



CAMBRIDGE HISTORICAL COMMISSION

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CAMBRIDGE HISTORICAL COMMISSION

APPLICATION FOR CERTIFICATE

1. The undersigned hereby applies to the Cambridge Historical Commission for a Certificate of (check one box): Appropriateness, Nonapplicability, or Hardship, in accordance with Chapter 40C of the Massachusetts General Laws and/or Chapter 2.78 of the Municipal Code.

2. Address of property: , Cambridge, Massachusetts

3. Describe the proposed alteration(s), construction or demolition in the space provided below:
(An additional page can be attached, if necessary).

See attached description and plans.

I certify that the information contained herein is true and accurate to the best of my knowledge and belief. The undersigned also attests that he/she has read the statements printed on the reverse.

Name of Property Owner of Record:	<input type="text" value="President and Fellows of Harvard College, c/o Mark Verkennis, Harvard Planning Office"/>		
Mailing Address:	<input type="text" value="1350 Massachusetts Avenue, Suite 573 Cambridge, MA 02138"/>		
Telephone/Fax:	<input type="text" value="(617) 496-1879 / (617) 495-0559"/>	E-mail:	<input type="text" value="mark_verkennis@harvard.edu"/>
Signature of Property Owner of Record:	<input type="text" value="Mark Verkennis"/>		
<small>(Required field; application will not be considered complete without property owner's signature)</small>			
Name of proponent, if not record owner:	<input type="text"/>		
Mailing Address:	<input type="text"/>		
Telephone/Fax:	<input type="text"/>	E-mail:	<input type="text"/>

<small>(for office use only):</small>			
Date Application Received:	<input type="text" value="12/12/17"/>	Case Number:	<input type="text" value="3871"/>
Hearing Date:	<input type="text" value="1/4/2018"/>		
Type of Certificate Issued:	<input type="text"/>	Date Issued:	<input type="text"/>

Schlesinger Library –Exterior Renovation

Building and Project Overview

The Arthur and Elizabeth Schlesinger Library on the History of Women in America houses one of the finest collections documenting the lives of women in the United States. The Schlesinger Library (originally Radcliffe College Library) was constructed in 1908, and is one of several late 19th and early 20th c. buildings that establish the iconic character of Radcliffe Yard.

The Radcliffe Institute for Advanced Study is planning a project at the Schlesinger Library designed to position it as a continued leader in special collections libraries. The project's planned interior renovations will re-imagine existing library spaces to foster interactive access to library collections, including an enlarged exhibit/lobby space and a technology-enhanced seminar room.

The project also includes a comprehensive restoration of the library exterior that will include needed repairs to the building envelope, and window restoration and replacement where necessary. The project is expected to begin construction late in 2018, with anticipated completion in the fall of 2019.

Proposed Exterior Scope of Work

The planned renovation and restoration project at the Schlesinger Library will include the following areas of exterior work:

Masonry

Note: all masonry repair specifications to be confirmed in consultation with CHC staff.

- Re-point 100% of existing brick mortar joints, new mortar to match existing color and texture.
- Re-point 100% existing mortar joints at marble and granite masonry, with new mortar, using a non-shrink restoration mortar.
- Re-point 100% of existing brick mortar joints at retaining wall at rear areaway, new mortar to match existing color and texture.
- Patch existing mortar wash at brick sills (first floor windows) and coat with liquid-applied epoxy coating at all window openings.
- Repair cracks in granite foundation wall stones (approximately 100 LF of repairs). The cracks will be routed to a 1:1 depth, V-shaped, and filled with a stone restoration injection grout that is compatible with granite in composition and appearance.
- Remove existing cracked or broken brick (approximately 150 bricks) and replace with new brick to match existing.
- Apply masonry consolidant to all existing marble surfaces.
- Apply breathable masonry penetrating water repellent to all brick and stone surfaces; this application is clear and non-staining, and will not change the appearance.

Windows

- For window types A, B, C, E, F, G, H, K, L, M (refer to plans), window sash to be repaired and restored off-site and include the following scope of work: remove and replace brick mold (matching existing profile); repair, strip and repaint existing wood frame and trim; remove existing sash offsite; strip, restore, and reset with silicone sealant in frame.
- For window type D (arched dormer windows) remove existing aluminum clad windows and replace with new insulated aluminum fixed windows of same configuration.

- For window type O (large semicircular windows at gable ends): strip and repaint existing windows.
- Remove existing steel lintels below monumental windows and above casement windows and replace with new paintable hot-dipped galvanized steel lintels, zinc-coated copper through-wall flashing, self-adhered membrane flashing, color-coated aluminum window sill panning and related sealants.

Roof

- Remove and dispose of existing individual broken slate shingles and replace with new slate shingles to match existing (approximately 125 shingles).
- Re-solder open or damaged existing lead-coated copper dormer roofing.
- Install continuous brass three-rail style snow guards on both facades of the building.
- Shift location of existing mechanical doghouse (elevator overrun) at west roof.

Gutters and Downspouts

- Re-solder open or damaged existing lead-coated copper gutters and red copper downspouts.

Wood Trim

- Remove any existing rotted exterior wood trim, mouldings and dentils and replace with new wood Dutchman repair to match existing if repair. Any wood that is cracked, split or checked shall be treated with wood consolidant and filled with epoxy wood putty compound.
- Strip, repair, seal, prime and paint all existing wood trim and wood paneling.
- Re-paint to match existing trim color at Knafel (Benjamin Moore HC 81 – Manchester Tan).

Areaway

- Install new covered material lift at southern end of existing areaway as detailed in attached plans. Covered lift to be clad in brick to match existing area way and low wall.
- Existing blocked window at area way to remain blocked [between gridline 2&3] behind new material lift shaft; new painted solid surface material to be applied for longevity of waterproofing at other blocked openings [between gridline 7&8, 3&5]
- Existing Exit Door at existing interior stair to be sealed shut. Exit door between gridlines 6&7 to remain.
- Existing exhaust pipes to be replaced or extended as needed. Existing plexi-glass infill will be replaced with new lexan.

Entrance Door (at Radcliffe Yard)

- Modify existing entry door to provide greater transparency from the Yard. Existing door (replicas of original doors) to be replaced with full glass door and transom.

The transparency of the new glass entry door will afford greater opportunity for public engagement with the Schlesinger Library collections and programming. The proposed design is consistent with other contemporary conditions located in Radcliffe Yard and elsewhere on Harvard's Cambridge campus.