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.
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

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

- 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

[Images of existing character details and plans of the building]
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXISTING AREAWAYS AND WINDOW WELLS

LEGEND
- EXISTING AREAWAY
- EXISTING ENTRANCE
- SI GARDENS AREA
- EXISTING EGRESS DOOR
- MECHANICAL AREA

Smithsonian Institution
SMITHSONIAN INSTITUTION BUILDING (SIB)

OVERALL EXISTING ELEVATION (NORTH)

EXISTING ELEVATION | NORTH
SMITHSONIAN INSTITUTION BUILDING (SIB)

OVERALL EXISTING ELEVATION (SOUTH)
SMITHSONIAN INSTITUTION BUILDING (SIB)

OVERALL 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

PLANTER

SEATING AREA
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

*NO SEISMIC JOINT COVERS REQUIRED IN WINDOW WELLS
SMITHSONIAN INSTITUTION BUILDING (SIB)

TYPICAL AREAWAY

SECTION AT AREAWAY

SMITHSONIAN REVITALIZATION OF THE HISTORIC CORE
SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAY VISIBILITY

WEST RANGE (NORTH)

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 Most 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
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.
SMITHSONIAN INSTITUTION BUILDING (SIB)

SEISMIC CONTROL – JOINT OPTION 1A

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

 sectional view of a building with labeled layers:
- Historic Buttress Beyond
- Seismic Moat Cover
- Stone Grouted to Concrete
- Waterproofing
- Structural Concrete Wall
- Historic Masonry Wall

**Partial Plan**

Conceptual Seismic Joint Cover Visualization

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

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Carly Bond, Historic Preservation Specialist, Smithsonian Facilities

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EXTENT OF EXCAVATION
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION

LIMIT OF DISTURBANCE
EXTENT OF EXCAVATION
BELOW GRADE CONSTRUCTION

RIPLEY CENTER
THE CASTLE
ARTS AND INDUSTRIES
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – MEP ROOMS
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – SIB EXTENSION
SMITHSONIAN INSTITUTION BUILDING (SIB)
EXTENT OF EXCAVATION – BUILDING SECTION
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – BUILDING SECTION

Smithsonian Institution
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – LEVEL B1

- EXENT OF EXCAVATION
- BELOW GRADE CONSTRUCTION

LOWRED PORTION OF STEAM TUNNEL

MEP ROOMS

SIB EXTENSION

RILEY CENTER

LOADING DOCK

QUADRANGLE BUILDING
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTENT OF EXCAVATION – LEVEL B0

- EXTENT OF EXCAVATION
- BELOW GRADE CONSTRUCTION

EXISTING STEAM TUNNEL
LOWERED PORTION OF STEAM TUNNEL

RIPLEY CENTER
SIB EXTENSION BELOW
QUADRANGLE BUILDING

THE CASTLE
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

LIMIT OF DISTURBANCE

Red hatch line shows the project Limit of Disturbance.

Smithsonian Institution
Temporary Pedestrian Boardwalk
- Connects Haupt Garden to West of Ripley Center during construction
- Path raised to avoid tree roots
Temporary Pedestrian Boardwalk
- Connects Haupt Garden to West of Ripley Center during construction
- Path raised to avoid tree roots
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

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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 SOUTH TOWER PENTHOUSE

EXISTING LOUVERED PENTHOUSE
(MECHANICAL INTAKE)

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
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**
SMITHSONIAN INSTITUTION BUILDING (SIB)

SIB EXISTING SOUTH TOWER PENTHOUSE

PARTIAL PLAN

SOUTH TOWER

EXISTING CONDITION

EAST-WEST SECTION

MECHANICAL RELIEF AIR LOUVERS
SLOPED ROOF

SIB-4TH LEVEL SOUTH TOWER
23475
77' - 0 1/4"

SIB-LEVEL 4
22256
73' - 0 1/4"
SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES (OPTION 1) – LOW-SLOPE ROOFS

