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

PRESENTERS / PANELISTS
Christopher Lethbridge, Architect/Program Manager
Lauren Brandes, RLA, ASLA, Smithsonian Gardens
Matthew Chalifoux, FAIA, Sr. Historic Preservation Architect, EYP-Loring, LLC
Anthony Bochicchio, AIA, Project Manager, EYP-Loring, LLC
Matthew Traucht, Associate, RHI (Rhodeside and Harwell)
Phuong Nguyen, SEGD, AIGA, Lead Experiential Graphic Designer, EYP-Loring, LLC
David Ghatan, FIALD, CLD, MIES, President, CM Kling + Associates
AGENDA

• Updates

• Review Phase 2 Items
  • Planting Plan
  • Perimeter Security - Jefferson Drive
    • All hardened elements
  • North Ramps/ Sloped Sidewalks
  • Exterior Signage
    • Appearance only, not content
  • Areaway Finishes
    • Includes final layouts/dimensions
  • Exterior Lighting
    • Jefferson Drive Olmsted fixtures
    • Building lighting including location of fixtures
  • Resolution of Pending Items
    • SW Areaway, North Tower Penthouses, South Entry Plan, Roof Dimensional Changes

• Next Steps

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### RoHC Revitalize Castle – Status of Design Review Items

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<th>Proposed Effect Determination</th>
<th>CP Meeting</th>
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<td>Reviewed and accepted Reviewed and accepted</td>
<td>No Adverse Effect</td>
<td>CP 10, CP 11 CP 10</td>
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<tr>
<td>Fall Protection</td>
<td>Layout Device details</td>
<td>Reviewed and accepted Reviewed and accepted</td>
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## RoHC Revitalize Castle – Status of Design Review Items

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<td>CP4</td>
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<td>CP14</td>
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</tbody>
</table>
RoHC Revitalize Castle – Status of Design Review Items

- Assessment of Effects Report updated as we move through consultation and reach consensus on design actions
- Updated AOE sections will be appended to the Meeting Minutes after each Consulting Parties Meeting and posted to the project webpage.

<table>
<thead>
<tr>
<th>Feature/Action</th>
<th>Summary</th>
<th>Proposed Effect Determination</th>
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</table>
| South Tower Elevator – Interior Effects | • Narrowing the center corridor adversely effects historic fabric and interiors  
  • New openings in the Children's Room, Great Hall, and third floor for elevator access  
  • Third floor mosaics altered | Adverse Effect               |
| Installation of Rooftop Fall Protection | • Visible redirect stanchions and cable system on roof ridges           | Adverse Effect               |
| Installation of Roof Access            | • Nonvisible roof access hatch between the Flag and North Towers       | No Adverse Effect            |
| Installation of New East Wing 4th Floor Egress | • Visible exterior egress path connecting 4th floor of East Wing to the Main Building  
  • Replacement of non-historic window sash with egress doors | Adverse Effect               |
Comments from Consulting Parties

- East Wing sandstone gutters were not present in 1910
FINAL PLANTING PLAN
SMITHSONIAN INSTITUTION BUILDING (SIB)

PLANTING PLAN – SASAKI PLAN (1987)
SMITHSONIAN INSTITUTION BUILDING (SIB)

PLANTING PLAN – SASAKI PLAN (1987)
SMITHSONIAN INSTITUTION BUILDING (SIB)

PLANTING PLAN – EXISTING
SMITHSONIAN INSTITUTION BUILDING (SIB)

PLANTING PLAN – PROPOSED

SMITHSONIAN INSTITUTION BUILDING (CASTLE)

LEGEND
- Trees with undercover
- Trees without undercover
- Shrubs
- Perennials
- Annuals
- Turf

Jefferson Drive

Scale in feet

Scale in meters
PERIMETER SECURITY
JEFFERSON DRIVE
SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED MATERIALS – BOLLARD COVERS
SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED MATERIALS – BOLLARD COVERS

*BOTH OPTIONS

SMITHSONIAN LOGO

SMITHSONIAN ROSE WINDOW

SMITHSONIAN DIAMOND PATTERN

TOP VIEW

OPTIONS FOR ALL CONCEPTS

DECORATION AT TOP

DECORATION AT MID-LEVEL

DECORATION AT BOTTOM

SMITHSONIAN REVITALIZATION OF THE HISTORIC CORE 18
SMITHSONIAN INSTITUTION BUILDING (SIB)

