seismic Joint Cover Visualization

SMITHSONIAN INSTITUTION BUILDING (SIB)

SEISMIC CONTROL – JOINT OPTION 1B

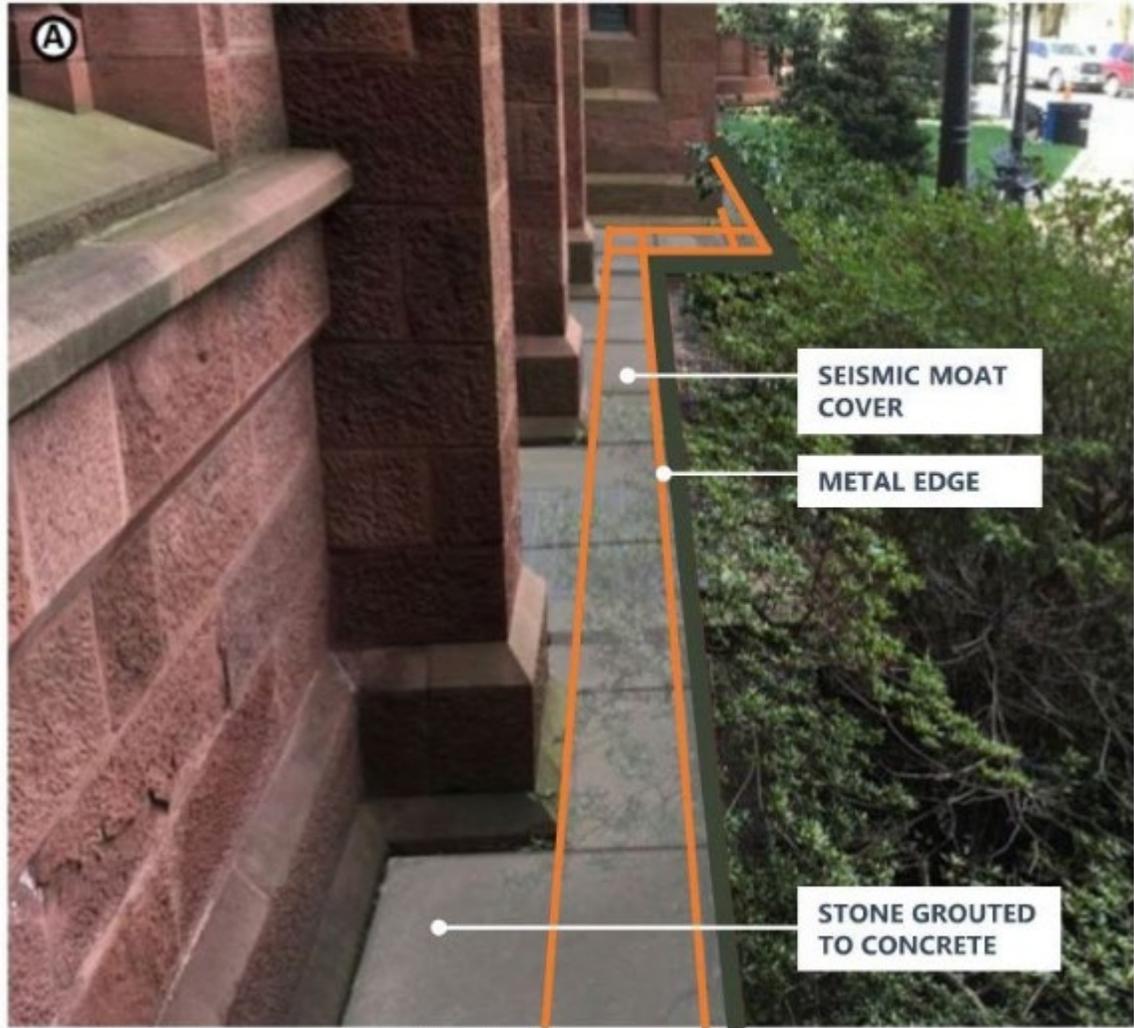


PARTIAL PLAN



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

- Adverse effect may be minimized through selection of seismic cover plate materials pending mock-ups and design development in Phase 2 of 106 consultation.



Conceptual Seismic Joint Cover Visualization

Questions or Comments

MODERATOR

Carly Bond, Historic Preservation Specialist, Smithsonian Facilities

PRESENTERS / PANELISTS

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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)



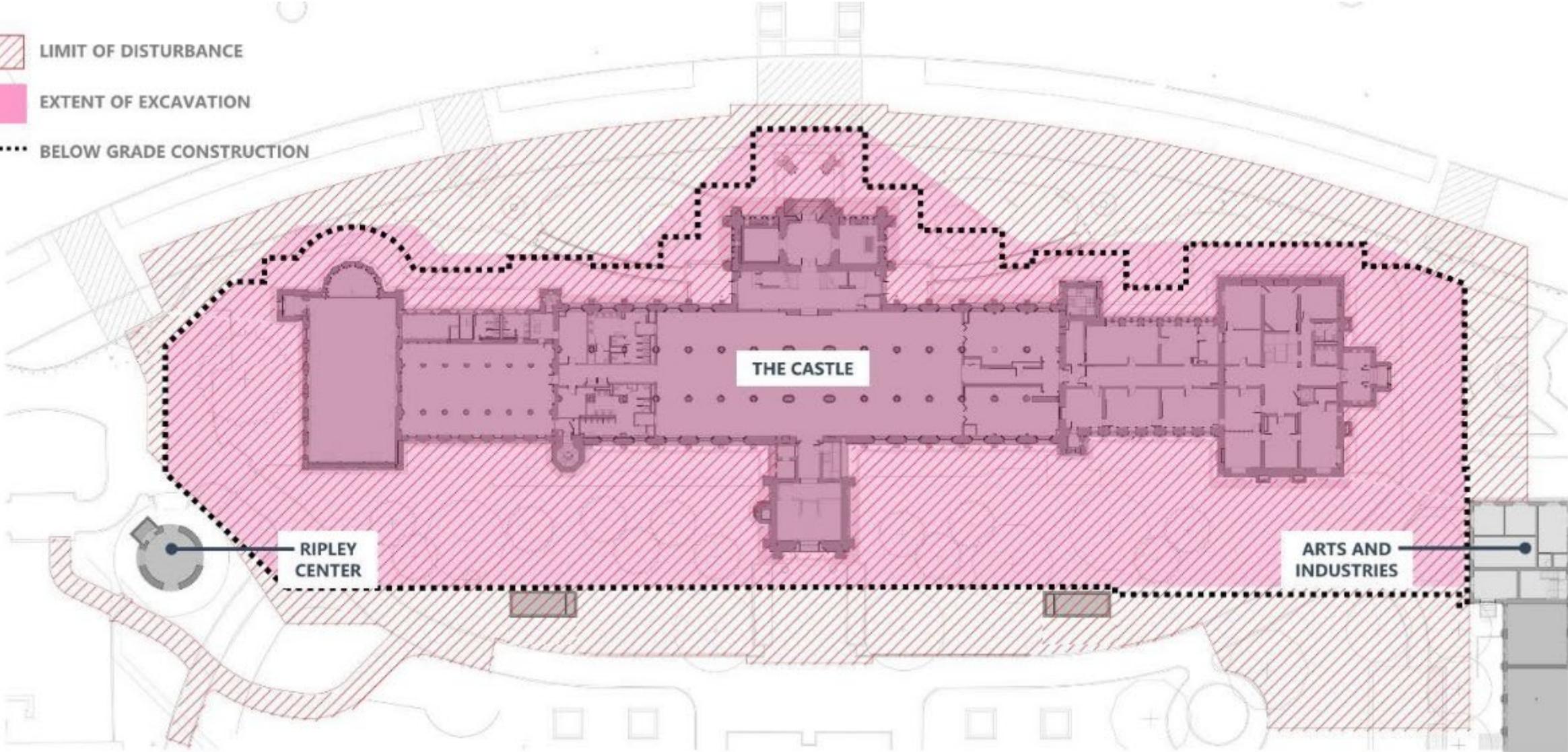
**EXTENT OF EXCAVATION
ADJACENT TO CASTLE -
SIB EXTENSION (B1 LEVEL), B2 LEVEL
CISTERN**

Conditional No Adverse Effect

SMITHSONIAN INSTITUTION BUILDING (SIB)

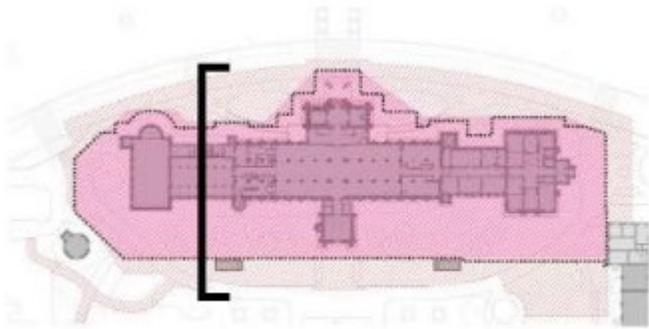
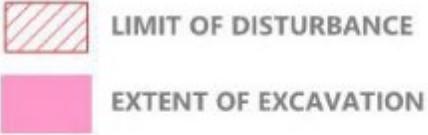
EXTENT OF EXCAVATION

-  LIMIT OF DISTURBANCE
-  EXTENT OF EXCAVATION
-  BELOW GRADE CONSTRUCTION

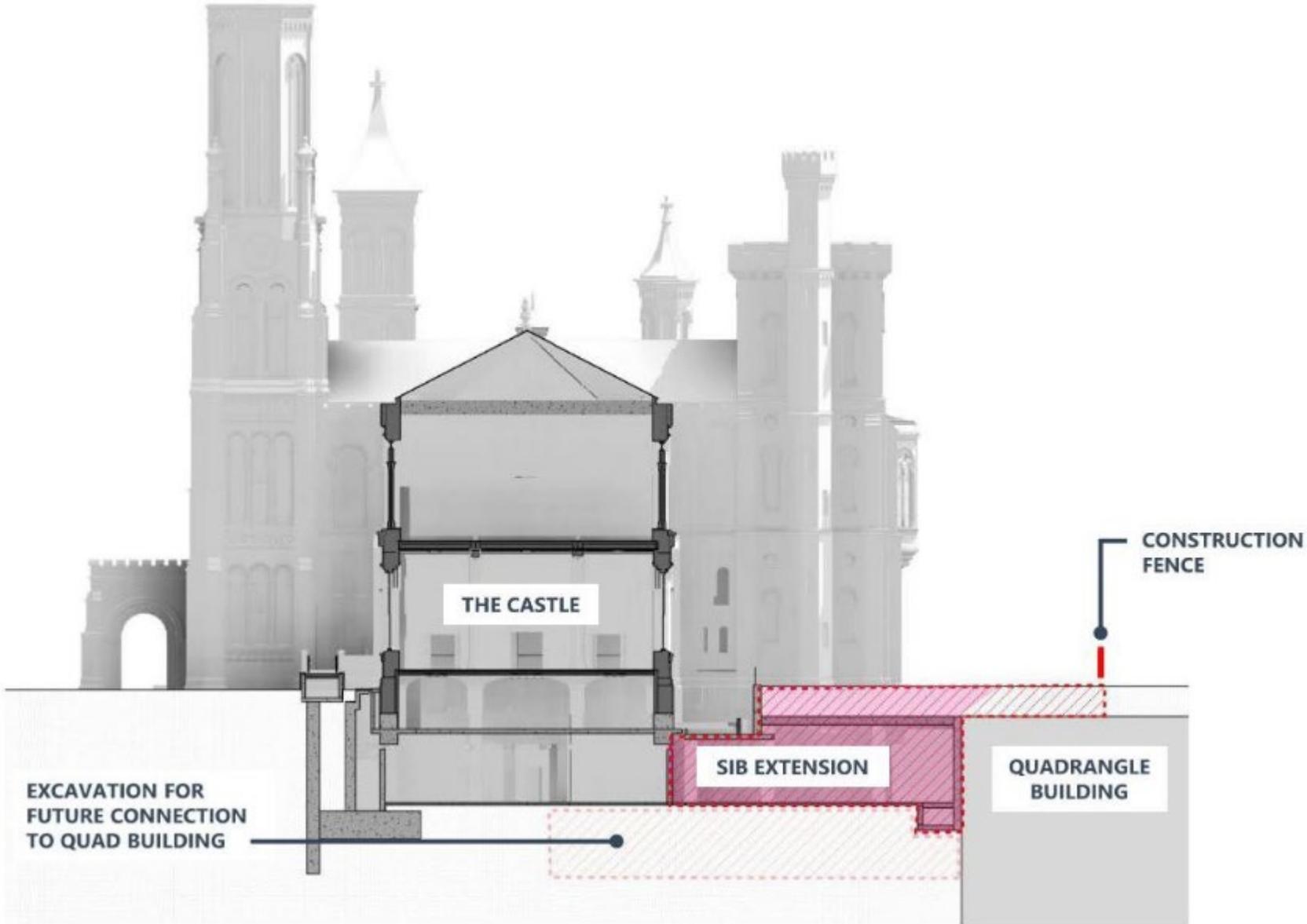


SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – SIB EXTENSION



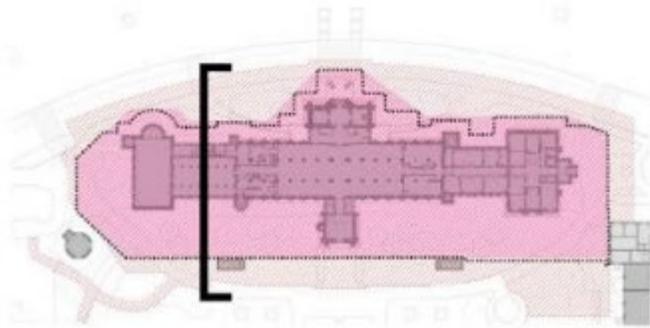
- SIB Extension aligns with the depth of the B1 level of the Quadrangle Building.
- SIB Extension provides connection to the existing Quadrangle loading dock, and spaces for service functions to support the Castle.



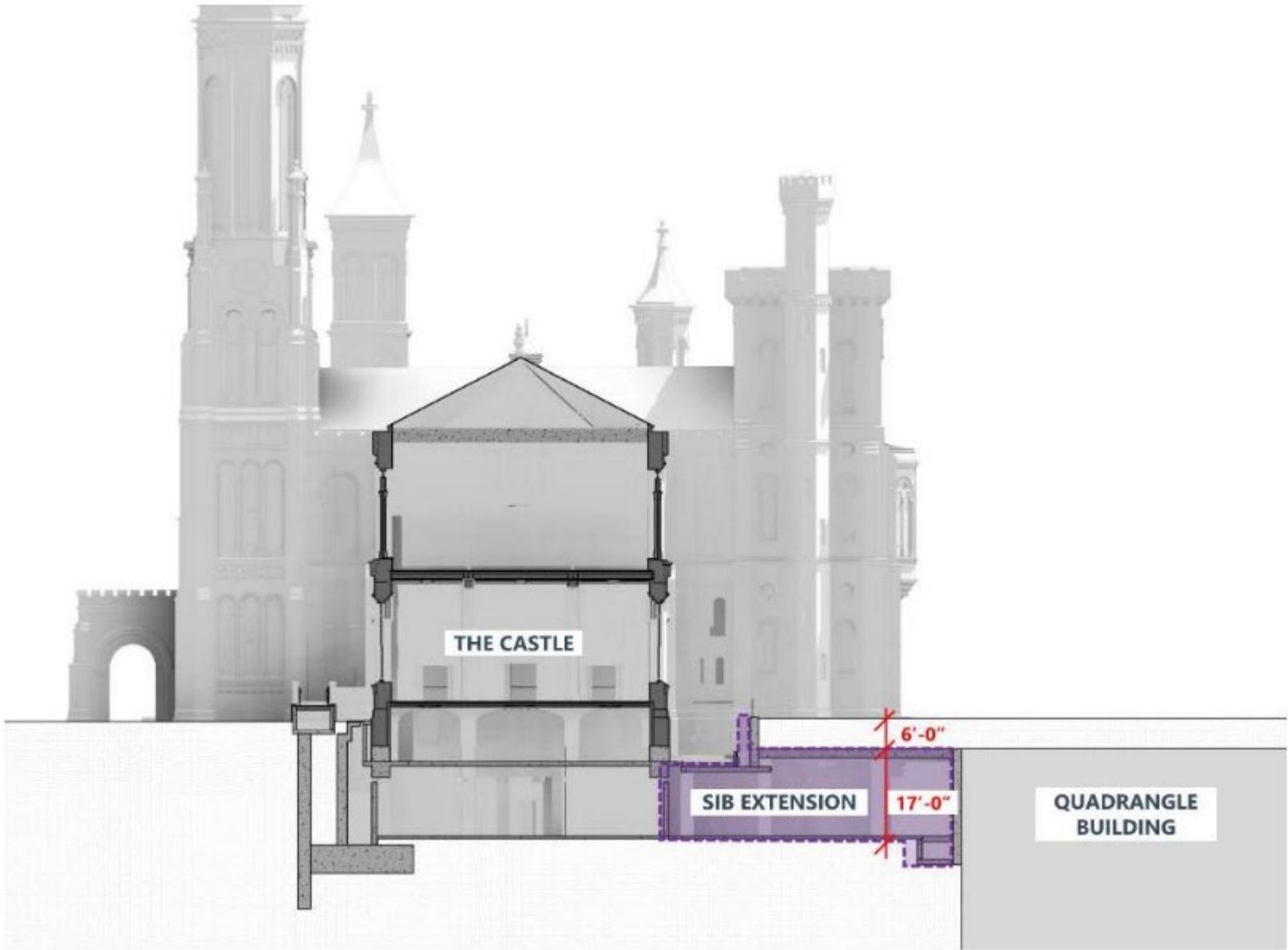
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – BUILDING SECTION

 SIB EXTENSION

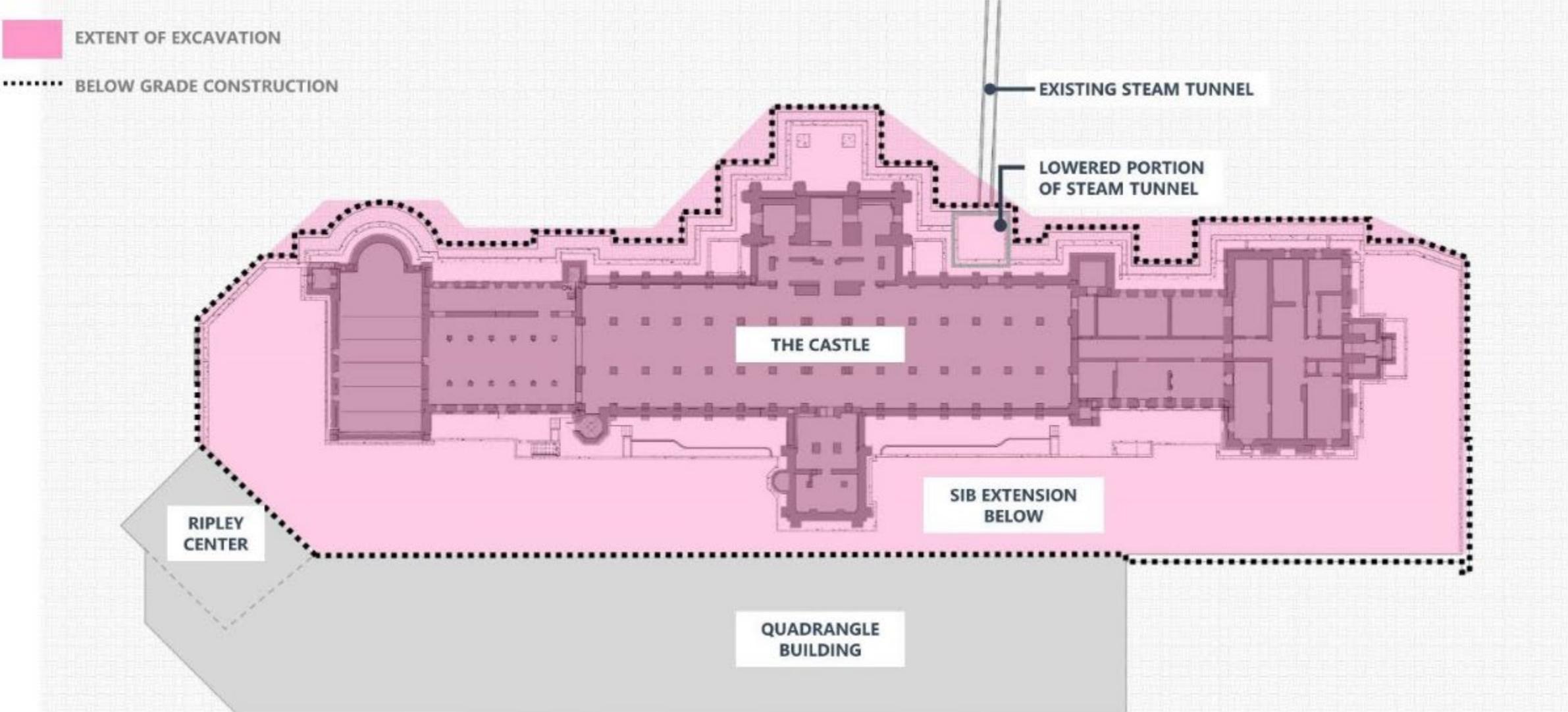


- Excavation occurs adjacent to the Castle for the SIB Extension at the B1 level proposed in an unexcavated area between the Quadrangle and Castle.
- SIB Extension will be 23' below-grade.



SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – LEVEL B0

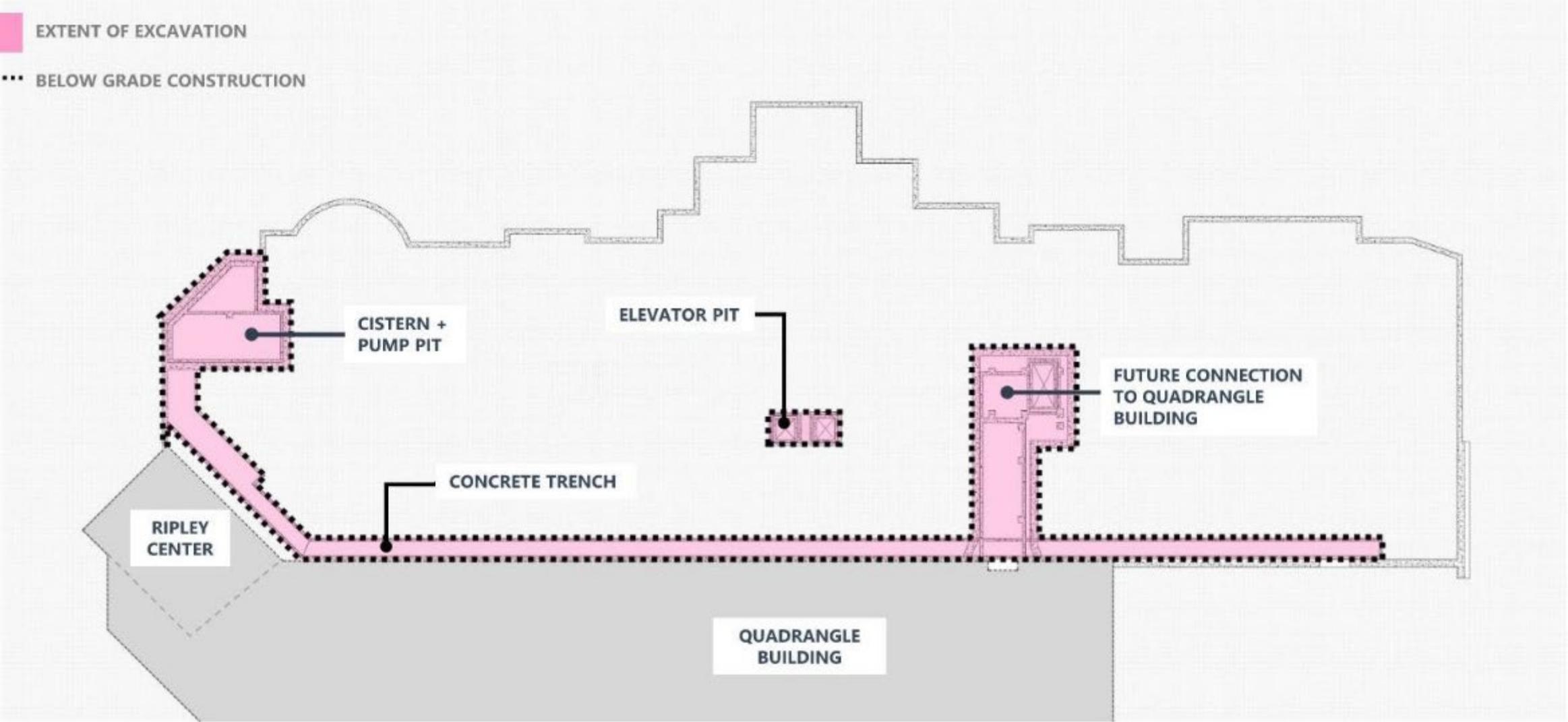


SMITHSONIAN INSTITUTION BUILDING (SIB)

- Stormwater management cistern will be located at the B2 level adjacent to the west of the Castle.

EXTENT OF EXCAVATION – LEVEL B2

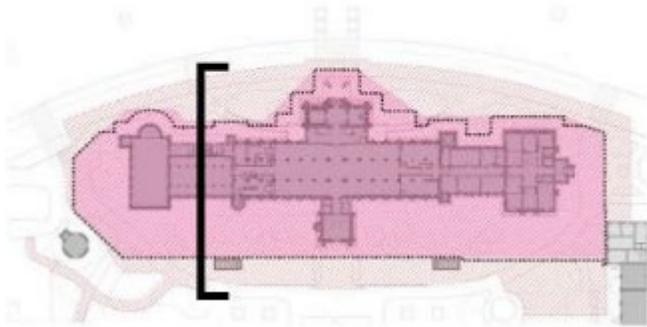
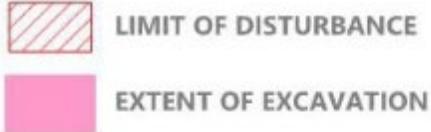
 EXTENT OF EXCAVATION
 BELOW GRADE CONSTRUCTION



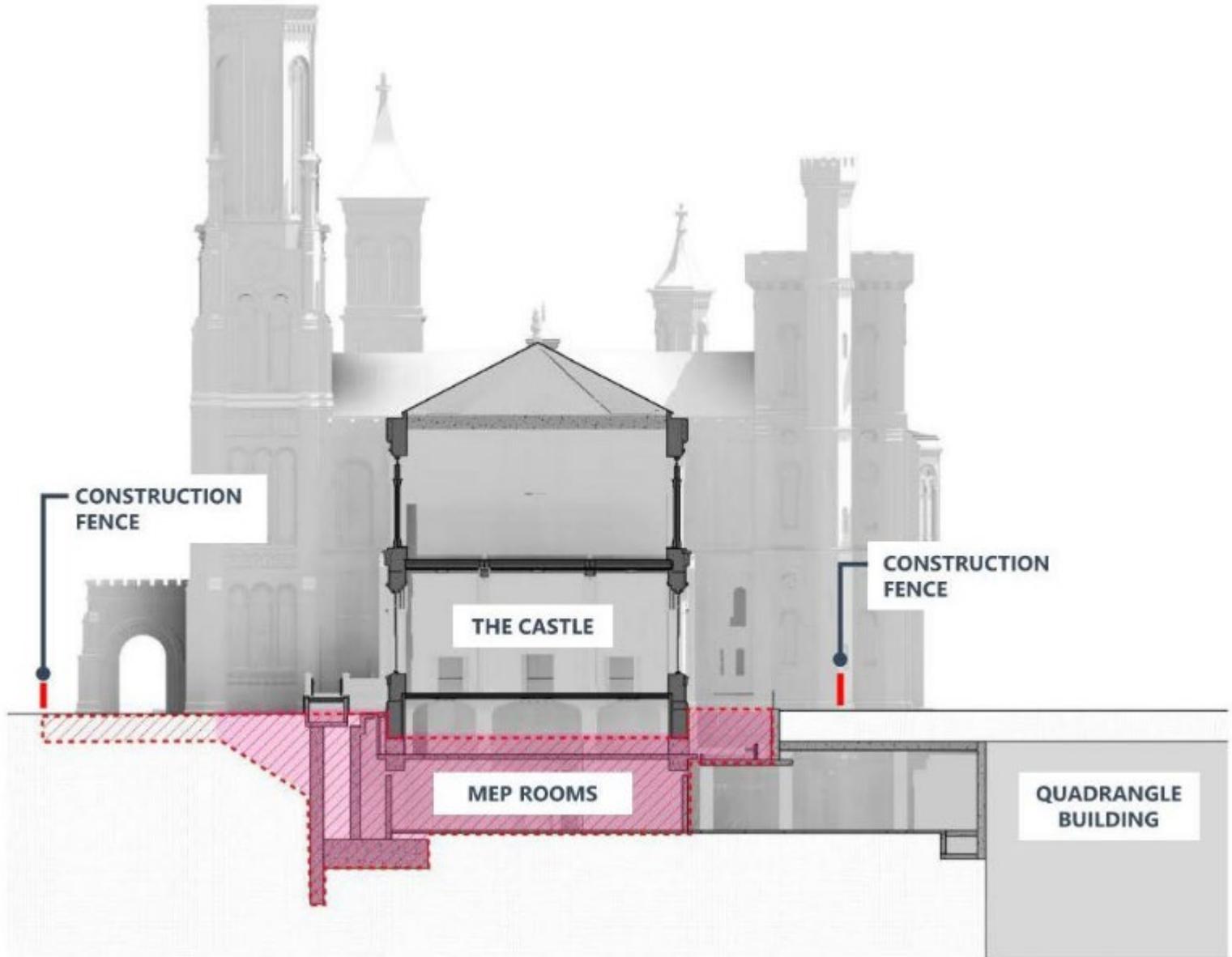
**EXCAVATION BENEATH THE CASTLE -
BASE ISOLATION,
LOWERING OF THE BASEMENT LEVEL,
FUTURE QUADRANGLE BUILDING B2
CONNECTION, AND
MECHANICAL DISTRIBUTION LEVEL
Conditional No Adverse Effect**

SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – MEP ROOMS

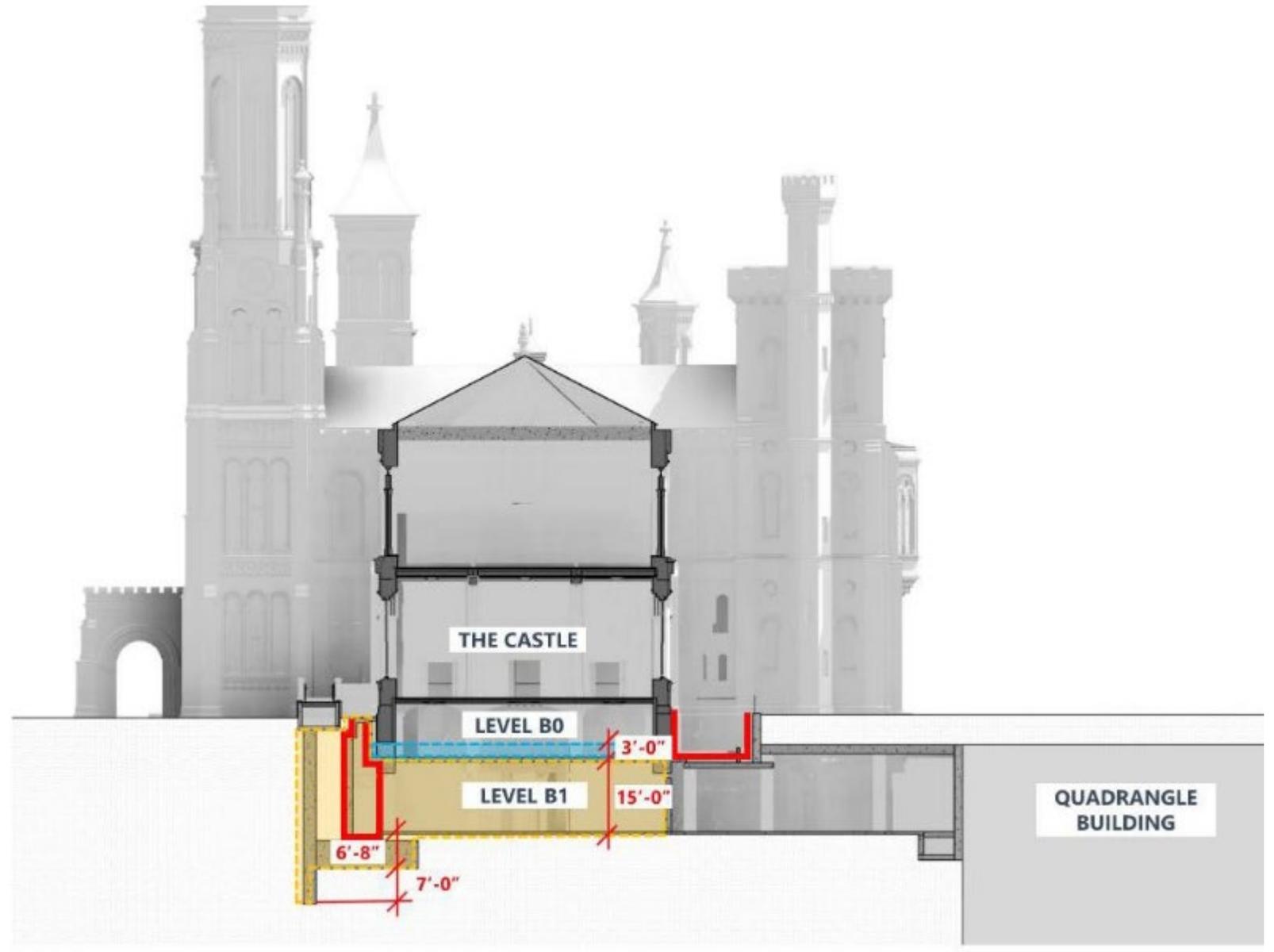
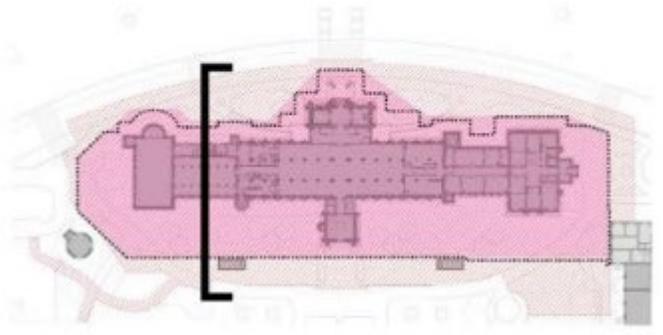
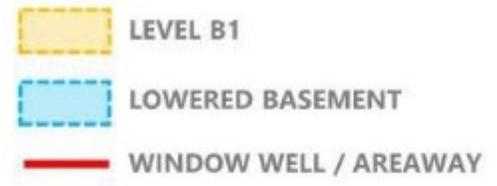


- Mechanical distribution level is aligned with the existing Quadrangle loading dock, Quadrangle B1 level, and the SIB Extension.



SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – BUILDING SECTION

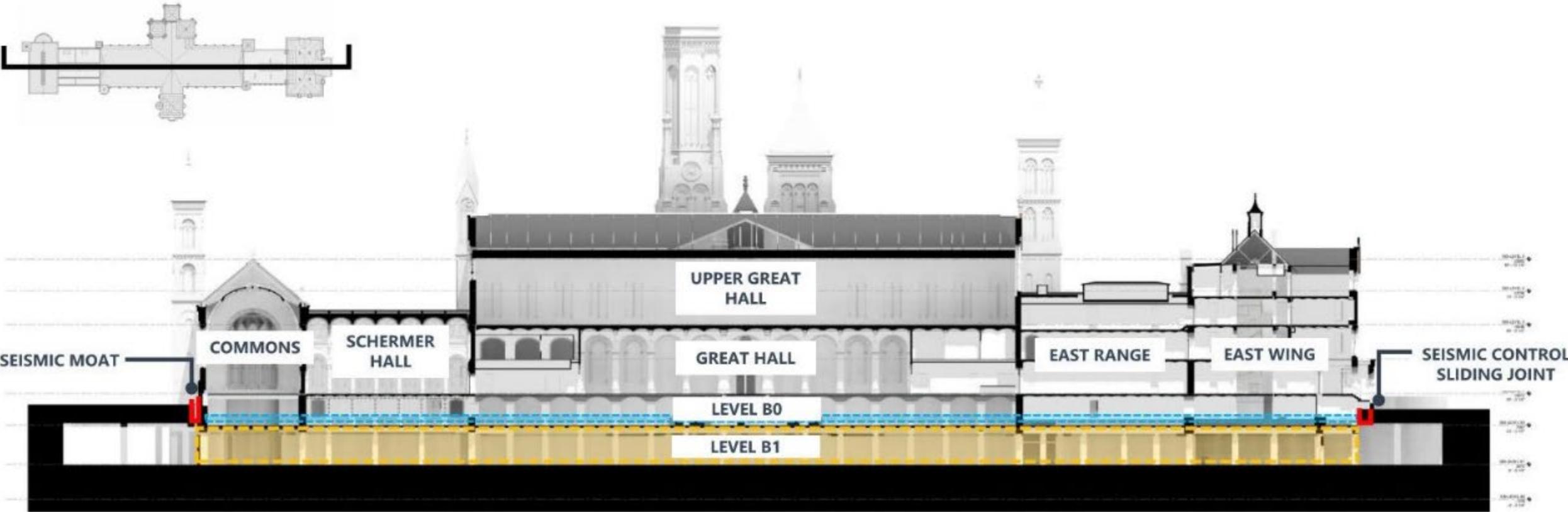
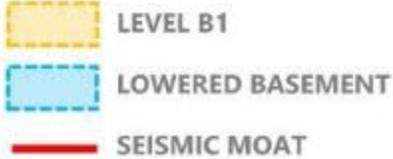


- Basement floor level (B0) will be lowered 3' to accommodate public use and programming.
- Seismic base isolation will be inserted.
- New mechanical distribution level (B1) with a 15' floor to ceiling height is proposed below the Castle basement for building specific mechanical equipment.

SMITHSONIAN INSTITUTION BUILDING (SIB)

- Mechanical distribution level is proposed at 15' for sufficient space for equipment operations and maintenance.

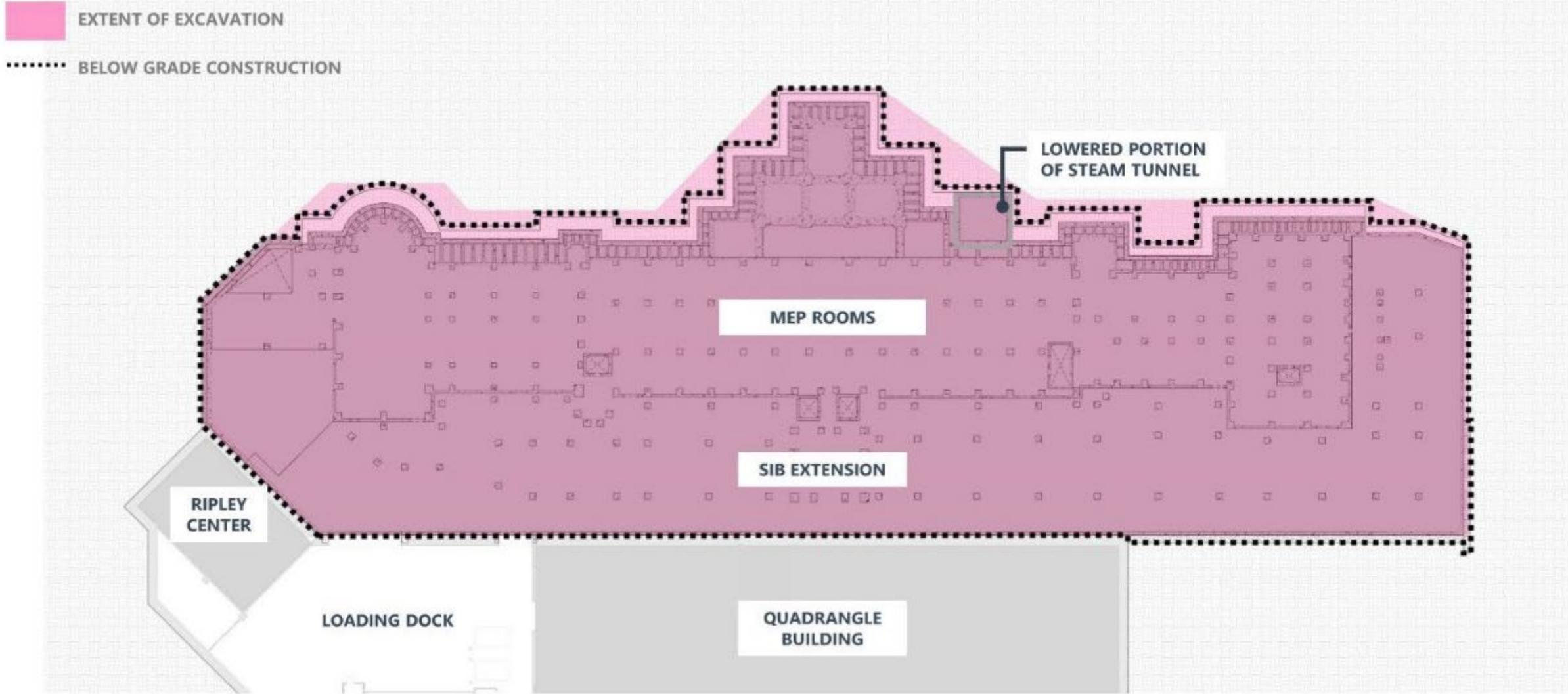
LONGITUDINAL SECTION – EAST-WEST



SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – LEVEL B1

- Excavation of the B0 and B1 levels has the potential to adversely affect historic fabric such as the existing floor material and the “reverse arch” construction that may exist below grade, and by altering the historic character of the existing basement.
- Consideration of these interior alterations will be part of Phase 2 of 106 consultation.