PARTIAL PLAN

SOUTH TOWER

EAST-WEST SECTION (LOW-SLOPE ROOFS)

MECHANICAL RELIEF AIR LOUVERS
SLOPED ROOF
ELEVATOR OVERRUN
DUCT TRANSFER TO ATTIC SPACE IN BETWEEN ELEVATOR HOISTWAYS

SIB-4TH LEVEL SOUTH TOWER
23475
77' - 0 1/4"

SIB-LEVEL 4
22256
73' - 0 1/4"
SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES (OPTION 2) – SLOPED ROOFS
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

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 PLAN

SOUTH TOWER

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

MECHANICAL RELIEF AIR LOUVERS

ELEVATOR OVERRUN
SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED PENTHOUSES (OPTION 2) – SLOPED ROOFS

PARTIAL PLAN

SOUTH TOWER

PARTIAL AXONOMETRIC VIEW – LOOKING SW (SLOPED ROOFS)

MECHANICAL RELIEF AIR LOUVERS

ELEVATOR OVERRUN
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

PARTIAL PLAN

SOUTH TOWER

PRESENTER’S GREENROOM

REGENT’S ROOM

INACCESSIBLE

SOUTH ENTRY
(HISTORICALLY CHILDREN’S ROOM)

SOUTH TOWER

SMITHSONIAN REVITALIZATION OF THE HISTORIC CORE
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER – LEVEL 01

HISTORIC CONDITION

EXISTING CONDITION

EXISTING

SMITHSONIAN REVITALIZATION OF THE HISTORIC CORE
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER – LEVEL 01

EXISTING

PROPOSED
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER – LEVEL 03

EXISTING CONDITION

EXISTING CONDITION

CODE COMPLIANCE OR DOOR UNDER REVIEW

Smithsonian Institution
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER – LEVEL 03

EXISTING

PROPOSED
PERIMETER SECURITY
JEFFERSON DRIVE
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

EXPLORE ELIMINATING BENCH, USE BOLLARDS ONLY
EXPLORE ELIMINATING WRAP AROUND END
EXPLORE MOVING BOLLARDS NORTH

FIXED BOLLARD

EXPLORE SHORTENING BENCH BY ONE OR TWO SECTIONS

POTENTIAL THIRD BOLLARD MAY BE NEEDED FOR ANTI-RAM CERTIFICATION

EXPLORE BENCH DESIGN WITHOUT A STONE BASE

12-3"
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
PROJECT SCHEDULE
## RoHC Revitalize Castle - Project Schedule

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</tr>
<tr>
<td>Telecommunications Hub Relocation Construction Completed</td>
<td>February 2023</td>
</tr>
<tr>
<td>Castle Construction Start</td>
<td>March 2023</td>
</tr>
<tr>
<td>Portions of Castle Reopen for 2026 Activities</td>
<td>Spring 2026</td>
</tr>
<tr>
<td>Castle Façade and Public Access Area Construction Resumes</td>
<td>Fall 2026</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
<th>Meeting Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consulting Parties Meeting #7 (Continued)</td>
<td>Date TBD</td>
<td>In-person review opportunity at the Castle:</td>
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<tr>
<td></td>
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<td>• Additional granite samples for the seismic control joint cover plate</td>
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<td>• Sample section of the seismic control joint assembly</td>
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<td>• Perimeter security</td>
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<tr>
<td>Consulting Parties Meeting #8</td>
<td>November 30, 2022</td>
<td>• Finalize Phase 1 Assessment determinations</td>
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<td>• Discuss Programmatic Agreement outline and content</td>
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<tr>
<td>Consulting Parties Review Draft Programmatic Agreement</td>
<td>Start approximately December 20, 2022</td>
<td>• Comments welcome in writing or for discussion at CP Meeting #9</td>
</tr>
<tr>
<td>Consulting Parties Meeting #9</td>
<td>January 25, 2023</td>
<td>• Review and finalize Programmatic Agreement</td>
</tr>
</tbody>
</table>

**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)
THANK YOU

Smithsonian Institution