PROPOSED MATERIALS – BOLLARD COVERS

EXAMPLE OF BRONZE BOLLARD COVER (NATIONAL MUSEUM OF THE AMERICAN INDIAN), DESIGN TO BE AS SHOWN AT LEFT
SMITHSONIAN INSTITUTION BUILDING (SIB)

PERIMETER SECURITY HARDENED ELEMENTS STONE OPTIONS – MOUNT AIRY
SMITHSONIAN INSTITUTION BUILDING (SIB)

PERIMETER SECURITY HARDENED ELEMENTS STONE OPTIONS – CARNEILIAN
SMITHSONIAN INSTITUTION BUILDING (SIB)

PERIMETER SECURITY HARDENED ELEMENTS STONE OPTIONS – ACADEMY BLACK
SMITHSONIAN INSTITUTION BUILDING (SIB)

PERIMETER SECURITY HARDENED ELEMENTS STONE OPTIONS – OLYMPIC BLACK
SMITHSONIAN INSTITUTION BUILDING (SIB)

NEW HARDENED STONE WALL SIGN
SMITHSONIAN INSTITUTION BUILDING (SIB)

PERIMETER SECURITY – HARDENED BENCH DESIGN: PORTE-COCHERE

*PREFERRED OPTION

OPTION 1
Slat @ 51MM (2") O.C.
13MM (1/2") Wide Slats, 36MM (1-1/2") Gap at Top to 38MM (1-1/2") Wide Slats,
13MM (1/2") Gap at Seat in 6MM (1/4") Increment Gradation

OPTION 2
Based on Option 1 with
89MM (3-1/2") and 36MM (1-1/2") Slats at Shoulder Height

OPTION 3
Slat @ 4" O.C.
25 to 76MM (1 to 3") Wide Slats at Seat Back, 13MM (1/2") Slats at Top
45 to 84MM (1-3/4 to 2-1/2") Gap at Seat Back

OPTION 4
Based on Model 3 with
6MM (1/4") Rods Centered in Gaps
SMITHSONIAN INSTITUTION BUILDING (SIB)

PERIMETER SECURITY – HARDENED BENCH DESIGN

OPTION 1 – WIDE END, FULL HEIGHT WALL
SMITHSONIAN INSTITUTION BUILDING (SIB)

PERIMETER SECURITY – HARDENED BENCH DESIGN

OPTION 2 – NARROW / SHORT END, FULL HEIGHT WALL
SMITHSONIAN INSTITUTION BUILDING (SIB)

PERIMETER SECURITY – HARDENED BENCH DESIGN

OPTION 3 – NARROW / SHORT END, SEAT HEIGHT WALL *PREFERRED OPTION
NORTH RAMPS/SLOPED SIDEWALKS
SMITHSONIAN INSTITUTION BUILDING (SIB)

SLOPED SIDEWALK FROM JEFFERSON DRIVE - WEST
SMITHSONIAN INSTITUTION BUILDING (SIB)

SLOPED SIDEWALK FROM JEFFERSON DRIVE – WEST: EXISTING CONDITIONS
SMITHSONIAN INSTITUTION BUILDING (SIB)

SLOPED SIDEWALK FROM JEFFERSON DRIVE – WEST: PROPOSED
SMITHSONIAN INSTITUTION BUILDING (SIB)

SLOPED SIDEWALK FROM JEFFERSON DRIVE – WEST: PROPOSED

LR7

Dimensions

<table>
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<tr>
<th>Dimension</th>
<th>Description</th>
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<tr>
<td>2-1/4&quot;</td>
<td>57mm</td>
</tr>
<tr>
<td>1-1/8&quot;</td>
<td>28mm</td>
</tr>
<tr>
<td>1-1/2&quot;</td>
<td>38mm</td>
</tr>
<tr>
<td>1-13/16&quot;</td>
<td>46mm</td>
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Symmetric 90°
SMITHSONIAN INSTITUTION BUILDING (SIB)

SLOPED SIDEWALK FROM JEFFERSON DRIVE – WEST: PROPOSED
SLOPED SIDEWALK FROM JEFFERSON DRIVE – WEST: COPING MATERIAL PROPOSED

