Schlesinger Library Cambridge Historical Commission Review

01 Exterior Renovation Scope

Annotated North, South, East and West Elevations with Scope of Work

Existing and Proposed Roof Plan - Elevator Overrun Adjustments

02 Material Lift

Existing and Proposed Site Plan

Enlarged Plans, Sections and Details of Material Lift

03 Radcliffe Yard Entry Door

Existing and Proposed Elevations

Enlarged Plan and Section Detail

Harvard University Precedents

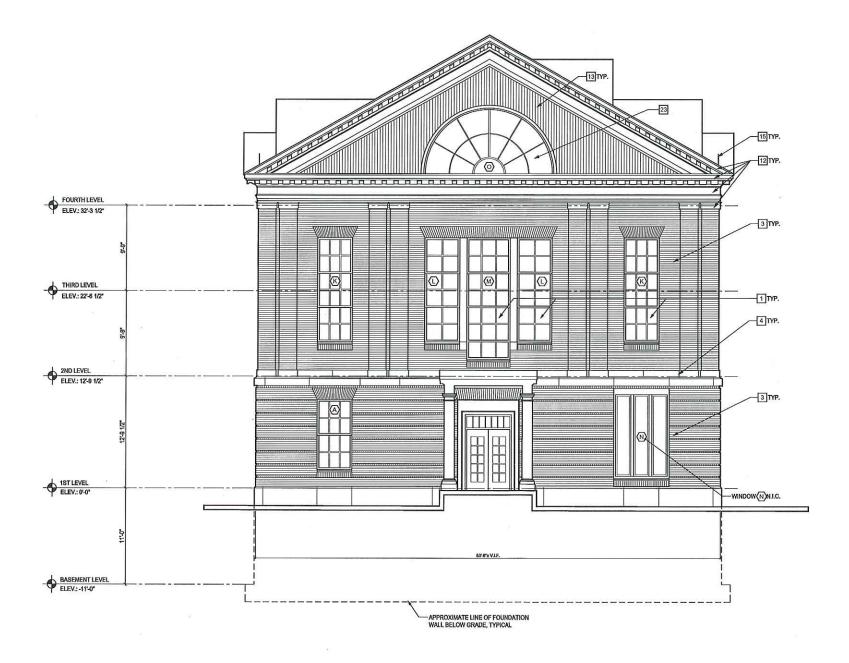
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CAMBRIDGE HISTORICAL COMMISSION

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North Elevation



Scale 3/32'' = 1'-0''

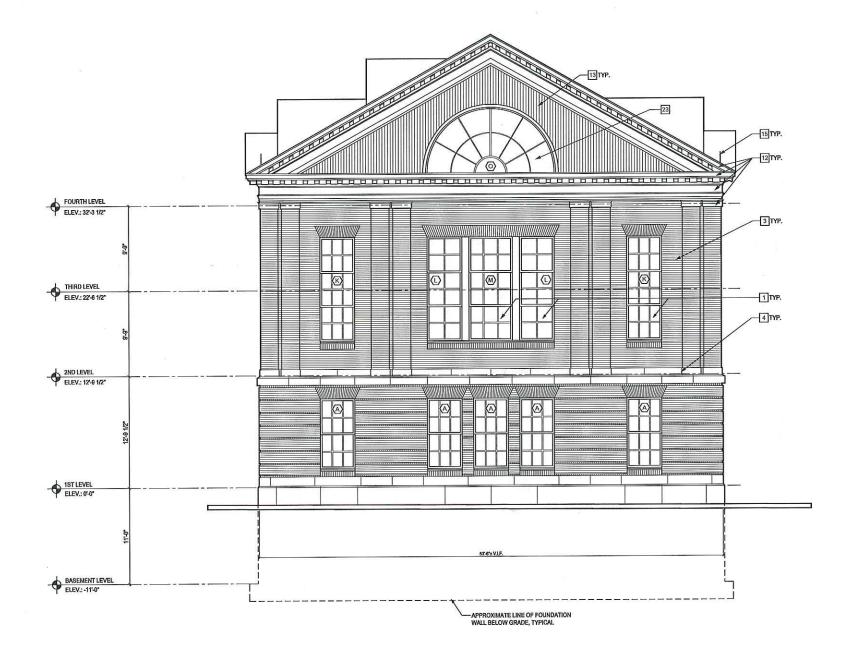
- 1. AT WINDOW TYPES A, B, C, E, F, G, H, K, L, & M:
- RESTORE WINDOWS, TYPICAL:
 A. REMOVE AND DISPOSE ALL EXISTING WOOD BRICK

- A REMOVE AND DISPOSE ALL EXISTING WOOD BRICK MOLD TRIM.

 B. REMOVE ALL EXISTING WOOD WINDOW SASH. REPAIR AND RESTORE SASH IN-SHOP.
 C. STRIP AND REMOVE ALL EXISTING PAINT FROM EMTIRE WINDOW.
 D. APPLY WOOD EPOXY CONSOLIDANT AND PATCH WITH WOOD EPOXY PUTTY. WHERE WOOD IS COMPLETELY DETERIORATED REPLACE SECTION WITH DUTCHMAN PERAIR OF EMTIRE WOOD COMPANIENT TO MATCH. REPAIR OR ENTIRE WOOD COMPONENT TO MATCH EXISTING SIZE, SHAPE, AND PROFILE.

 E. PRIME AND PAINT ALL RESTORED WOOD WINDOWS.
- 2. AT WINDOW TYPE D: REMOVE AND DISPOSE OF EXISTING ALUMINUM-CLAD WINDOWS AND REPLACE WITH NEW INSULATED ALUMINUM FIXED WINDOWS TO MATCH EXISTING, TYPICAL.
- 3. CUT OUT 100% OF EXISTING BRICK MORTAR JOINTS AND POINT WITH NEW MORTAR TO MATCH EXISTING COLOR AND TEXTURE, TYPICAL.
- CUT OUT 100% OF EXISTING JOINTS AT MARBLE MASONRY AND REPLACE WITH NEW MORTAR, TYPICAL.
- CUT OUT 100% OF EXISTING JOINTS AT GRANITE MASONRY AND REPLACE WITH NEW MORTAR, TYPICAL.
- 6. REPAIR CRACKS IN GRANITE FOUNDATION WALL STONES AT LOCATIONS MARKED BY THE ARCHITECT IN THE FIELD, TYPICAL. APPROXIMATELY 100 LF OF CRACK REPAIR.
- 7 REMOVE EXISTING CRACKED OR BROKEN BRICK AT LOCATIONS MARKED BY THE ARCHITECT IN THE FIELD, TYPICAL. REPLACE APPROXIMATELY 150 BRICKS.
- 8. APPLY MASONRY CONSOLIDANT TO ALL EXISTING MARBLE SURFACES, TYPICAL.
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- 18. CUT AND REPOINT 100% OF EXISTING BRICK MORTAR JOINTS AT ALL FACES OF EXISTING MASONRY RETAINING WALL, CLEAN AND APPLY BREATHABLE MASONRY CLEAR SEALER TO ALL BRICK AND STONE SURFACES, TYPICAL.
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- 22. AT WINDOW TYPE O; STRIP AND REMOVE EXISTING PAINT, AND PRIME AND REPAIR

