



CAMBRIDGE HISTORICAL COMMISSION

831 Massachusetts Avenue, 2nd Fl., Cambridge, Massachusetts 02139
Telephone: 617 349 4683 TTY: 617 349 6112
E-mail: histcomm@cambridgema.gov URL: www.cambridgema.gov/fhistoric

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: 8 Story Street, Cambridge, Massachusetts

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

Harvard University proposes to replace the windows and storefront, and repair concrete at 8 Story Street. The building is a five-story, 61,666 GSF structure and was constructed in 1966 and 1969 by The Architects Collaborative for its own offices. The 8 Story Street building is a notable work by a prominent Modern architecture firm.

The project will focus on the preservation of the building, replacing the original windows that are now 50+ years old and maintaining the architectural features of the building. There are limited concrete facade repairs and several doors to replace. (See attached materials.)

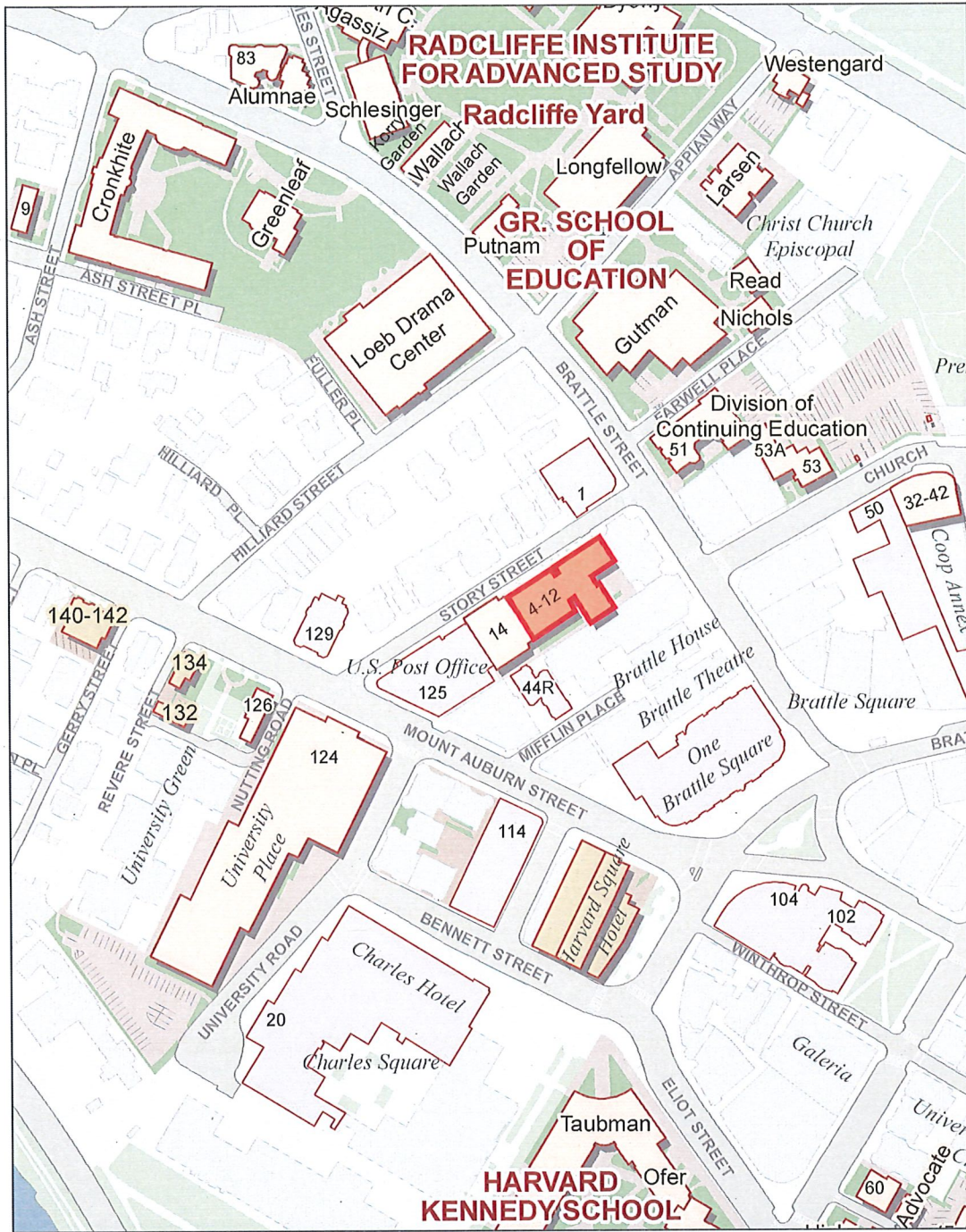
I certify that the information contained herein is true and accurate to the best of my knowledge and belief. The undersigned also attests that he/she has read the statements printed on the reverse.