*PREFERRED OPTION

OPTION 1

SENeca MATCH COPING
SENeca MATCH VENEER

OPTION 2

MT ARY COPING
SENeca MATCH VENEER

EXISTING CONDITION
OPTION 1 - SENECA MATCH (SIGN MATERIAL TBD)
*PREFERRED OPTION
Questions or Comments

MODERATOR
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EXTERIOR SIGNAGE
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTERIOR SIGNAGE | EXISTING
MALL-WIDE EXTERIOR SIGNAGE TYPES

XA1
SMITHSONIAN INFORMATION SIGN

XA2
MUSEUM PROGRAM SIGN

XA3
BUILDING IDENTIFICATION SIGN
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXISTING EXTERIOR SIGNAGE

FROM SMITHSONIAN METRO
(12TH & JEFFERSON DRIVE)

LEGEND
- CIRCULATION PATHS
- HAUPT GARDEN ENTRY
- EXISTING SI BUILDING ID SIGN TO SALVAGE / RE-INSTALL / REPLACE
- EXISTING SI MUSEUM SIGN TO SALVAGE / RE-INSTALL
- EXISTING SI INFORMATION SIGN TO SALVAGE / RE-LOCATE

Smithsonian Institution
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTERIOR SIGNAGE (2028) | OPTION 1
WITH VERTICAL PYLON SIGNS (XD1)

FROM SMITHSONIAN METRO
(12TH & JEFFERSON DRIVE)
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTERIOR DIRECTIONAL SIGN (XD1) | NEW SIGN

Smithsonian Visitor Center
8:30 AM to 5:30 PM
Closed December 25
FREE ADMISSION
↑ East Entrance

Smithsonian logomark is in exterior Chroma XT (translucent)
SMITHSONIAN INSTITUTION BUILDING (SIB)

EXTERIOR DIRECTIONAL SIGN (XD1) | NEW SIGN

Exterior Building Directional Sign

Smithsonian Institution
SMITHSONIAN INSTITUTION BUILDING (SIB)

NEW DIRECTIONAL SIGN (XA3) AND STONE SIGN | APPROACH TO WEST ENTRANCE
AREAWAY FINISHES
AREAWAYS | PROPOSED FINISH MATERIALS
EXISTING AREAWAY CONDITION

SOUTHWEST AREAWAY

SOUTHEAST AREAWAY
EXISTING SENECA SANDSTONE AT BUILDING BASE TO REMAIN

SOUTHEAST AREAWAY
SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAYS | EXTENTS OF EXISTING MASONRY REMOVALS
EXISTING PHOTOGRAPHS FROM SURVEY

EXISTING WINDOW AT SOUTHEAST OF GREAT HALL

EXISTING DOOR AT SOUTHEAST OF GREAT HALL

EXISTING WINDOW WELL DEPTH (36” +/-)

GREAT HALL SOUTHEAST ELEVATION
SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAYS | EXTENTS OF EXISTING MASONRY REMOVALS
STRUCTURAL TESTPIT FINDINGS

DIAGRAM OF BELOW GRADE EXTERIOR ASSEMBLY

IMAGES FROM STRUCTURAL TESTPIT EXPLORATION
SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAYS | PROPOSED FINISH MATERIALS
MATERIAL FAMILIES

*Material selection applied to all areaways

GRANITE - OLYMPIC BLACK

A. ULTRA HIGH PERFORMANCE CONCRETE
B. PAVER/ PRECAST TREAD
C. NATURAL STONE

Smithsonian Institution
SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAYS | PROPOSED FINISH MATERIALS
NATURAL STONE FOR UNDERPINNING

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<tr>
<th>MT. AIRY (NC)</th>
<th>SIERRA WHITE (CA)</th>
<th>CARNELIAN (SD)</th>
<th>MILFORD PINK (MA)</th>
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<tr>
<td>MT. AIRY - FLAMED</td>
<td>SIERRA WHITE - THERMAL</td>
<td>CARNELIAN - THERMAL</td>
<td>MILFORD PINK</td>
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<tr>
<td>MT. AIRY – SPLIT FACE</td>
<td>SIERRA WHITE – BUSH HAMMERED</td>
<td>CARNELIAN – BUSH HAMMERED</td>
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</table>
SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAYS | PROPOSED FINISH MATERIALS
ULTRA HIGH PERFORMANCE CONCRETE PANELS
FOR NEW RETAINING WALLS