South Elevation



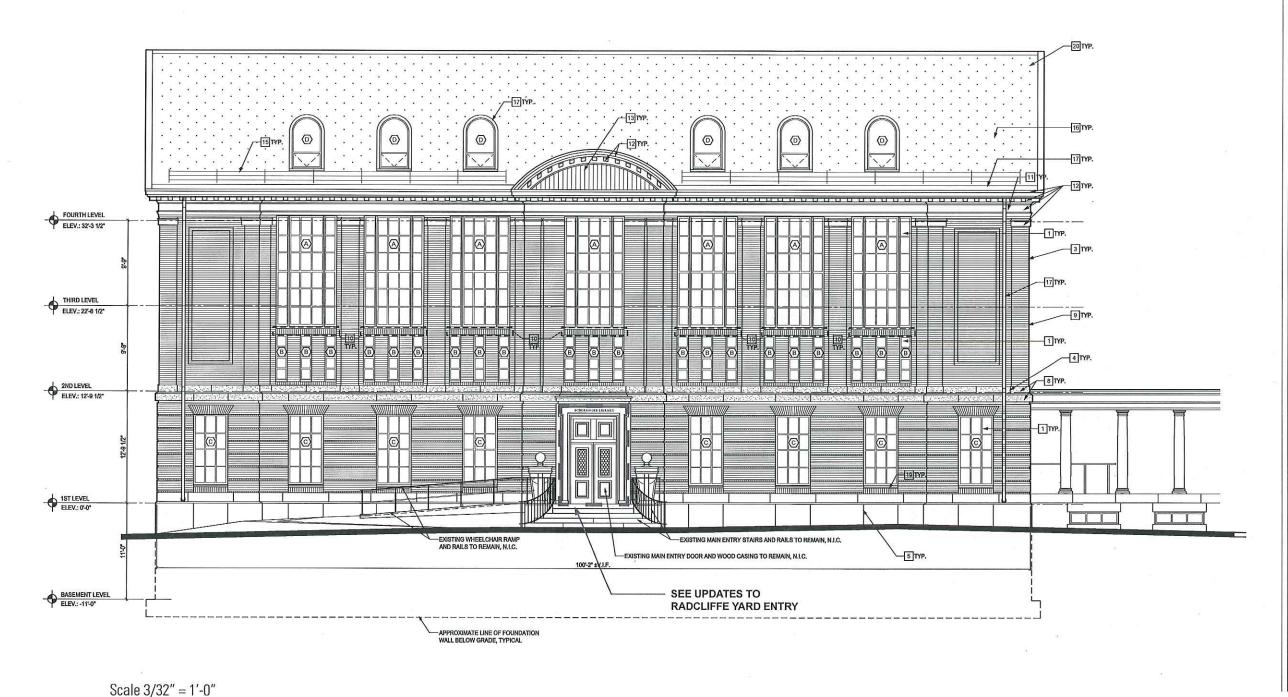
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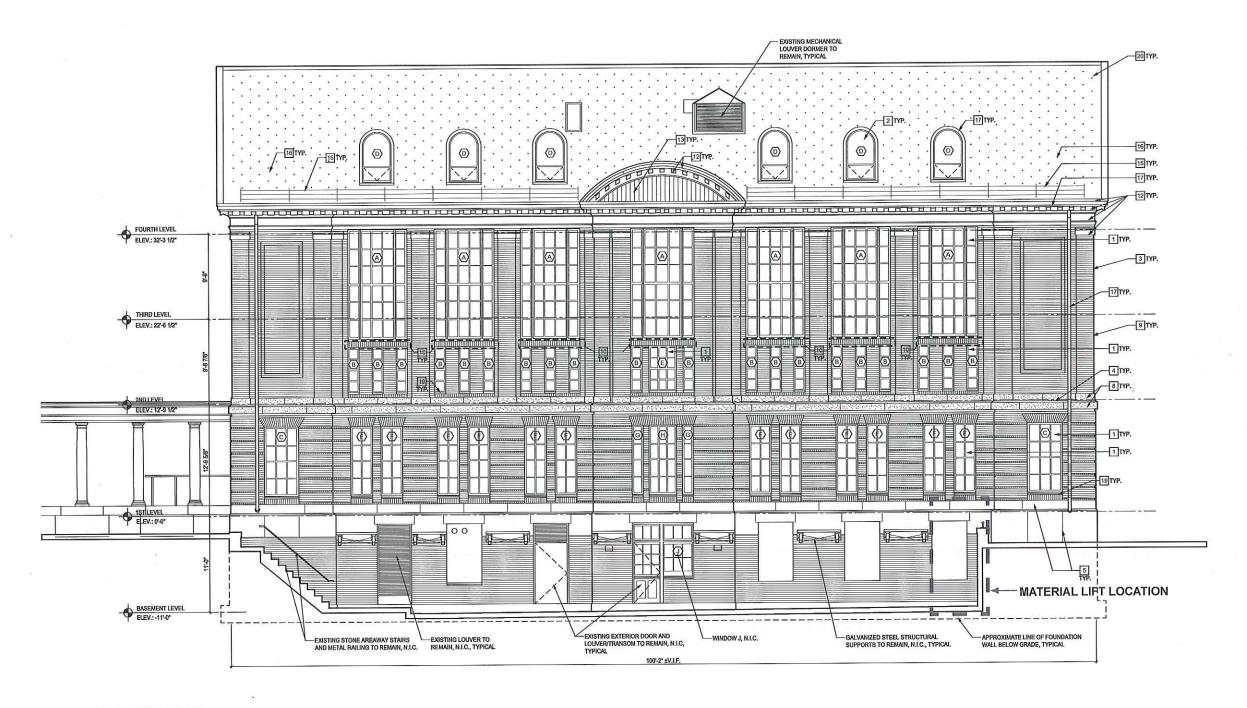
East Elevation



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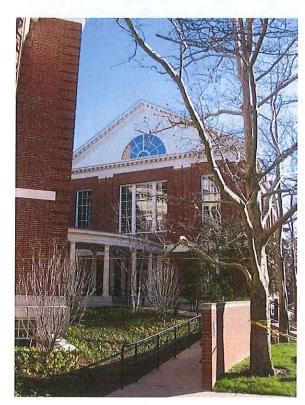
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Existing Elevations









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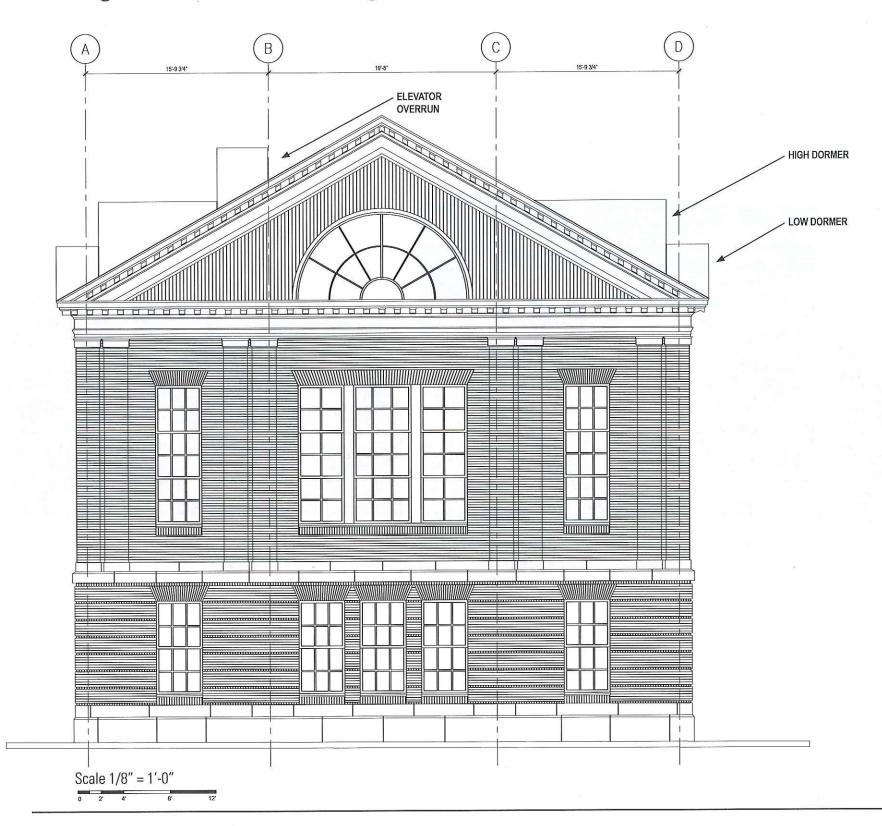
South

