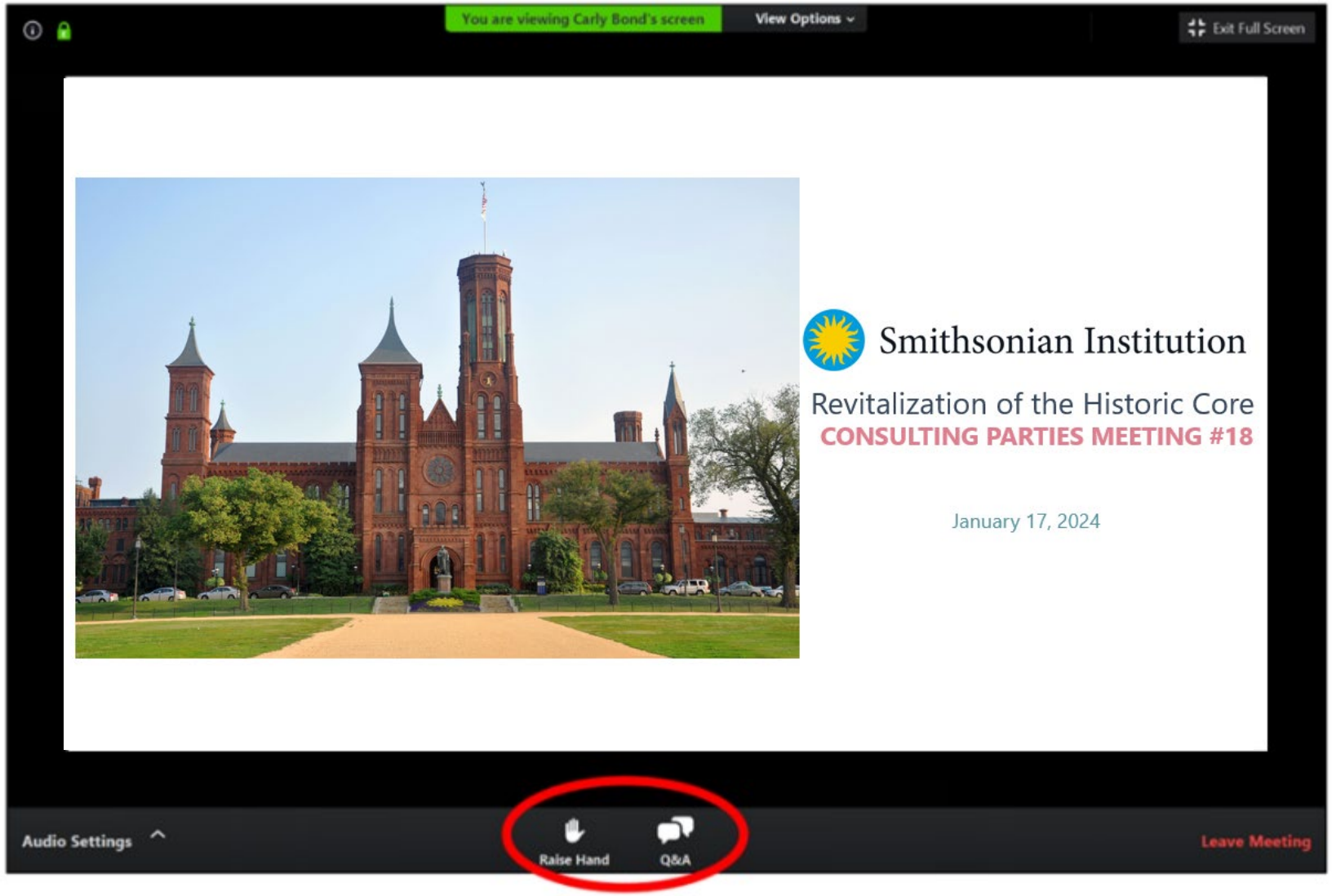
Welcome!

The meeting will begin momentarily.



How to Use Zoom Webinar:

- Zoom webinar will not permit access to your camera.
- Please submit comments/questions in writing through the Q&A function.
- Written comments/questions can be submitted at any time and will be answered or discussed at designated points during the meeting by the panelists.
- Click "Raise Hand" if you would like to speak your comments/questions at designated points with the panelists. A moderator will grant access to your device's microphone.

Smithsonian Institution

Revitalization of the Historic Core

CONSULTING PARTIES MEETING #18

January 17, 2024

AGENDA

- **Section 106 Consultation Status**
- **Review Draft Amendment to the Programmatic Agreement**
- **Schedule and Next Steps**

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.

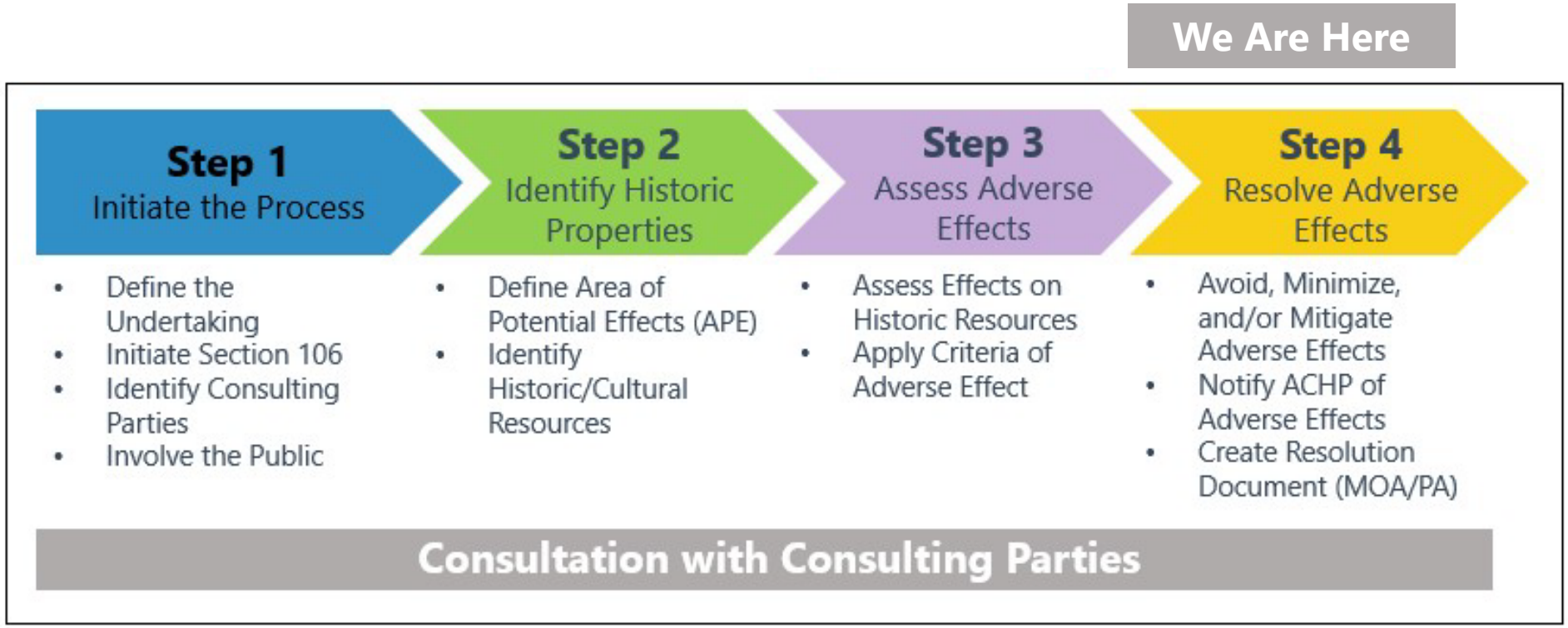
MODERATOR

Carly Bond, Historic Preservation Specialist

PRESENTERS / PANELISTS

Matthew Chalifoux, FAIA, Sr. Historic Preservation Architect, EYP-Loring, LLC

SECTION 106 CONSULTATION STATUS



- Assessment of Effects on Historic Resources reviewed in two phases. Finalized in Fall 2023.
- Programmatic Agreement oversees Phases 1 and 2.

- Amendment to the PA to address Phase 2 actions released for Consulting Parties review on December 20, 2023.

FINAL ASSESSMENT OF EFFECTS REPORT SUMMARY

PA Amendment – Exhibit H

Phase 2 Action	Final Effect Determination
Landscape and Planting Plan	No Adverse Effect
Perimeter Security	**Adverse Effect**
Signage	No Adverse Effect
Lighting	No Adverse Effect
Building Lighting	No Adverse Effect
South Tower Elevators – Exterior Alterations	**Adverse Effect**
South Tower Elevators – Interior Effects	**Adverse Effect**
Areaways and Window Wells – Finishes	**Adverse Effect**
Seismic Control Joint Cover Plate – Finishes	**Adverse Effect**
Emergency Generators	No Adverse Effect
In-Kind Replacement of Roof Materials	No Adverse Effect
Installation of Lighting Protection	No Adverse Effect
Installation of Rooftop Fall Protection	**Adverse Effect**
Installation of Roof Access	No Adverse Effect
Roof Modifications – Energy Improvements, Including Increases in Roof Thickness	No Adverse Effect
Modifications to Rooftop Mechanical Penthouses	**Adverse Effect**
Installation of East Wing 4th Floor Egress	**Adverse Effect**
Replacement and Restoration of Windows	**Adverse Effect**
Replacement and Restoration of Windows – Interior Effects	No 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**

SECTION 106 CONSULTATION STATUS

What is a Programmatic Agreement?

- Per 36 CFR § 800.14(b): A Programmatic Agreement (PA) may be used when the effects on historic properties cannot be fully determined prior to approval of an undertaking
- PA is a legally binding document that oversees Phases 1 and 2 of consultation on the project
- PA codifies the measures and terms that SI will fulfill
- Failure to comply with the terms of the PA may require reopening the Section 106 process

Signatories to the PA

- Smithsonian Institution
- District of Columbia State Historic Preservation Officer
- Advisory Council on Historic Preservation
- National Capital Planning Commission

Amendment to the PA

- Resolution of Phase 2 consultation formalized in an amendment to the PA
- Amendment codifies the additional avoidance, minimization, and mitigation measures for Phase 2

- Draft Amendment to the PA is available through the project webpage:
- https://ahhp.si.edu/historic-core
- **Comments on the Amendment to the PA are welcome today or in writing via email until January 24, 2024**