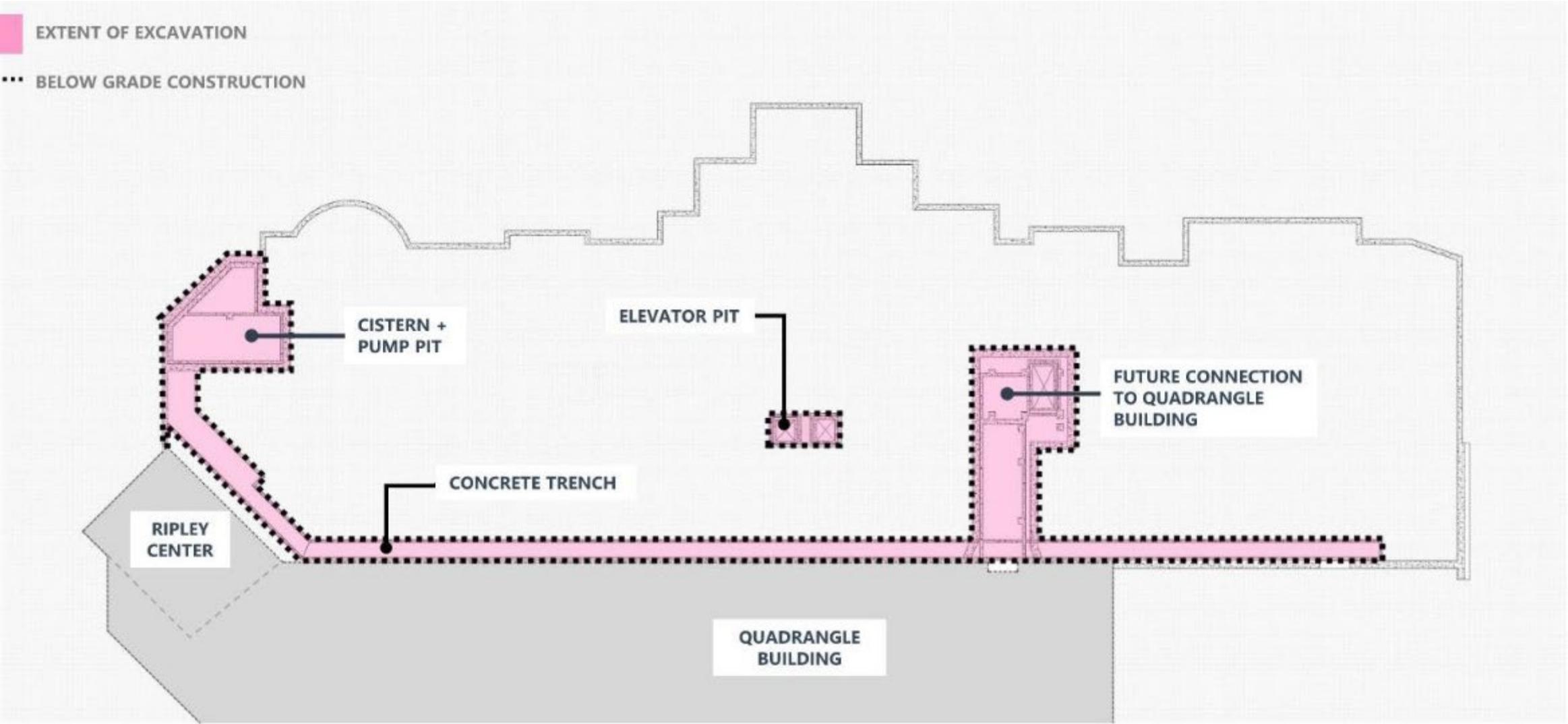


SMITHSONIAN INSTITUTION BUILDING (SIB)

- B2 level will contain an excavated but not enabled future connection to the Quadrangle Building B2 level.

EXTENT OF EXCAVATION – LEVEL B2

■ EXTENT OF EXCAVATION
..... BELOW GRADE CONSTRUCTION



CONDITIONAL NO ADVERSE EFFECT

Excavation Adjacent to and Beneath the Castle

- There is the potential for construction related adverse effects from excavation or building vibration.
- Excavation for this project is connected to Stipulation 7.C (Monitoring of Adjacent Historic Properties) of the South Mall Master Plan Programmatic Agreement which requires monitoring adjacent to historic properties.
- Effects of excavation adjacent to and beneath 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 upon the pre-construction monitoring;
 3. Monitoring will be carried out for 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 SI 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.



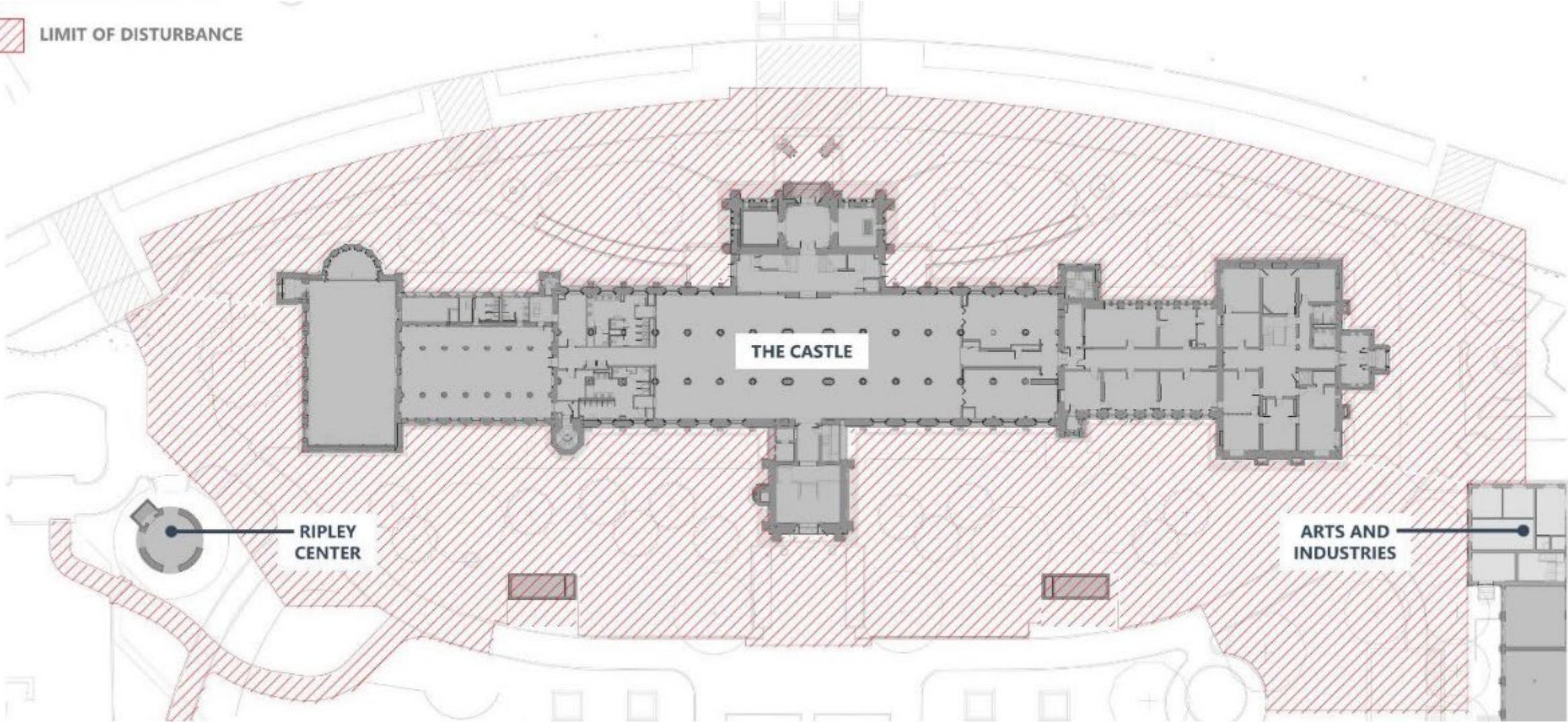
**CREATION OF ALTERNATE
PEDESTRIAN ROUTES FOR CIRCULATION
AROUND THE CASTLE**
Conditional No Adverse Effect

SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION

- 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 temporarily blocked due to construction fencing and ground disturbance activities.

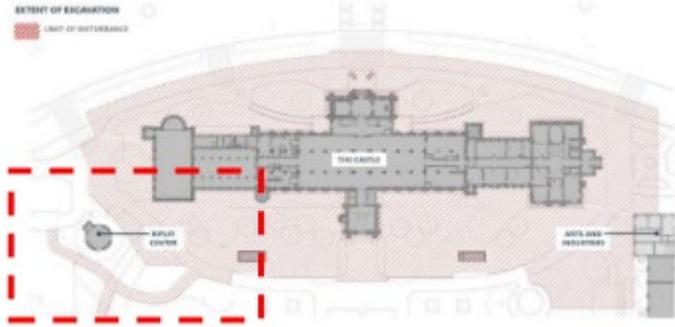
 LIMIT OF DISTURBANCE



Red hatch line shows the project Limit of Disturbance.

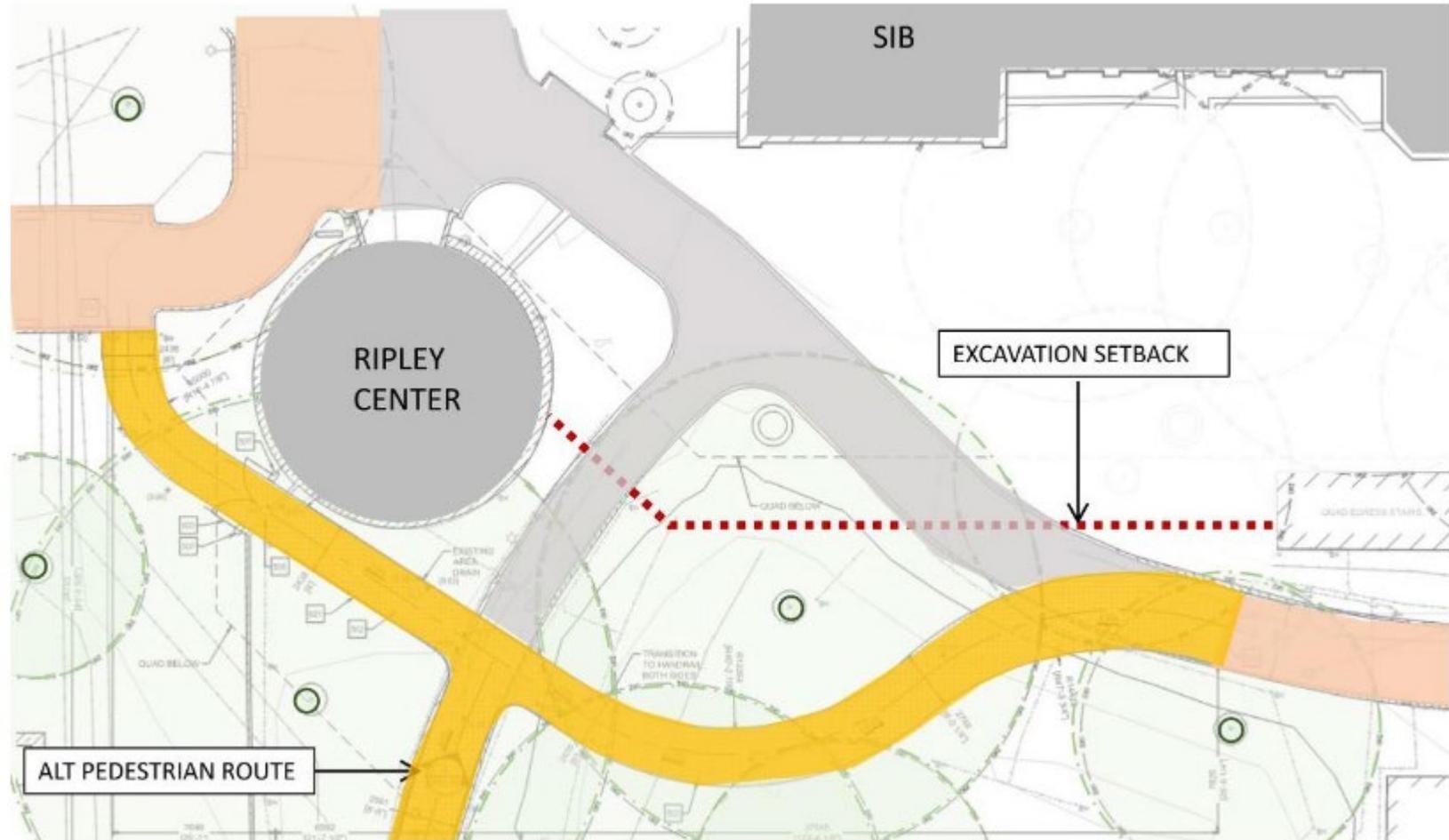
SMITHSONIAN INSTITUTION BUILDING (SIB)

HAUPT GARDEN ACCESS 2023-2028 | TEMPORARY PATHWAY AT NORTHWEST



Temporary Pedestrian Boardwalk

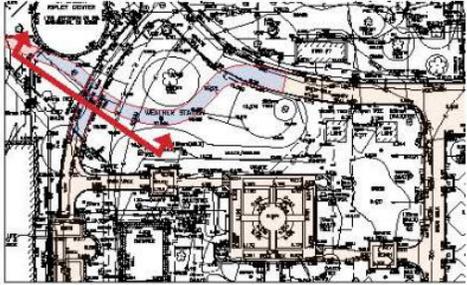
- Connects Haupt Garden to West of Ripley Center during construction
- Path raised to avoid tree roots
- Alternate pedestrian routes are required to access the Haupt Garden and the Quadrangle Building programs.



Alternative pedestrian route around Ripley Pavilion.

SMITHSONIAN INSTITUTION BUILDING (SIB)

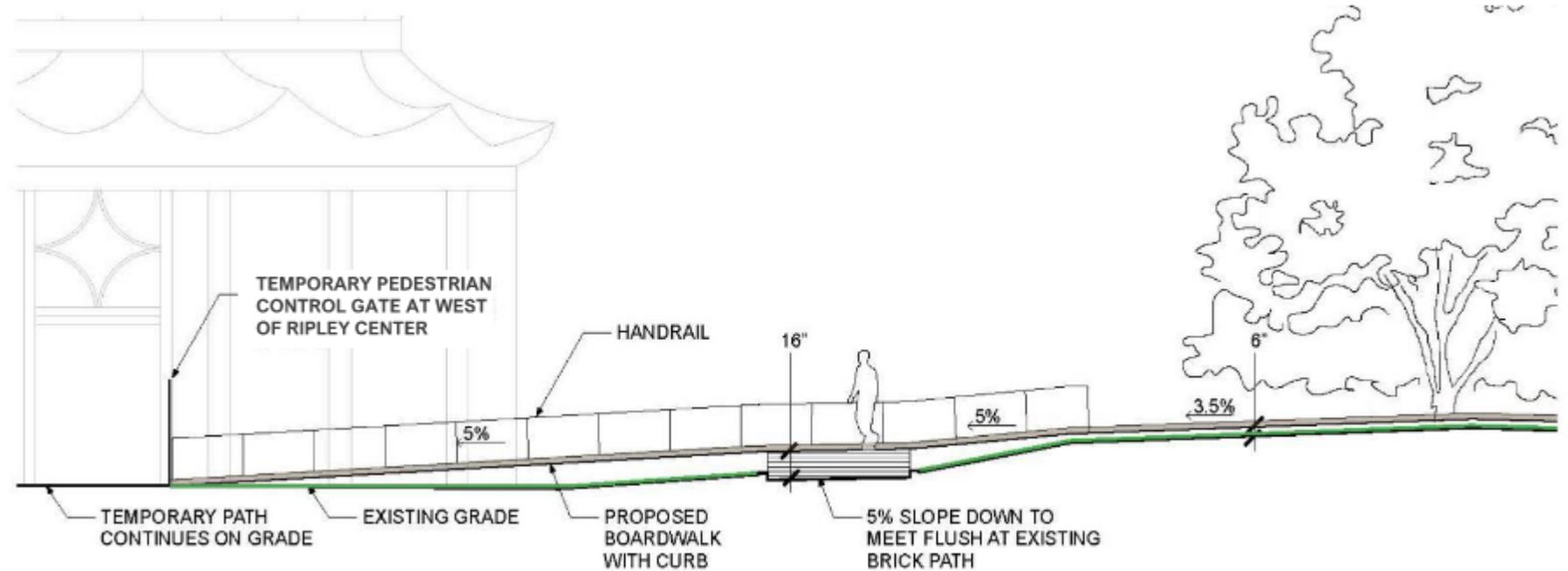
HAUPT GARDEN ACCESS 2023-2028 | TEMPORARY PATHWAY AT NORTHWEST



KEY PLAN

Temporary Pedestrian Boardwalk

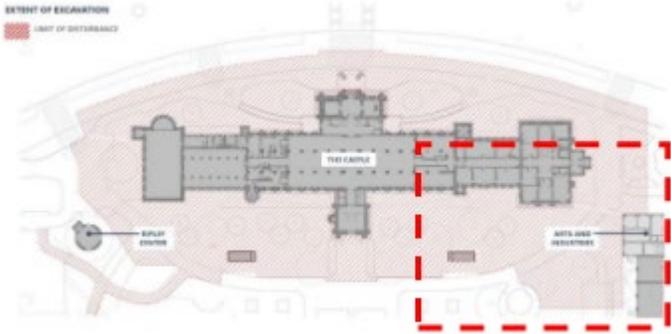
- Connects Haupt Garden to West of Ripley Center during construction
- Path raised to avoid tree roots
- Pedestrian route around the Castle's west side is located and slightly elevated to avoid impacts to root systems of mature trees.



SECTION OF TEMPORARY PEDESTRIAN BOARDWALK

SMITHSONIAN INSTITUTION BUILDING (SIB)

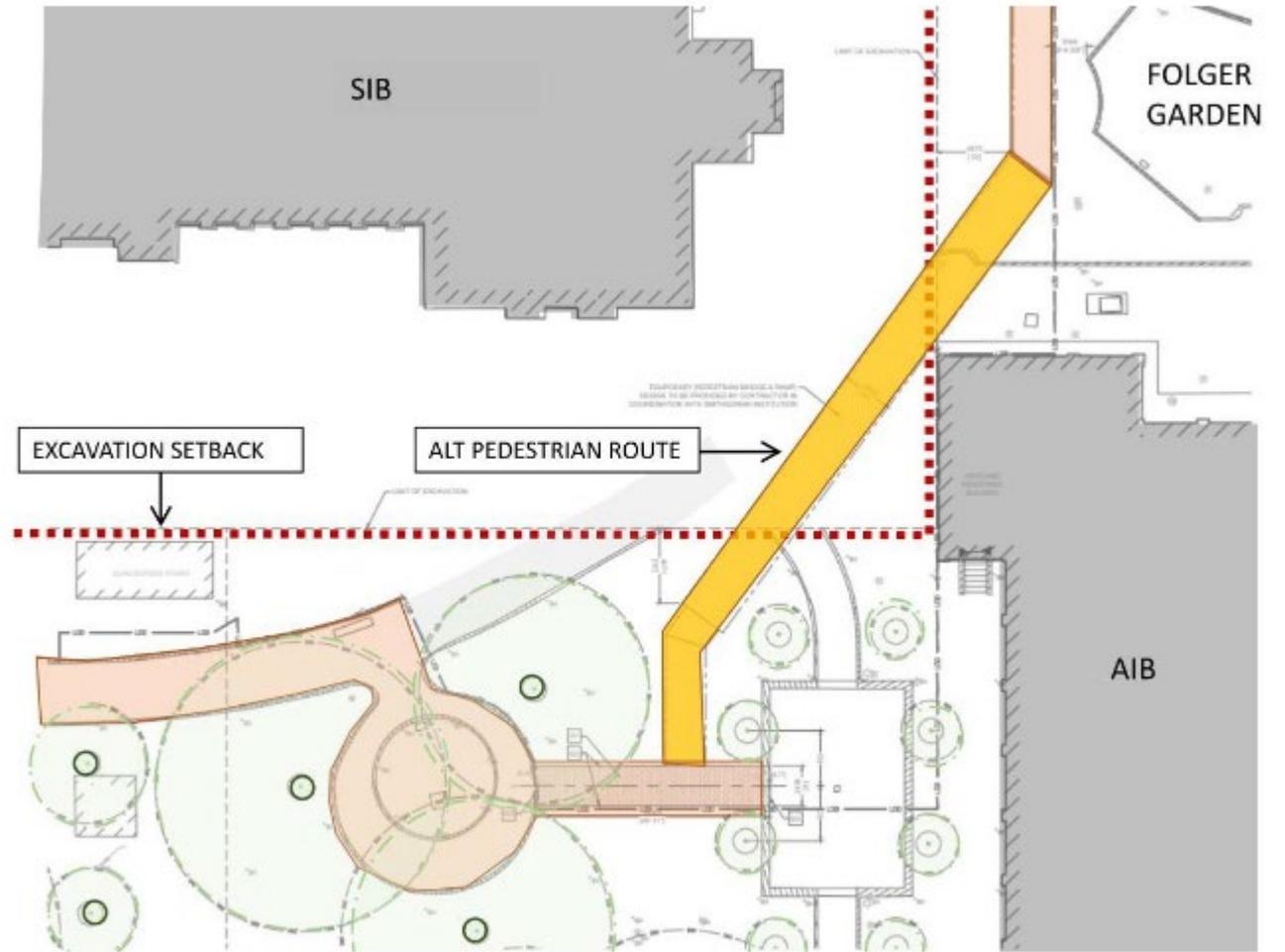
HAUPT GARDEN ACCESS 2023-2026 | TEMPORARY PATHWAY AT NORTHEAST



Temporary Pedestrian Bridge

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

- 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.



Alternative pedestrian route around The Castle's east side.