| | |
|---|------------------------------------|
| Name of Property Owner of Record: President and Fellows of Harvard College c/o Kathleen McCarthy, HRE | |
| Mailing Address: 1350 Massachusetts Avenue Suite 980 Cambridge MA 02138 | |
| Telephone/Fax: 617-496-8357/617-496-8793 | E-mail: kathy_mccarthy@harvard.edu |
| Signature of Property Owner of Record: <i>K. McCarthy</i> agent for owner (Required field; application will not be considered complete without property owner's signature) | |
| Name of proponent, if not record owner: | |
| Mailing Address: | |
| Telephone/Fax: | E-mail: |

| | | | |
|-----------------------------|--------------|------|----------------------|
| (for office use only): | | | |
| Date Application Received: | Case Number: | 4546 | Hearing Date: 5/6/21 |
| Type of Certificate Issued: | Date Issued: | | |

Harvard University - 8 Story Street

Project Site + Vicinity Map



8 Story St - Google Earth



8 Story St, Cambridge MA
Window and Storefront Replacement
March 2021

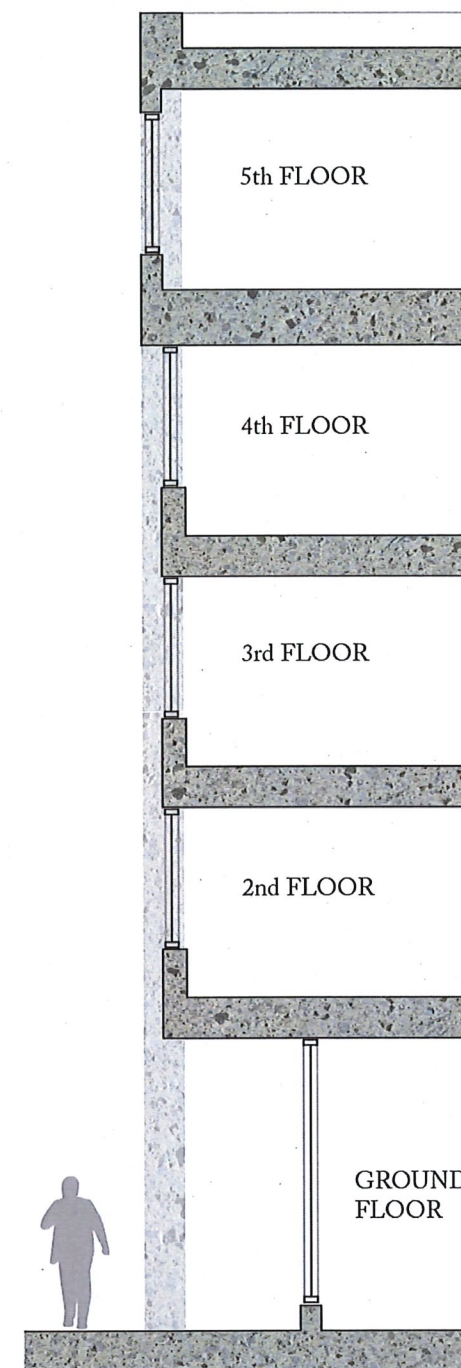
LeMessurier.

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Story St (North) Elevation (3D scanned BIM model)



Conceptual section - Fall 2020 "Findings Report" render excerpt

Organizing Principles

- Concrete structure (slabs and columns) prominent and organize building elements
- Repeating window modules and details
- Alignment of window mullions / muntins and concrete formwork
- Slim profile steel construction for windows and storefront
- Consistent organization of building elements between east and west
- Section reveals stepping back of exterior wall face



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8 Story St (North) Photo from aerial lift

8 Story St, Cambridge MA

Building Facts

Date of Construction: 1970

Designer: **The Architect's Collaborative**
Notable Members:

- *Walter Gropius*
- *Benjamin Thompson*
- *John C. Hartness*
- *Sarah P. Harkness*
- *Norman C. Fletcher*
- *Jean B. Fletcher*
- *Robert S. McMillan*
- *Louis A. McMillan*

Style: "New Brutalism"