PA AMENDMENT OUTLINE

Preamble:
- Whereas clauses

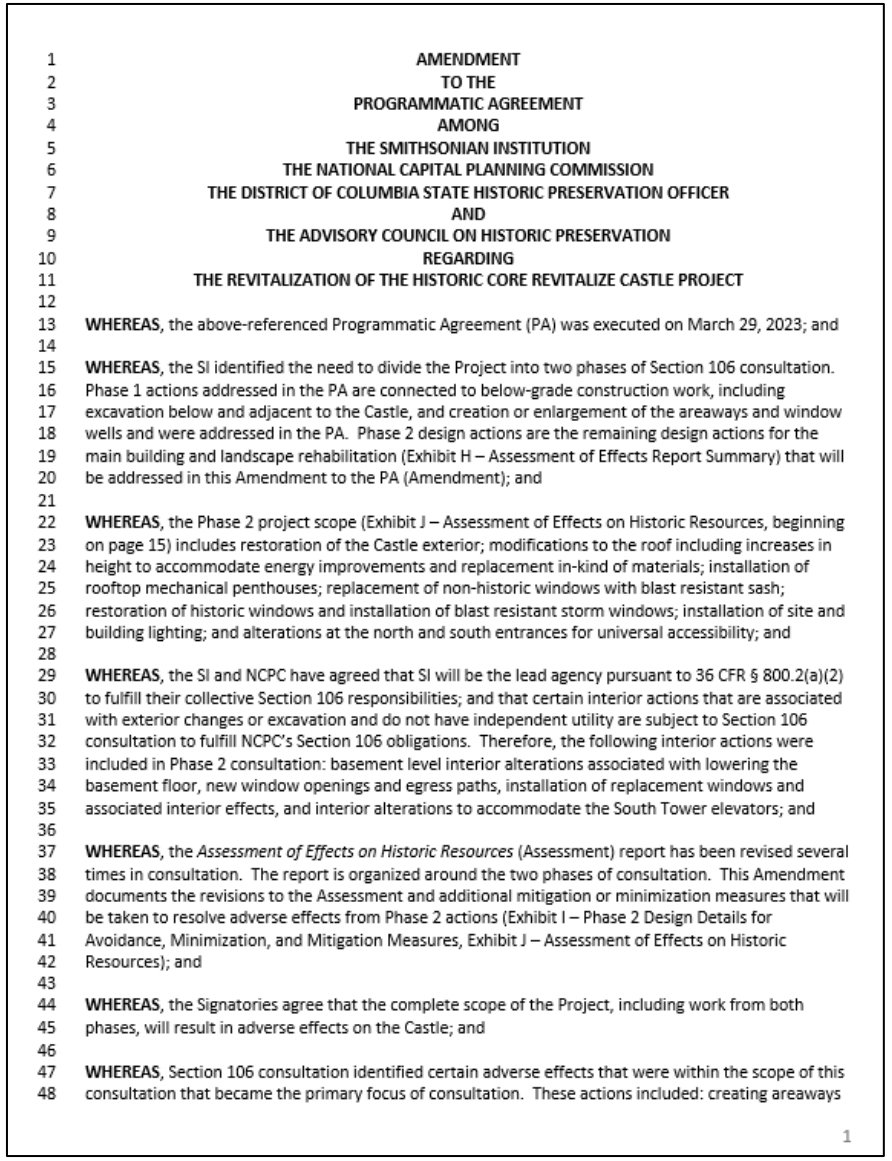
Stipulations:
- (1 through 15 are contained in the PA)
- 16 – Additional Avoidance Measures for Phase 2
- 17 – Additional Minimization Measures for Phase 2 (Minimization measures are specific design actions to minimize adverse effect on historic resources)
- 18 – Additional Mitigation Measures (Mitigation involves compensation for the loss or diminishment of a historic property)
- 19 – Continuing Involvement of Consulting Parties
- 20 – Electronic Copies

Exhibits

WHEREAS CLAUSES

Whereas Clauses Summary:

- Two phases of Section 106 consultation.
- Description of the Phase 2 project scope.
- Inclusion of certain interior actions in consultation to fulfill NCPC's Section 106 obligation.
- Purpose of the PA Amendment:
  - Document the revisions to the Assessment of Effects on Historic Resources.
  - Additional mitigation or minimization measures to resolve adverse effects from Phase 2.
- Consensus that the complete scope of the Project will result in adverse effects on the Castle.
- Description of Phase 2 actions that became the primary focus of consultation.
- Consensus that the cumulative effect of the Project will result in adverse effect on the National Mall Historic District.



AMENDMENT
TO THE
PROGRAMMATIC AGREEMENT
AMONG
THE SMITHSONIAN INSTITUTION
THE NATIONAL CAPITAL PLANNING COMMISSION
THE DISTRICT OF COLUMBIA STATE HISTORIC PRESERVATION OFFICER
AND
THE ADVISORY COUNCIL ON HISTORIC PRESERVATION
REGARDING
THE REVITALIZATION OF THE HISTORIC CORE REVITALIZE CASTLE PROJECT

WHEREAS, the above-referenced Programmatic Agreement (PA) was executed on March 29, 2023; and

WHEREAS, the SI identified the need to divide the Project into two phases of Section 106 consultation. Phase 1 actions addressed in the PA are connected to below-grade construction work, including excavation below and adjacent to the Castle, and creation or enlargement of the areaways and window wells and were addressed in the PA. Phase 2 design actions are the remaining design actions for the main building and landscape rehabilitation (Exhibit H – Assessment of Effects Report Summary) that will be addressed in this Amendment to the PA (Amendment); and

WHEREAS, the Phase 2 project scope (Exhibit J – Assessment of Effects on Historic Resources, beginning on page 15) includes restoration of the Castle exterior; modifications to the roof including increases in height to accommodate energy improvements and replacement in-kind of materials; installation of rooftop mechanical penthouses; replacement of non-historic windows with blast resistant sash; restoration of historic windows and installation of blast resistant storm windows; installation of site and building lighting; and alterations at the north and south entrances for universal accessibility; and

WHEREAS, the SI and NCPC have agreed that SI will be the lead agency pursuant to 36 CFR § 800.2(a)(2) to fulfill their collective Section 106 responsibilities; and that certain interior actions that are associated with exterior changes or excavation and do not have independent utility are subject to Section 106 consultation to fulfill NCPC's Section 106 obligations. Therefore, the following interior actions were included in Phase 2 consultation: basement level interior alterations associated with lowering the basement floor, new window openings and egress paths, installation of replacement windows and associated interior effects, and interior alterations to accommodate the South Tower elevators; and

WHEREAS, the *Assessment of Effects on Historic Resources* (Assessment) report has been revised several times in consultation. The report is organized around the two phases of consultation. This Amendment documents the revisions to the Assessment and additional mitigation or minimization measures that will be taken to resolve adverse effects from Phase 2 actions (Exhibit I – Phase 2 Design Details for Avoidance, Minimization, and Mitigation Measures, Exhibit J – Assessment of Effects on Historic Resources); and

WHEREAS, the Signatories agree that the complete scope of the Project, including work from both phases, will result in adverse effects on the Castle; and

WHEREAS, Section 106 consultation identified certain adverse effects that were within the scope of this consultation that became the primary focus of consultation. These actions included: creating areaways

1

STIPULATION 16. ADDITIONAL AVOIDANCE MEASURES FOR PHASE 2
16.A. Use of In-Kind Replacement Materials

16.A.i. Exterior Masonry Repairs to Historic Fabric:

- Maximum amount of sound Seneca sandstone will be preserved.
- Exterior sandstone restored, cleaned, and pointed.
- St. Bees red sandstone alternative to be used after SI Seneca stockpile depleted.

St. Bees sample held against the Castle.

Salvaged Seneca sandstone in SI storage.

16.A.ii. Roof Materials:

- Slate shingles replaced with closest matching material available "Grayson Slate."
- Existing lead coated copper replaced with zinc-tin coated copper.
- Shingle sizes, detail, and amount of exposure will be maintained.

Typical conditions of slate roofing shingles.

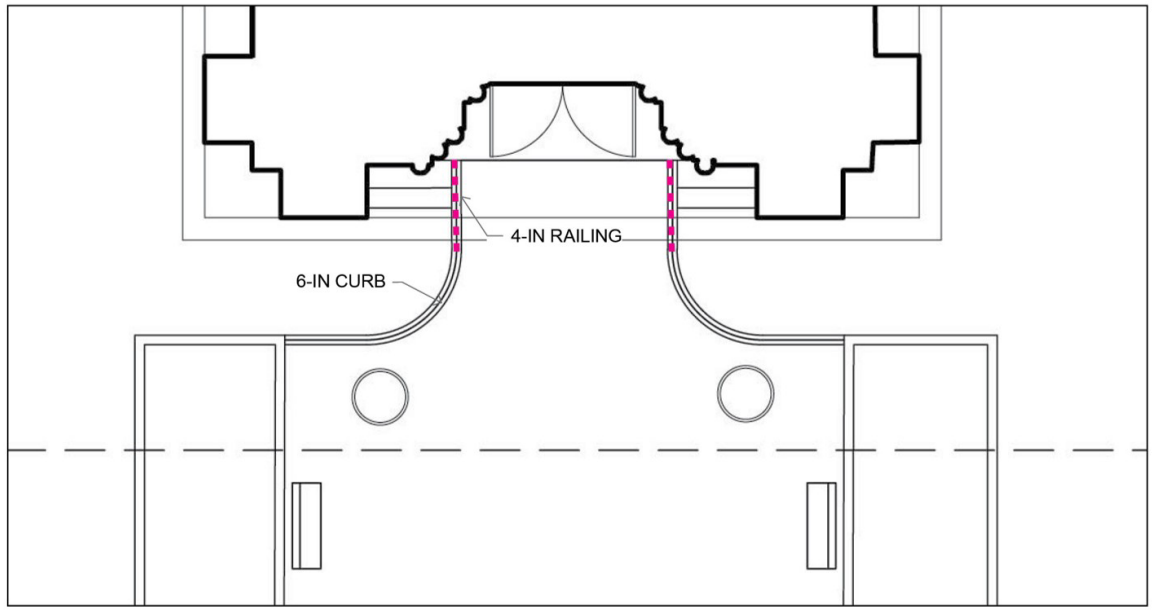
Proposed "Grayson Slate" shingles.

STIPULATION 16. ADDITIONAL AVOIDANCE MEASURES FOR PHASE 2
16.B. South Entrance Accessible Walkway

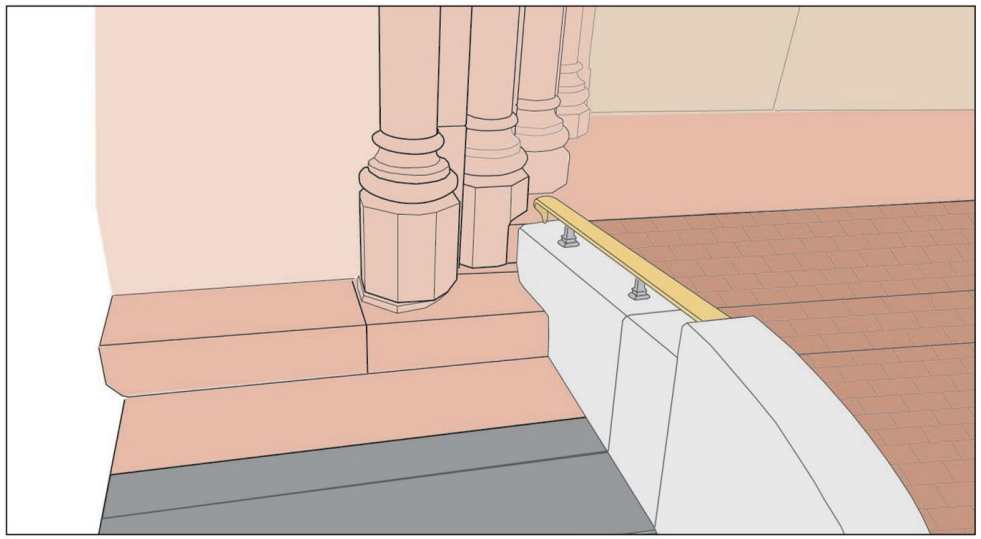
- Adverse effect is avoided through retaining the historic sandstone steps and constructing the walkway over the steps flush with the historic stone landing.
- Full visibility of the South Entrance decorative door portal features.
- Universal walkway slope eliminates a code required handrail.
- Use of salvaged brick pavers and Mount Airy granite curbs in keeping with Haupt Garden materials.

Rendering of the South Entrance Accessible Walkway.