East

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West

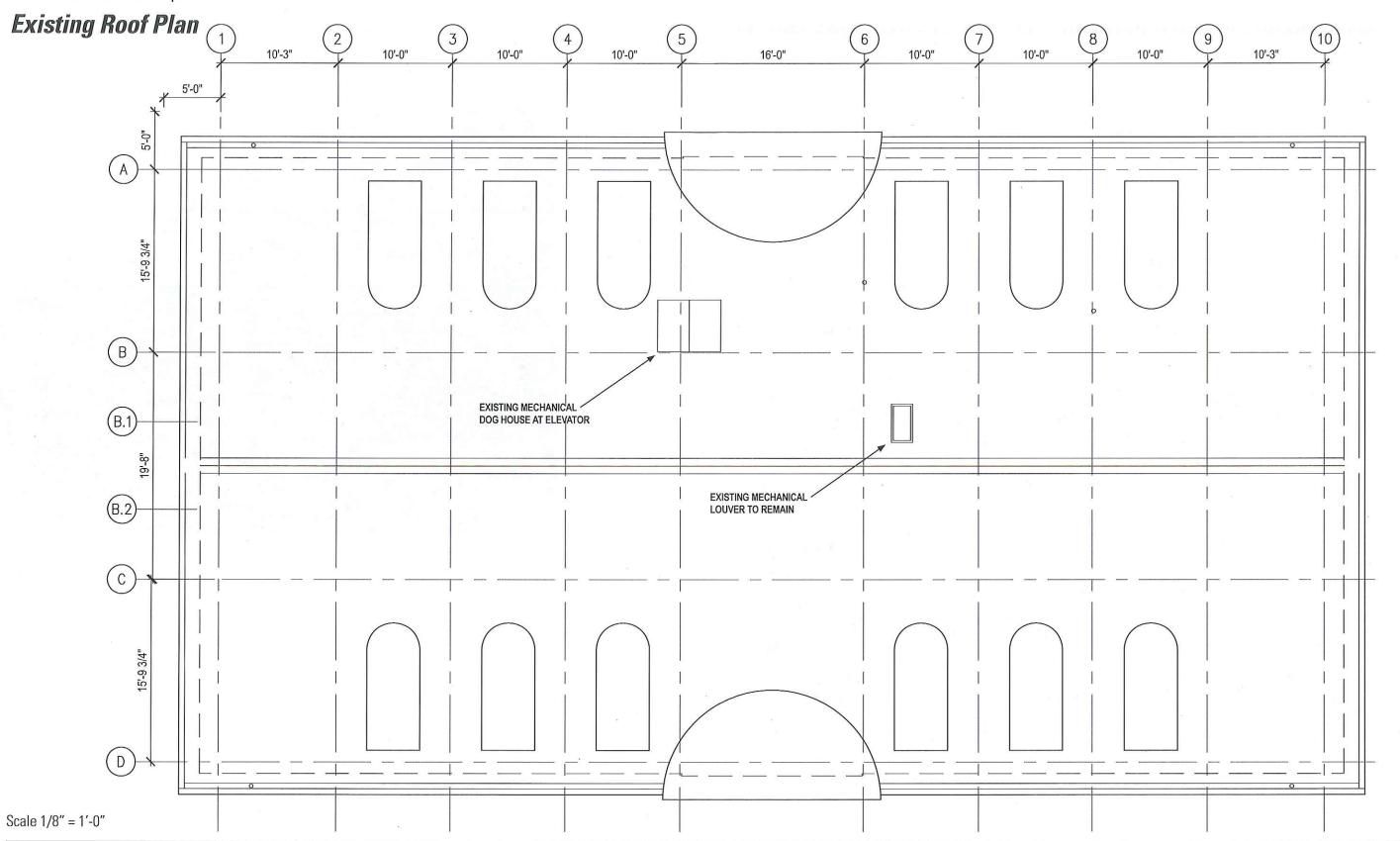
Existing South Elevation Showing Dormers and Roof Mechanical



