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.
Revitalization of the Historic Core
CONSULTING PARTIES MEETING #11

March 22, 2023
PANEL OF SPEAKERS

MODERATOR
Carly Bond, Historic Preservation Specialist

PRESENTERS / PANELISTS
Brenda Sanchez, FAIA, Sr. Design Manager
Christopher Lethbridge, Architect/Program Manager
Beth Ziebarth, Director, Accessibility Program
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

• Updates

• Review Phase 2 Items
  • Landscape – South Entry Ramp, Railings, Paving
  • South Tower Elevator Interior Effects
  • Roof Mechanical Elements
    • North Entry Hyphen - Louvered Penthouses
  • Lightning Protection

• 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>
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<tr>
<td>Castle Closed to the Public</td>
<td>February 1, 2023</td>
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<tr>
<td>Programmatic Agreement Executed</td>
<td>April 2023 (Expected)</td>
</tr>
<tr>
<td>Castle Construction Start</td>
<td>May 2023</td>
</tr>
<tr>
<td>Phase 2 Consultation Continues</td>
<td>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>
### Programmatic Agreement - Phased Section 106 Consultation

Programmatic Agreement oversees both Phases
- Phase 1 construction will result in adverse effects on the Castle and the National Mall Historic District
- Phase 2 has potential to result in adverse effects

<table>
<thead>
<tr>
<th>Phase 1 (Baseline Project)</th>
<th>Phase 2 (Everything Else! - Abridged on Slide)</th>
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</thead>
<tbody>
<tr>
<td>• Introduction of New Areaways and Window Wells (Locations and Dimensions)</td>
<td>• Landscape Planting Plan – Perimeter Security</td>
</tr>
<tr>
<td>• Installation of Seismic Control Joint Around the Castle Perimeter (Location and Width)</td>
<td>• Roof Modifications</td>
</tr>
<tr>
<td>• Extent of Excavation Adjacent to Castle - SIB Extension (B1 Level), B2 Level Cistern</td>
<td>• Emergency Generator</td>
</tr>
<tr>
<td>• Excavation Beneath the Castle - Base Isolation, Lowering of the Basement Level, Mechanical Distribution Level, Future Quadrangle Building B2 Connection</td>
<td>• Alterations at the North and South Entrances to Improve Accessibility</td>
</tr>
<tr>
<td>• Creation of Alternate Pedestrian Routes for Circulation Around the Castle during construction</td>
<td>• Installation of New East Wing 4th Floor Egress</td>
</tr>
<tr>
<td>• Cumulative Effects of Phase 1 Activities</td>
<td>• Replacement and Restoration of Windows</td>
</tr>
<tr>
<td></td>
<td>• Exterior Masonry Restoration</td>
</tr>
<tr>
<td></td>
<td>• New Basement Windows and Egress Doors</td>
</tr>
<tr>
<td></td>
<td>• Interior Effects (Windows, South Tower Elevators, New Basement Openings, Lowering Basement Floor)</td>
</tr>
<tr>
<td></td>
<td>• Cumulative Effects on Castle and National Mall Historic District</td>
</tr>
</tbody>
</table>
Programmatic Agreement

Phase 2 Consultation

- Consulting Parties meetings will continue held the 4th Wednesday of each month
- No changes to communication, involvement of the public and Consulting Parties
- Project webpage maintained and in-use
- Site visits for sample and mock-up reviews

Criteria of adverse effect – Development of alternatives that avoid or minimize adverse effects

Assessment of Effects on Historic Resources report will be revised in consultation – Updates to preliminary effect determination for Phase 2
LANDSCAPE
SOUTH ENTRY RAMP, RAILINGS, PAVING
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | SOUTH ENTRY RAMP
EXISTING CONDITIONS
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | SOUTH ENTRY RAMP
EXISTING CONDITIONS
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | SOUTH ENTRY RAMP
PROPOSED OPTIONS

OPTION 1

OPTION 2

OPTION 3

OPTION 4
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | SOUTH ENTRY RAMP

OPTION 1 - PLAN
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | SOUTH ENTRY RAMP
OPTION 1 - VISUALIZATIONS

[Diagram of the landscape design with measurements and visualizations]
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | SOUTH ENTRY RAMP
OPTION 2- PLAN
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | SOUTH ENTRY RAMP
OPTION 2 - VISUALIZATION
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | SOUTH ENTRY RAMP
OPTION 3 - PLAN
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | SOUTH ENTRY RAMP
OPTION 3 - VISUALIZATION
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | SOUTH ENTRY RAMP
OPTION 4 - VISUALIZATION
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | SOUTH ENTRY RAMP
KICK RAIL VOLUTE PRECEDENT
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | SOUTH ENTRY RAMP
KICK RAIL OPTIONS
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | RAILING
TYPICAL ELEVATION