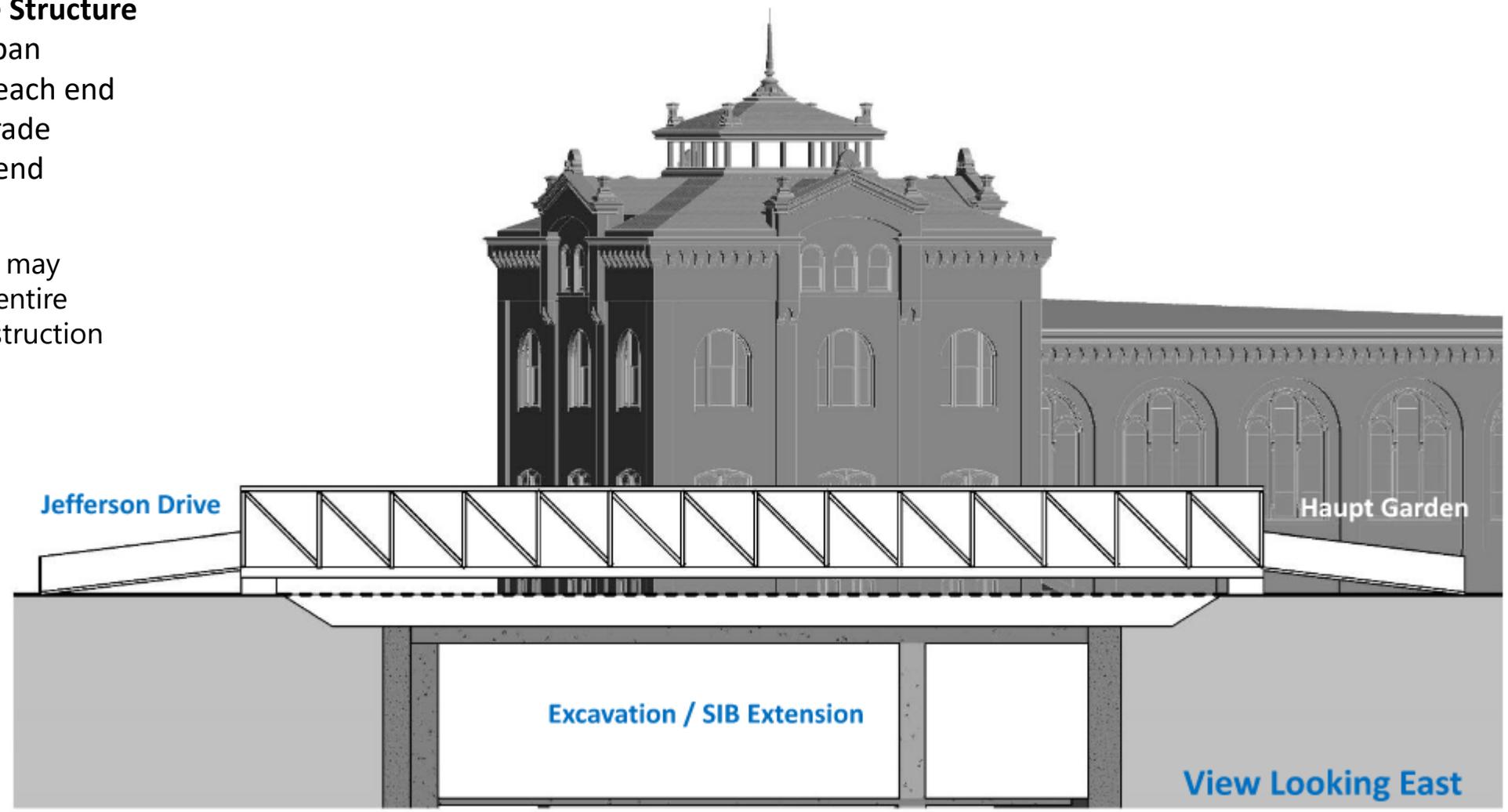
SMITHSONIAN INSTITUTION BUILDING (SIB)

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

- Alternate pedestrian routes may remain in place during the entire RoHC Revitalize Castle construction (Phase 1 and 2).



CONDITIONAL NO ADVERSE EFFECT

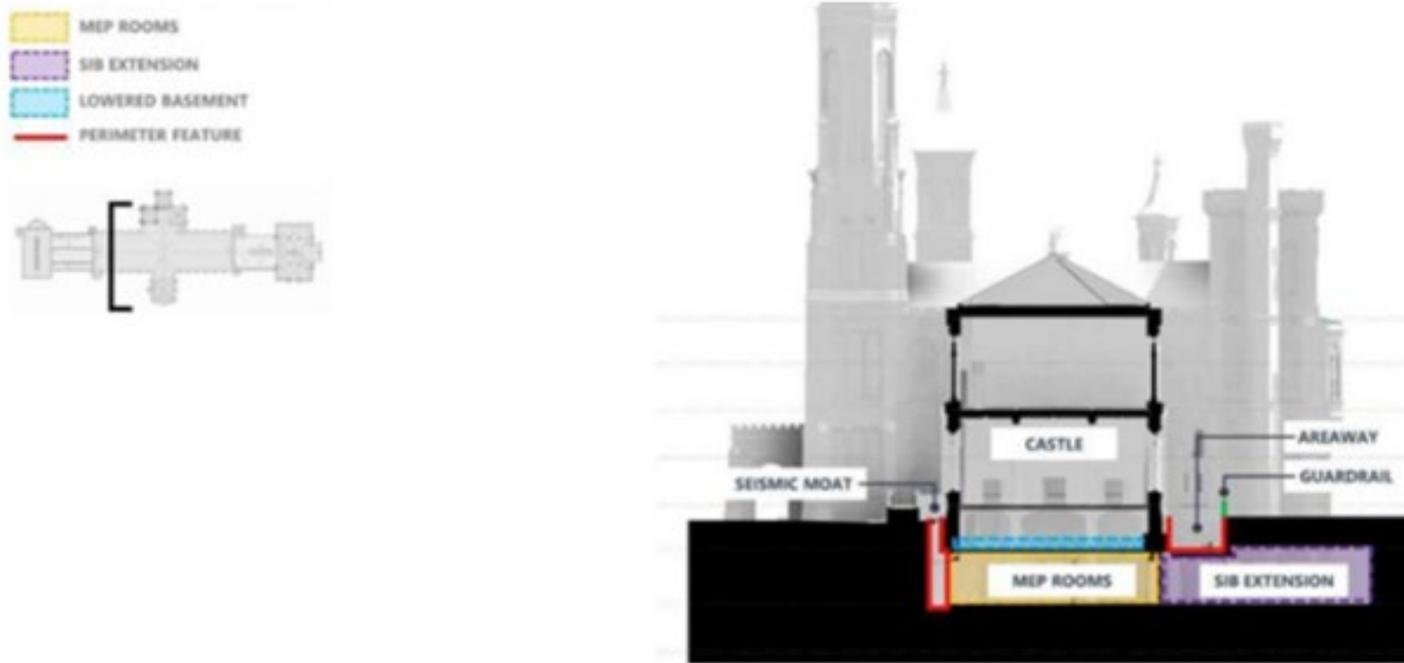
- Hardscape materials will be salvaged and reinstalled in their original locations.
- Maintenance of pedestrian access and circulation during construction is in accordance with Stipulation 7.D (Implementation of Projects – Campus Circulation) of the South Mall Master Plan Programmatic Agreement.
- The creation of alternate pedestrian routes has the potential to adversely effect the Castle’s Setting due to changed pathways and/or landbridge.
- 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 returned use of the Haupt Garden circulation path south of the Castle.
 2. Hardscape materials are salvaged and reinstalled in their original locations.
 3. Turf and landscape plantings are returned.

CUMULATIVE EFFECTS OF PHASE 1 ACTIVITIES

Adverse Effect

SMITHSONIAN INSTITUTION BUILDING (SIB)

CUMULATIVE EFFECTS OF PHASE 1 ACTIVITIES

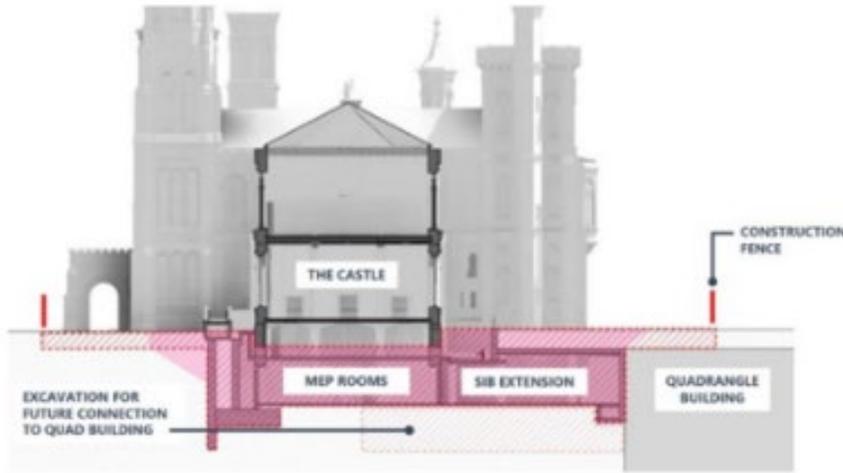


Transverse section with full extent of excavation beneath and adjacent to the Castle.

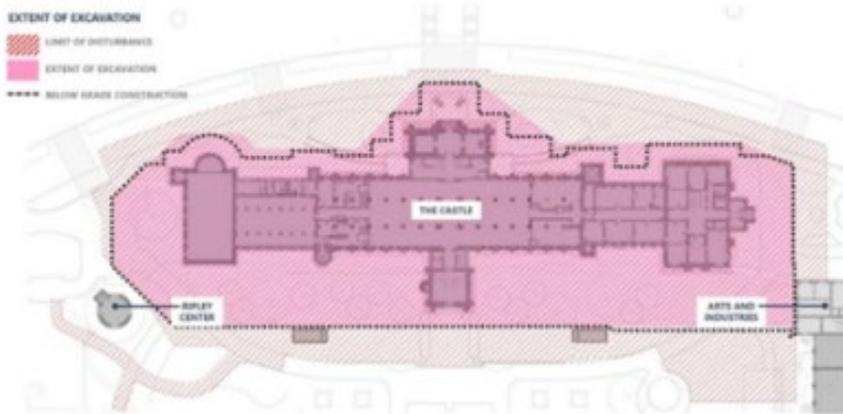
- Seismic control joint will be visible immediately adjacent to the base of the Castle at-grade, and visible around the porte cochere in the sidewalk. This has an adverse effect on the Castle and National Mall Settings.
- Proposed below-grade areaways and wells alter the Castle's relationship with the ground plane.
- Areaways, window wells, and their 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 106 consultation.
- There is the potential for construction related adverse effects from excavation or building vibration. Construction activities will be temporarily halted should any vibration, settlement, or unanticipated circumstances exceed the safe limits outlined in the Monitoring Plan.
- Cumulative adverse effect from excavation work is conditional, provided the site is restored after construction is complete, including reinstallation of salvaged hardscape pavers and plantings.

SMITHSONIAN INSTITUTION BUILDING (SIB)

CUMULATIVE EFFECTS OF PHASE 1 ACTIVITIES



Transverse Castle section. Limit of Disturbance noted with a red hatch mark, and construction fencing with red.



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.
- Construction fencing will obscure the base of the Castle around the Limit of Disturbance during Phase 1 construction activities.
- Alternate pedestrian routes may remain in place during the entire RoHC Revitalize Castle construction (Phase 1 and 2).
- Construction fencing and alternate pedestrian routes will have a temporary adverse effect on the Castle and its setting. When the Castle opens for 2026 activities, construction fencing will be removed. When construction resumes, construction fencing will be erected.
- Cumulative adverse effects from construction fencing and alternate pedestrian routes are conditional, provided the site is restored after construction is complete, including reinstallation of salvaged hardscape pavers and plantings.

PRELIMINARY EFFECT DETERMINATIONS FOR PHASE 2

Assessment of Effects on Historic Resources

RoHC Revitalize Castle

November 2022

Assessment of Effects on Historic Resources

Assessment of Effects on Historic Resources – Phase 2

The following provides an assessment of effects of each feature or action of the RoHC Revitalize Castle. The effect determination is based on the criteria of adverse effect. For more images and information on each action and assessment, please refer to the presentation materials from past Section 106 Consulting Parties meetings available on the project webpage. Phase 2 contains the remaining design actions for consultation to complete the RoHC Revitalize Castle project.

Site	
Feature/Action	Design Details
New Landscape Planting Plan	<ul style="list-style-type: none"> - Landscape features and hardscape displaced by the project limit of disturbance will be replaced in-kind. - Character of the landscape will be maintained. - Tree plantings will be setback from the Castle.
Images	Additional Information
 <p>Existing landscape character, south of the Castle.</p>  <p>Final landscape plan – To be updated in Phase 2 consultation.</p>	<ul style="list-style-type: none"> - Setting of the Castle is a character defining feature. - Haupt Garden is documented in the National Mall Historic District nomination as part of the landscape setting, not as a contributing element. - Current tree plantings are immediately adjacent to the Castle causing biological growth on the Seneca sandstone. Setting the trees back slightly from the Castle will remediate this problem. - Landscape settings feature a mix of large structural trees (evergreen and deciduous), large shrubs/small trees, low shrubs, and groundcover. Diversity and hierarchy of plantings will be maintained.

Preliminary Effect Determination – No Adverse Effect

- Phase 2 effect determinations are preliminary based on the current design development.
- Assessment of Effects report will be updated in consultation to finalize Phase 2 effect determinations
- Assessment of Effects report will be included in the Programmatic Agreement



Phase 2 Design Action	Preliminary Effect Determination
New Landscape Planting Plan	No Adverse Effect
Perimeter Security	Adverse Effect
Lighting	No Adverse Effect
South Tower Elevator – Exterior Alterations	Adverse Effect
South Tower Elevator – Interior Effects	Adverse Effect
Areaways and Window Wells - Finishes	Phase 1 Adverse Effect (Intensity or minimize adverse effect)
Seismic Control Joint Cover Plate - Finishes	Phase 1 Adverse Effect (Intensity or minimize adverse effect)
Emergency Generator	Adverse Effect
In-Kind Replacement of Roof Materials	No Adverse Effect
Roof Modifications – Energy Improvements, Including Increases in Roof Thickness	No Adverse Effect
Modifications to Rooftop Mechanical Penthouses	Adverse Effect
Installation of New East Wing 4th Floor Egress	Adverse Effect
Replacement and Restoration of Windows	Adverse Effect
Replacement and Restoration of Windows – Interior Effects	Adverse Effect
Exterior Masonry Restoration	No Adverse Effect
New Basement Windows	Adverse Effect
Basement Egress Doors	Adverse Effect
Basement Level Interior Alterations – Lowering of the Basement Floor, New Basement Window Openings, and Egress Paths to Basement Level Egress Doors	Adverse Effect
Alterations at the South Entrance to Improve Accessibility	No Adverse Effect
Accessible Walkways at the North Entrance	No Adverse Effect
Cumulative Effects on the Castle	Adverse Effect
Cumulative Effects on the National Mall Historic District	Adverse Effect



Questions or Comments

MODERATOR

Carly Bond, Historic Preservation Specialist, Smithsonian Facilities

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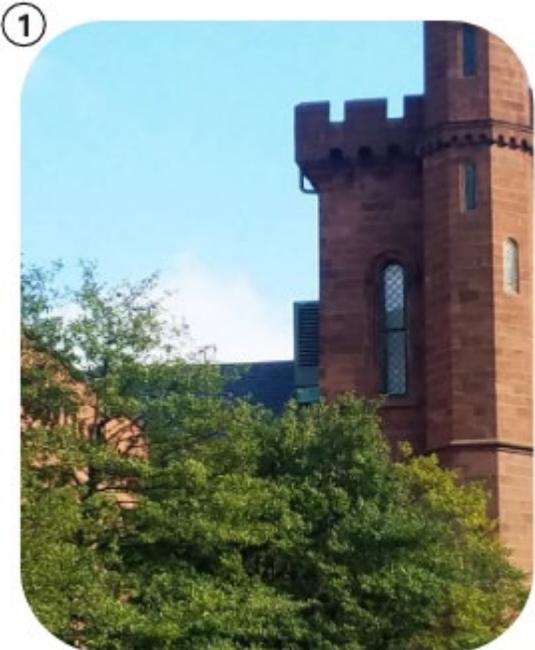
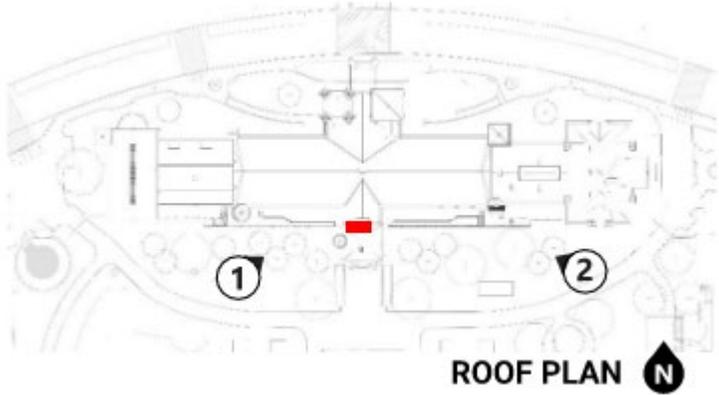


OTHER REVIEW TOPICS

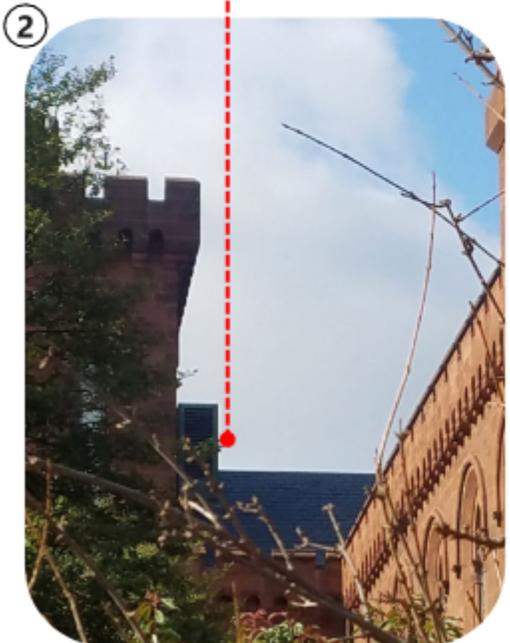
SOUTH TOWER ELEVATOR PENTHOUSES AND LOUVERED PENTHOUSE

SMITHSONIAN INSTITUTION BUILDING (SIB)

SIB EXISTING SOUTH TOWER PENTHOUSE

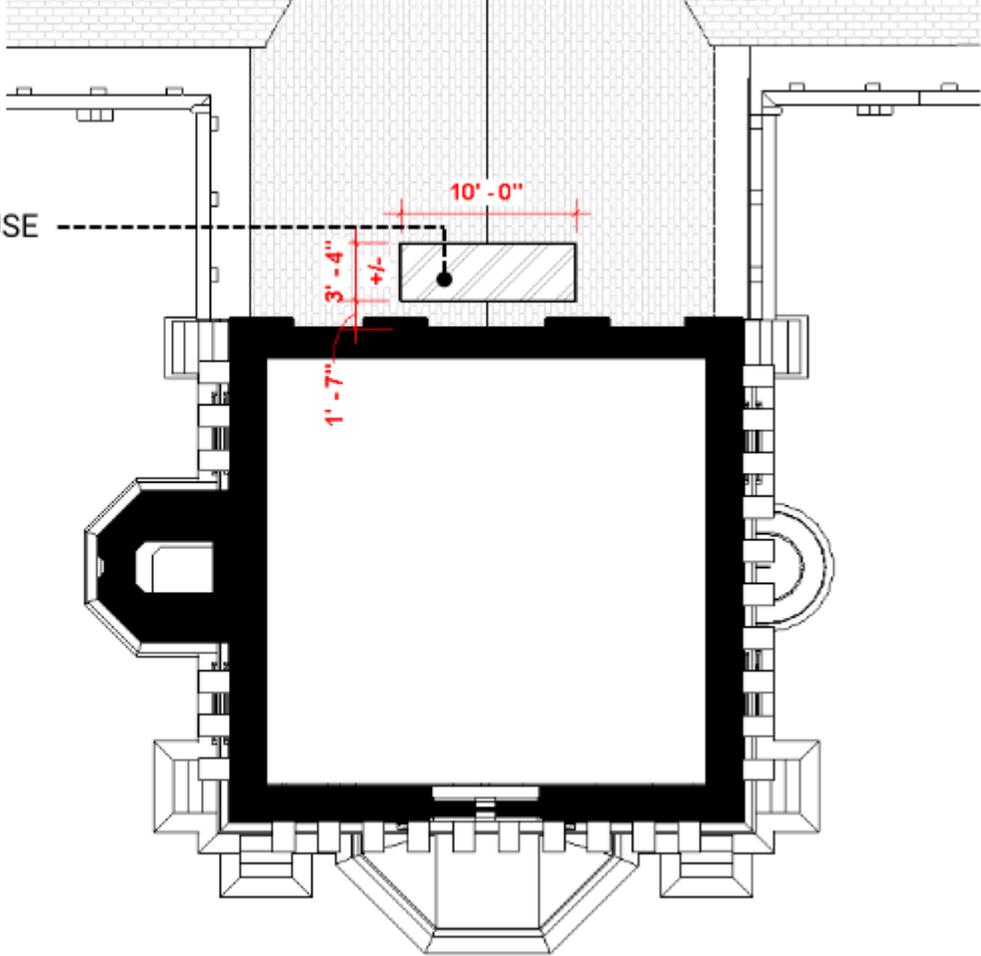


VIEW FROM LANDSCAPE – LOOKING NE



VIEW FROM LANDSCAPE – LOOKING NW

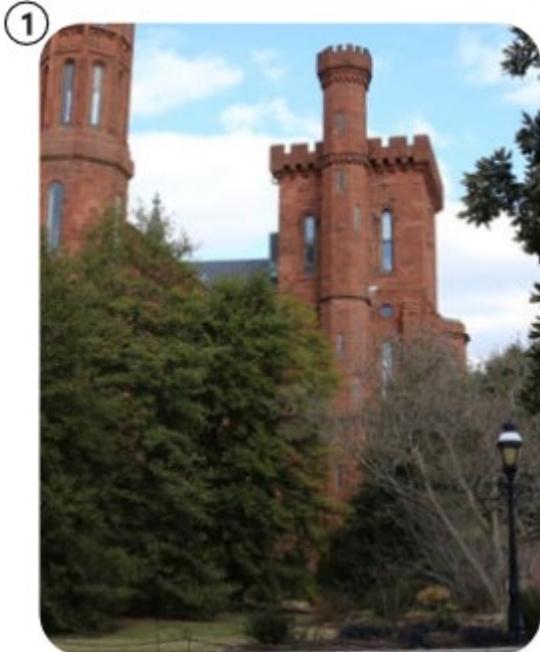
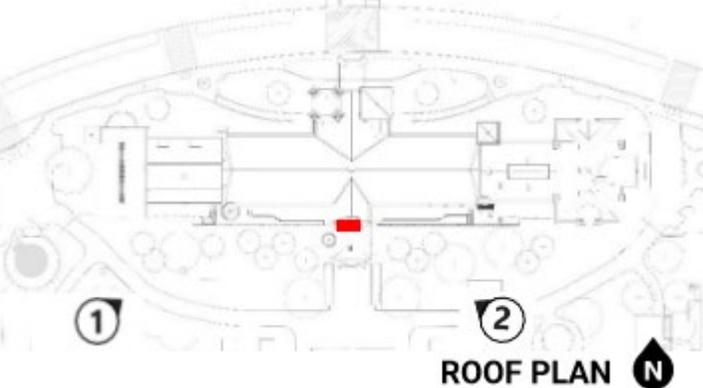
EXISTING LOUVERED PENTHOUSE
(MECHANICAL INTAKE)