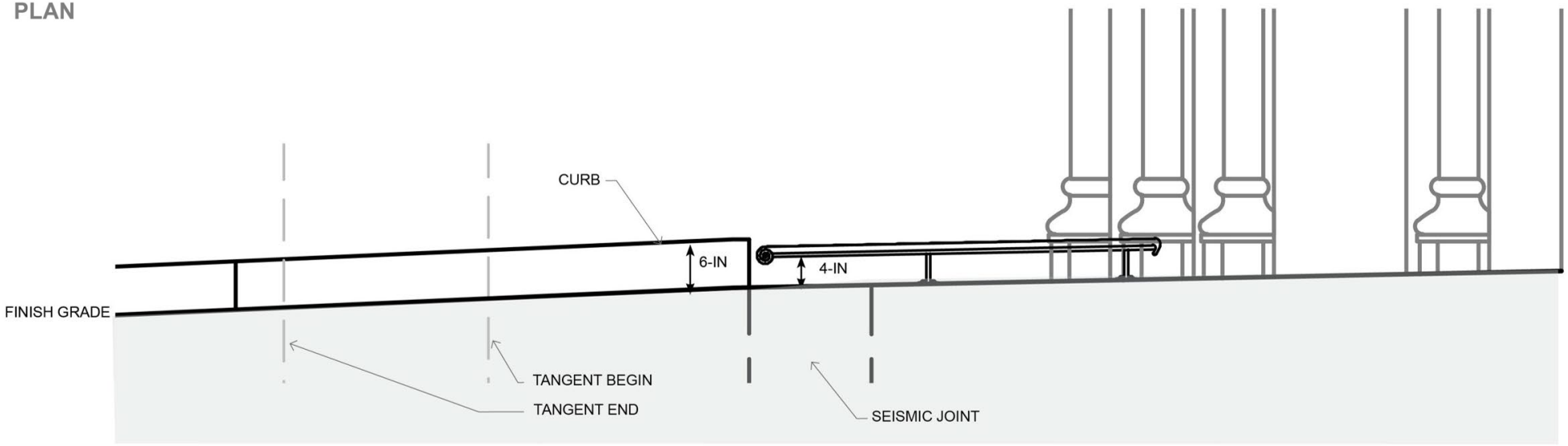
SOUTH ENTRANCE ACCESSIBLE WALKWAY



PLAN

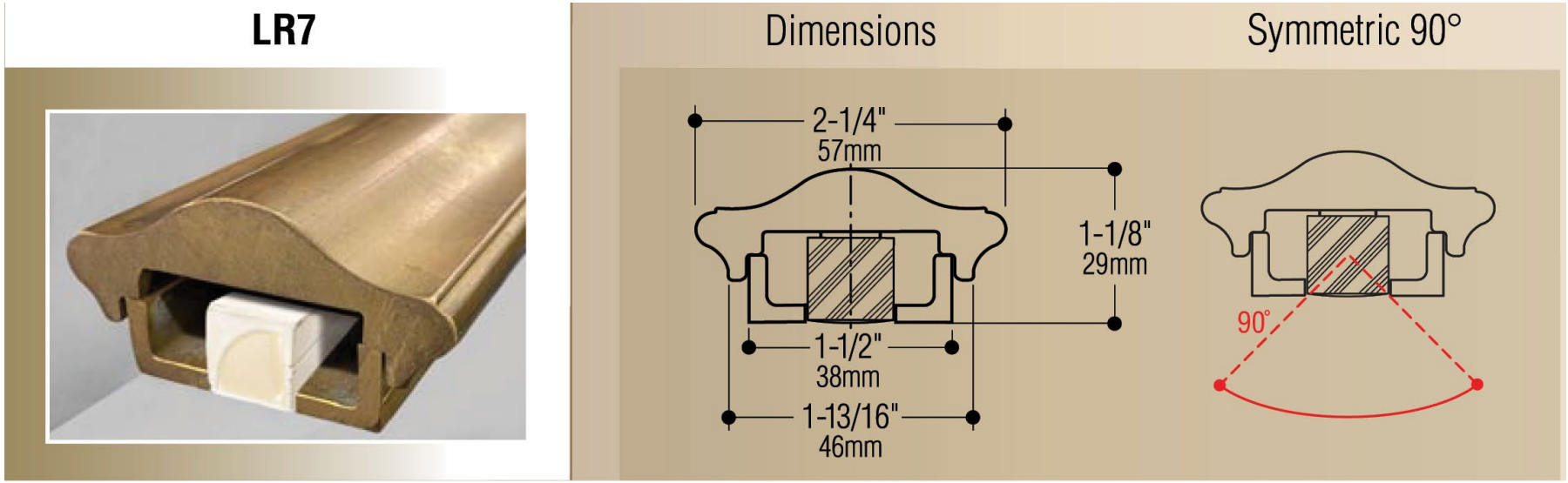


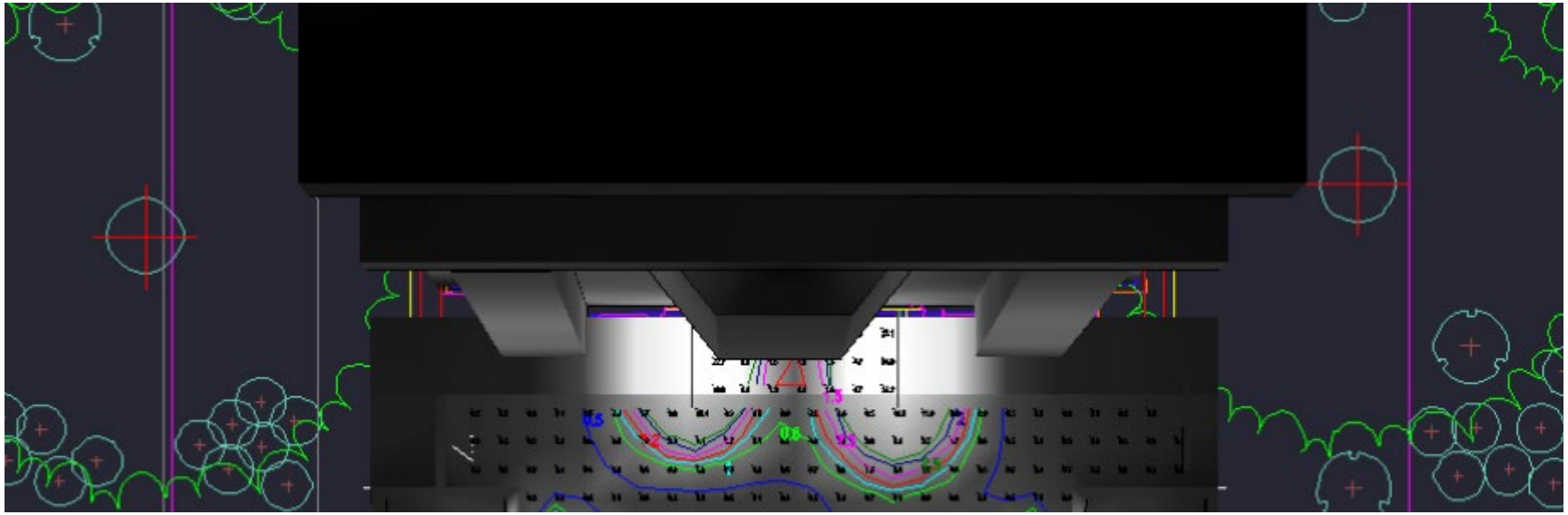
AXON LOOKING NORTH AT SOUTH ENTANCE LANDING AND WESTERN CURB



SECTION FROM WALKING SURFACE LOOKING WEST

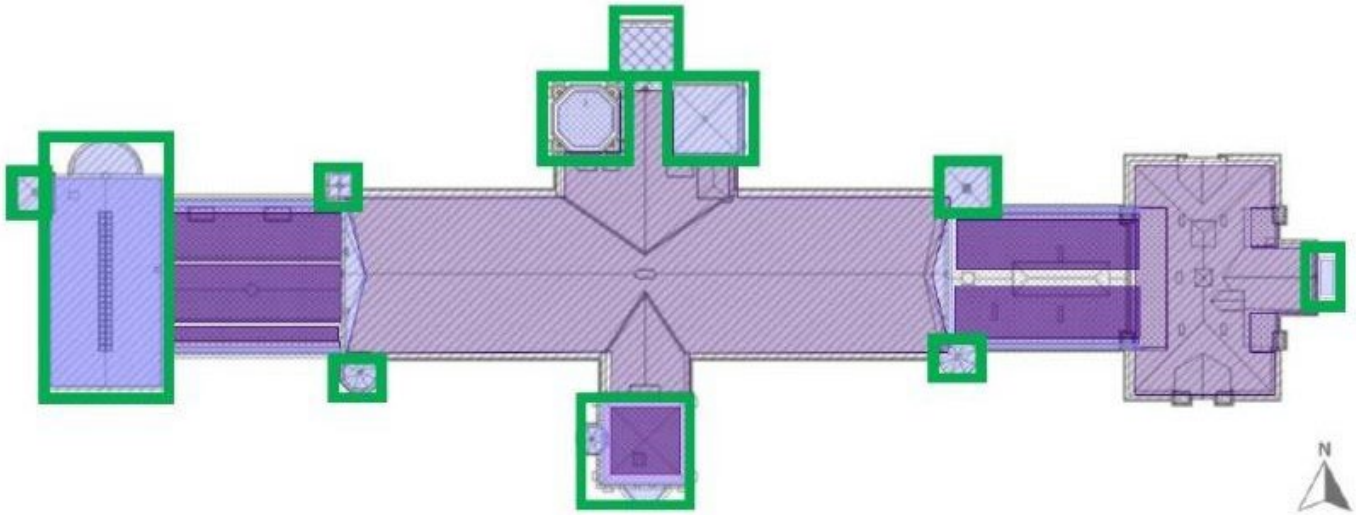
SOUTH ENTRANCE ACCESSIBLE WALKWAY





STIPULATION 16. ADDITIONAL AVOIDANCE MEASURES FOR PHASE 2
16.C. Roof Modifications

- Increases to roof height/thickness to accommodate insulation will be limited to locations where the dimensional change will not be perceptible.
- No changes will occur at visible roof edges.
- Roof dimensional changes at flat metal areas will taper to the roof edges to keep the alteration non-visible

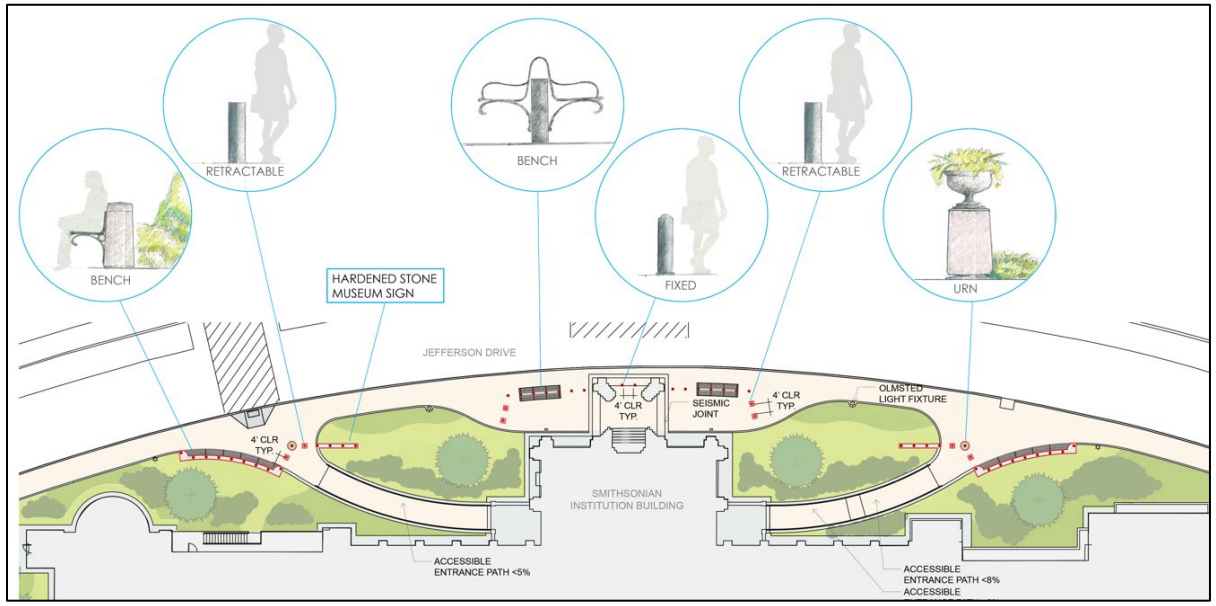


Prosed roof plan. Green outline notes areas with visible roof edges. Dimensional changes are not proposed in these locations to avoid adverse effect.

Proposed and existing montage demonstrating the roof change over the East Range.

STIPULATION 17. ADDITIONAL MINIMIZATION MEASURES FOR PHASE 2
17.A. Perimeter Security

Secure perimeter at the Castle's three entrance and exit points on Jefferson Drive will be accomplished through a combination of hardened street furniture, including bollards, urns on pedestals, wall signage, and benches. Benches and wall signage conceal bollards in keeping with traditional street furniture types.



Partial Castle site plan. Perimeter security elements on Jefferson Drive.