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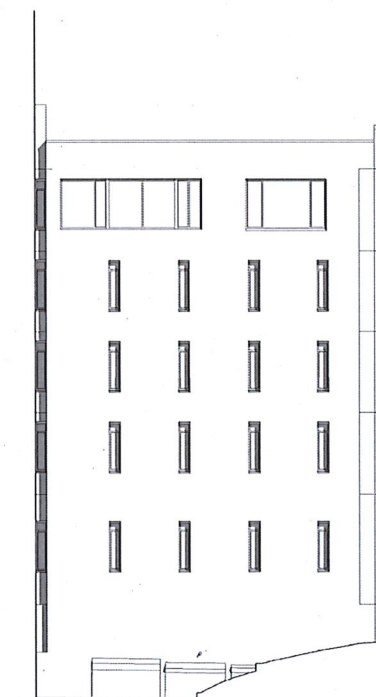
Story St (North) Elevation (working BIM model)



Pedestrian Walk (South) Elevation (working BIM model)



(Southeast) Elevation (working BIM model)



(Southwest) Elevation (working BIM model)

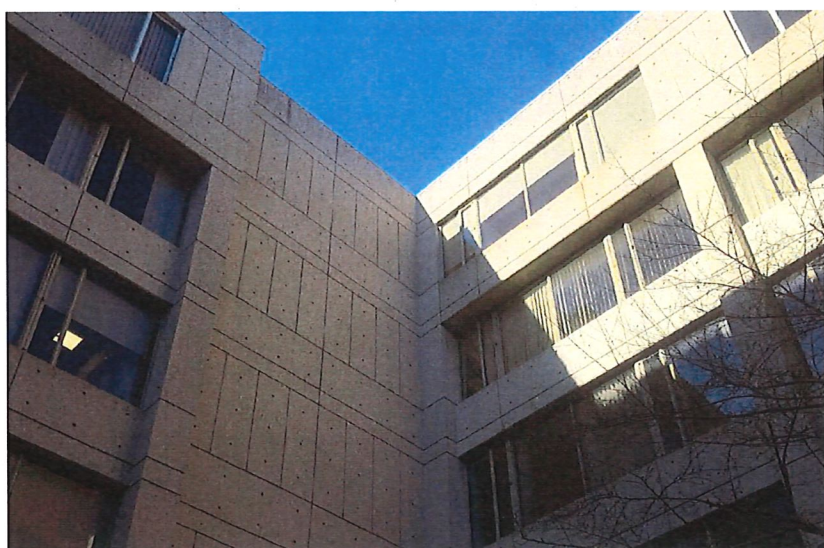


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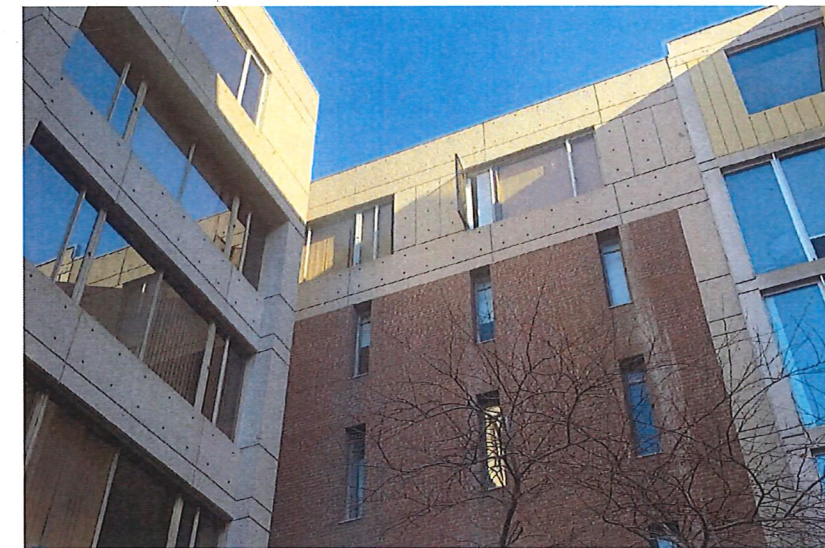
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South / southeast facades