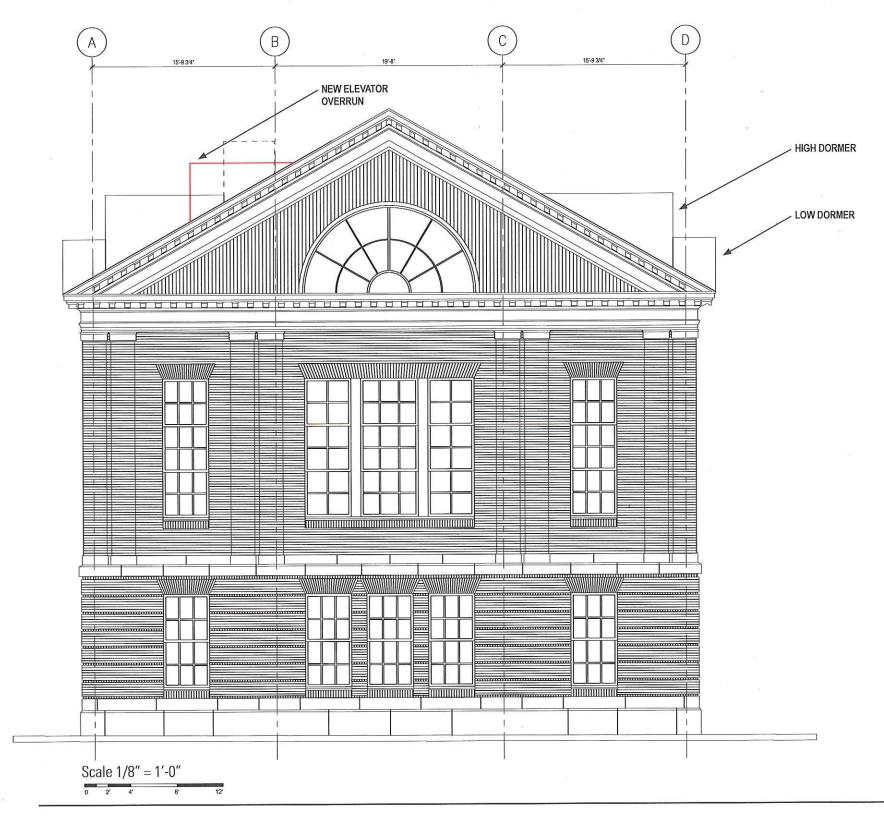


Existing roof condition facing James Street

01: Exterior Scope



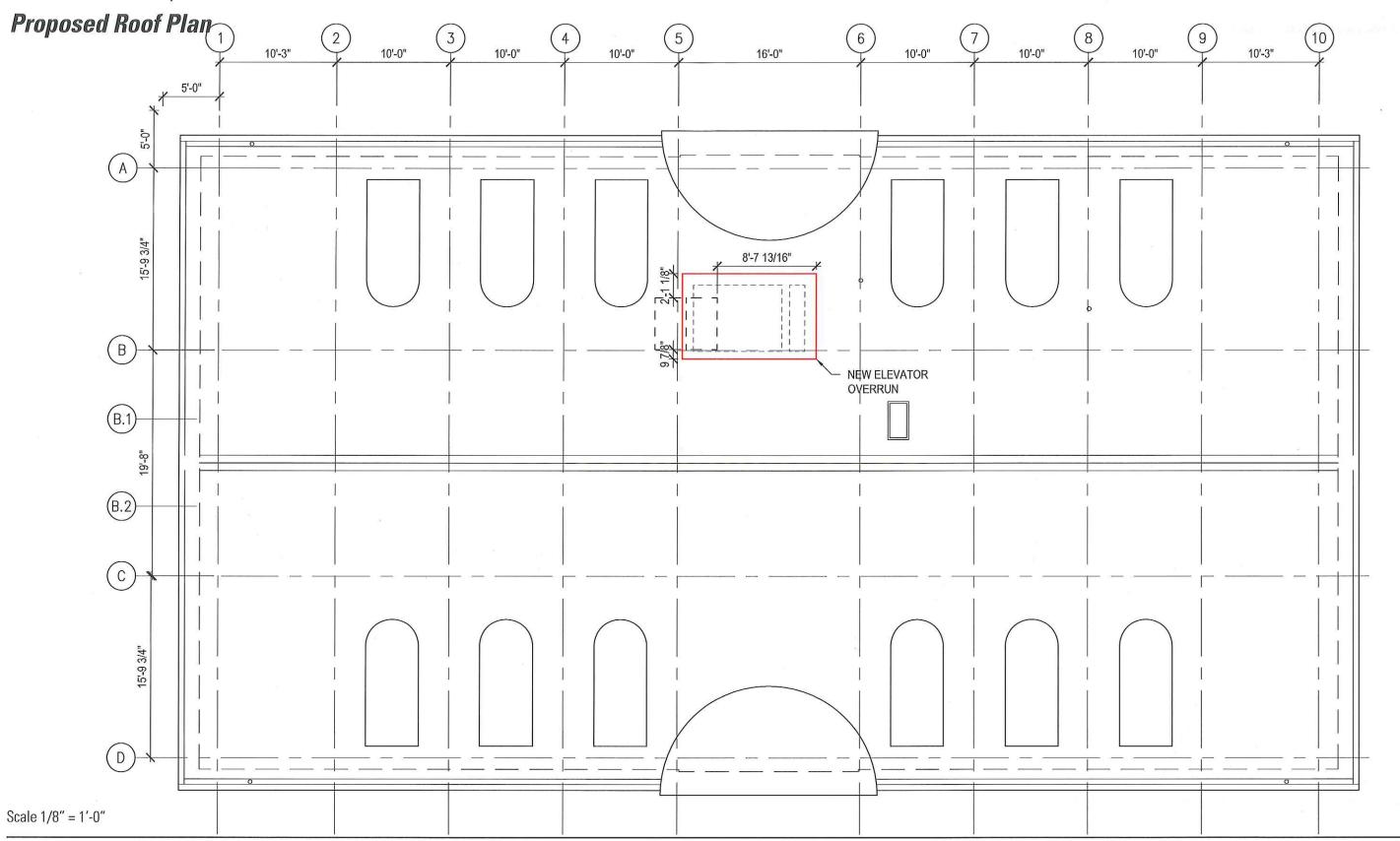
Proposed South Elevation Showing Dormers and Roof Mechanical