17.A.i. Bollards:

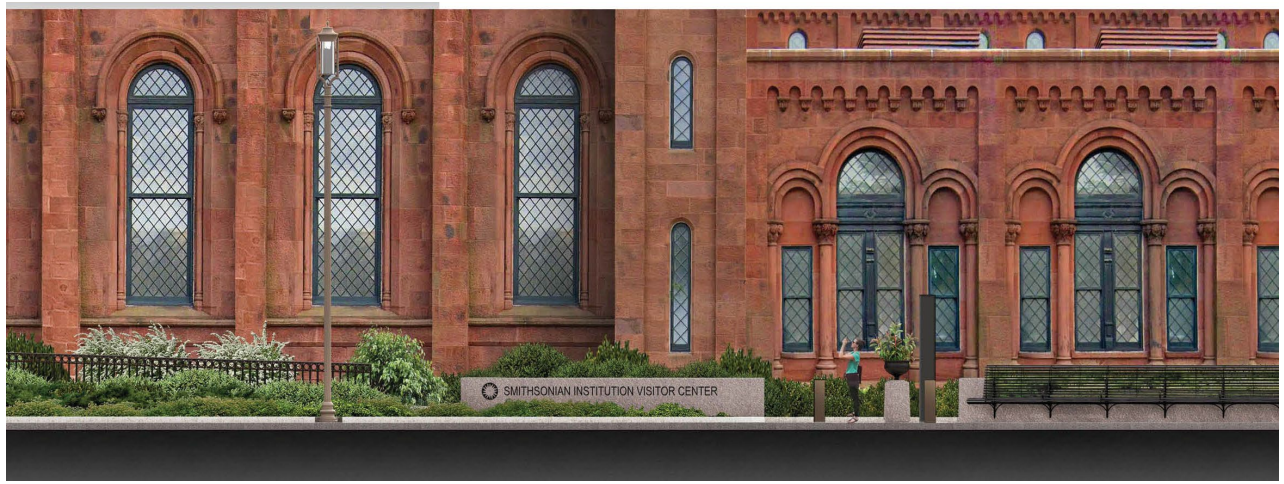
- Free-standing fixed and retractable bollards will measure 30 inches in height and 7 inches in diameter for visual continuity.
- Bollards will be clad in bronze with minimal detailing to reference the Castle's stonework.

17.A.ii. Double-sided Metal Bench:

- Two double-sided metal open slat benches will incorporate four bollards each, on either side of the porte cochere.
- Design is a contemporary take on existing wood slat and metal filigree benches found in the National Mall and Castle settings.

STIPULATION 17. ADDITIONAL MINIMIZATION MEASURES FOR PHASE 2

17.A. Perimeter Security



Rendering of perimeter security at the west accessible walkway using a gray-brown granite.

17.A. iii. Wall Bench:

- Two wall benches will incorporate nine bollards each adjacent to the accessible walkways.
- Bench type consists of open metal slats above a granite base.
- Granite base will step down from the ends to permit maximum visibility of the Castle and the landscape setting.

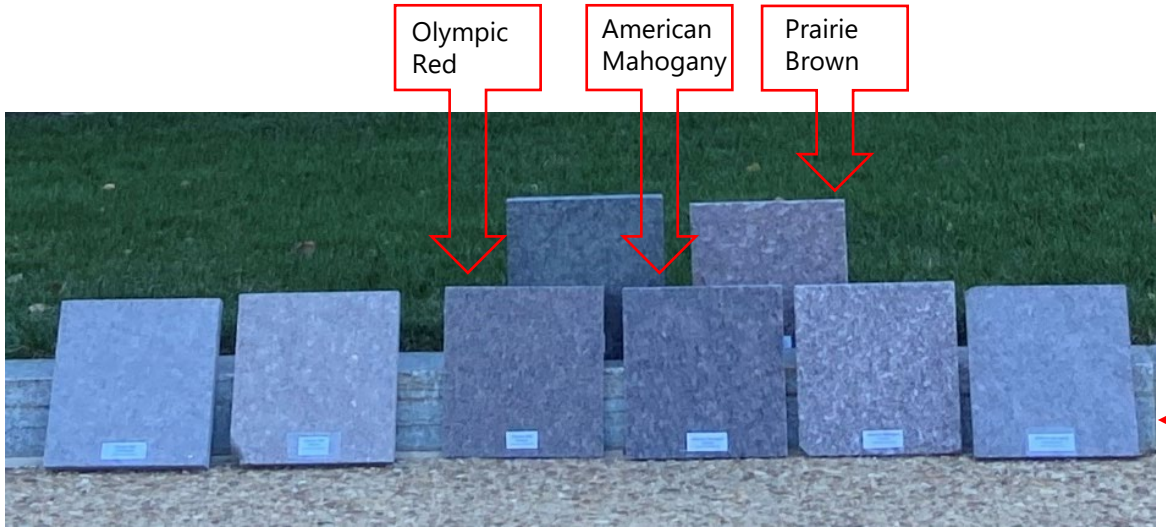
17.A.iv. Granite Type:

- Granite will be used for the wall bench base, wall signage, and urn pedestals.
- Gray-brown stone colorway was selected in Phase 2 consultation, contextual to both the Castle and the Jefferson Drive streetscape material palettes.

STIPULATION 17. ADDITIONAL MINIMIZATION MEASURES FOR PHASE 2

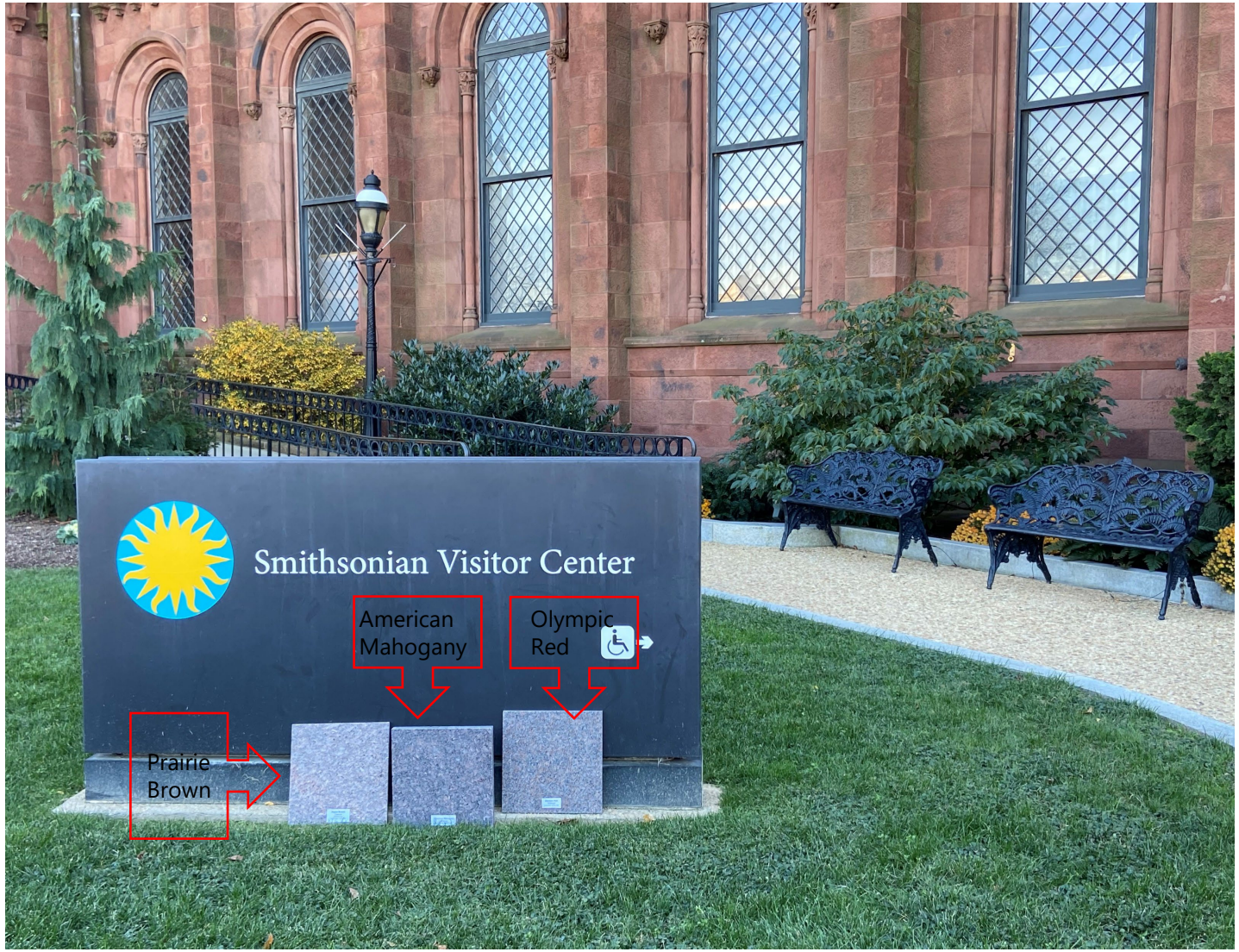
17.A. Perimeter Security

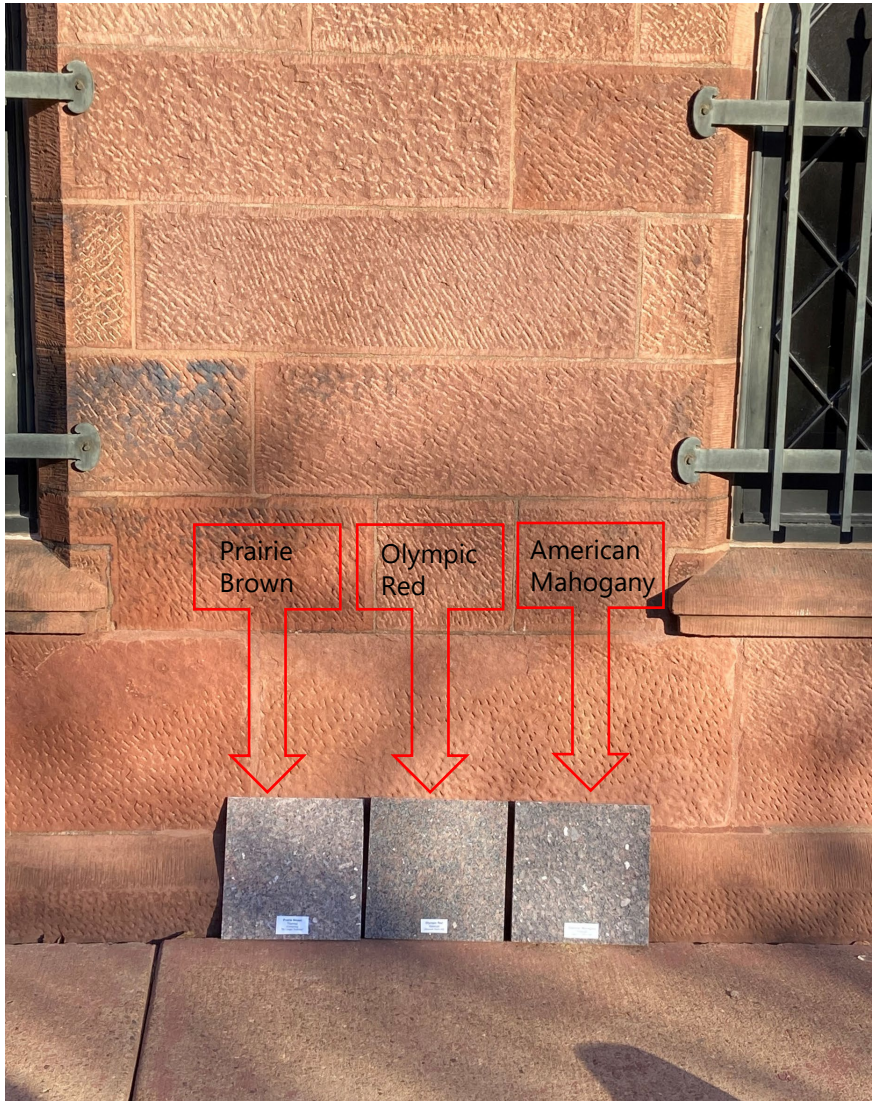
- Prairie Brown was selected in Phase 2 consultation, contextual to both the Castle and the Jefferson Drive streetscape material palettes.
- Subsequently determined Prairie Brown is not available in the range needed.
- Alternate gray-brown granites were assessed. SI prefers American Mahogany.