South facade



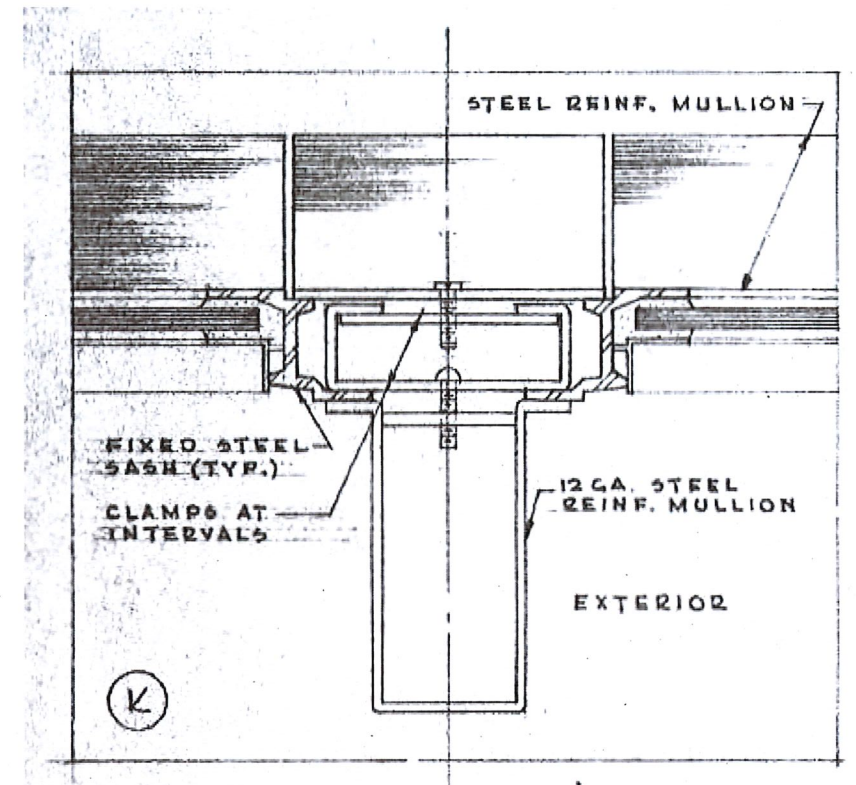
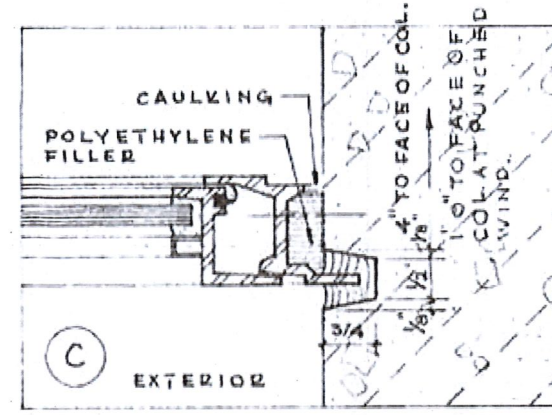
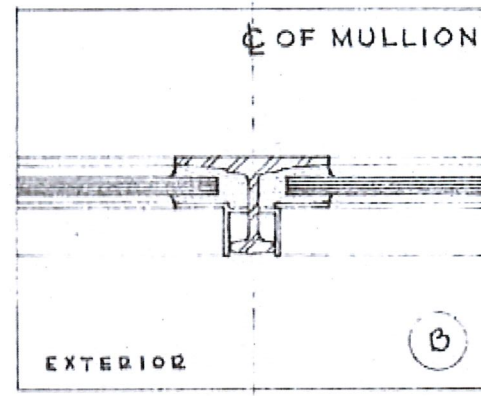
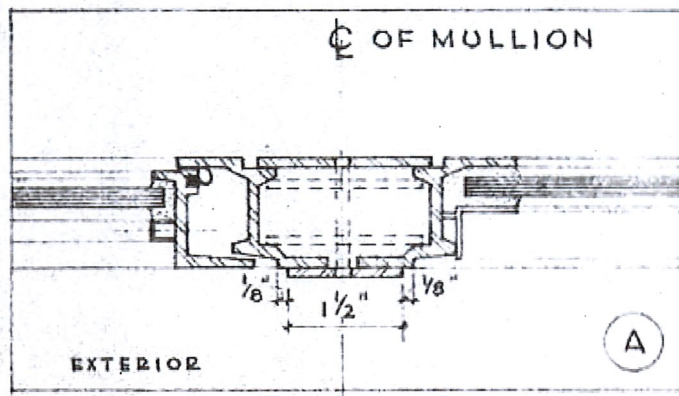
South / southwest facades