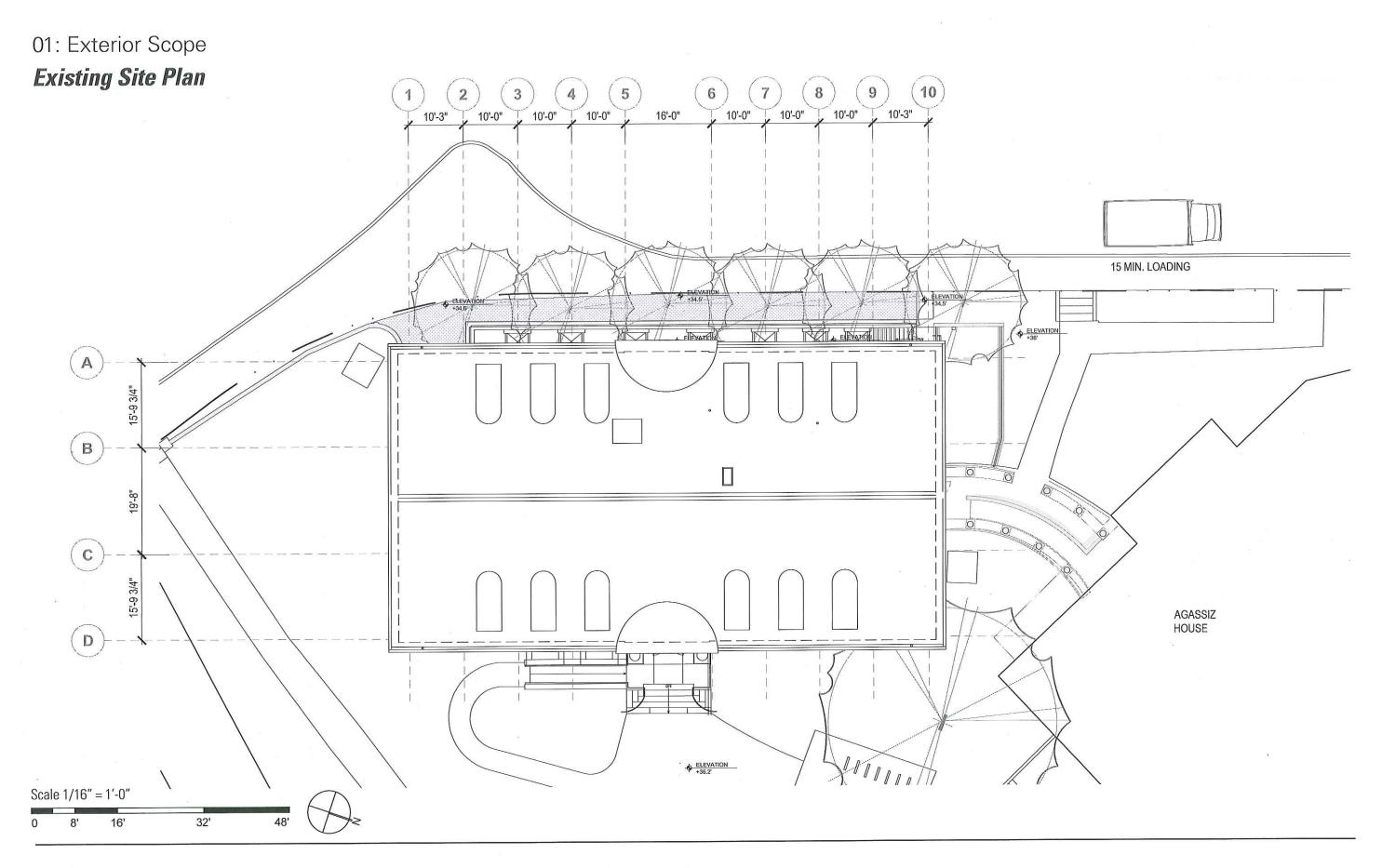


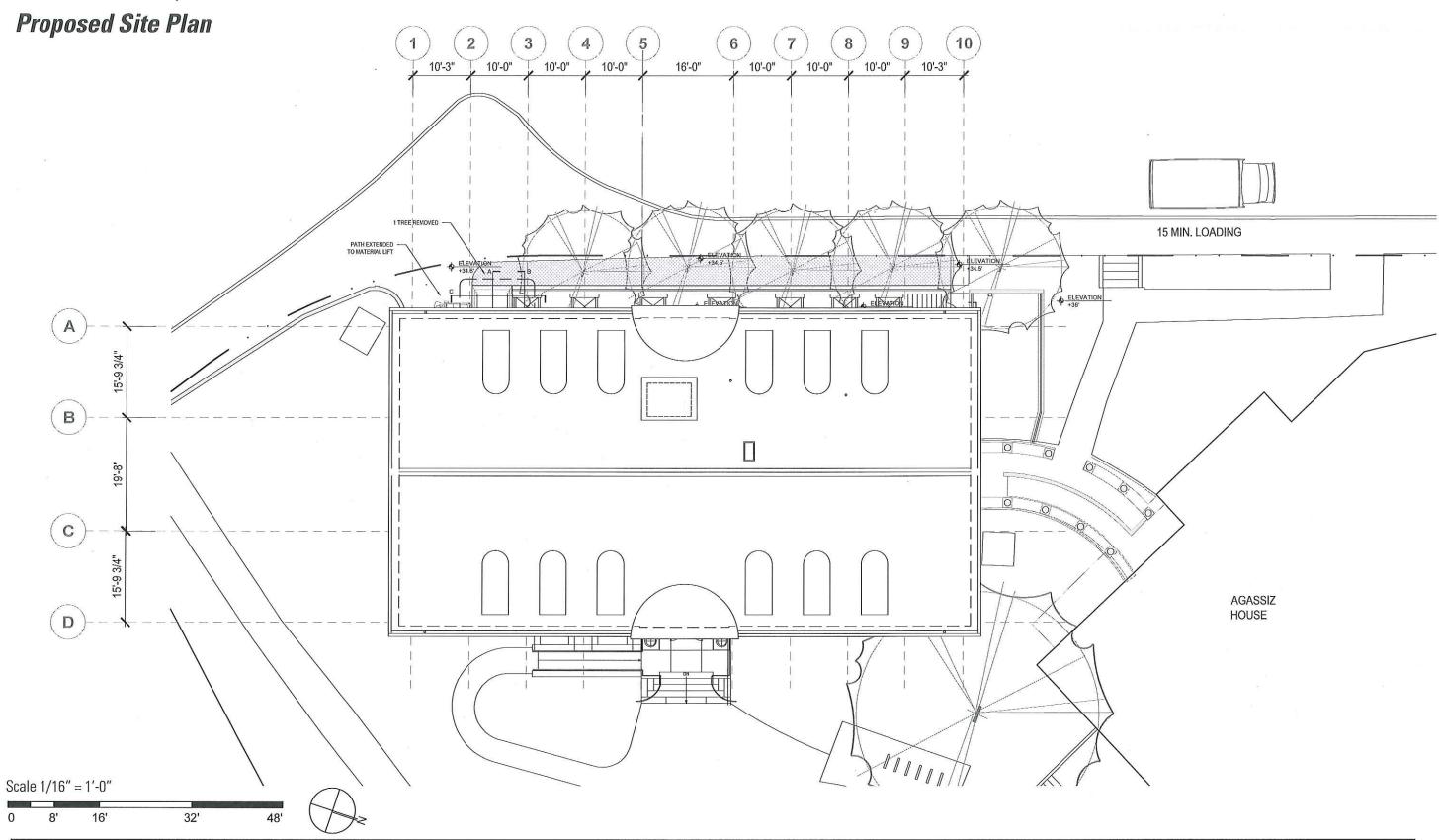


Progress view from digital model

01: Exterior Scope

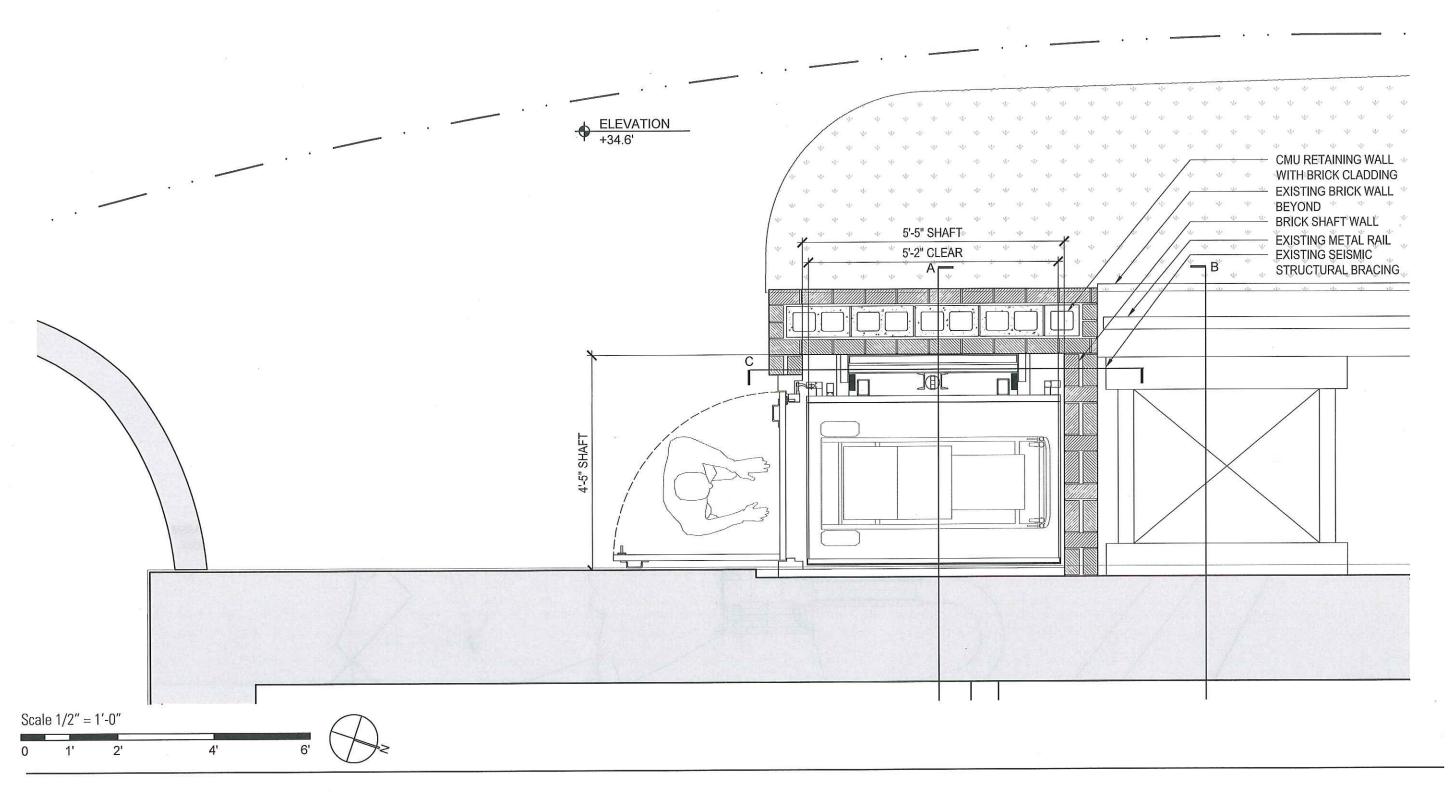






01: Exterior Scope

Enlarged Plan at Material Lift

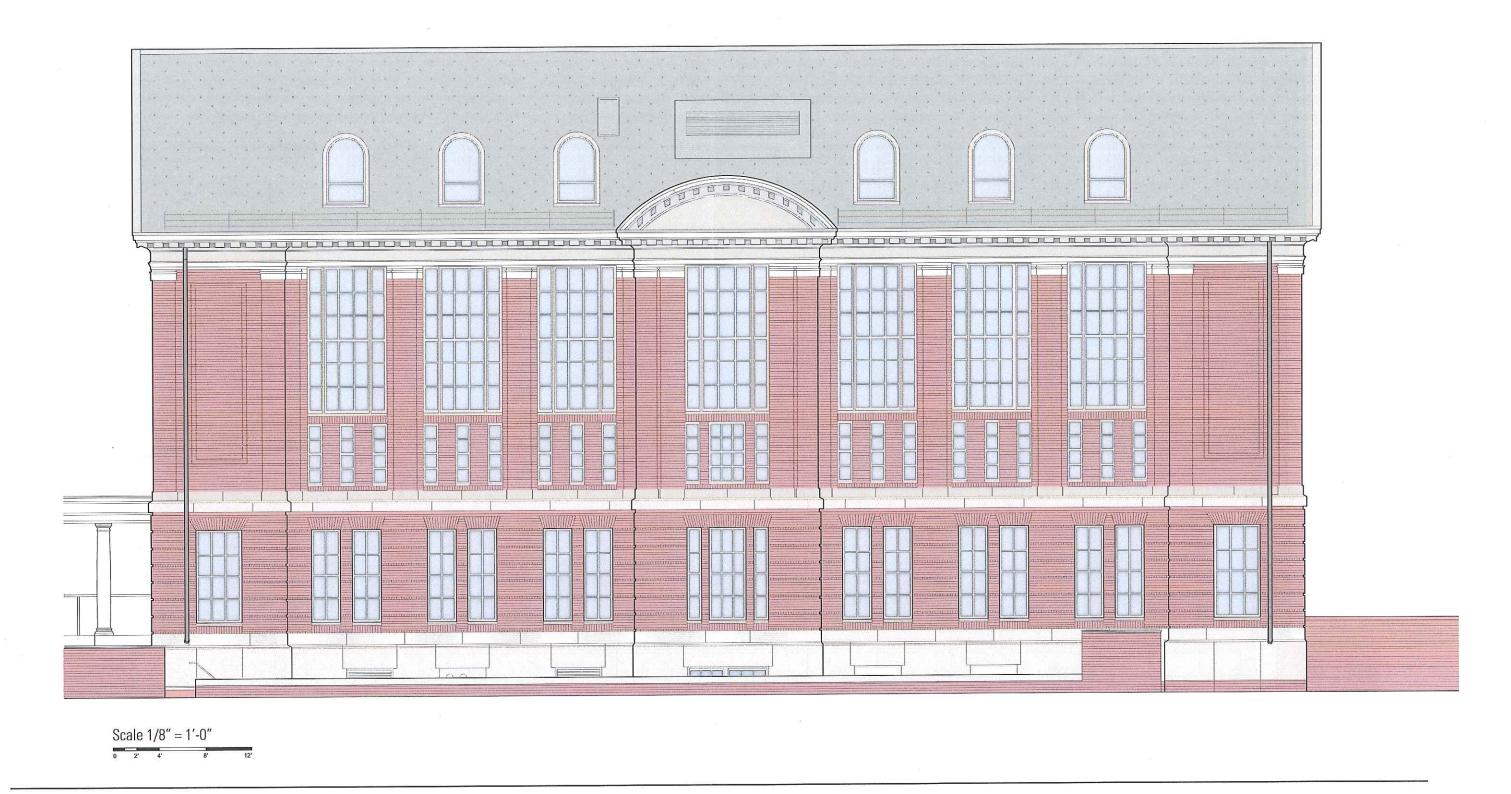


02: Material Lift

Existing West Elevation

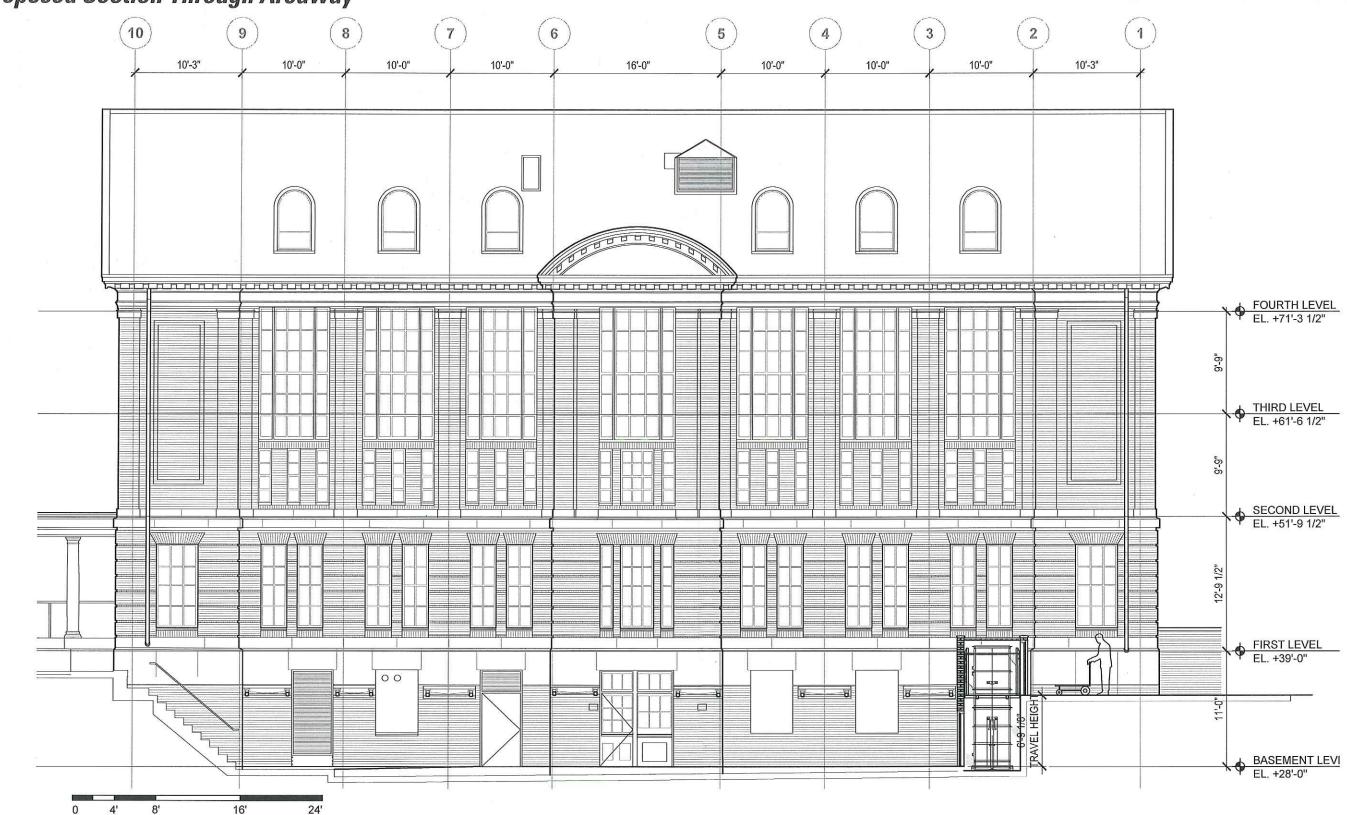


Proposed West Elevation



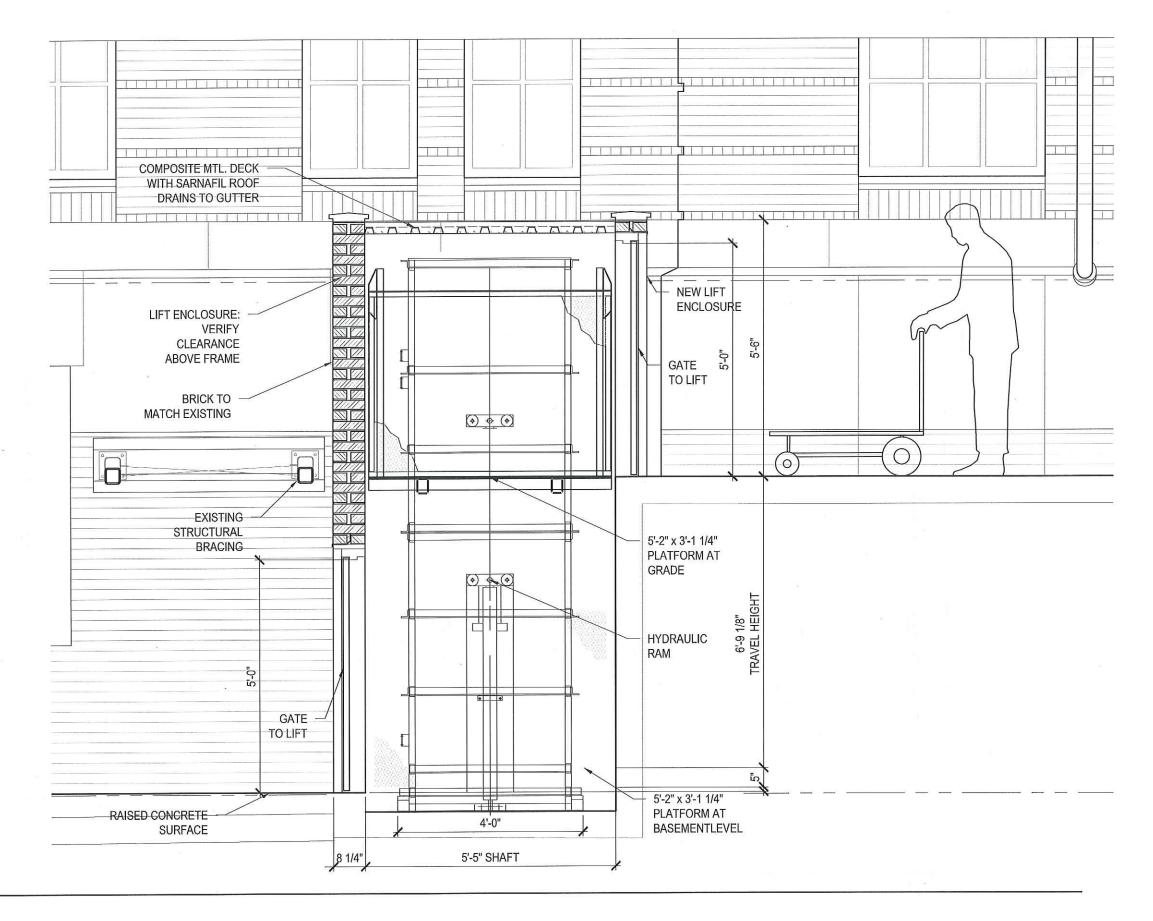