STIPULATION 17. ADDITIONAL MINIMIZATION MEASURES FOR PHASE 2

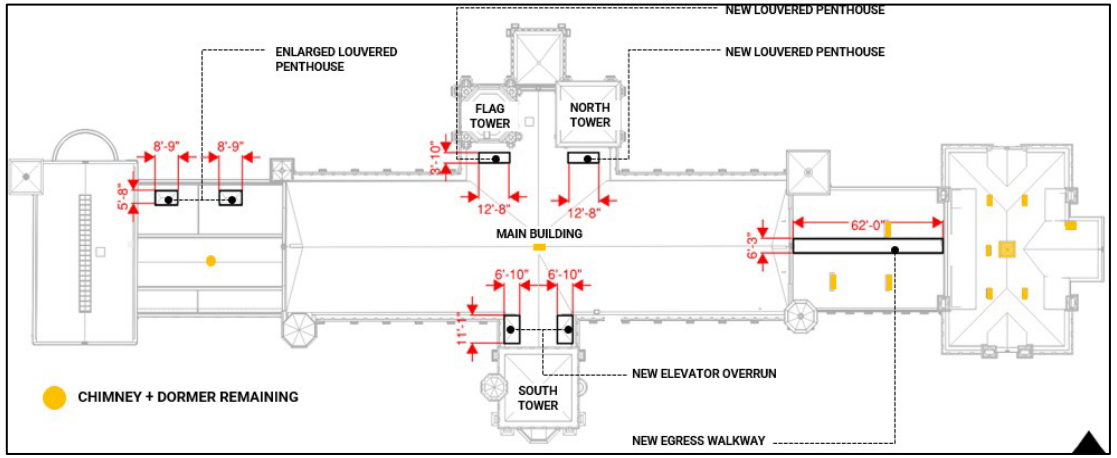
17.A. Perimeter Security



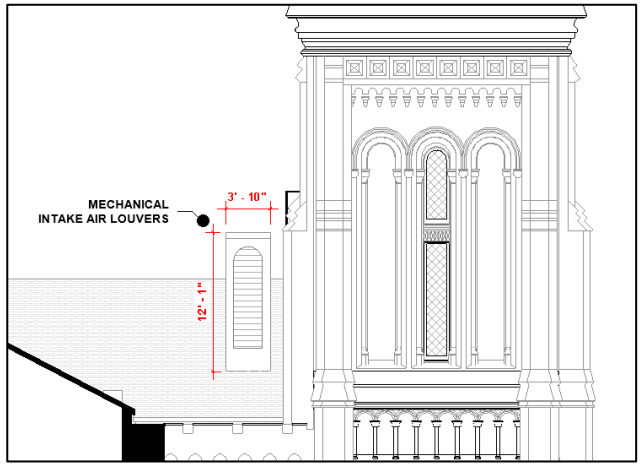


STIPULATION 17. ADDITIONAL MINIMIZATION MEASURES FOR PHASE 2
17.B. Modifications to Rooftop Mechanical Penthouses

Historic non-functioning visible rooftop mechanical features will be retained, including, the metal mushroom vent on the West Range roof, and the decorative abandoned masonry chimneys on East Range and East Wing.



Proposed Castle roof plan. Historic chimneys and dormers that will be retained are noted in yellow.



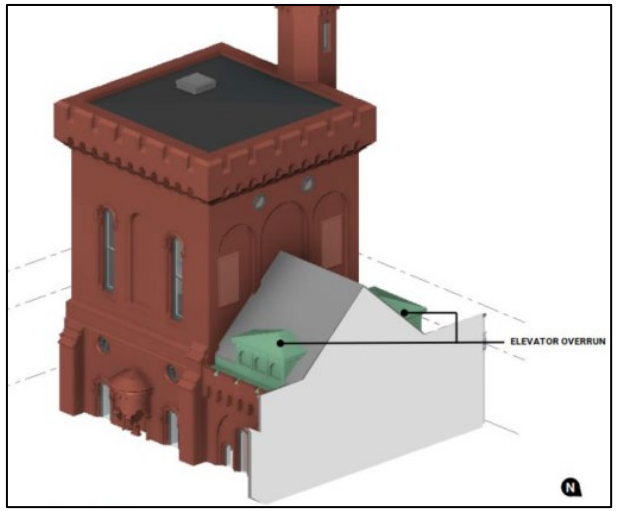
Section elevation of the Castle's North Tower and Hyphen. Rendered view of the visibility of the same penthouse from Jefferson Drive.

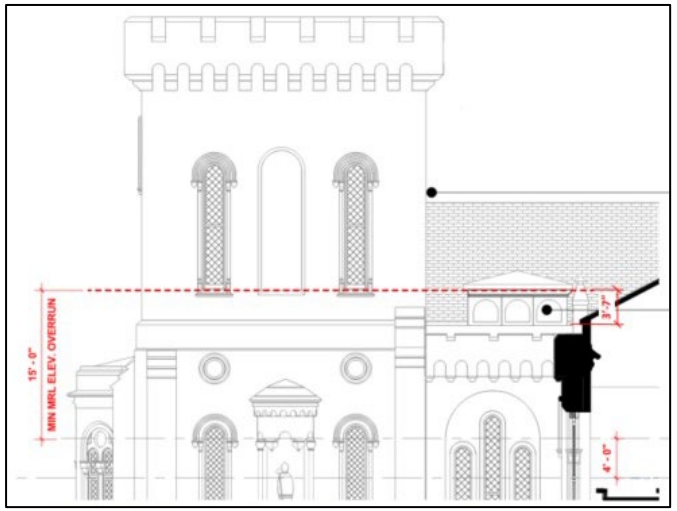
17B.i. North Entry Hyphen Mechanical Penthouses:

- Preferred alternative is the narrowest width (3'10") and shortest height (12'1") possible and closest in placement to the Hyphen roof.
- Penthouses will be clad in copper and detailed with an arched louver treatment.

STIPULATION 17. ADDITIONAL MINIMIZATION MEASURES FOR PHASE 2
17.C. South Tower Elevators

- Two elevators are proposed in the South Tower for the primary public circulation to all levels of the Castle's interior.
- Proposed west elevator shaft replaces a non-historic elevator shaft. East elevator replaces a non-historic circulation stair.



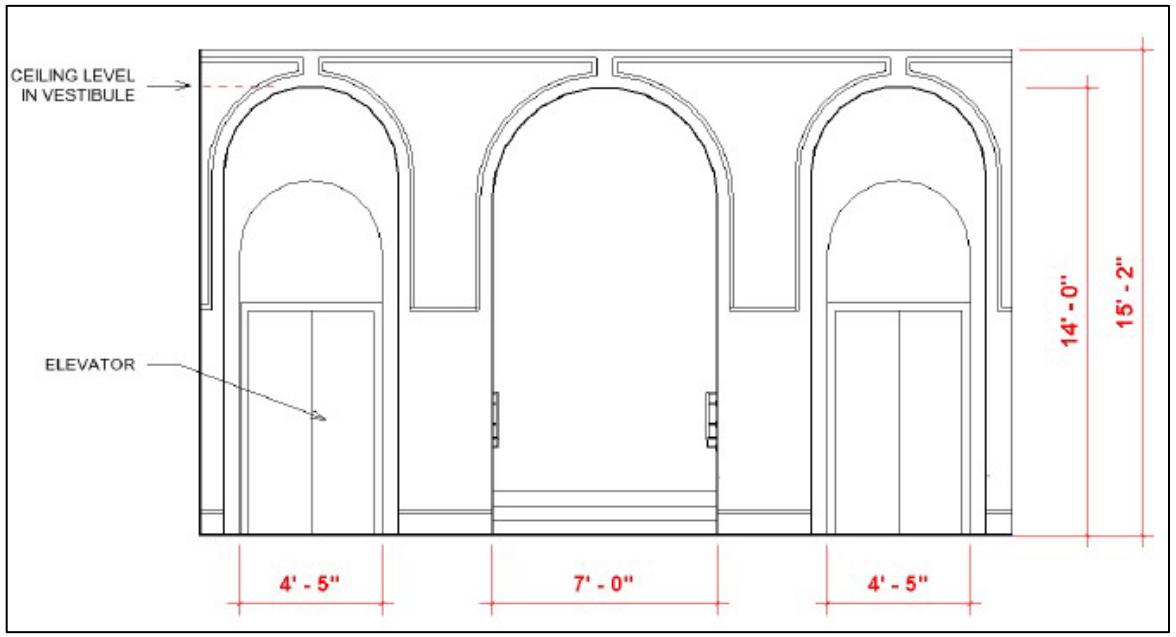


Axonometric view of the Castle's South Tower with the elevator overruns noted with green copper cladding. Section elevation noting the dimensions of the east elevator overrun.

17.C.i. Exterior Alterations:

- Machine room-less technology eliminates overhead mechanical equipment above the elevator shaft to minimize height.
- Elevator overruns will be the minimum length (11'1") and shortest height (3'7" above the parapet) possible.
- Elevator overruns will have a hipped profile, arched detailing, and copper cladding.

STIPULATION 17. ADDITIONAL MINIMIZATION MEASURES FOR PHASE 2
17.C. South Tower Elevators



Proposed north elevation of the Children's Room interior. New arched openings are proposed centered within the historic blind arches for access to the South Tower elevators.

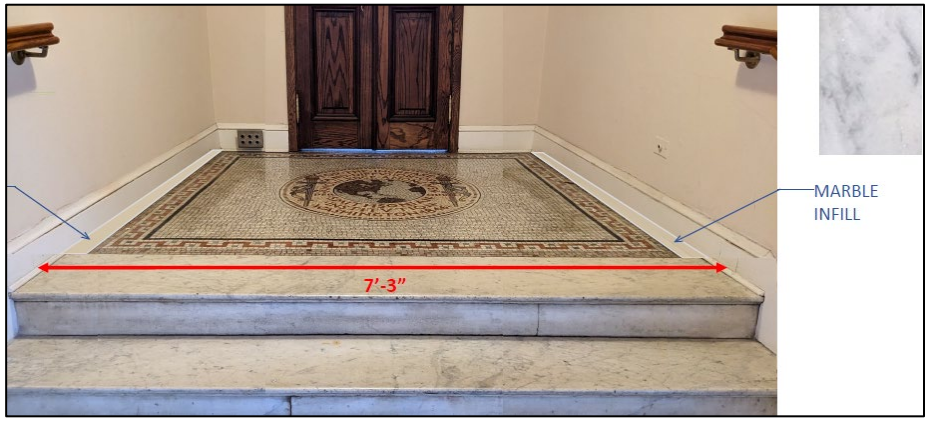
17.C.ii. Children's Room Alterations:

- Two punched arched openings are proposed within blind arches to access the elevator cab vestibules.
- Historic circulation corridor between the Children's Room and the Great Hall will narrow 1'6" to accommodate the shafts.
- Proposed elevators permit the restoration of most of the Children's Room floor plan, currently half occupied by non-historic stairs, accessible lift, and platform.
- Historic Tennessee Pink marble stairs present beneath the lift platform, will be exposed and restored.

STIPULATION 17. ADDITIONAL MINIMIZATION MEASURES FOR PHASE 2
17.C. South Tower Elevators

17.C.iii. Third Floor Interior Alterations:

- Narrowing the historic circulation corridor between the Regents Room at the Upper Great Hall 1’5” impacts two sections of decorative floor mosaics.
- Mosaics will be narrowed through excising the center solid color tesserae and portions of the fretwork border.
- Mosaics will be re-laid with the fretwork border pattern intact aside from the dimensional change.



Proposed modification at the upper section of the third-floor mosaic.