PARTIAL PLAN

SMITHSONIAN INSTITUTION BUILDING (SIB)

SIB EXISTING SOUTH TOWER PENTHOUSE

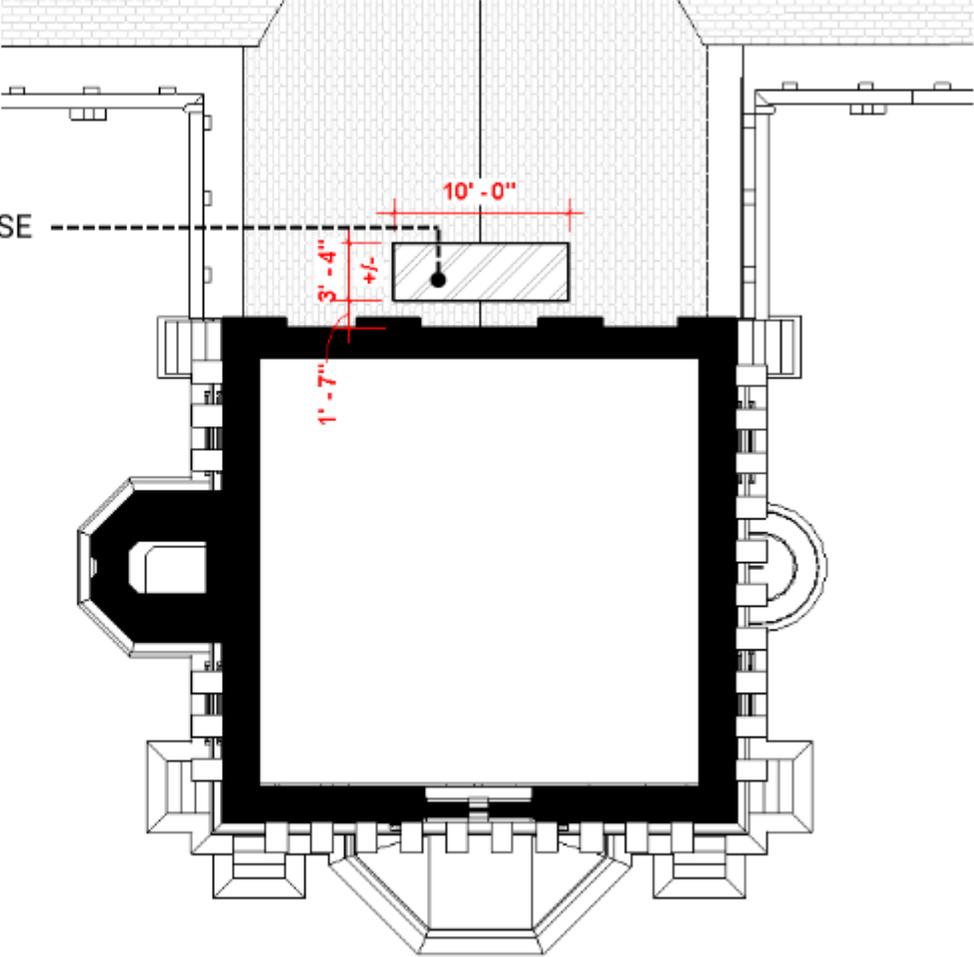


VIEW FROM WALKWAY – LOOKING NE



VIEW FROM WALKWAY – LOOKING NW

EXISTING LOUVERED PENTHOUSE (MECHANICAL INTAKE)



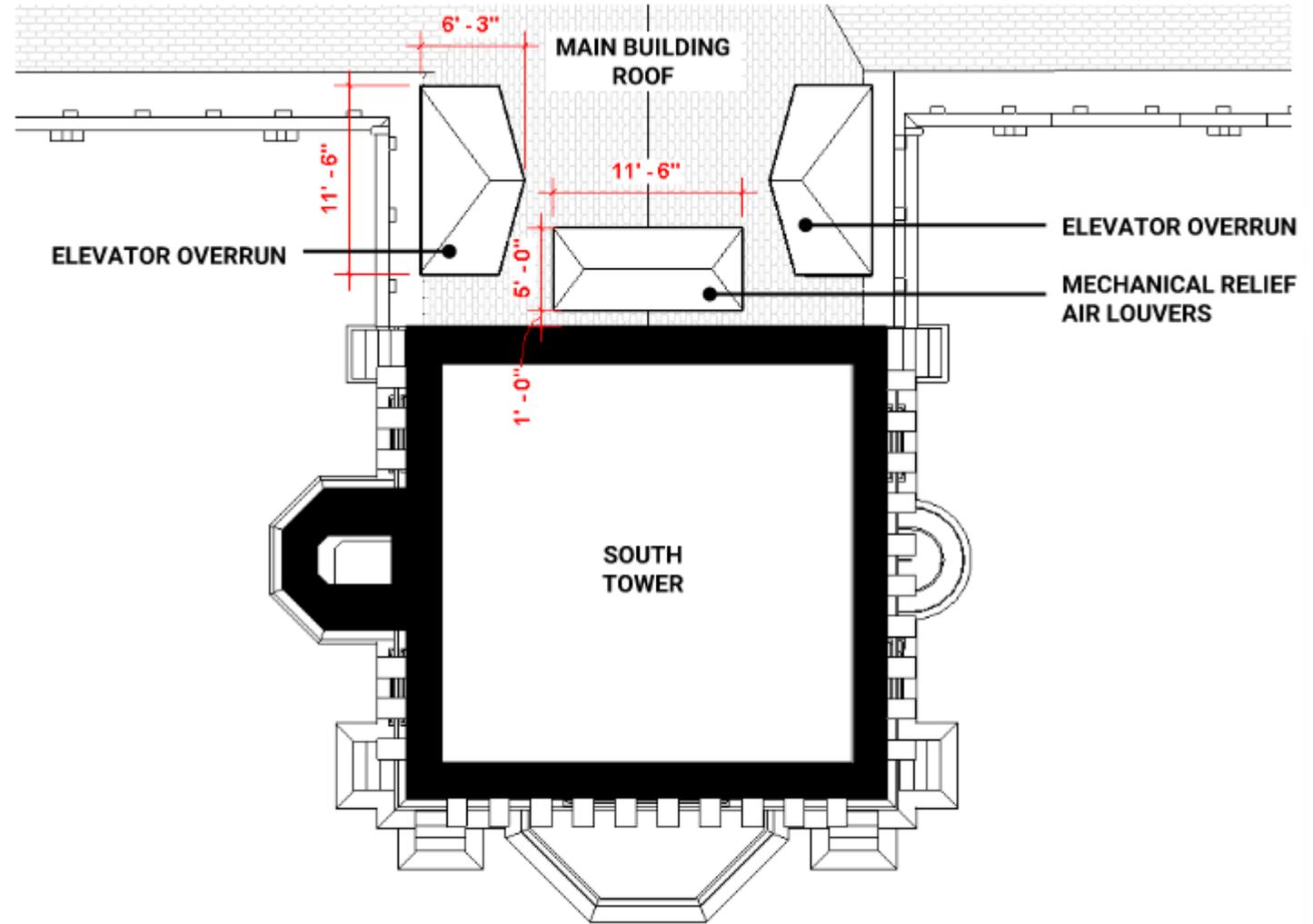
PARTIAL PLAN

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES – SLOPED ROOFS

FEATURES

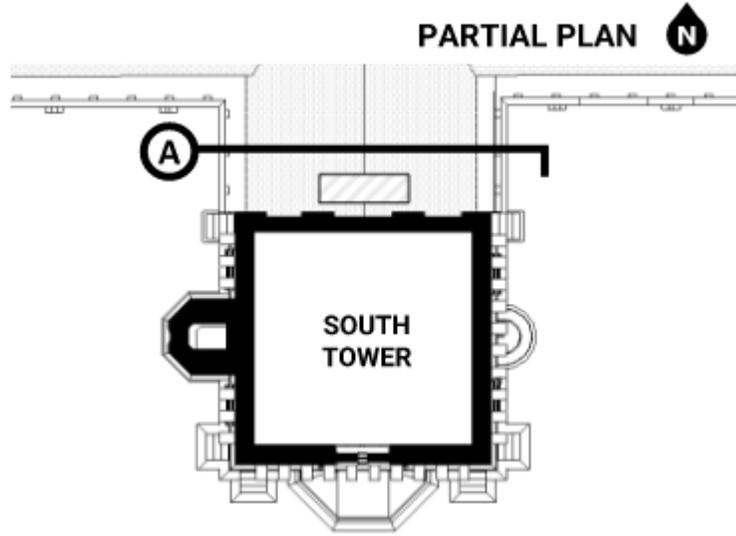
- FINAL STOP FOR ELEVATORS IN THE SOUTH TOWER IS FOUR FEET ABOVE LEVEL 4 IN THE MAIN BUILDING.
- ELEVATOR OVERRUNS & LOUVERED PENTHOUSE ARE AS SMALL AS POSSIBLE (MINIMUM 100 SQUARE FEET OF AREA REQUIRED FOR MECHANICAL RELIEF AIR).
- PENTHOUSE IS FREESTANDING FROM THE NORTH WALL OF THE SOUTH TOWER
- VERTICAL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



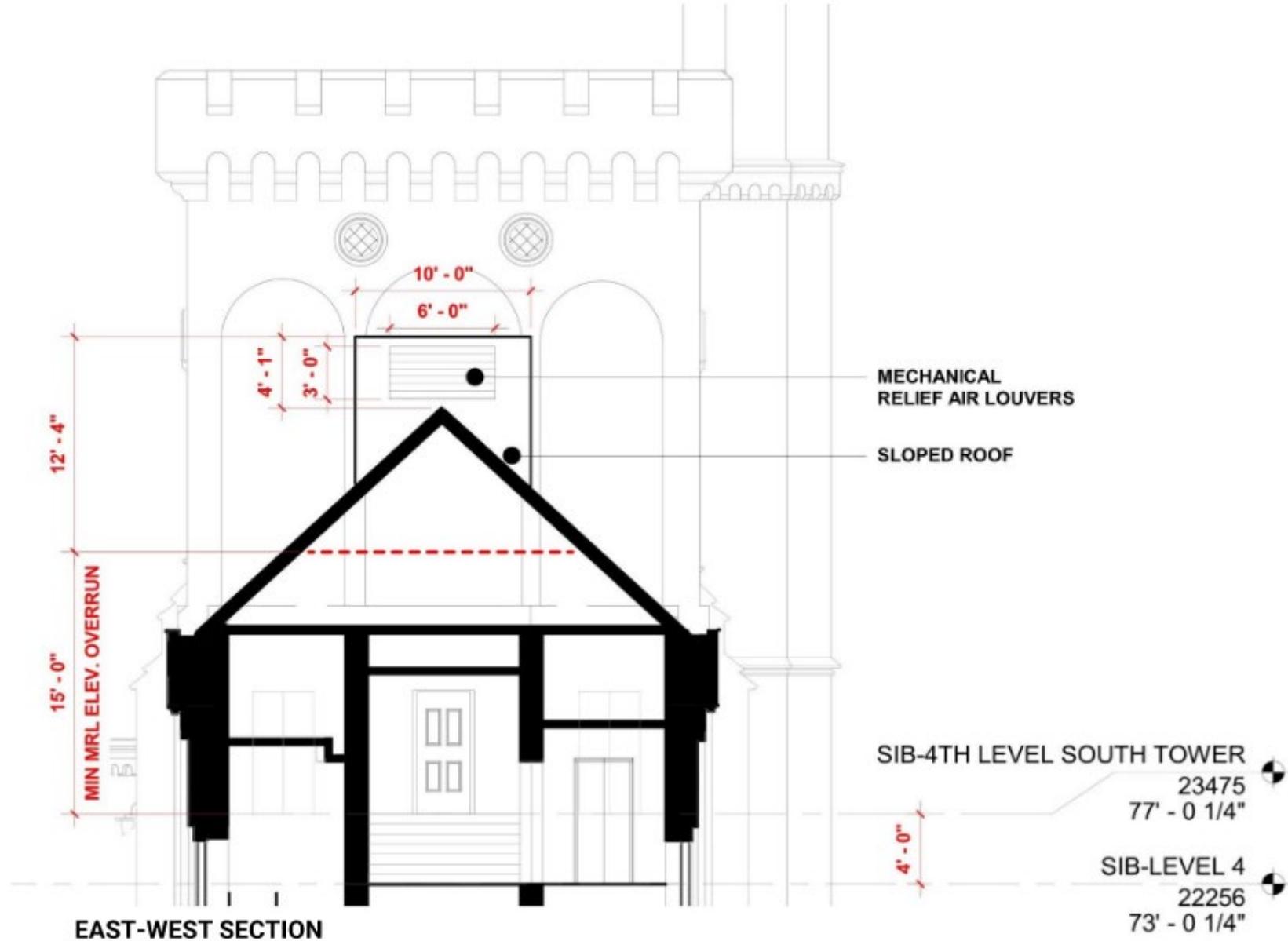
ENLARGED PLAN (SLOPED ROOFS) 

SMITHSONIAN INSTITUTION BUILDING (SIB)

SIB EXISTING SOUTH TOWER PENTHOUSE



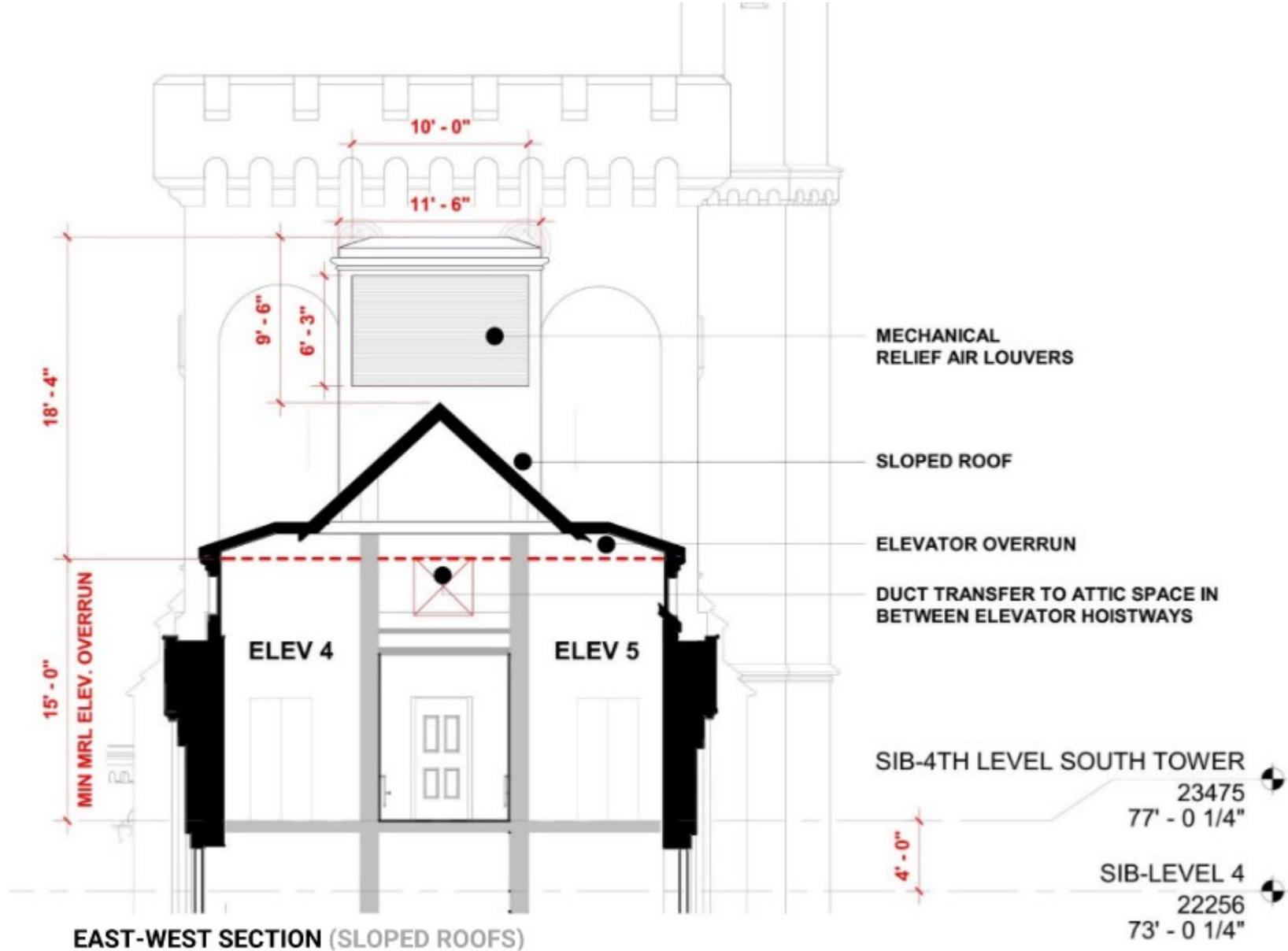
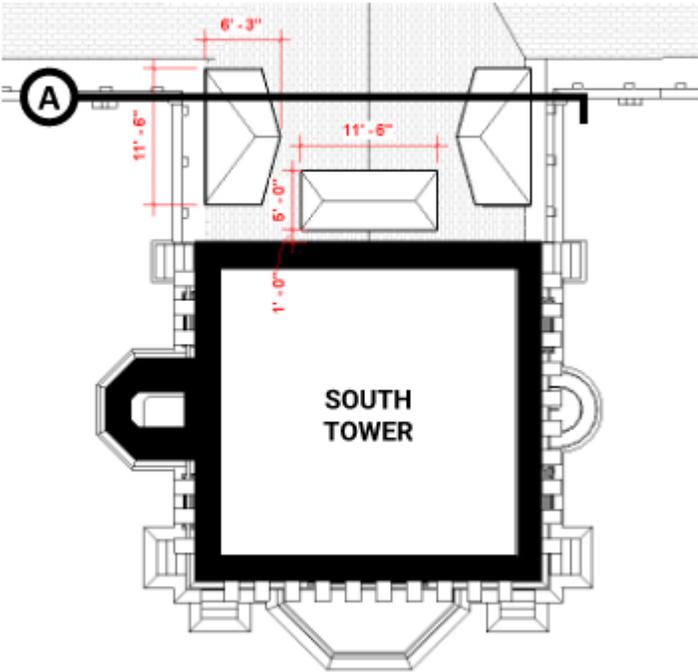
EXISTING CONDITION



SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES – SLOPED ROOFS

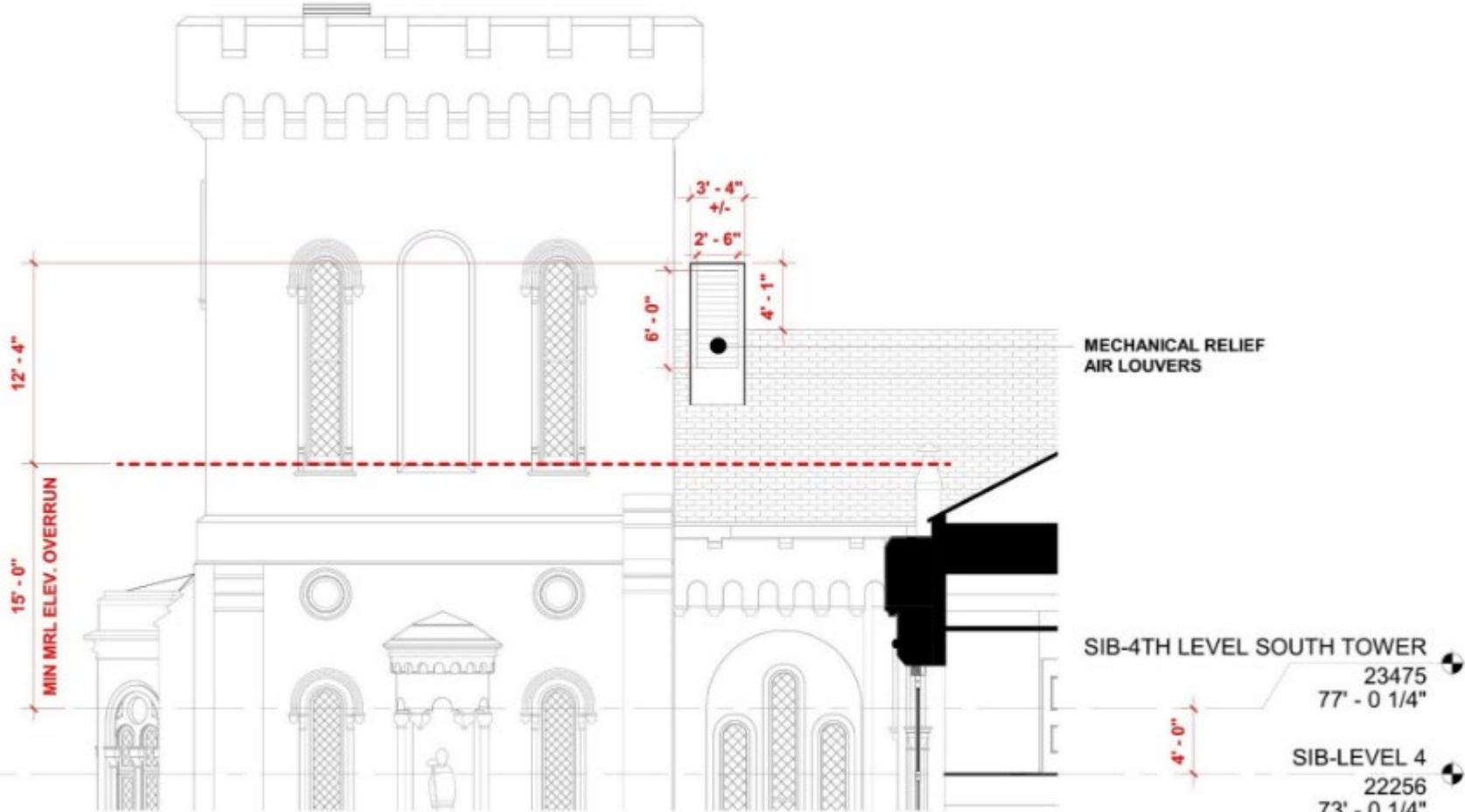
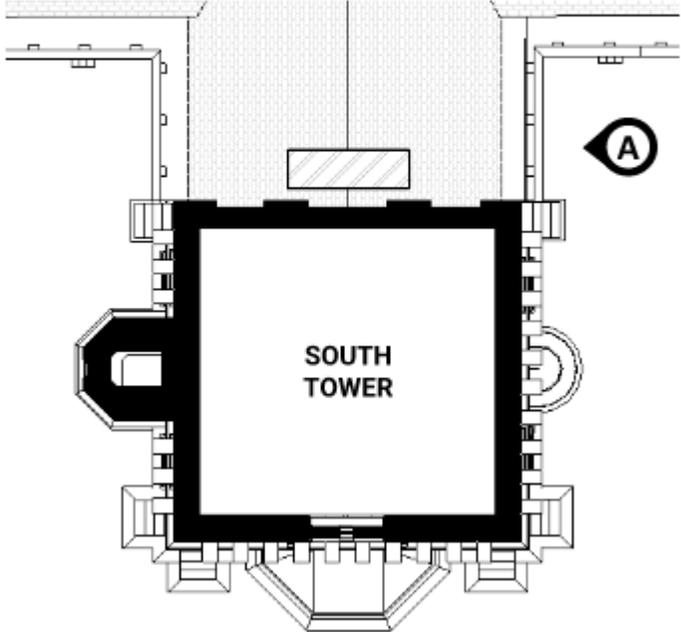
PARTIAL PLAN