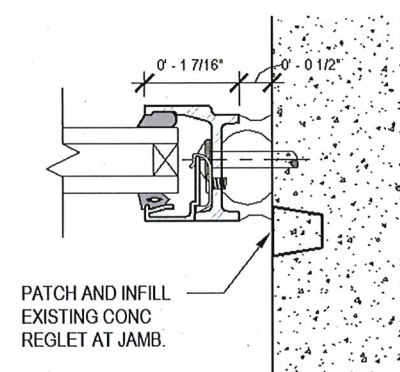
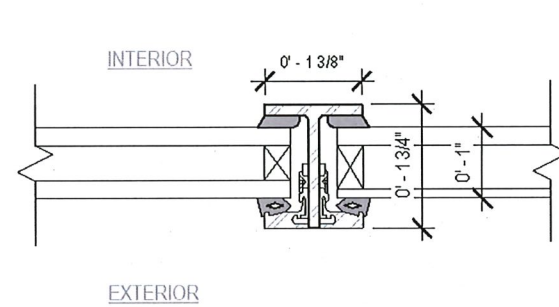
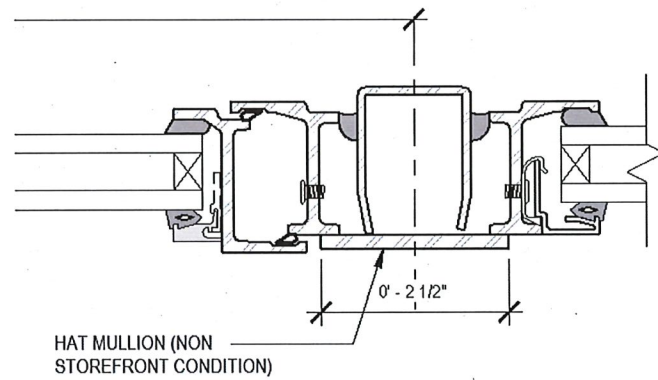
Window unit - 5th floor, North facade



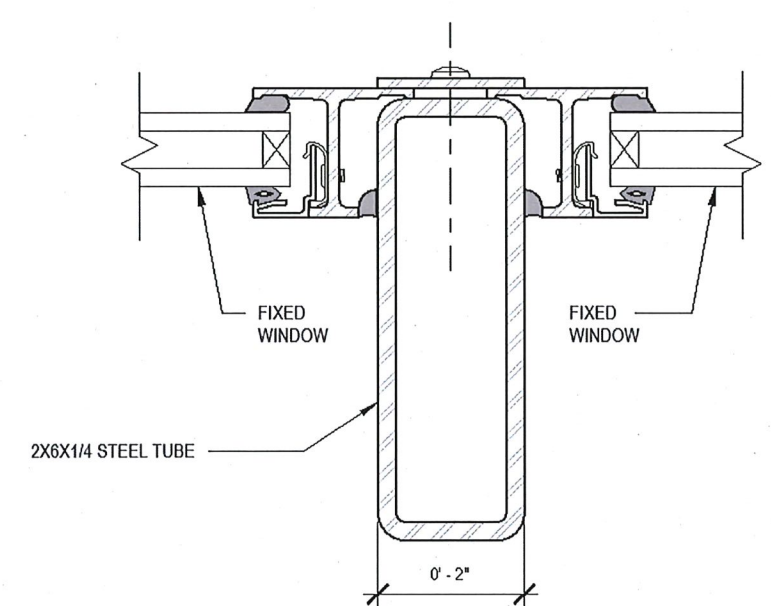
North facade - entry with overhang



Original / Installed details



Working basis of design details



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Missing fastener and rusted hole at sash connection

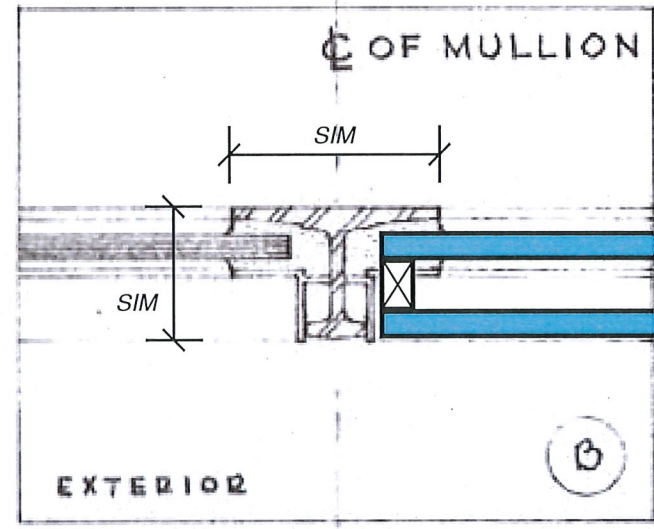


Warping and rusting of frame and sash at base of fixed window

Design Principles

- Retain the existing geometric principles of the assemblies
- Retain the assembly profiles, depths and materials to maximum extent possible
- Remove features of original details that failed over time
 - *Most notably the sash and associated fasteners*
 - *Area is to be taken by new double-paned glazing assembly*
- Provide low-e glazing on South sides to provide more occupant comfort
- Retain operable casement sections, but install contemporary safety requirements
- Provide finish treatment that matches original design intent

Original



Design Intent