RAMP GUARDRAIL / HANDRAIL
AREAWAY / WINDOW WELLS
SEMIDECORATIVE GUARDRAIL WITH FINIAL
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | RAILING
RAILING TYPE LOCATIONS

EXISTING SIB NORTH RAMP RAILING

NW HAUPT GARDEN GATE

LEVEL 1

GUARDRAIL #1 - DECORATIVE LOCATION RAMPS AND PRIMARY ENTRIES
GUARDRAIL #2 - SEMI-DECORATIVE LOCATION AREWAYS AND WINDOW WELLS
GUARDRAIL #2 - GATE
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE | PAVING PLAN
Questions or Comments

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SOUTH TOWER ELEVATOR
INTERIOR EFFECTS
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS

ELEVATOR LOCATION

- 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)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS

SECTION
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
LEVEL 1

- Fan Coil Units (FCUs) to be removed from South Entry
- It is unknown if the recessed arches extend to the finish floor until the FCUs are removed
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
LEVEL 1

EXISTING PLAN

PROPOSED PLAN (PRESENTED DURING CP7)
CORRIDOR REDUCED BY 1'-6"
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS

LEVEL 1

EXISTING PLAN

PROPOSED PLAN (UPDATED)
CORRIDOR REDUCED BY 1'-6"
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
ELEVATIONS (OPTION 1A)

PROPOSED PLAN

PROPOSED ELEVATION - NORTH
ARCHED OPENING (OPT 1A)
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
ELEVATIONS (OPTION 1B)

PROPOSED PLAN

PROPOSED ELEVATION - NORTH
ARCHED OPENING (OPT 1B)
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
ELEVATIONS (OPTION 1)

PROPOSED PLAN

HISTORIC ARCHITECTURAL VOCABULARY - ARCHES IN GREAT HALL

PROPOSED ELEVATION - WEST
ARCHED OPENING
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
ELEVATIONS (OPTION 1)

PROPOSED PLAN

HISTORIC ARCHITECTURAL VOCABULARY - ARCHES IN GREAT HALL

PROPOSED ELEVATION - EAST
ARCHED OPENING
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
ELEVATIONS (OPTION 2)

PROPOSED PLAN

PROPOSED ELEVATION - NORTH
RECTANGULAR OPENING
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
ELEVATIONS (OPTION 2)

proposed plan

proposed elevation - west
rectangular opening
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
ELEVATIONS (OPTION 2)

PROPOSED PLAN

PROPOSED ELEVATION - EAST
RECTANGULAR OPENING
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
ELEVATIONS

PROPOSED VISUALIZATION - SOUTH FROM GREAT HALL
CONTEMPORARY FRAME

PROPOSED ELEVATION - SOUTH FROM GREAT HALL
CONTEMPORARY FRAME
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS

PROPOSED VISUALIZATION - SOUTH FROM GREAT HALL
TRADITIONAL FRAME

PROPOSED ELEVATION - SOUTH FROM GREAT HALL
TRADITIONAL FRAME
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
LEVEL 3

PROPOSED PLAN

Smithsonian Institution
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
LEVEL 3

PROPOSED PLAN

PROPOSED ELEVATION - SOUTH FROM UPPER GREAT HALL
CONTEMPORARY FRAME

Smithsonian Institution
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
LEVEL 3

PROPOSED PLAN

PROPOSED ELEVATION - SOUTH FROM UPPER GREAT HALL
TRADITIONAL FRAME
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS

EXISTING MOSAIC (LOWER PATTERN, MARBLE STEPS, UPPER W. EMBLEM)
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS

UPPER MOSAIC WITH EMBLEM

DETAIL OF EMBLEM
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS

- Corridor reduced by 17 ½” total; 8 ¾” to be removed from each side
- Removal/realignment to follow existing pattern; pattern repeats every 6 ½” / 13”
- Will remove 13” of pattern (orange) and add 4 ¼” of repurposed mosaic at wall

![Image of upper mosaic with measurements marked]
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS

MOSAIC CUT/FILL

UPPER
• 11 SF of light beige removed
• 5 SF of light beige to be reused at wall

LOWER
• 5.25 SF of light beige removed
• 2.6 SF of light beige to be reused at wall
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS

EXISTING WIDTH

8’-8”
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
PROPOSED WIDTH

FURNITURE TO BE REMOVED & RELOCATED

7'-3"
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
LEVEL 4

EXISTING PLAN

PROPOSED PLAN (CORRIDOR REDUCED BY 1'-5"")

NO IMPACT ON EXISTING HISTORIC MATERIALS OR FINISHES
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
BASEMENT

EXISTING PLAN

PROPOSED PLAN

NO IMPACT ON EXISTING HISTORIC MATERIALS OR FINISHES
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
BASEMENT – B0

PROPOSED PLAN

PROPOSED ELEVATION - NORTH FROM B0
CONTEMPORARY FRAME
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
BASEMENT – B0

PROPOSED PLAN

PROPOSED ELEVATION - NORTH FROM B0
TRADITIONAL FRAME
Questions or Comments

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ROOF MECHANICAL ELEMENTS
HISTORIC MORPHOLOGY
SMITHSONIAN INSTITUTION BUILDING (SIB)

Initial HVAC systems of the SIB from 1847-1865 were coal-fired with parged flue vents running from the cellars to the roof. Roof installations for HVAC were not explicitly noted in the 2009 Historic Structure Report (HSR) until the description of the late 1960s renovation. A central air conditioning system was installed during the 1968-1970 SIB renovations. Louvered plenums were installed on the roof for each of the nine air handling units placed at the following locations: the East Wing attic; on the East Range roof; the second floor of the South Tower; the second floor of the West Range’s cloister; the West Wing basement; and four in the Main Building attic.

The HSR further notes then current critical mechanical system degradation due to deferred maintenance and calls for total replacement. In support, many effected elements were assessed and suggested for retention or replacement. The HSR encourages vent hoods be removed if they have been abandoned and do not impact the character of the historic roof profile.

North façade in 1895 with the mushroom vent at the center of the West Range. Image from the Smithsonian Institution Archives.

Northeast façade in 1975 with visible equipment on north entry hyphen.

1883 view of the East Range showing previous vent stacks. Image from the Smithsonian Institution Archives.

1950 North Tower and Main Roof showing established mechanical equipment. Image from the Smithsonian Archives.
ROOF MECHANICAL ELEMENTS
EXISTING CONDITION
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | EXISTING PENTHOUSES

ROOF PLAN

EXISTING - ROOF PLAN

PARTIAL PLAN

EXISTING - VIEW FROM ROOF

7’-3”

8’-6”
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | EXISTING PENTHOUSES
VISIBILITY FROM JEFFERSON DRIVE & NATIONAL MALL
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | EXISTING PENTHOUSES
VISIBILITY FROM JEFFERSON DRIVE & NATIONAL MALL
ROOF MECHANICAL ELEMENTS
PREVIOUSLY PRESENTED
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES (FLAT ROOF)
ROOF PLAN + SOUTH ELEVATION
PRESENTED AT CP MEETING #10

PROPOSED - ROOF PLAN

PARTIAL PLAN

Smithsonian Institution
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES (FLAT ROOF)
EAST ELEVATION
PRESENTED AT CP MEETING #10
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES (FLAT ROOF)
PERPECTIVE FROM PATH
PRESENTED AT CP MEETING #10

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES (HIP ROOF)
ROOF PLAN + SOUTH ELEVATION
PRESENTED AT CP MEETING #10

Smithsonian Institution
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES (HIP ROOF)
EAST ELEVATION
PRESENTED AT CP MEETING #10
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES (HIP ROOF)
VISUALIZATION
PRESENTED AT CP MEETING #10

96 SF
PER PENTHOUSE
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES (HIP ROOF)
PERSPECTIVE FROM PATH
PRESENTED AT CP MEETING #10

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH
ROOF MECHANICAL ELEMENTS
ADDITIONAL OPTIONS
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 1

• louvers match roof slope
• reduces height by approx. 2’-0”

95 SF
PER PENTHOUSE
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 1
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPhEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 1

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYphen | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 1
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES

VISUALIZATION

ALTERNATIVE – OPTION 2

- louvers match roof slope
- reduces width by approx. 1’-2”
- reduces height by approx. 1’-0”