17.C.iv. Elevator Cabs:

- Exterior of the elevator cabs in all historic interiors will be bronze, simply detailed, and utilize minimal frames to avoid calling undue attention.

Rendered view from the Great Hall looking into the Children’s Room. New bronze elevator doors flank the historic center arched opening.

STIPULATION 17. ADDITIONAL MINIMIZATION MEASURES FOR PHASE 2
17.D. Areaways and Window Wells - Finishes

Proposed finishes within the areaways will consist of gray porcelain pavers and tinted stucco on both the Castle underpinning and the new areaway retaining walls. SI will consult with the Signatories on physical mock-ups during construction to select the stucco color and texture as follows:

- i. SI will convene the Signatories for a site meeting to review small samples of a range of gray and red tints. Signatories will select stucco color options to proceed for full-scale mock-ups.
- ii. SI will convene the Signatories for a second site meeting to review full-scale wall section mock-ups of the stucco tint and finish treatment (mock-ups approximately 4′ by 8′). Signatories will select the final stucco color(s) and texture(s).

Proposed southwest areaway with gray tinted stucco applied at the retaining walls and the Castle foundation wall.

Proposed southwest areaway with red tinted stucco applied at the retaining walls and the Castle foundation wall.

STIPULATION 17. ADDITIONAL MINIMIZATION MEASURES FOR PHASE 2
17.E. Seismic Control Joint Cover Plate - Finishes

- Three materials are proposed to fill the seismic control joint cover plate to be contextual to different at-grade settings around the Castle.
- Olympic Black granite will be used where the cover plate is adjacent to the Castle and landscaping.
- Exposed aggregate concrete will be used where the cover plate is within the Jefferson Drive sidewalk.
- Brick pavers will be used where the cover plate crosses the South Entrance walk.
- Narrow aluminum edges of the cover plate will have a clear anodized finish.

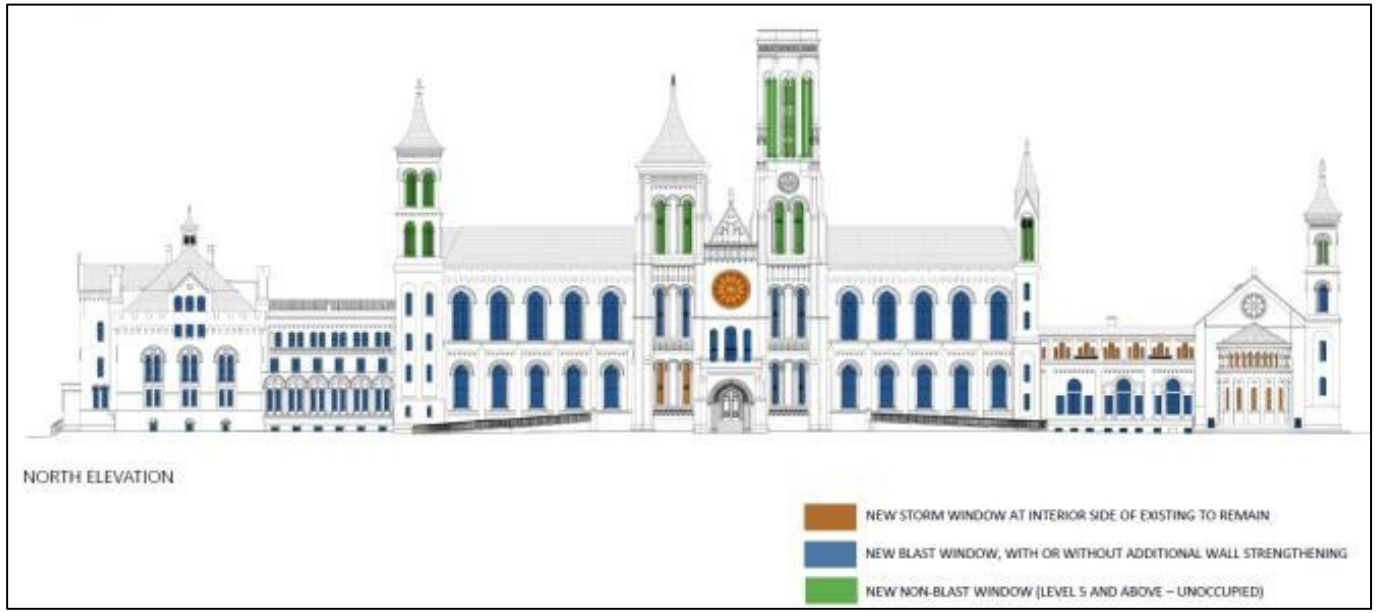
OLYMPIC BLACK (PREFERRED)

Annotated photograph of the Castle porte cochere and Jefferson Drive sidewalk. Red line notes the outboard edge of the seismic control joint cover plate; aggregate concrete will be used in this location. In other areas Olympic Black granite will infill the cover plate.

STIPULATION 17. ADDITIONAL MINIMIZATION MEASURES FOR PHASE 2
17.F. Replacement and Restoration of Windows

17.F.i. Replacement Windows:

- Blast resistant windows will replace all non-historic window sash.
- Blast resistant windows will be steel sash with simulated divided lights.
- Replacement windows will be modeled on the remaining historic windows using a matching brickmold, similar muntin pattern, diamond pane configuration, and red-brown finish.
- Window configurations that feature decorative metal panels and woodwork will be salvaged, restored, and applied to the blast window assembly.



Proposed Castle north elevation with window replacement types noted.

17.F.ii. Restored Windows:

- Historic windows located in the West Wing, West Range, and North Tower will be restored and retained in-place.
- Blast resistant storm windows will be installed on the building interior to maintain the Castle's exterior appearance.

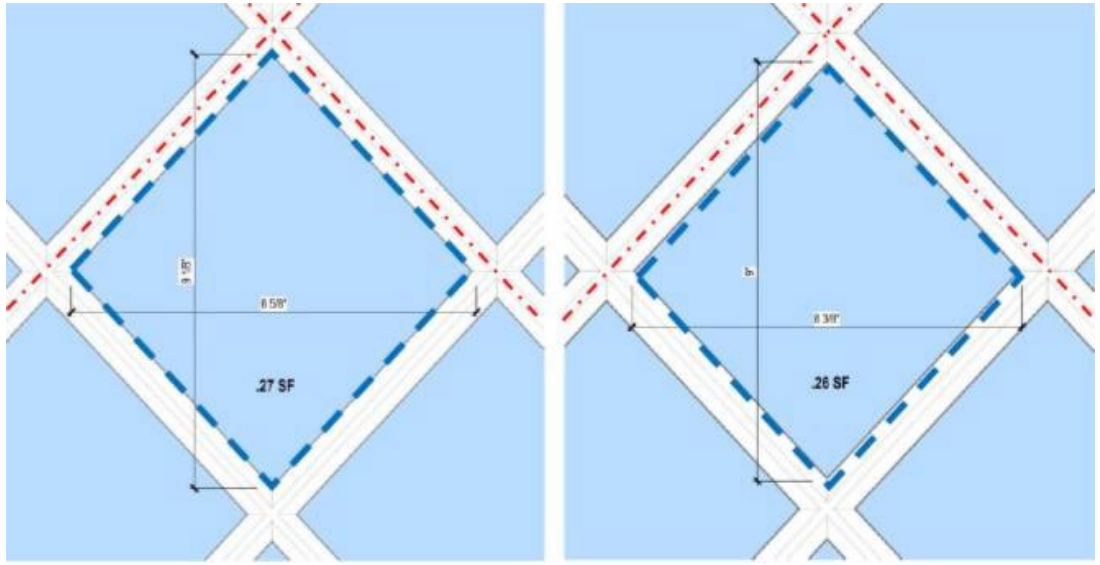
STIPULATION 17. ADDITIONAL MINIMIZATION MEASURES FOR PHASE 2
17.F. Replacement and Restoration of Windows

17.F.iii. Consultation on Window Mock-ups:

- Signatories convene for a site meeting(s) to review full-scale mock-ups of the replacement windows.
- Mock-ups of a blast resistant window sash and a blast resistant storm window.
- Section 106 consultation will be re-opened if the mock-up review(s) reveals an intensification of adverse effects.

17.F.iii.a. Historic Masonry Openings:

- If there is potential for unanticipated damage to the historic stone, SI will notify the Signatories and consult to ensure damage is minimized or to otherwise resolve this intensification of adverse effect.



Free glass comparison of a typical diamond pattern muntin; existing at left, simulated divided light at right.

17.F.iv. Shop Drawings:

- SI will provide the Signatories with the shop drawings for the manufacture of replacement windows and interior storm windows.
- Signatories will have 30 calendar days to review and comment.

STIPULATION 17. ADDITIONAL MINIMIZATION MEASURES FOR PHASE 2

17.G. Basement Level Openings

17.G.i. Egress Doors:

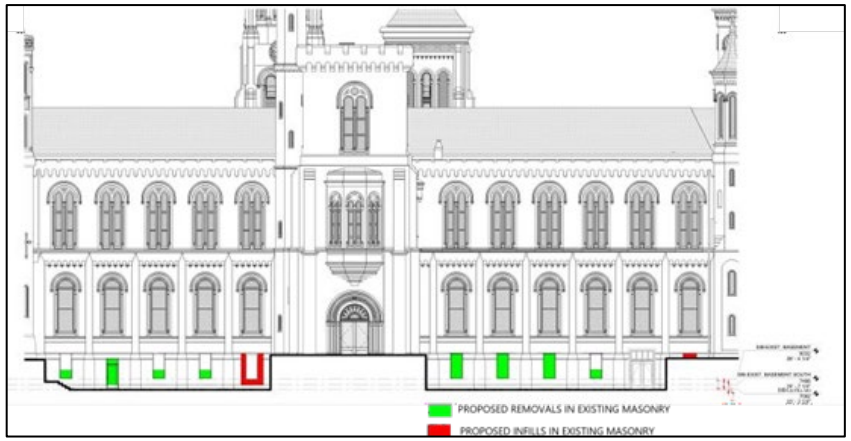
- Historic door opening installed c. 1871 at the southeast portion of the Main Building will be maintained.

17.G.ii. Window Openings:

- Alterations to existing window openings will maintain the width and header location.
- New openings will match the altered window openings, with dimensions of 3’4” in width and 7’ in height.
- Historic sandstone units need to be altered to accommodate the window openings. Sandstone units will be removed, cut and dressed, and reinstalled in their original locations.

17.G.ii.a. Window sash will be fixed, double-hung, steel, simulated divided light blast resistant windows. The upper sash will feature a diamond muntin pattern over a single light lower sash.

17.G.ii.b. Basement level window openings will have applied iron security grilles matching the dimensions and details of existing grilles.



Proposed south elevation noting masonry changes at the basement level for new window openings.

Detail elevation at the southeast basement level with the c. 1871 historic door opening and proposed egress infill.

STIPULATION 17. ADDITIONAL MINIMIZATION MEASURES FOR PHASE 2
17.H. Basement Level Interior Alterations

17.H.i. Basement Level Window Openings:

- New and altered basement level window openings will have an embrasure.

17.H.ii. Lowering of the Basement Floor:

- Lowering of the historic basement floor 3’ feet alters the appearance of the interior space including the historic masonry piers.
- New construction below the brick piers will have a gray parge coat finish.
- If unanticipated historic fabric is discovered during excavation, these features will be considered in accordance with this PA.

17.H.iii. Basement Level Interior Finishes:

- Interior basement finishes will be in keeping with the historic utilitarian character of this space.
- Historic brick will remain exposed, with a white painted finish matching the historic condition.

Rendered view of the Castle basement level.