02: Material Lift

Proposed Section Through Areaway



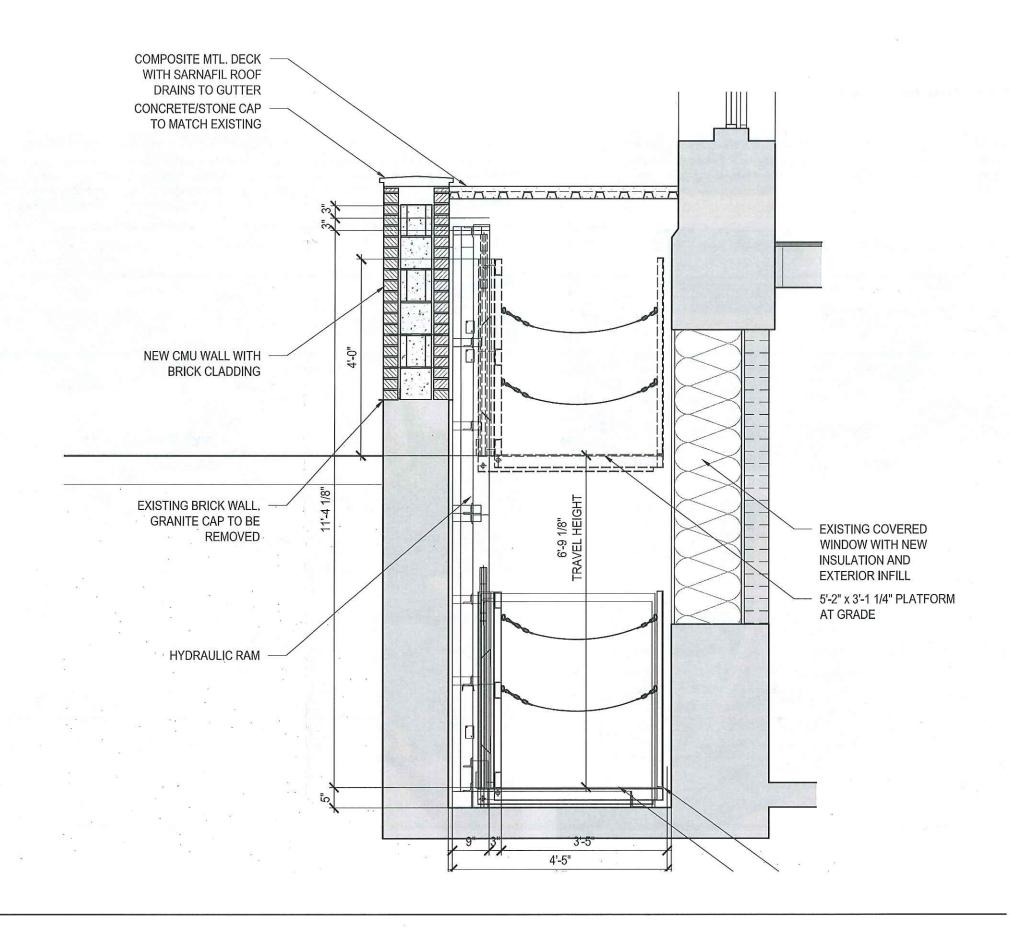
02: Material Lift

Detail Section North-South



02: Material Lift

Detail Section West-East



02: Material Lift

Existing Areaway



Areaway Entry to Schlesinger Basement



Areaway Entry to Schlesinger Basement and Structural Bracing



Existing Extended Wall at North End of Areaway

02: Material Lift

