Turner Hall

1034 N Vel R Phillips Ave
Milwaukee, WI 53203

FEMA Grant Safety and Security Project

Certificate of Appropriateness Application
Drawing and Photo Exhibits

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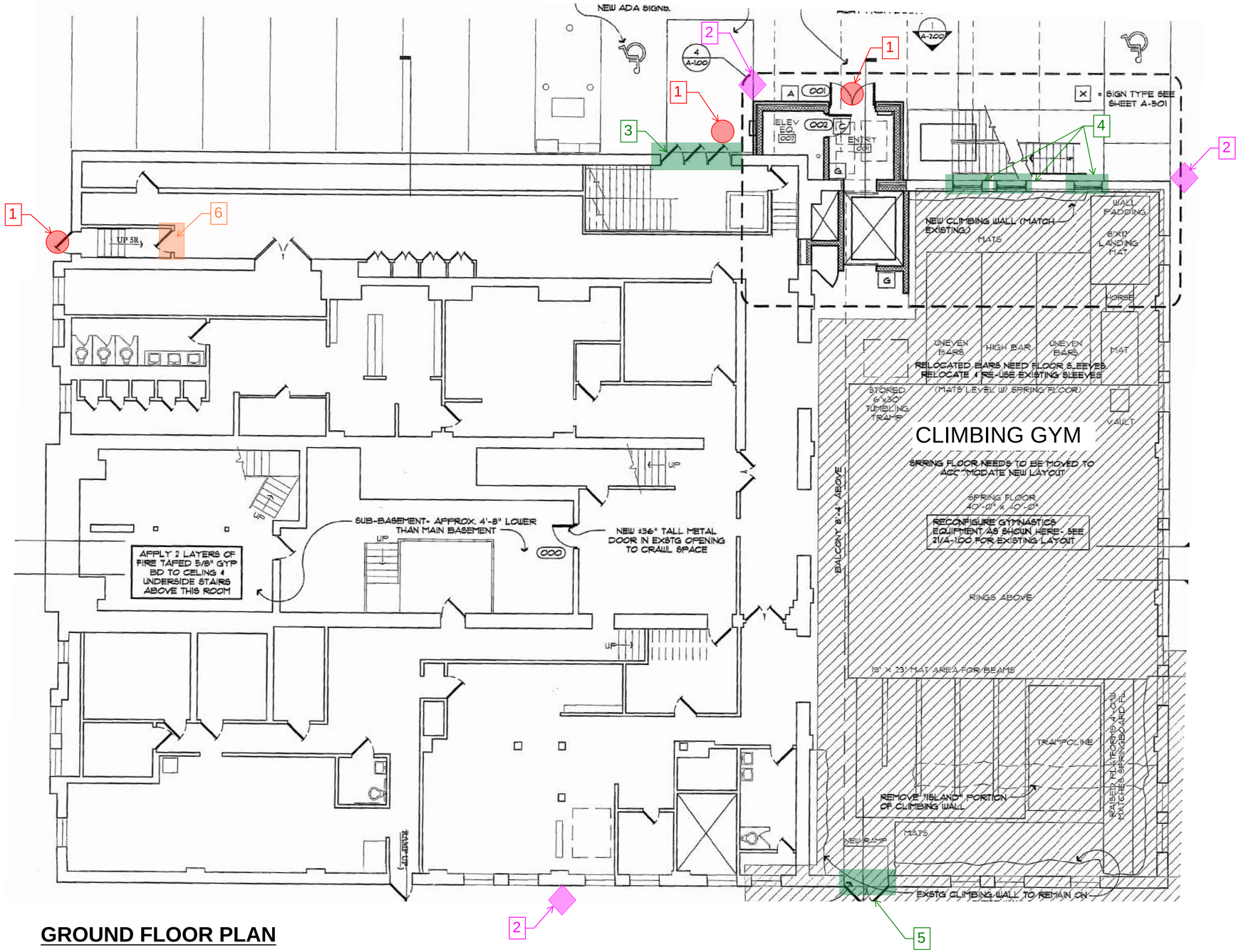
Architectural
Resources Group



GROUND FLOOR PLAN

N.T.S

KEYNOTES

1. INSTALL NETWORKED ACCESS CONTROL SYSTEM TO DOOR. SEE ATTACHED PRODUCT SPECIFICATIONS.
2. INSTALL VIDEO SURVEILLANCE CAMERA, SEE ATTACHED PRODUCT SPECIFICATIONS.
3. REPLACE EXISTING NON-ORIGINAL HOLLOW METAL DOORS WITH NEW SIMILAR METAL DOORS. PAINT DOORS CREAM COLOR TO MATCH ADJACENT BRICK.
4. NEW GLAZING IN EXISTING WOOD SASHES. NEW GLAZING TO BE APPLIED WITH 8 MIL LLUMAR CLEAR SAFETY AND SECURITY WINDOW FILM. SEE ATTACHED PRODUCT SPECIFICATION.
5. REPLACE EXISTING NON-ORIGINAL HOLLOW METAL DOORS WITH NEW SIMILAR METAL DOORS.
6. NEW ALUMINUM DOOR WITH GLAZING INSTALLED AT EXISTING NON-HISTORIC OPENING, LOCATED IN THE ANNEX ADDITION