Questions or Comments

MODERATOR

Carly Bond, Historic Preservation Specialist

PRESENTERS / PANELISTS

Matthew Chalifoux, FAIA, Sr. Historic Preservation Architect, EYP-Loring, LLC

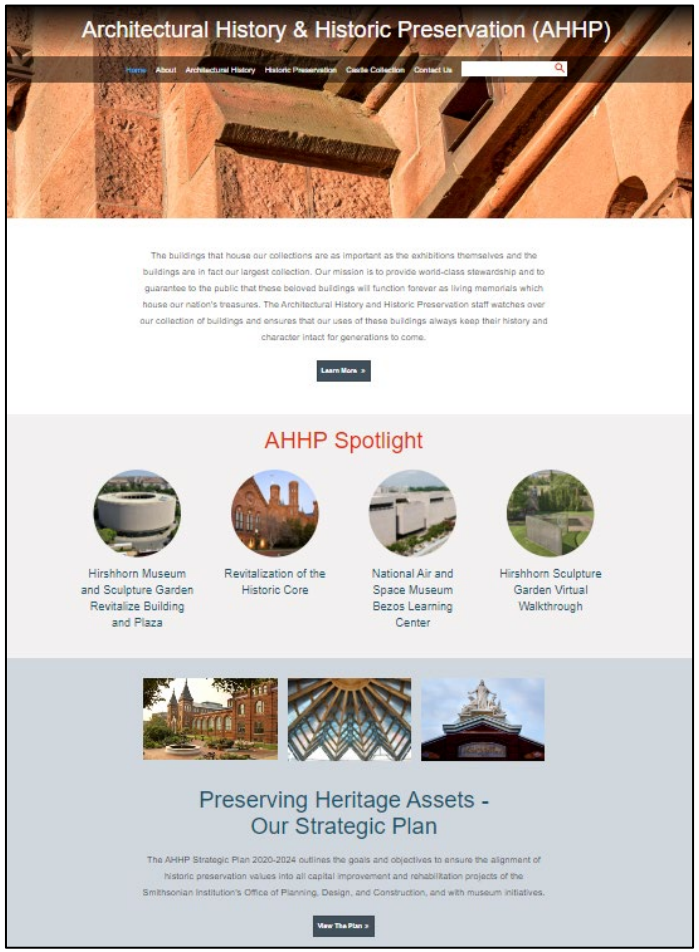
Please visit the project webpage:
https://ahhp.si.edu/historic-core

STIPULATION 18. ADDITIONAL MITIGATION MEASURES
18.A. Educational Outreach

The SI will expand publications on the history of the Castle and topics related to construction to build educational outreach in the following ways:

18.A.i.a-e. Web-based Exhibits:
AHHP will publish online exhibits on the following topics within three years of the completion of construction:

- Base Isolation – Protection of a NHL
- Landscape Planting Plan and South Yard History
- National Historic Landmark Documentation Update for the Castle – Executive Summary
- Art Room Restoration – Periodic Tour Opportunities
- Castle's Architectural Style and James Renwick, Jr.

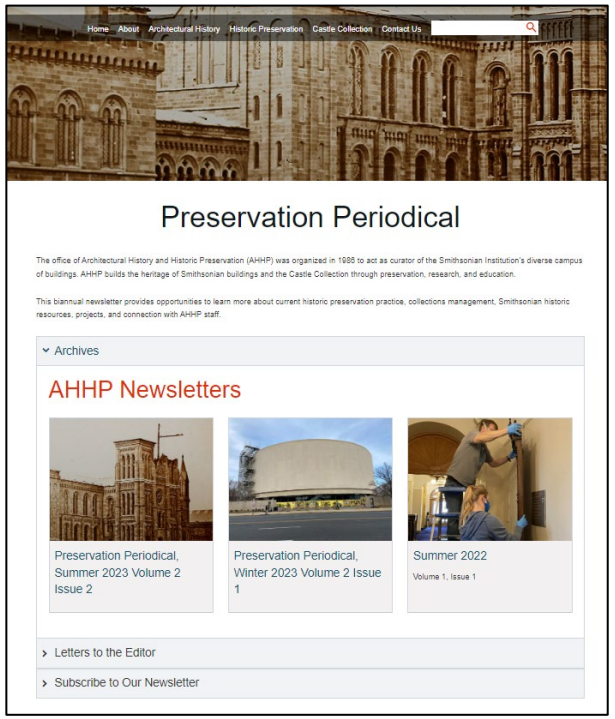


STIPULATION 18. ADDITIONAL MITIGATION MEASURES
18.A. Educational Outreach

The SI will expand publications on the history of the Castle and topics related to construction to build educational outreach in the following ways:

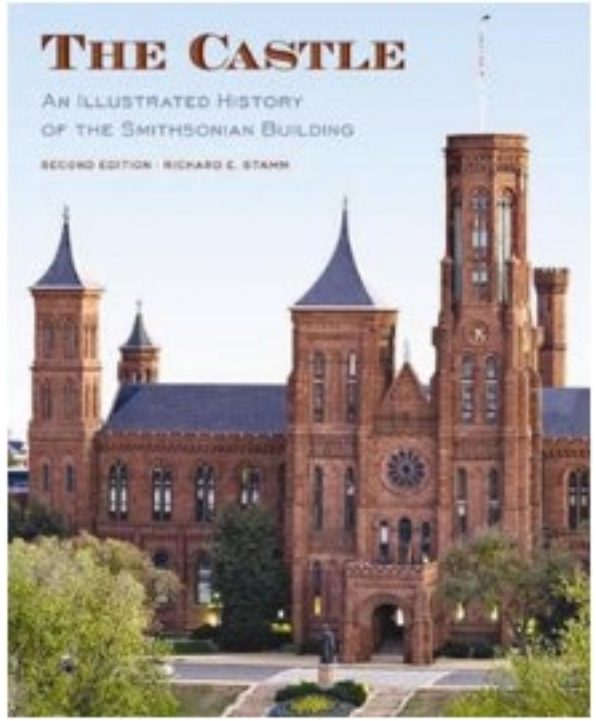
18.A.ii. *Preservation Periodical*:

- Each future biannual issue of the newsletter will incorporate a Castle construction progress update during the duration of the project.



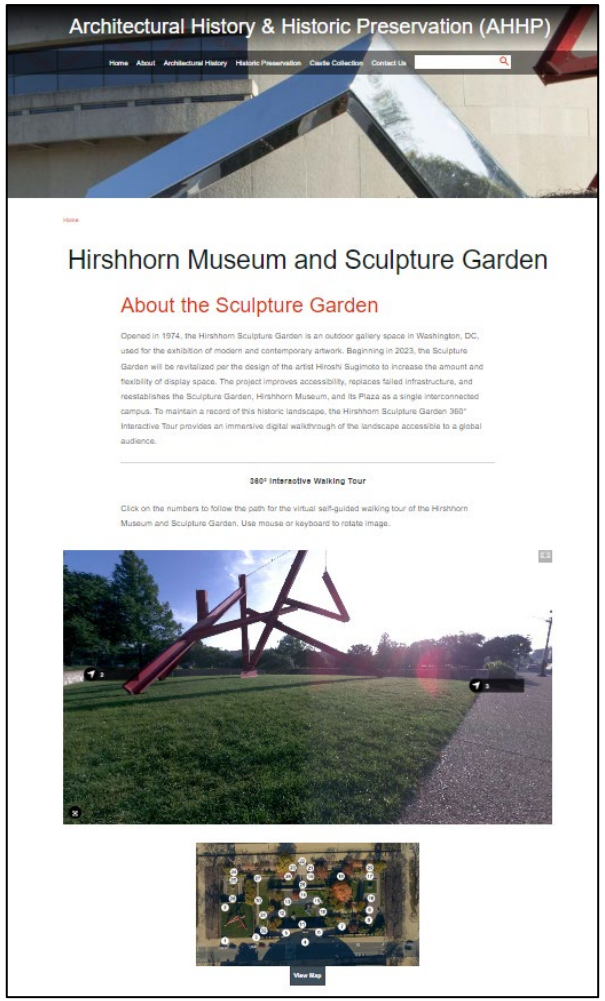
18.A.iii. Addendum Chapter to *The Castle an Illustrated History of the Smithsonian Building:*

- Existing book publication details the architectural and cultural history of the Castle.
- Addendum chapter will detail the project design and completed work, published within four years of the completion of construction.



STIPULATION 18. ADDITIONAL MITIGATION MEASURES
18.B. Video Walkthroughs

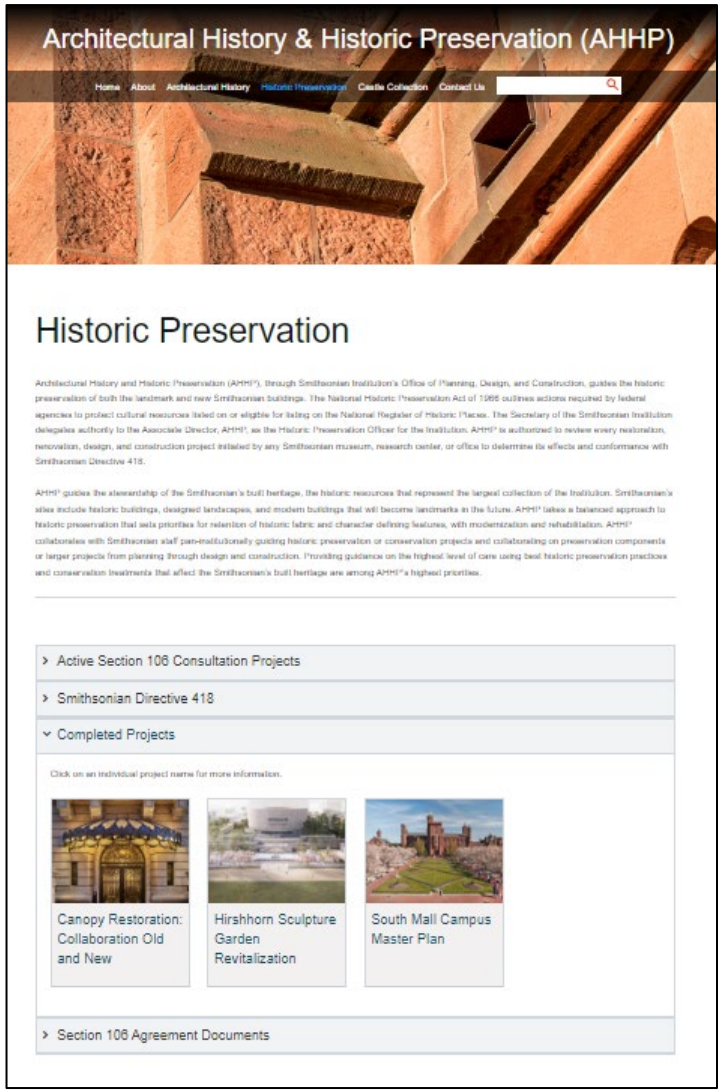
- SI will gather data from a Lidar and high-definition panoramic imaging scanner to create a three-dimensional model of the Castle interior.
- Utilized to create a virtual experience of walking through the Castle's principal interior spaces.
- Data points will be taken from the same locations to experience the pre-construction condition, after demolition, and after construction/restoration work is complete.
- Completed within two years of the completion of construction on the project.
- Posted on the SI's Architectural History and Historic Preservation webpage or otherwise be made available to the public.



https://ahhp.si.edu/hirshhorn-museum-and-sculpture-garden

STIPULATION 18. ADDITIONAL MITIGATION MEASURES
18.C. Section 106 Project Archive

- Section 106 public webpage will be archived to create a complete record of consultation on the project.
- Archived by the Smithsonian Institution Archives and will become part of the *Smithsonian Institution Websites* collection.
- Archived Section 106 project webpage will be accessible through the Architectural History and Historic Preservation webpage or otherwise be made available to the public.



STIPULATION 18. ADDITIONAL MITIGATION MEASURES
18.D. Castle Foundation

Following measures mitigate significant adverse effects associated with creating areaways around the Castle's base, the expansion and installation of new basement openings, and the introduction of new finish treatment applied to the Castle's rubble stone foundation walls:

18.D.i. Rubble Stone Exhibit:

- SI will convene the Signatories for a site meeting(s) to evaluate conditions and a location for a rubble stone exhibit after demolition is complete.
- Exhibit is intended to leave a portion of the rubble stone exposed in a publicly accessible or visible areaway.
- One interpretive educational signage panel.
- Rubble stone can only be left exposed if conditions permit, which will be evaluated with the Signatories.