96 SF PER PENTHOUSE
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 2
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 2

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 2

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES

VISUALIZATION

ALTERNATIVE – OPTION 3

- Penthouse design driven by existing elevator overrun
- Increases width of CP10 design by approx. 7’-7”
- reduces height by approx. 5’-0”

96 SF

PER PENTHOUSE
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 3
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 3

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 3

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH
ROOF MECHANICAL ELEMENTS
ADDITONAL OPPORTUNITIES TO MINIMIZE VISIBILITY OF LOUVER AREA
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 4

- Louvers placed between levels 6 & 7
- Reduces east penthouse height by 2’-0”

96 SF TOTAL

17 SF EACH
19.5 SF
42.5 SF
96 SF TOTAL
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 4
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 4

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 4

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 5

Louvers placed between levels 6 & 7 Reduces east penthouse height by 6'-0"

96 SF TOTAL

17 SF EACH

54 SF + 8 SF

96 SF TOTAL

Smithsonian Institution
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 5

15’-0”

5’-0”
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 5

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
ALTERNATIVE – OPTION 5

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES

VISUALIZATION

COMPARISON OF OPTIONS

OPTION 1

OPTION 2

OPTION 3

OPTION 4

OPTION 5
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
COMPARISON OF OPTIONS
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH ENTRY HYPHEN | LOUVERED PENTHOUSES
VISUALIZATION
COMPARISON OF OPTIONS

OPTION 1

OPTION 2

OPTION 3

OPTION 4

OPTION 5
LIGHTNING PROTECTION
LIGHTNING PROTECTION | EXISTING

Lightning protection was implemented with the original design of the SIB in the form of wrought-iron lightning rods on the Flag Tower, Campanile, Octagon Tower, West Tower, and the Southeast Tower. The rods were 10’ taller than the tower tops furnished with elbows, glass thimbles, and platina points. The only remaining material from the system are the metal support loopholes found on the West Tower and East Tower chimney, as noted in the 2009 Historic Structure Report. In 2005, the Southeast Tower required reconstruction after being struck by lightning. Existing lightning protection is focused on the Flag Tower, Southeast Tower, and East Wing.
## Upcoming Section 106 Consultation Meetings

<table>
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<tr>
<th>Milestone</th>
<th>Date</th>
<th>Meeting Content *</th>
</tr>
</thead>
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<tr>
<td>Site Visit</td>
<td>April 12 OR April 19, 2023</td>
<td>Site Visit at the Castle to review:</td>
</tr>
<tr>
<td></td>
<td>(Separate invitation will besent via email)</td>
<td>• Sandstone alternates</td>
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<td>• Seismic Control Joint materials</td>
</tr>
<tr>
<td>Consulting Parties Meeting #12</td>
<td>April 26, 2023</td>
<td>• Finishes and Railings for Areaways and Window Wells</td>
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<td>• Lighting</td>
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<td>• TBD</td>
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<tr>
<td>Consulting Parties Meeting #13</td>
<td>May 24, 2023</td>
<td>• Windows (and Interior Effects)</td>
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<td>• TBD</td>
</tr>
</tbody>
</table>

**Phase 2 Section 106 Consultation Continues through 2023**

*Assessment of Effects on Historic Resources Report will be revised through consultation for Phase 2 actions*

* Subject to Change
RoHC Revitalize Castle – Next Steps

- Phase 1 Final Submission approved by the Commission of Fine Arts on February 16, 2023
- Phase 1 Final Submission reviewed by the National Capital Planning Commission on April 6, 2023
- Consulting Parties will be notified when the PA is final and executed
- 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
- 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

PRESENTERS / PANELISTS
Brenda Sanchez, FAIA, Sr. Design Manager
Christopher Lethbridge, Architect/Program Manager
Beth Ziebarth, Director, Accessibility Program
Lauren Brandes, RLA, ASLA, Smithsonian Gardens
Matthew Chalifoux, FAIA, Sr. Historic Preservation Architect, EYP-Loring, LLC
Anthony Bochicchio, AIA, Project Manager, EYP-Loring, LLC
Faye Harwell, FASLA, Landscape Architect, RHI (Rhodeside and Harwell)
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH TOWER ELEVATOR | INTERIOR EFFECTS
ADDITIONAL INFORMATION ON BASEMENT ACCESSIBILITY