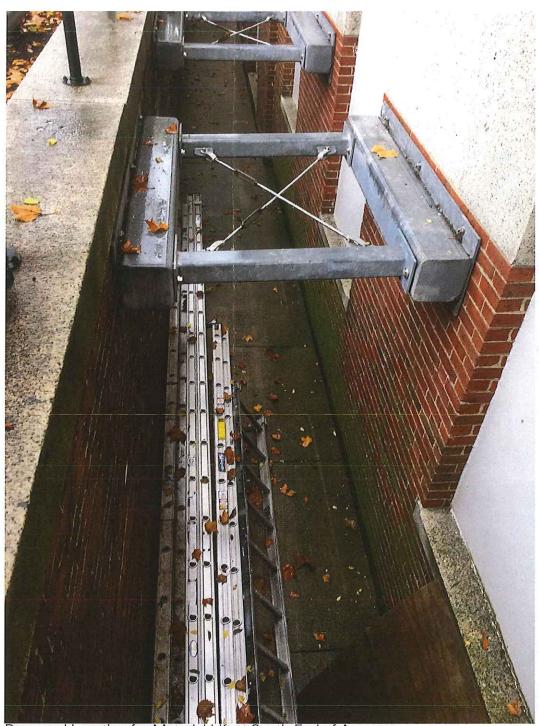
Existing Areaway



Looking South into Areaway



Proposed Location for Material lift at South End of Areaway



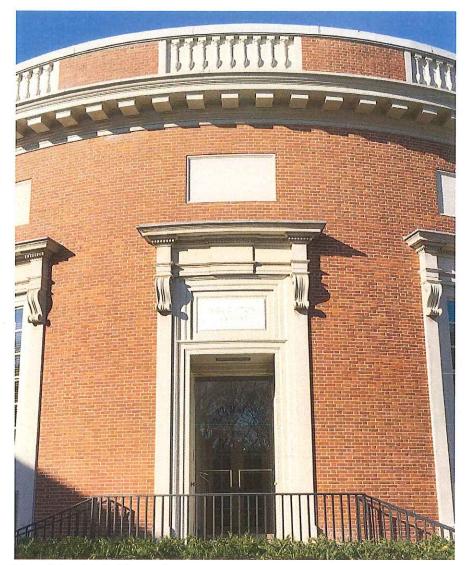
Proposed Location for Material Lift at South End of Areaway

03: Radcliffe Yard Entry **Existing East Elevation**

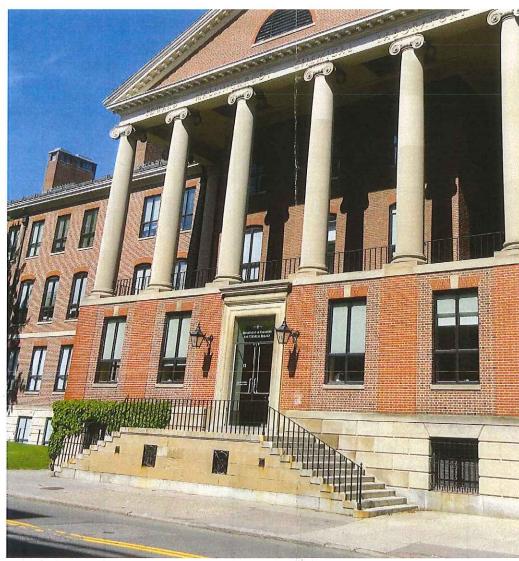




Precedents of Exterior Historic Restorations at Harvard