SMITHSONIAN INSTITUTION BUILDING (SIB)

SIB EXISTING SOUTH TOWER PENTHOUSE

PARTIAL PLAN 

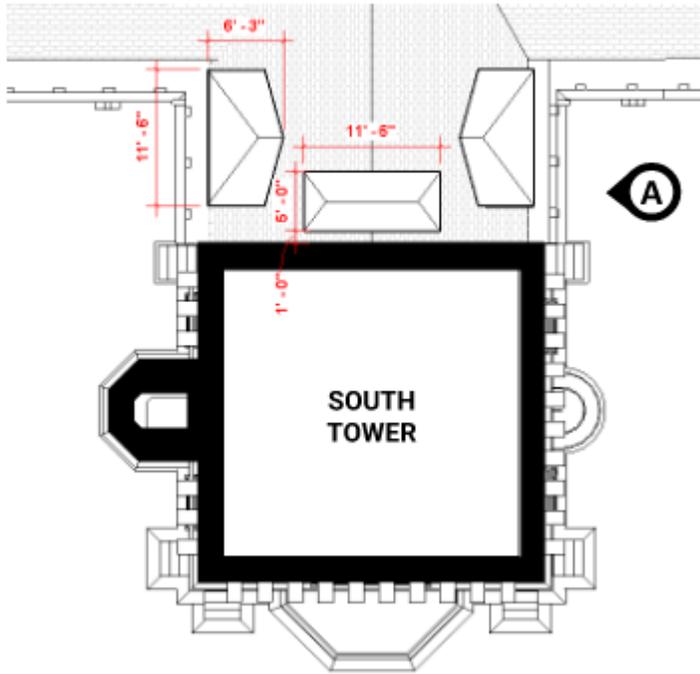


EAST ELEVATION

SMITHSONIAN INSTITUTION BUILDING (SIB)

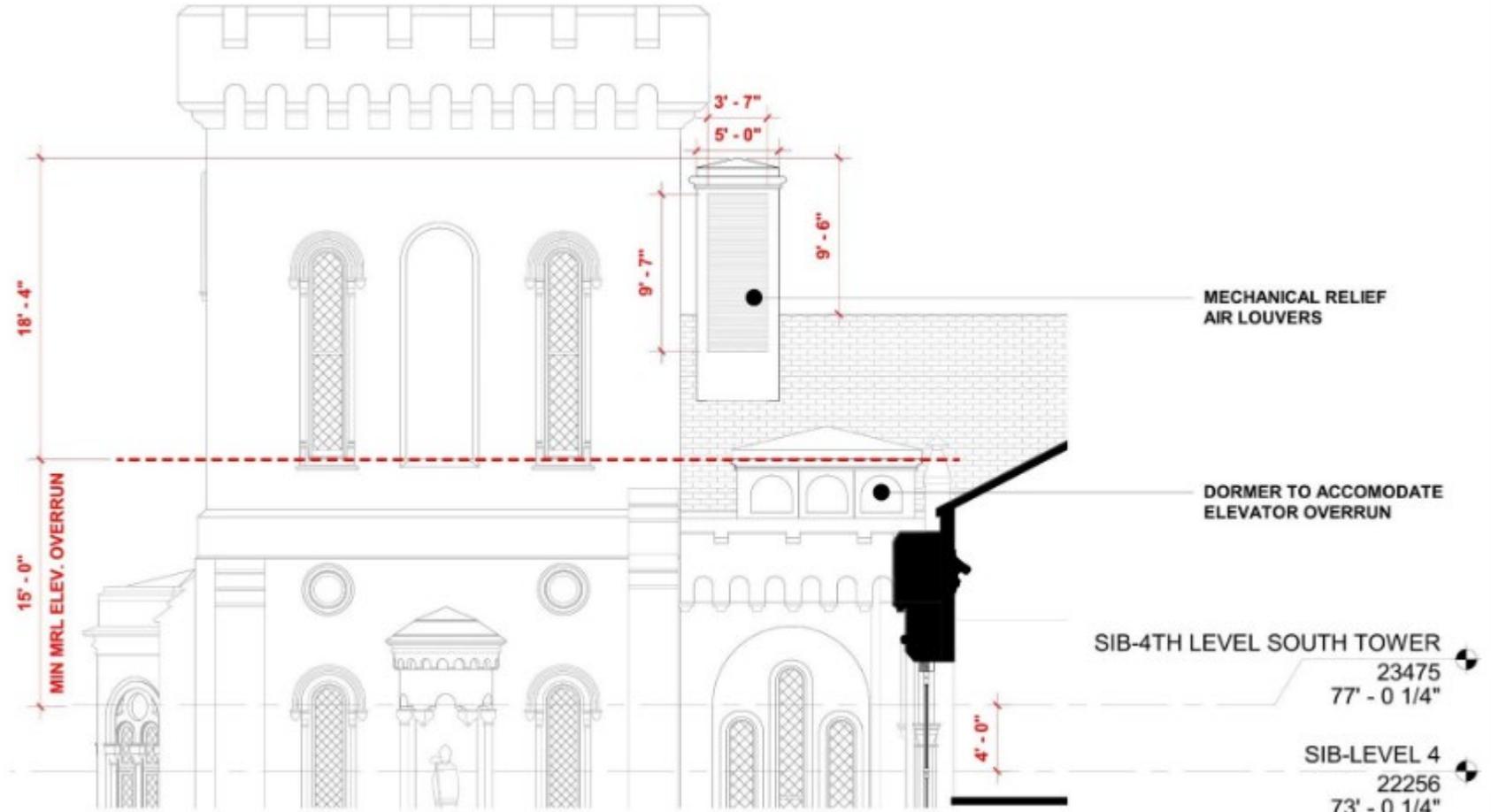
PROPOSED PENTHOUSES – SLOPED ROOFS

PARTIAL PLAN 



LOUVERED PENTHOUSE

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

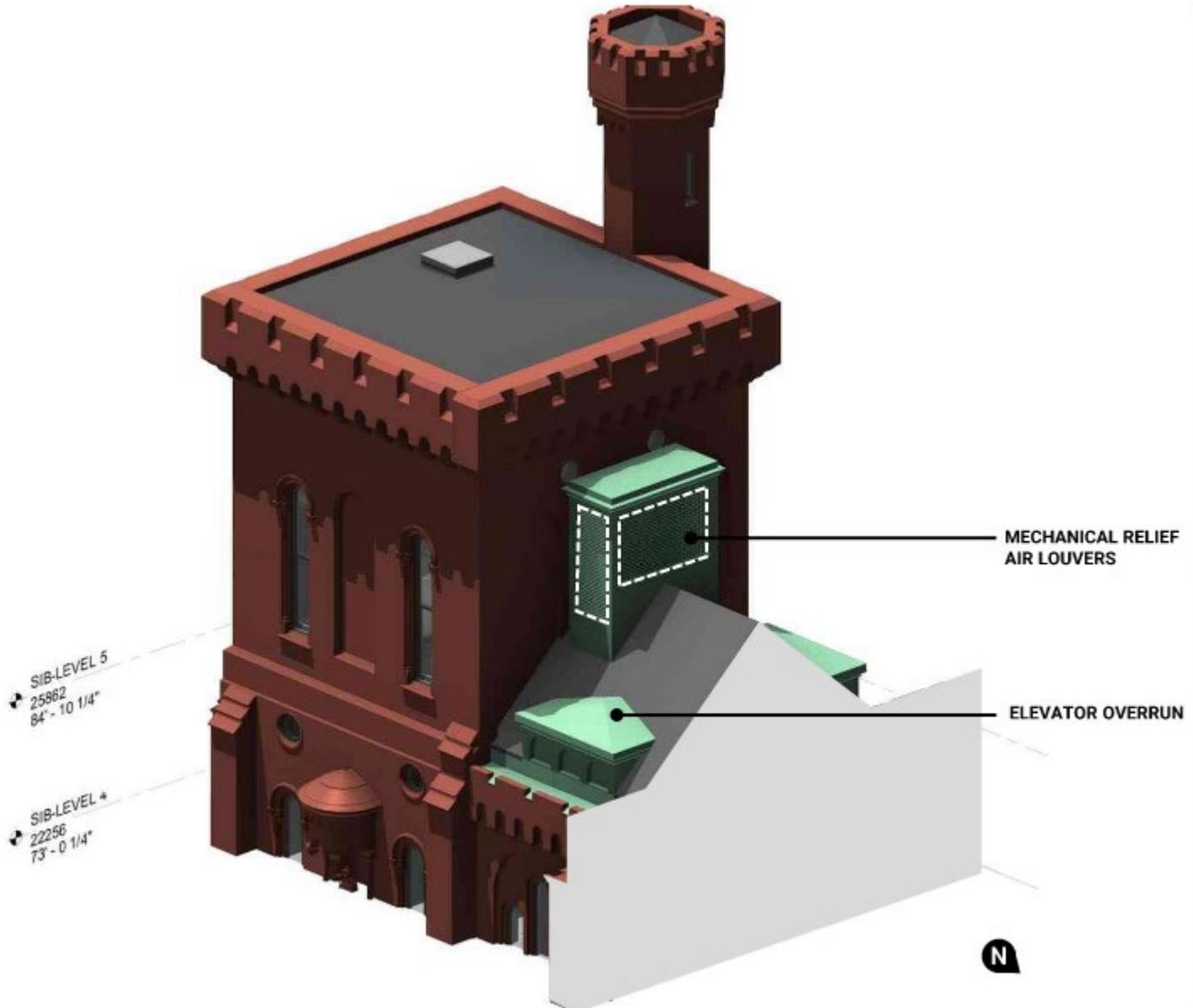
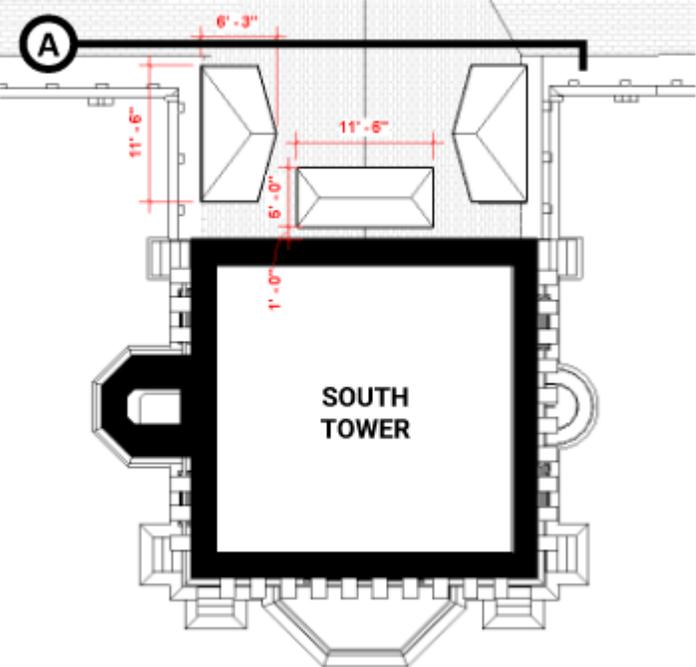


EAST ELEVATION (SLOPED ROOFS)

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES – SLOPED ROOFS

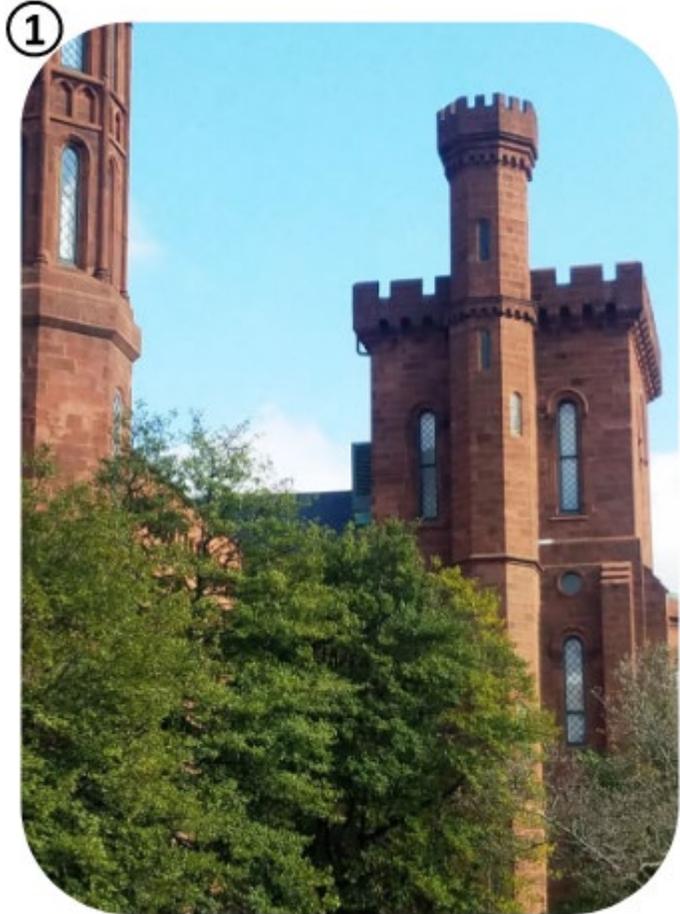
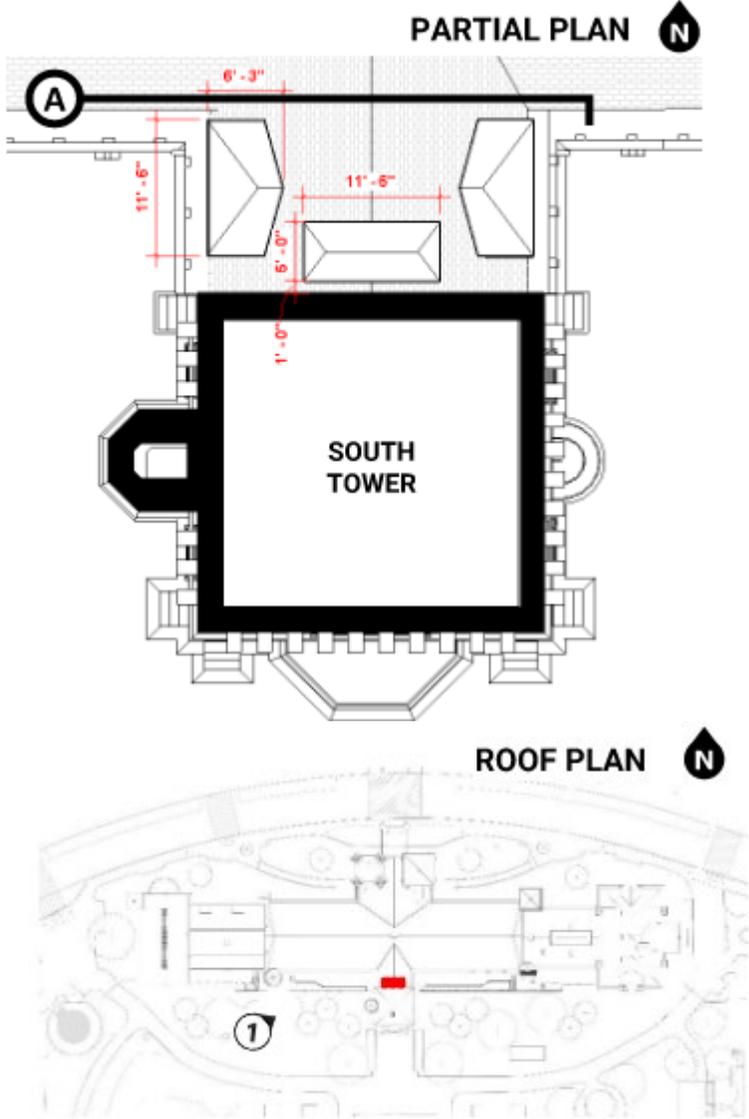
PARTIAL PLAN 



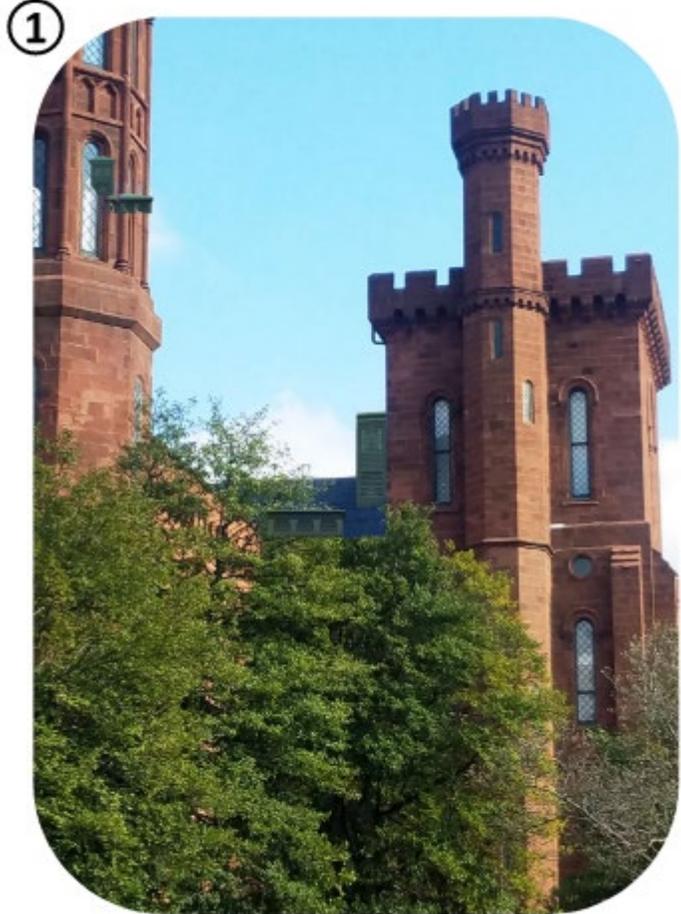
PARTIAL AXONOMETRIC VIEW – LOOKING SW (SLOPED ROOFS)