WHITE

LIGHT GRAY

RED

TERRACOTTA
REFERENCE COLOR, NOT PATTERN
SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAYS | PROPOSED FINISH MATERIALS
PAVERS & PRECAST TREADS

PORCELAIN PAVERS

NANTUCKET

MANHATTAN

TURKISH WHITE

ALTERNATIVE MATERIALS

SLATEFACE BLUESTONE PAVER

AGGREGATE PAVER
SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAYS | PROPOSED FINISH MATERIALS
PEDESTAL PAVERS & PRECAST TREADS

PRECAST TREADS

LIGHT GRAY

MEDIUM GRAY
SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAYS | PROPOSED FINISH MATERIALS
VISUALIZATION – OPTION 1A, 1B

OPTION 1A
WALL – UHPC (WHITE)
UNDERPINNING – MT. AIRY

OPTION 1B
WALL – UHPC (GRAY)
UNDERPINNING – MT. AIRY
SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAYS | PROPOSED FINISH MATERIALS
VISUALIZATION – OPTION 2A, 2B

OPTION 2A
WALL – UHPC (WHITE)
UNDERPINNING – SIERRA WHITE

OPTION 2B
WALL – UHPC (GRAY)
UNDERPINNING – SIERRA WHITE
SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAYS | PROPOSED FINISH MATERIALS
VISUALIZATION – OPTION 3A, 3B

**OPTION 3A**
WALL – UHPC (WHITE)
UNDERPINNING – CARNELIAN

**OPTION 3B**
WALL – UHPC (RED/TERRACOTTA)
UNDERPINNING – CARNELIAN

CARNELIAN W. SANDSTONE

Smithsonian Institution
SMITHSONIAN INSTITUTION BUILDING (SIB)

AREAWAYS | PROPOSED FINISH MATERIALS
VISUALIZATION – OPTION 4A, 4B

**OPTION 4A**
WALL – UHPC (WHITE)
UNDERPINNING – MILFORD PINK

**OPTION 4B**
WALL – UHPC (RED/TERRACOTTA)
UNDERPINNING – MILFORD PINK
EXTERIOR LIGHTING
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH FACADE | EXTERIOR LIGHTING
EXISTING - NIGHTTIME IMAGES

NORTH ENTRANCE - JEFFERSON

SOUTH ENTRANCE – HAUPT GARDEN
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTH MALL | EXTERIOR LIGHTING
EXISTING - EVENING IMAGES

NATIONAL MUSEUM OF THE AMERICAN INDIAN
HIRSHHORN MUSEUM
NATIONAL MUSEUM OF AFRICAN AMERICAN HISTORY AND CULTURE
NATIONAL GALLERY OF ART - WEST
OVERALL RECOMMENDATIONS

• Give SIB its deserved presence in the nightscape of the Mall
• Differentiate the spaces through contrast ratios: Greater uniformity or lower contrast ratio on Jefferson Drive while designing the Gardens for a slightly more dramatic experience to accentuate the nature of a private garden.
• Improve nighttime pedestrian safety
• Meet applicable agency policies and design guidelines
  • Energy-efficiency and NCPC Dark Sky compliance
  • Illuminating Engineering Society of North America Recommended Levels Roadway & Exterior Environments
The facade and landscape lighting equipment will be minimally obtrusive and compact.

Facade Accents will be in an above ground housing that, while minimally invasive, will house different optics to create the desired effects.
SMITHSONIAN INSTITUTION BUILDING (SIB)

FAÇADE LIGHTING | SOUTH FACADE
SMITHSONIAN INSTITUTION BUILDING (SIB)

LANDSCAPE AND FAÇADE LIGHTING | PROPOSED - RENDERING
SMITHSONIAN INSTITUTION BUILDING (SIB)

VIEW OF MALL | MADISON + JEFFERSON DRIVE SURVEY
EXISTING - AERIAL VIEW

- Existing Olmsted Pole
- Freer Gallery Pole
- Victorian Lamp Post

NORTH FACADE | EXISTING OLMSTED FIXTURE

EXISTING MADISON + JEFFERSON DRIVE SURVEY
The proposed Olmsted Pole location runs in relation to the natural curve of Jefferson Drive.