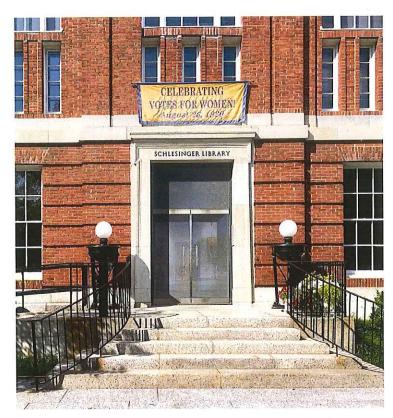


Houghton Hall, Harvard



Department of Chemistry, Harvard

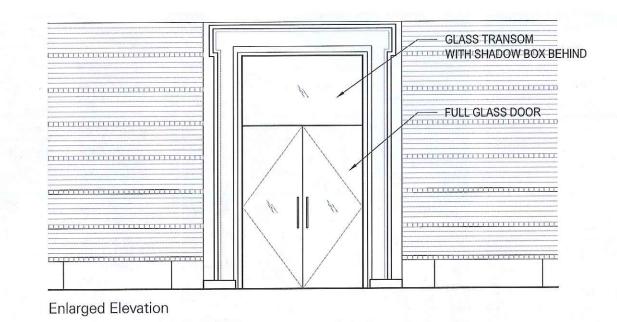
Proposed East Elevation - Enlarged

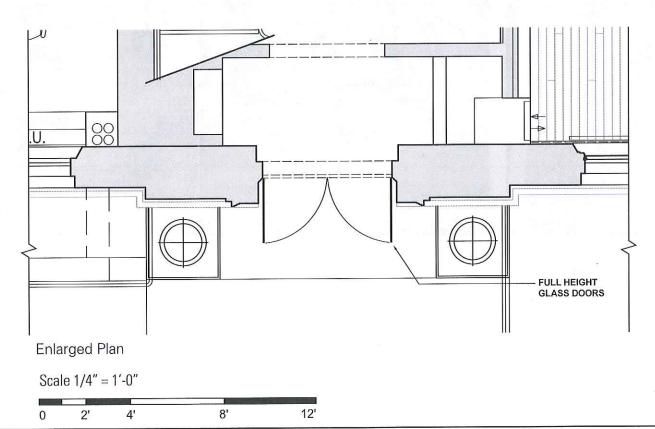


Proposed Rendering of Entry onto Radcliffe Yard

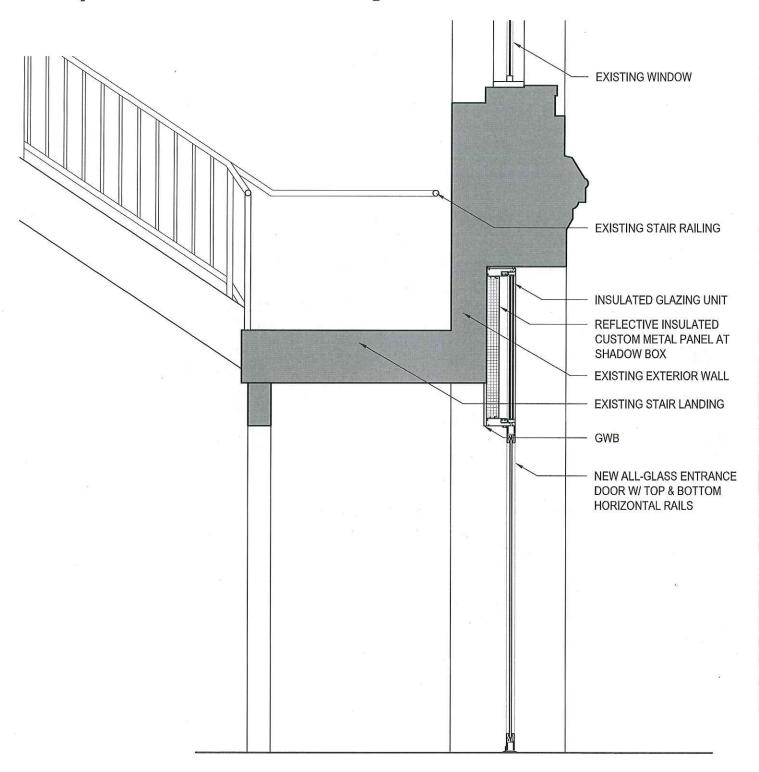


PRL Glass Door with Panic Device





Proposed East Elevation - Enlarged Section



Scale 1/2" = 1'-0"

Proposed East Elevation