18.D.ii. Rubble Stone Conservation Treatment Plan:

- SI will develop a conservation treatment plan to identify materials and methods for reversibility of applied finishes to the rubble stone.
- Signatories will have a 30 calendar day review and comment period.

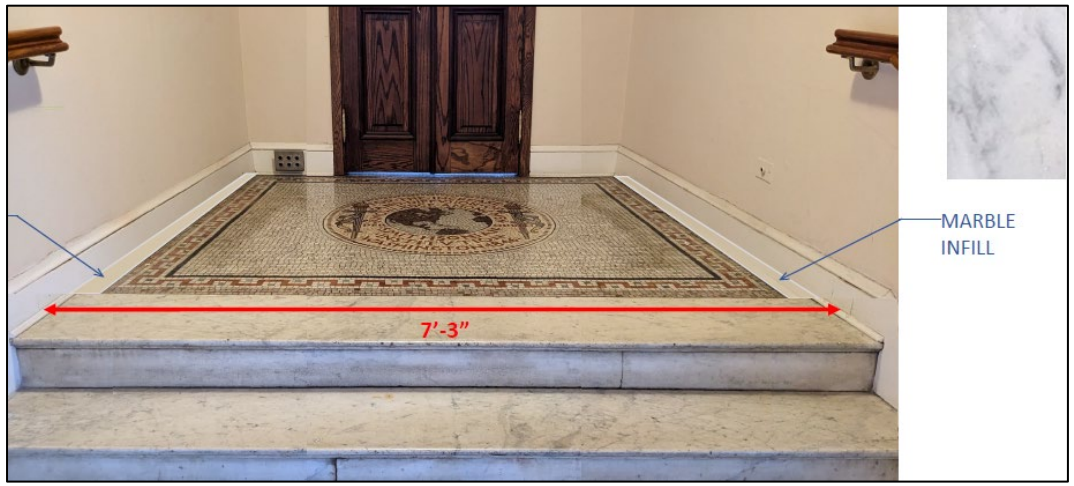
STIPULATION 18. ADDITIONAL MITIGATION MEASURES
18.E. Downing Urn

- Urn has been temporarily disassembled and is in SI secure storage to protect the object during construction activities and will be returned to its pre-existing location.
- Conservation treatments to the Urn will be completed, including addressing marble deterioration and reversal of improper previous repair attempts.

STIPULATION 18. ADDITIONAL MITIGATION MEASURES

18.F. Mosaics Documentation and Salvage:

- Decorative floor mosaics will be fully documented using tracing and photography.
- Unused tesserae will be salvaged, crated, and retained for future repairs.



18.G. Interior Exhibits:

i. Room Identification Placards:

- Wall-mounted room identification placards will be installed in the Castle's interior.
- Placards will provide historic information on the room's original use(s) or other facts.
- Placards sized and mounted specific to each interior to avoid damage to restored or replicated historic finishes.

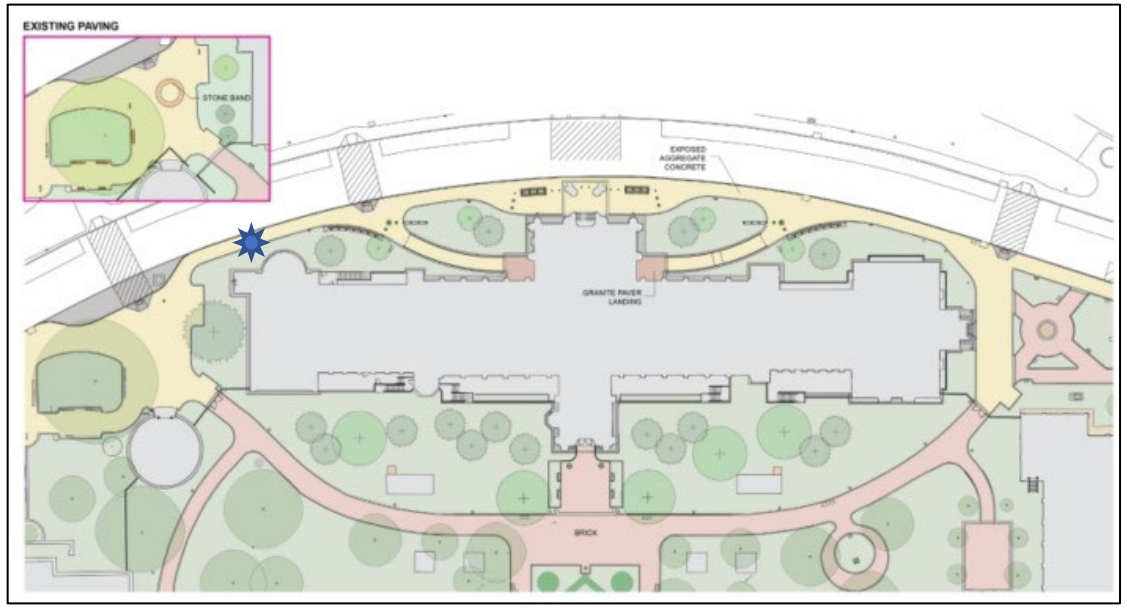
ii. Interpretive Exhibit:

- SI will designate one area within a public space of the Castle interior for a permanent physical exhibit on the Castle's history.

STIPULATION 18. ADDITIONAL MITIGATION MEASURES

18.H. Seismic Control Joint Interpretive Signage Location:

- One (1) interpretive signage panel will be installed adjacent to the apse of the Castle's West Wing in the landscape near the Jefferson Drive sidewalk.



Seismic Control Joint Interpretive Signage Location.

18.I. Collaboration with Smithsonian Center for Folklife and Cultural Heritage:

- The Center's project on the Building Arts and Traditional Architecture is focused on cultural sustainability and commitment to the building arts to sustain traditional building crafts and support new applications of traditional architecture around the world.
- The SI's Office of Planning, Design, and Construction will seek to collaborate with the Center as opportunities present themselves to feature the Castle project and its artisans.

ADDITIONAL MITIGATION MEASURES

Stipulation 19. Continuing Involvement of Consulting Parties

- All decisions made by the Signatories pursuant to the Amendment will be provided for Consulting Parties review and comment.
- SI will post documentation on each decision to the Architectural History and Historic Preservation webpage, with an email notification to Consulting Parties.
- Consulting Parties will have 30 calendar days to review the decision and provide comments.
- Signatories will consult to resolve any comments raised by Consulting Parties in accordance with Stipulation 12 (Dispute Resolution). Section 106 consultation may be re-opened if any decision results in the intensification of adverse effects.

Stipulation 20. Electronic Copies

- Within one week of the last signature on this Amendment, the SI will provide the Signatories with one legible, color, electronic copy of the fully executed Amendment and all attachments fully integrated into one, single document.

PA AMENDMENT EXHIBITS

Exhibits A through G are contained in the PA

Exhibit H – Final Assessment of Effects Report Summary
Exhibit I – Phase 2 Design Details for Avoidance, Minimization, and Mitigation Measures (Referenced in the Amendment Stipulations text)
Exhibit J – Assessment of Effects on Historic Resources

Exhibit H – Final Assessment of Effects Report Summary

Phase 1 Action	Final Effect Determination
Introduction of New Areaways and Window Wells (Locations and Dimensions)	Adverse Effect
Installation of Seismic Control Joints Around the Castle Perimeter (Location and Width)	Adverse Effect
Extent of Excavation Adjacent to Castle – SIB Extension (B1 Level), B2 Level Cistern	Adverse Effect
Excavation Beneath the Castle – Base Isolation, Lowering of the Basement Level, Future Quadrangle Building B2 Connection, and Mechanical Distribution Level	Adverse Effect
Creation of Alternate Pedestrian Routes for Circulation Around the Castle	Adverse Effect
Cumulative Effects of Phase 1 Activities	Adverse Effect
Phase 2 Action	**Final Effect Determination**
Landscape and Planting Plan	No Adverse Effect
Perimeter Security	Adverse Effect
Signage	No Adverse Effect
Lighting	No Adverse Effect
Building Lighting	No Adverse Effect
South Tower Elevators – Exterior Alterations	Adverse Effect
South Tower Elevators – Interior Effects	Adverse Effect
Areaways and Window Wells – Finishes	Adverse Effect
Seismic Control Joint Cover Plate – Finishes	Adverse Effect
Emergency Generators	No Adverse Effect
In-Kind Replacement of Roof Materials	No Adverse Effect
Installation of Lighting Protection	No Adverse Effect
Installation of Rooftop Fall Protection	Adverse Effect
Installation of Roof Access	No Adverse Effect
Roof Modifications – Energy Improvements, Including Increases in Roof Thickness	No Adverse Effect
Modifications to Rooftop Mechanical Penthouses	Adverse Effect
Installation of East Wing 4th Floor Egress	Adverse Effect
Replacement and Restoration of Windows	Adverse Effect
Replacement and Restoration of Windows – Interior Effects	No 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

14

Exhibit I – Phase 2 Design Details for Avoidance, Minimization, and Mitigation Measures


Stipulation 16.A. Use of In-Kind Replacement Materials, Exterior Masonry Repairs to Historic Fabric. St. Bees sandstone sample held against the Castle sandstone at left. Salvaged Seneca sandstone in SI storage at right.


Stipulation 16.A. Roof Materials. Existing Castle slate shingles at left. Proposed Grayson slate shingles at right.

Stipulation 16.B. South Entrance Accessible Walkway.

15

UPCOMING SECTION 106 CONSULTATION MEETINGS

* Subject to Change

Milestone	Date	Meeting Content *
Consulting Parties Meeting #18	January 17, 2024	• Review draft Amendment to the PA
None!		

Next Steps:

- Written comments on the draft Amendment to the PA welcome through **January 24, 2024**.
- Please email written comments to BondC@si.edu. Kindly reference the page and line number for suggestions to specific text edits.
- After close of the comment period, the Amendment will be finalized and executed, which concludes Section 106 on the RoHC Revitalize Castle project.

- Phase 2 Final Submission – Approved by the Commission of Fine Arts in November 2023.
- Executed PA Amendment will be distributed to the Consulting Parties.
- Phase 2 Final Submission – National Capital Planning Commission, March or April 2024.

RoHC REVITALIZE CASTLE

Your dedication and participation shaped this project!

- 18 Consulting Parties Meetings
- Public consultation from January 2021 to January 2024. Three years!
- Castle, AIB and the Central Utility Plan to the Castle only.
- Two phases of consultation
- 4 versions of the Assessment of Effects on Historic Resources
- 13 alternatives for the North Hyphen mechanical penthouses
- 2 alternatives for the South Tower elevators mechanical relief
- 2 alternatives for the South Tower elevator overruns
- 3 alternatives for the emergency generators
- 6 alternatives for alternate sandstones
- 4 alternatives for the South Entrance accessible walkway
- 3 alternatives for the South Entrance walkway curb and railing
- 2 alternatives for South Tower elevator access at the Children's Room interior
- 2 alternatives for the interior elevator cab appearance
- 2 alternatives for narrowing the third floor mosaics
- 4 alternatives for replacement roof slate

RoHC REVITALIZE CASTLE – THANK YOU!

- 6 alternatives for seismic control joint cover stones
- 2 alternatives for seismic control joint cover edge treatment
- 3 alternatives for the East Wing rooftop emergency egress
- 3 alternatives for the layouts of the SW and SE areaways
- 2 alternatives for perimeter security locations on Jefferson Drive
- 5 alternatives for the bollard sleeve cover
- 9 alternatives for the perimeter security granite
- 3 alternatives for the hardened wall bench design
- 3 alternatives for double-sided metal benches adjacent to the porte cochere
- 6 alternatives for the areaway cladding materials
- 5 alternatives for the sizes and placement of the basement level window openings
- 5 alternatives for the basement level window opening sash configuration
- 3 alternatives for the blast resistant window sash
- 5 alternatives for cladding material on the basement level interior pier extension

SI looks forward to welcoming everyone to a revitalized Castle later this decade!

Questions or Comments

MODERATOR

Carly Bond, Historic Preservation Specialist

PRESENTERS / PANELISTS

Matthew Chalifoux, FAIA, Sr. Historic Preservation Architect, EYP-Loring, LLC

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