• Maintains formality of mall
• The proposed Victorian Pole locations are on the South side - Haupt Garden
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH FACADE | EXTERIOR LIGHTING
CONTROL - SCENES

Through the control system we meet the desired dark sky considerations and preserve the building’s presence in the nighttime Mall.

During the late evening hours (exact hours TBD)
After several hours, the visual impact of this city icon should be perceived but not be overwhelming.

Late Night to dawn
Standing as a Good neighbor to the Washington Mall and an environmental steward, the facade lighting from late night until dawn will be turned off.
Questions or Comments

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RESOLUTION OF PENDING ITEMS
North/Flag Tower Penthouses
**SMITHSONIAN INSTITUTION BUILDING (SIB)**

**NORTH/FLAG TOWER PENTHOUSES | MAIN BUILDING VISUALIZATION**

**MECHANICAL PENTHOUSE – OPTION A**
ARCHED OPENING (PRESENTED CP12)
NARROW DESIGN, CLOSER TO RIDGE, LEAST VISIBILITY

**MECHANICAL PENTHOUSE – OPTION B**
RECTANGULAR OPENING (PRESENTED CP12)
NARROW DESIGN, CLOSER TO RIDGE, LEAST VISIBILITY
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH/FLAG TOWER PENTHOUSES | MAIN BUILDING ELEVATIONS

MECHANICAL PENTHOUSE – OPTION A
ARCHED OPENING (PRESENTED CP12)
NARROW DESIGN, CLOSER TO RIDGE, LEAST VISIBILITY

MECHANICAL PENTHOUSE – OPTION B
RECTANGULAR OPENING (PRESENTED CP12)
NARROW DESIGN, CLOSER TO RIDGE, LEAST VISIBILITY
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH/FLAG TOWER PENTHOUSES | MAIN BUILDING
VISUALIZATION
OPTION A (PRESENTED CP12)

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH

25-30 years

PROPOSED VIEW FROM PATH

4 months
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH/FLAG TOWER PENTHOUSES | MAIN BUILDING
VISUALIZATION
OPTION A (PRESENTED CP12)

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH

4 months

25-30 years

PROPOSED VIEW FROM PATH
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH/FLAG TOWER PENTHOUSES | MAIN BUILDING
VISUALIZATION
OPTION B (PRESENTED CP12)

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH

PROPOSED VIEW FROM PATH

4 months

25-30 years

Smithsonian Institution
SMITHSONIAN INSTITUTION BUILDING (SIB)

NORTH/FLAG TOWER PENTHOUSES | MAIN BUILDING
VISUALIZATION
OPTION B (PRESENTED CP12)

EXISTING VIEW FROM PATH

PROPOSED VIEW FROM PATH

PROPOSED VIEW FROM PATH

4 months

25-30 years
RESOLUTION OF PENDING ITEMS
South Entry Plan
South Entrance Historic Conditions

FROM SOUTH MALL CULTURAL LANDSCAPE REPORT

SOUTH TOWER AND SOUTH YARD, 1860
South Entrance Historic Conditions

FROM SOUTH MALL CULTURAL LANDSCAPE REPORT

SOUTH ELEVATION AND SOUTH YARD, 1880
South Entrance Historic Conditions

Landscape Evolution Diagram 1936
FROM SOUTH MALL CULTURAL LANDSCAPE REPORT

SOUTH ELEVATION AND SOUTH YARD, 1909
South Entrance Historic Conditions

Landscape Evolution Diagram 1988
FROM SOUTH MALL CULTURAL LANDSCAPE REPORT

SOUTH ELEVATION AND SOUTH YARD, 1987
SMITHSONIAN INSTITUTION BUILDING (SIB)

SIB SOUTH ENTRANCE | PAVING MATERIAL
OPTION A – OLYMPIC BLACK SEISMIC JOINT COVER AND BRICK PAVING
*PREFERRED OPTION
SMITHSONIAN INSTITUTION BUILDING (SIB)

SIB SOUTH ENTRANCE | PAVING MATERIAL
OPTION B – OLYMPIC BLACK SEISMIC JOINT COVER AND PLANTED AREA
RESOLUTION OF PENDING ITEMS
Roof Dimensional Changes
SMITHSONIAN INSTITUTION BUILDING (SIB)