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES – SLOPED ROOFS



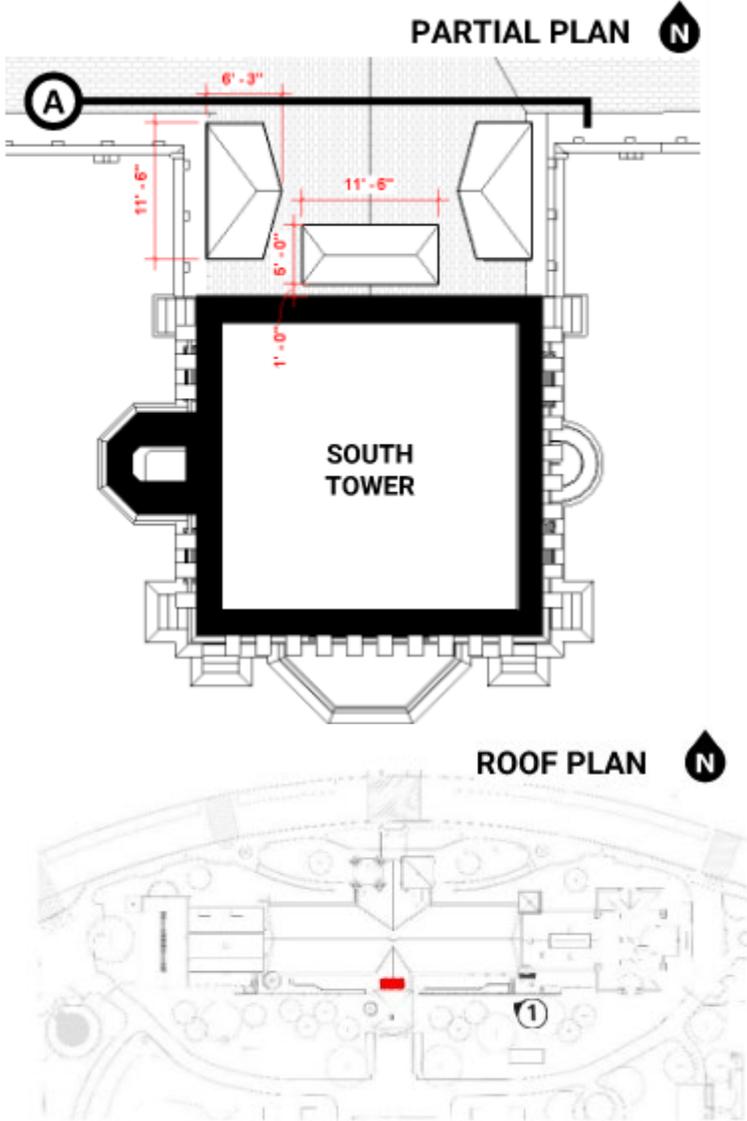
EXISTING VIEW FROM GRADE – LOOKING NE



VIEW FROM GRADE OF THE PROPOSED PENTHOUSE – LOOKING NE

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES – SLOPED ROOFS



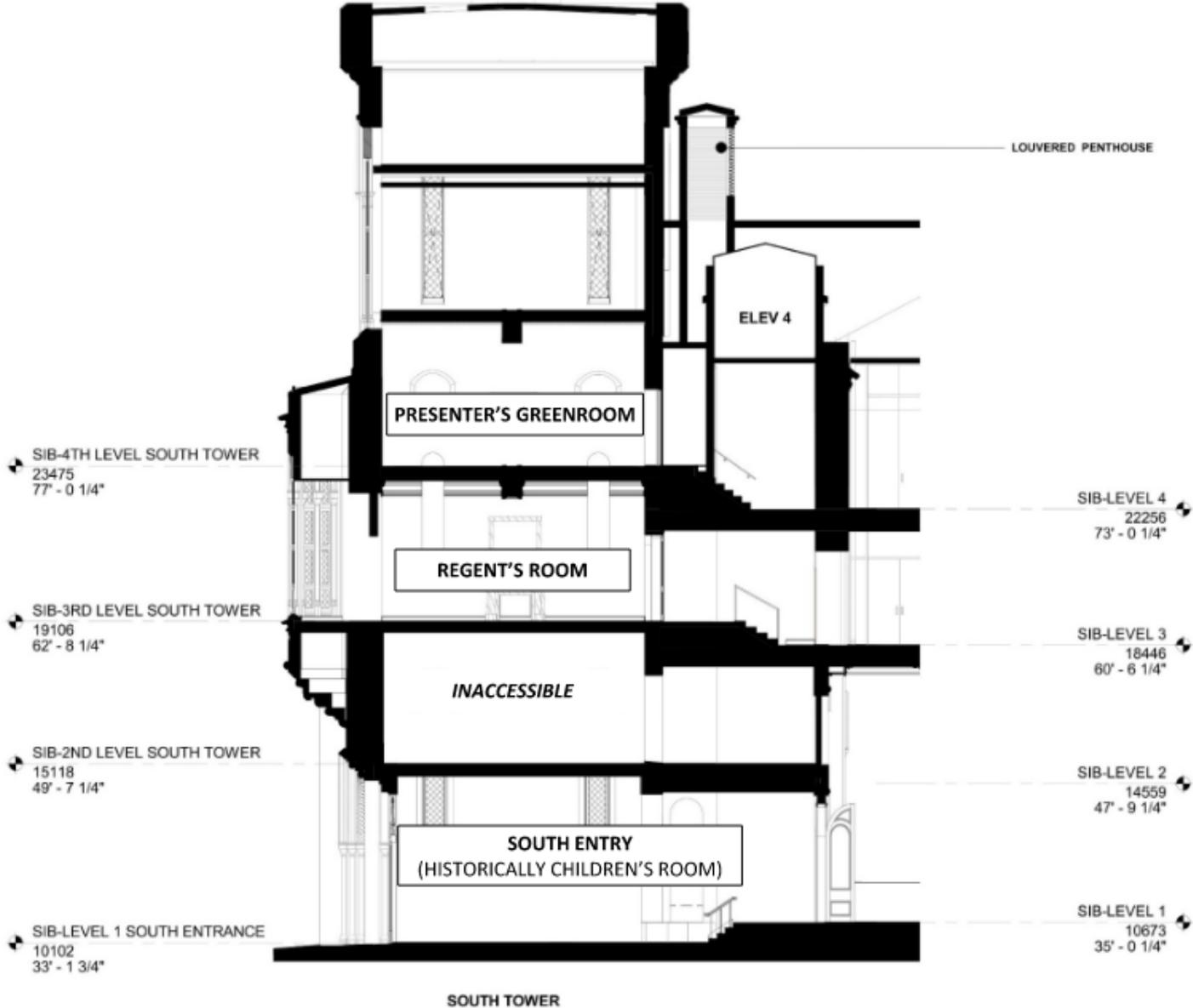
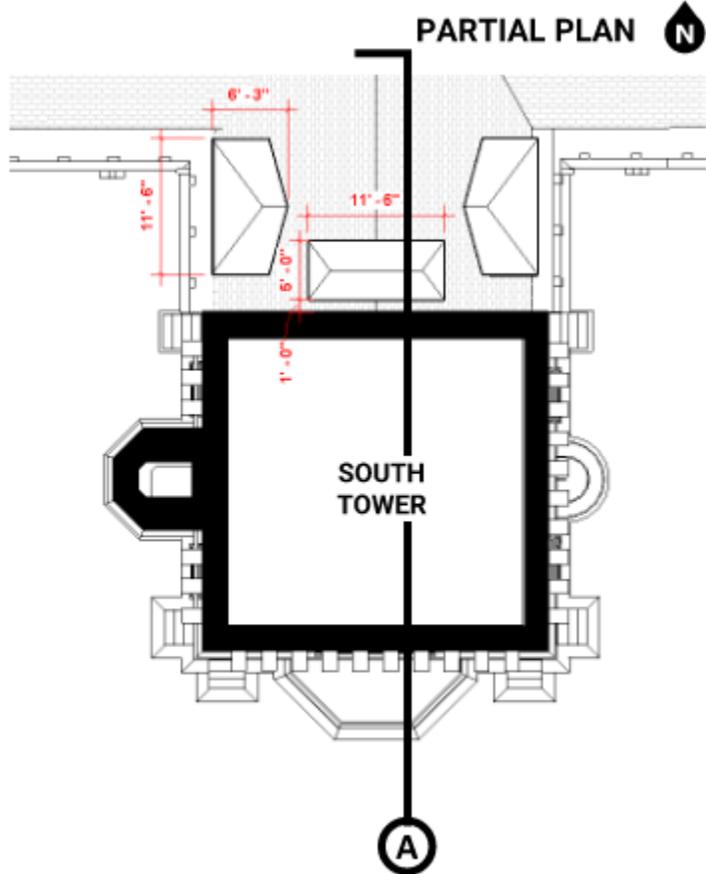
EXISTING VIEW FROM GRADE – LOOKING NW



VIEW FROM GRADE OF THE PROPOSED PENTHOUSE – LOOKING NW

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES – SLOPED ROOFS SECTION AT SOUTH TOWER



SOUTH TOWER LOUVERS

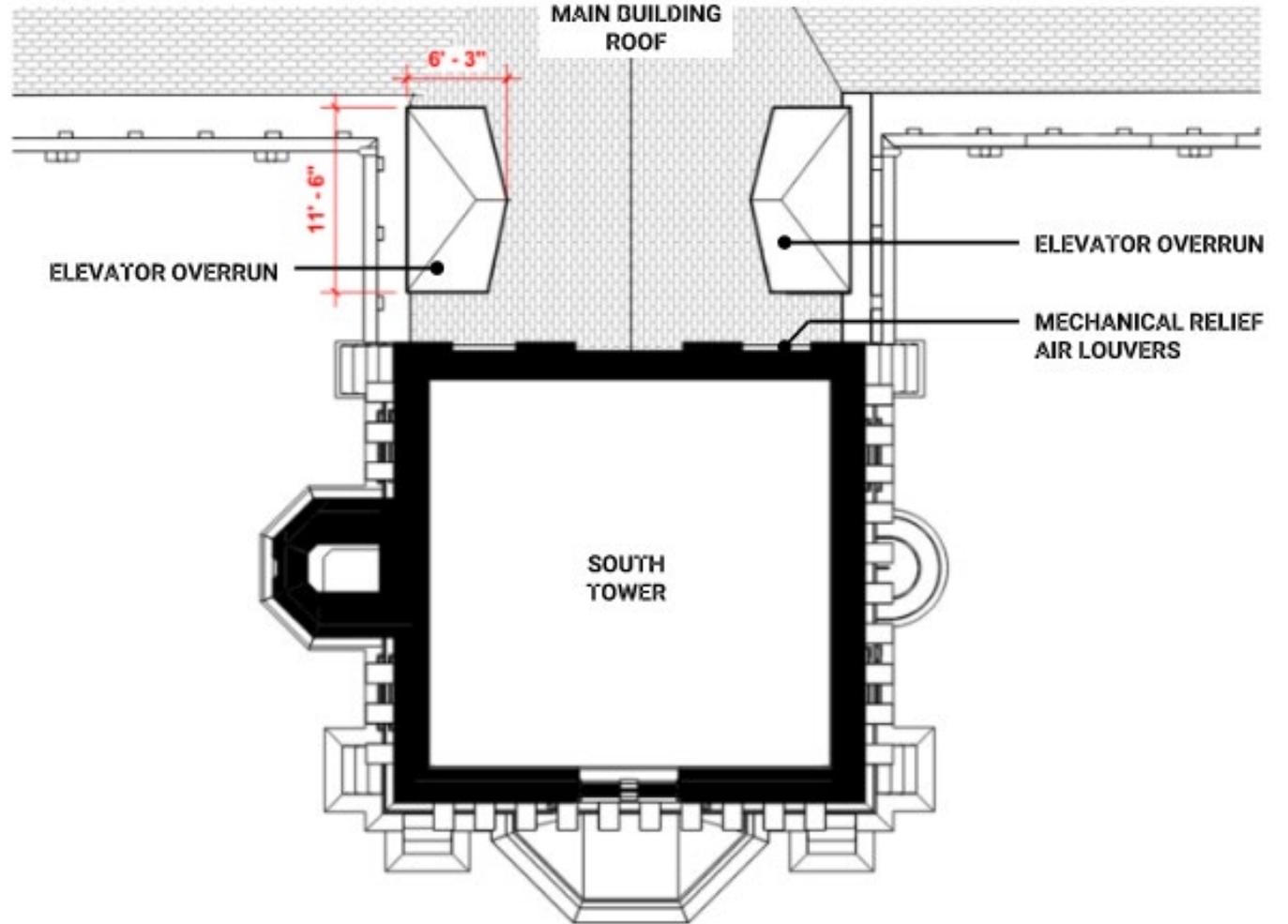
ALTERNATIVE

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED ALTERNATIVE – WALL LOUVERS

FEATURES

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



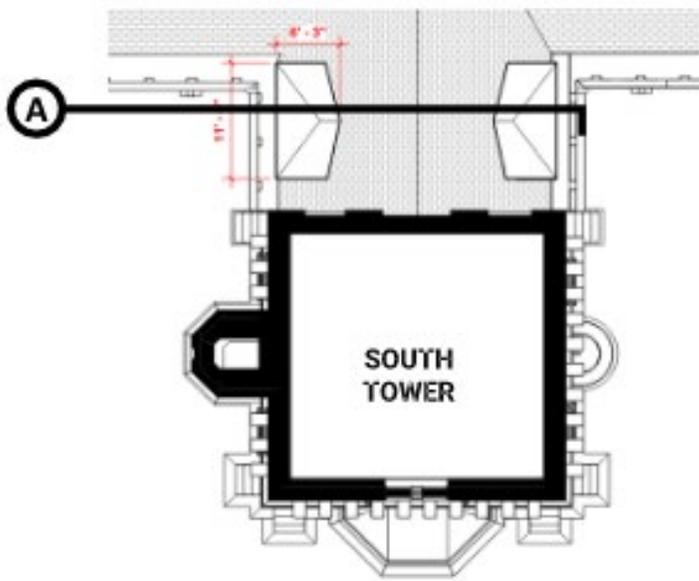
ENLARGED PLAN (AIR LOUVERS THROUGH SOUTH TOWER WALL)



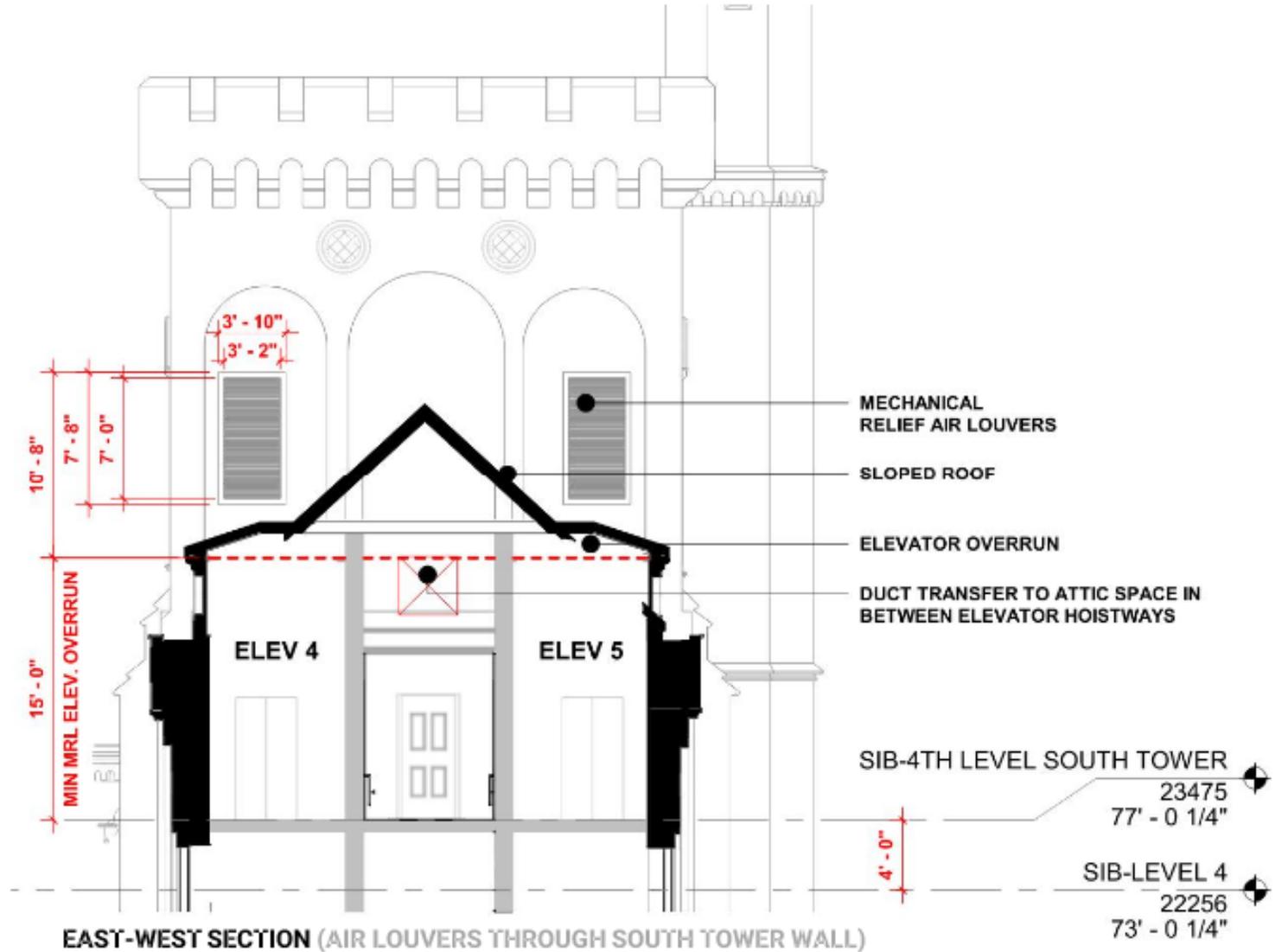
SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED ALTERNATIVE – WALL LOUVERS

PARTIAL PLAN 

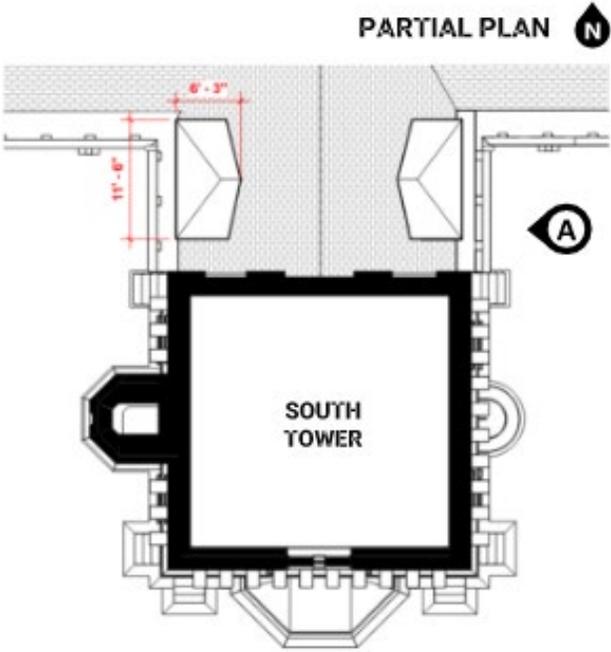


EXISTING CONDITION



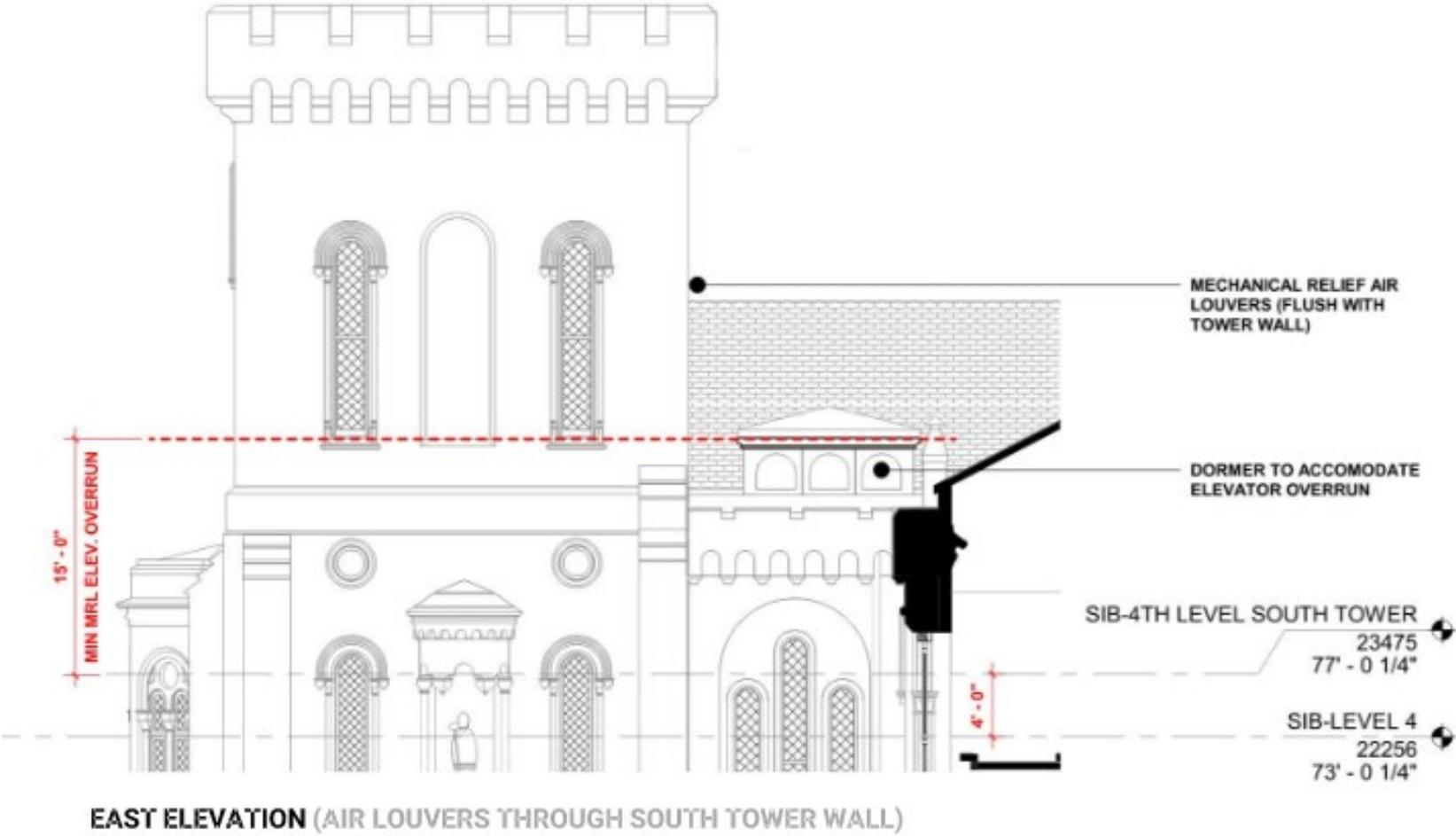
SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED ALTERNATIVE – WALL LOUVERS