ROOFING | PROPOSED
THICKNESS VISUALIZATION

LEGEND

Roofing Type
- Modified-Bitumen Roofing
- Slate Roofing
- Copper Roofing

- < 1 in. Net Increase in Roof Thickness
- > 1 in. and < 3 in. Net Increase in Roof Thickness
- > 3 in. and < 5 in. Net Increase in Roof Thickness
- 5 in. Net Increase in Roof Thickness
- No Impact to Existing Thickness/Edge Detail Which Would be Visible from Grade
SMITHSONIAN INSTITUTION BUILDING (SIB)

ROOF DIMENSIONAL CHANGES | PROPOSED VISUALIZATION

PROPOSED INCREASE IN ROOF THICKNESS (+4.75")
SMITHSONIAN INSTITUTION BUILDING (SIB)

ROOF | PROPOSED
DIMENSIONAL CHANGE TO ACCOMMODATE INSULATION

MAIN HALL – NORTH ELEVATION ROOF LOOKING WEST

GREAT HALL ROOF

EXISTING CONDITION
SMITHSONIAN INSTITUTION BUILDING (SIB)

ROOF | PROPOSED
DIMENSIONAL CHANGE TO ACCOMMODATE INSULATION

MAIN HALL ROOF
EXISTING

MAIN HALL ROOF
PROPOSED (+4.75")

EXISTING

PROPOSED (+4.75")
SMITHSONIAN INSTITUTION BUILDING (SIB)

ROOF | PROPOSED
DIMENSIONAL CHANGE TO ACCOMMODATE INSULATION

EAST RANGE ROOF

EAST RANGE – ROOF LOOKING NORTHEAST

+5.25 in at high point
6.5 in

ROOF TAPERS TO MINIMIZE VISUAL IMPACT

EXISTING CONDITION
SMITHSONIAN INSTITUTION BUILDING (SIB)

ROOF | PROPOSED
DIMENSIONAL CHANGE TO ACCOMMODATE INSULATION

EAST RANGE & EAST WING ROOF
EXISTING

EAST RANGE & EAST WING ROOF
PROPOSED (TAPER TO +5.25")

EXISTING

PROPOSED (TAPER TO +5.25")
SMITHSONIAN INSTITUTION BUILDING (SIB)

ROOF | PROPOSED
DIMENSIONAL CHANGE TO ACCOMMODATE INSULATION

MAIN HALL – WEST END OF NORTH ELEVATION ROOF

GREAT HALL ROOF

EXISTING CONDITION

+1.25 in
3.0 in

SMITHSONIAN REVITALIZATION OF THE HISTORIC CORE 96
SMITHSONIAN INSTITUTION BUILDING (SIB)

ROOF | PROPOSED
DIMENSIONAL CHANGE TO ACCOMMODATE INSULATION

MAIN HALL – WEST END
EXISTING

MAIN HALL – WEST END
PROPOSED (+1.25” – 4.75”)

PROPOSED (+1.25” – 4.75”)
EXISTING
SMITHSONIAN INSTITUTION BUILDING (SIB)

ROOF FALL PROTECTION | PROPOSED (WITHOUT FALL PROTECTION) VISUALIZATION

PROPOSED INCREASE IN ROOF THICKNESS (+4.75")
SMITHSONIAN INSTITUTION BUILDING (SIB)

ROOF FALL PROTECTION | PROPOSED VISUALIZATION

PROPOSED INCREASE IN ROOF THICKNESS (+4.75") WITH STANCHIONS AND LIFELINES
SMITHSONIAN INSTITUTION BUILDING (SIB)

ROOF FALL PROTECTION | PROPOSED (WITH FALL PROTECTION)

VISUALIZATION

PROPOSED INCREASE IN ROOF THICKNESS (+4.75") WITH STANCHIONS AND LIFELINES
RESOLUTION OF PENDING ITEMS
Southwest Areaway Modification
Original proposal based on 2" concrete formliner, available information regarding joint cover clearance, and schematic calculated egress widths

Continued CD development and updated information requires additional clearances for:

A. Converging egress point; critical to maintain required egress width (46”)
B. Seismic joint cover movement (18” joint + 6” movement = 24”)
C. Tolerance for areaway finish materials (5” for material)

To maintain current footprint the following modifications will be required:
- removal of wall finish at retaining wall and stair wall
- side mounting of lower handrail
- alternative joint cover product
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTHWEST (W) AREAWAY | MODIFICATION
UPDATED PROPOSAL (PRESENTED CP13)

Changes:
• Increased space for facing material to 5”
• Retaining wall at stair shifted 22” south
• Stair landing extended 14” west

*Retaining wall intersection at building does not change
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTHWEST (W) AREAWAY | MODIFICATION
UPDATED PROPOSAL (PRESENTED CP13)

Section Details proposed CP13:
• Finish materials TBD, pending future CP review
• 5” of depth allocated for finish wall material (TBD)
• Minimum 24” clearance at seismic joint
• Minimum 46” egress clearance
• Guardrail centered over structure below

UPDATE - steps to eliminate the 22” shift:
• remove areaway finish (10” gained)
• replace seismic joint with compressible foam and protective metal plate (12” gained)
• extend landing to width of areaway
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTHWEST (W) AREAWAY | MODIFICATION
UPDATED PROPOSAL (CP14)

Section Details:
• Remove finish material from lower landings
• Minimum 46" egress clearance
• Replace joint cover with compressible joint and protective plate
• Extend landing to width of areaway

UPDATE: COMPRESSIBLE JOINT WITH PROTECTIVE PLATE
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTHWEST (W) AREAWAY | MODIFICATION
UPDATED PROPOSAL (CP14)

AXON (PROPOSED MODIFICATION)

AXON (PROPOSED MODIFICATION)
SMITHSONIAN INSTITUTION BUILDING (SIB)

SOUTHWEST (W) AREAWAY | MODIFICATION
UPDATED PROPOSAL (CP14) – MATERIALS AND JOINT COVERS

A) SSRW
HORIZONTAL JOINT COVER WITH PAN FOR FINISH MATERIAL

B) VF/VFH
VERTICAL/HORIZONTAL COMPRESSIBLE SEISMIC JOINT

C) PCS-2G
HORIZONTAL JOINT COVER WITH SLIP RESISTANT PLATE

NO FINISH PANELS; PARGE OR PAINT
FINISH PANELS
<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
<th>Meeting Content *</th>
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<tbody>
<tr>
<td>In-person material review</td>
<td>July 12, 2023 (AM)</td>
<td>• Exterior finishes</td>
</tr>
<tr>
<td>Consulting Parties Meeting #15</td>
<td>July 26, 2023</td>
<td>• Basement Windows and Doors</td>
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<td>• Including Interior Effects</td>
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<td>• Window Replacement</td>
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<td>• Exterior Appearance/ Detailing</td>
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<td>• Anchorage Details</td>
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<tr>
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<td>• Interior Effects</td>
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</tbody>
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**Phase 2 Section 106 Consultation Continues through 2023**

*Assessment of Effects on Historic Resources Report will be revised through consultation for Phase 2 actions*
RoHC Revitalize Castle – Next Steps

- Programmatic Agreement executed March 29, 2023
- 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://ahhp.si.edu/historic-core
Questions or Comments

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David Ghatan, FIALD, CLD, MIES, President, CM Kling + Associates
SMITHSONIAN INSTITUTION BUILDING (SIB)

SITE FURNISHING | SI RHC SOUTH EXISTING
SMITHSONIAN INSTITUTION BUILDING (SIB)

SITE FURNISHING | SI RHC PROPOSED
APPENDIX
NORTH ENTRY RAMPS
SMITHSONIAN INSTITUTION BUILDING (SIB)

SLOPED SIDEWALK FROM JEFFERSON DRIVE – WEST: PROPOSED

OPTION 2 – MT. AIRY
SMITHSONIAN INSTITUTION BUILDING (SIB)

SLOPED SIDEWALK FROM JEFFERSON DRIVE – WEST: PROPOSED

OPTION 3 – 6”HT MT. AIRY
SMITHSONIAN INSTITUTION BUILDING (SIB)

SLOPED SIDEWALK FROM JEFFERSON DRIVE – WEST: PROPOSED

OPTION 4- MT AIRY COPING
SMITHSONIAN INSTITUTION BUILDING (SIB)

SLOPED SIDEWALK FROM JEFFERSON DRIVE – WEST: PROPOSED

OPTION 5 - ACADEMY BLACK