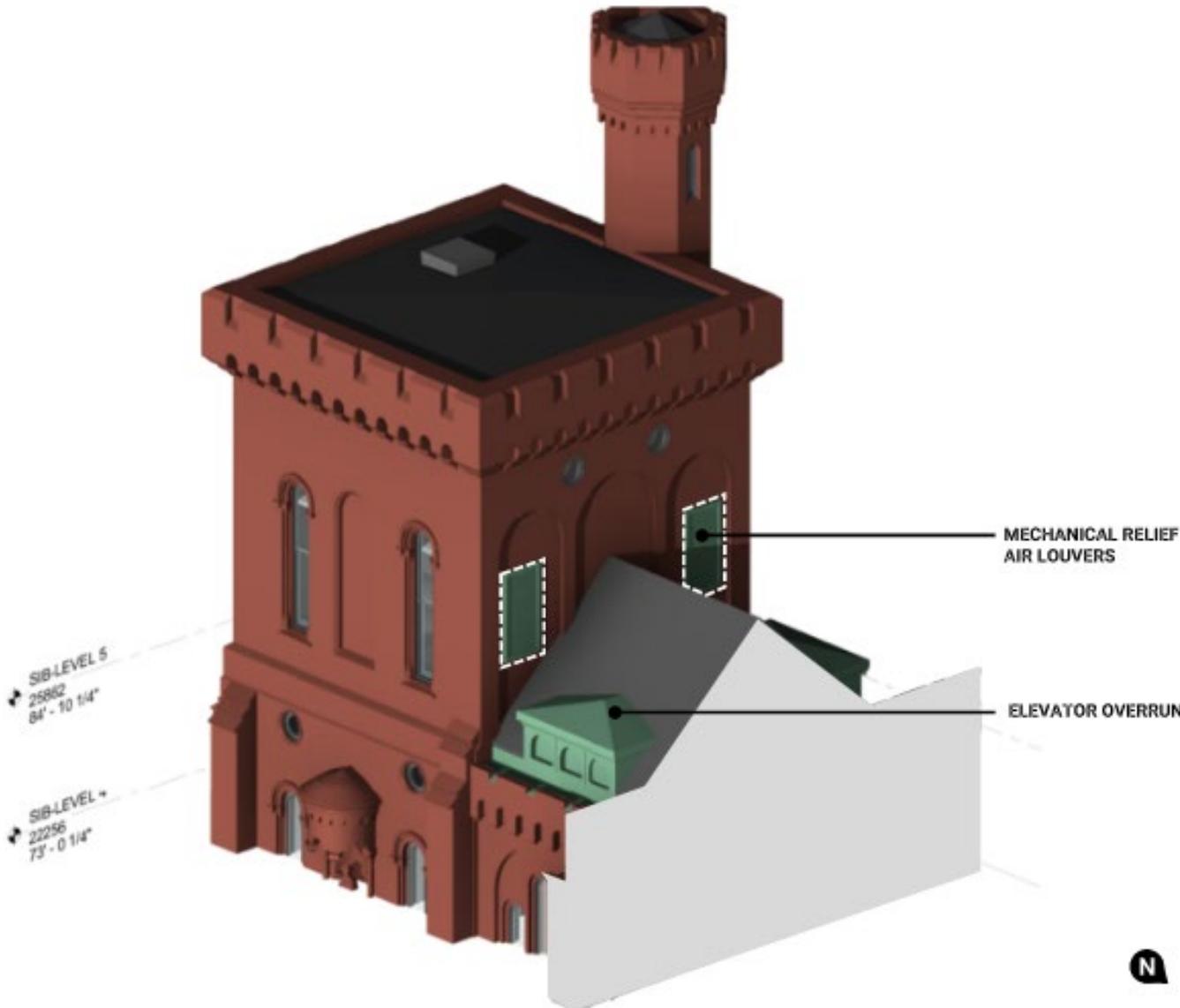
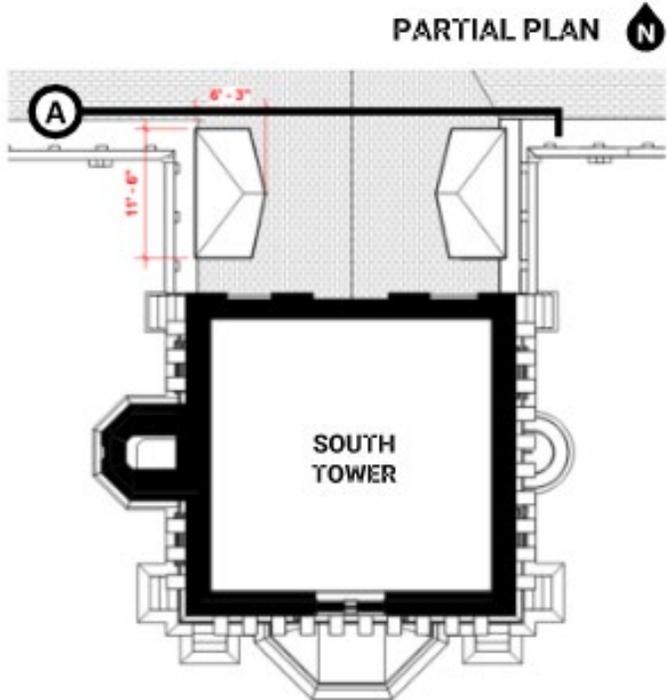
LOUVERED PENTHOUSE

- ALTERNATIVE DESIGN: THROUGH WALL LOUVER



SMITHSONIAN INSTITUTION BUILDING (SIB)

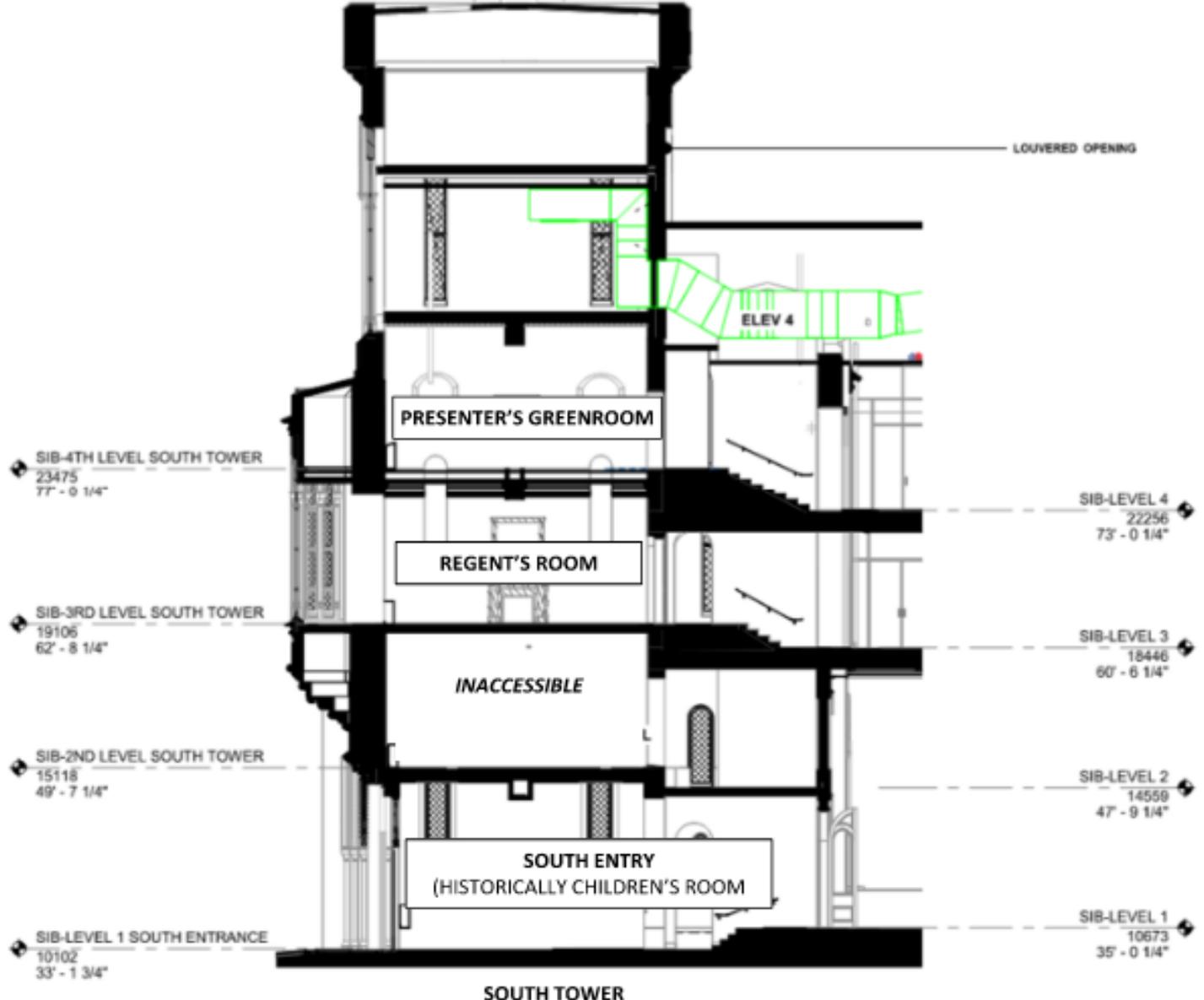
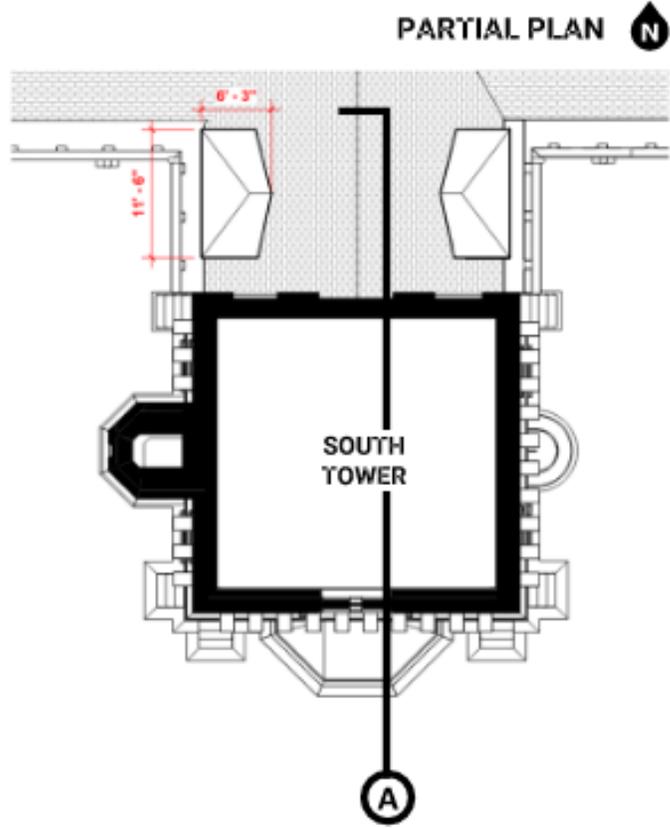
PROPOSED ALTERNATIVE – WALL LOUVERS



PARTIAL AXONOMETRIC VIEW – LOOKING SW (AIR LOUVERS THROUGH SOUTH TOWER WALL)

SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED ALTERNATIVE – WALL LOUVERS SECTION AT SOUTH TOWER

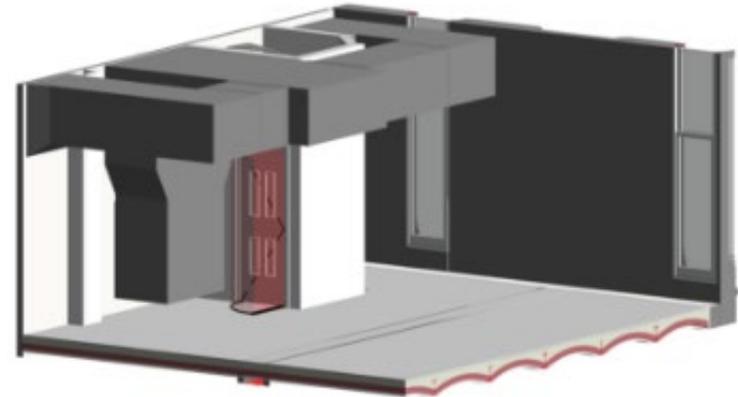


SMITHSONIAN INSTITUTION BUILDING (SIB)

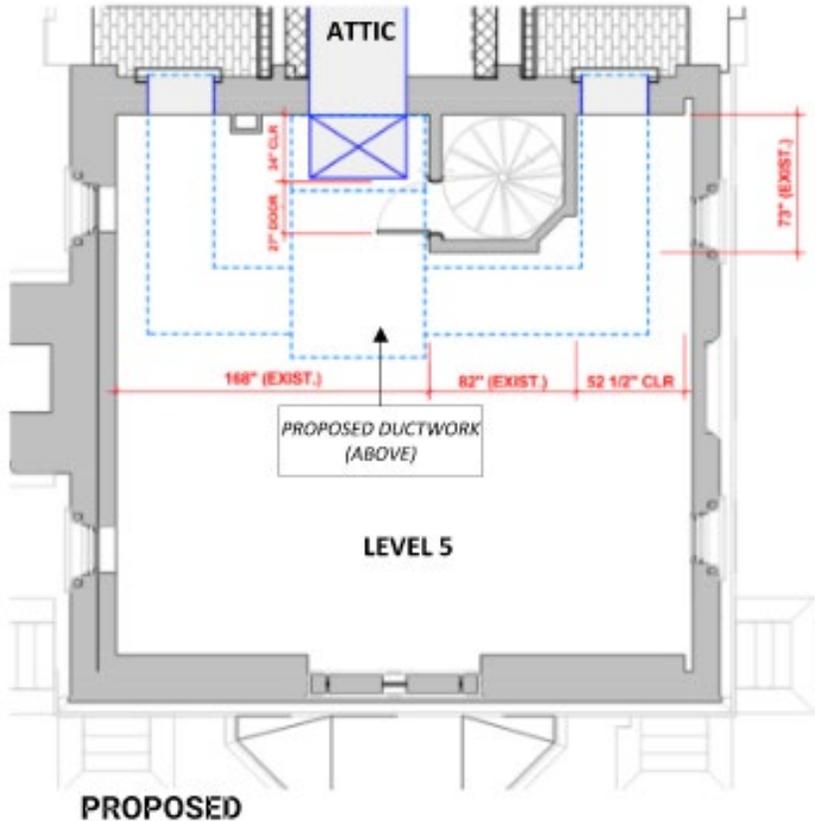
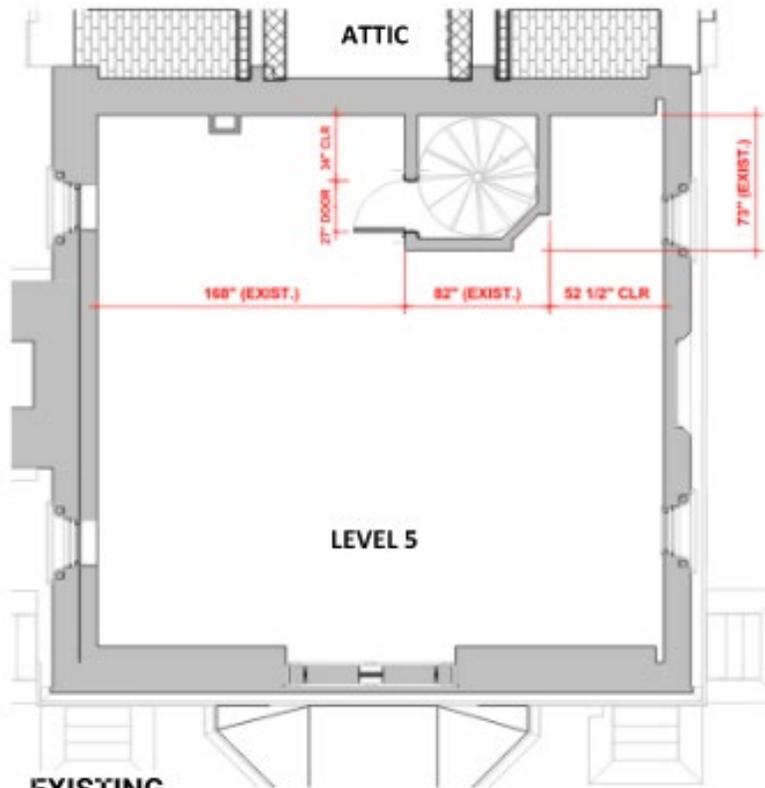
PROPOSED ALTERNATIVE – WALL LOUVERS LEVEL 05 PLAN



EXISTING CONDITION



PROPOSED CONDITION



Questions or Comments

MODERATOR

Carly Bond, Historic Preservation Specialist, Smithsonian Facilities

PRESENTERS / PANELISTS

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Faye Harwell, FASLA, Landscape Architect, RHI (Rhodeside and Harwell)



NEXT STEPS

Programmatic Agreement

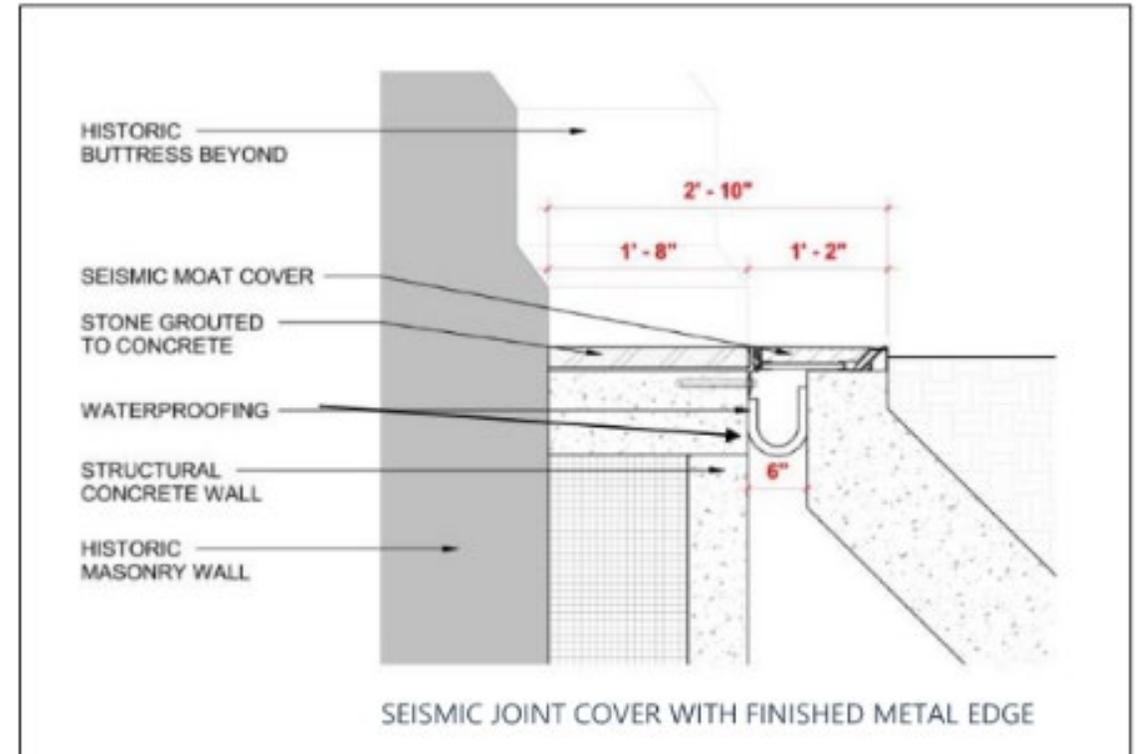
- SI proposes a Programmatic Agreement (PA) to oversee the phased Section 106 consultation of the RoHC Revitalize Castle
- A PA is a type of Section 106 agreement document that may be used in certain instances, such as when a project's effects on historic properties cannot be fully determined prior to 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



Programmatic Agreement Outline

General PA Outline:

- Project facts and Section 106 consultation history
- Identify minimization measures
 - Seismic Cover Plate Edge Condition
 - Perimeter Security – Bench Size and Placement
 - *Secretary of the Interior's Standards for the Treatment of Historic Properties for Rehabilitation and Preservation*
- Mitigation measures, including measures from South Mall PA
- Assessment of Effects Report:
 - Final effect determinations for Phase 1
 - Preliminary effect determinations for Phase 2
- Section 106 consultation schedule for Phase 2
- Exhibits that depict the Phase 1 (Baseline Project) scope



Potential Minimization Item – Seismic Joint Cover Without Curb Extension



Programmatic Agreement Outline - Mitigation

Specific Mitigation Measures from the South Mall Master Plan PA that SI will implement:

- Historic American Landscape Survey of the Haupt Garden – Photographs and Drawings
- Update the National Historic Landmark Documentation for the Castle and the Arts & Industries Building.
- Monitoring of Adjacent Historic Properties
 - Develop Monitoring Plan to identify safe vibration limits based on pre-construction monitoring.
 - Procedures for temporarily halting work if safe limits are exceeded, followed with remediation and consultation with the PA Signatories prior to work resuming.
- Interpretive Signage Related to Construction – Interpretive exhibits in place at the start of construction related to the history of the Castle, and construction activities.



Programmatic Agreement Outline - Mitigation

- Permanent Interpretive Signage - Related to the seismic cover plate, most visible at the porte cochere.
 - Permanent location(s) will be selected during Phase 2 of consultation, in coordination with the Landscape Planting Plan.
- Web-based Exhibit – Demolition findings of historic fabric or unanticipated discoveries.



Concept Rendering of the Seismic Cover Plate adjacent to the porte cochere.

Upcoming Section 106 Consultation Meetings

Milestone	Date	Meeting Content *
Consulting Parties Review Draft Programmatic Agreement	Extended review period starts approximately December 20, 2022	<ul style="list-style-type: none"> Comments welcome in writing or for discussion at Consulting Parties Meeting #9
Consulting Parties Meeting #9	January 25, 2023	<ul style="list-style-type: none"> Review and finalize Programmatic Agreement
Consulting Parties Meeting #10	February 22, 2023	<ul style="list-style-type: none"> TBD Phase 2 design actions
Consulting Parties Meeting #11	March 22, 2023	<ul style="list-style-type: none"> TBD Phase 2 design actions
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
- Draft Programmatic Agreement will be posted to the project webpage around December 20th. You will receive an email notification.
- Comments welcome on the draft Agreement in writing to BondC@si.edu or please bring them for discussion at CP meeting 9 on January 25th
- 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

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Smithsonian Institution