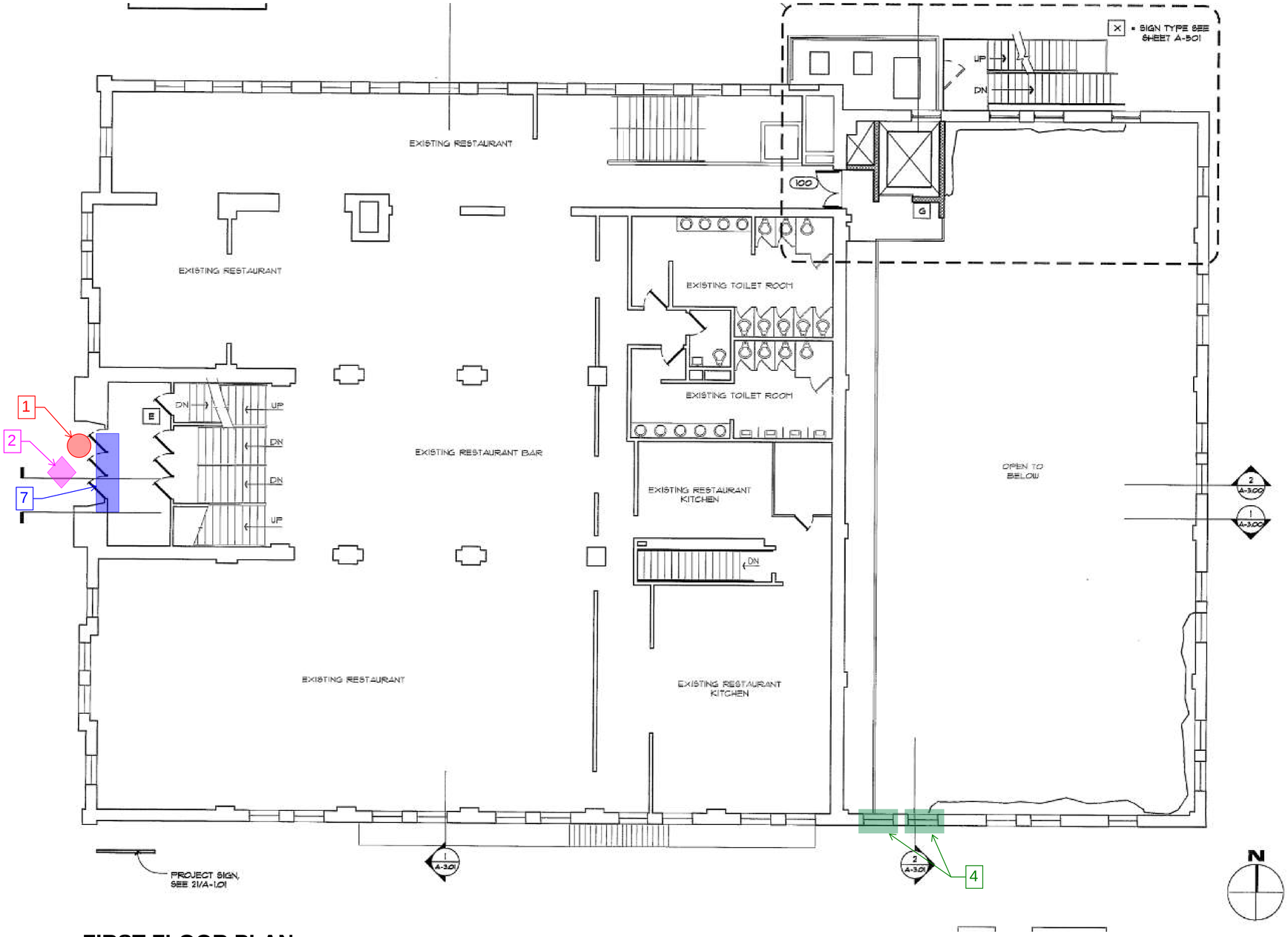
LEGEND

- REPLACE DOOR OR WINDOW (ELEMENTS) IN KIND
- ADD WINDOW FILM TO DOOR/WINDOW GLAZING
- NEW DOOR
- ADD DIGITAL ACCESS TO DOOR HARDWARE
- NEW SECURITY CAMERA

2005 - Phase II & III Building Restoration Floor Plans

Representative of building As-Built condition

All notes and call-outs in black indicate scope of work from 2005 restoration project, which is complete.



FIRST FLOOR PLAN

N.T.S

KEYNOTES

1 INSTALL NETWORKED ACCESS CONTROL SYSTEM TO DOOR. SEE ATTACHED PRODUCT SPECIFICATIONS.

2 INSTALL VIDEO SURVEILLANCE CAMERA, SEE ATTACHED PRODUCT SPECIFICATIONS.

4 NEW GLAZING IN EXISTING WOOD SASHES. NEW GLAZING TO BE APPLIED WITH 8 MIL LLUMAR CLEAR SAFETY AND SECURITY WINDOW FILM. SEE ATTACHED PRODUCT SPECIFICATION.

7 INSTALL 8 MIL LLUMAR CLEAR SAFETY AND SECURITY WINDOW FILM AT EXISTING GLAZING. SEE ATTACHED PRODUCT SPECIFICATION.

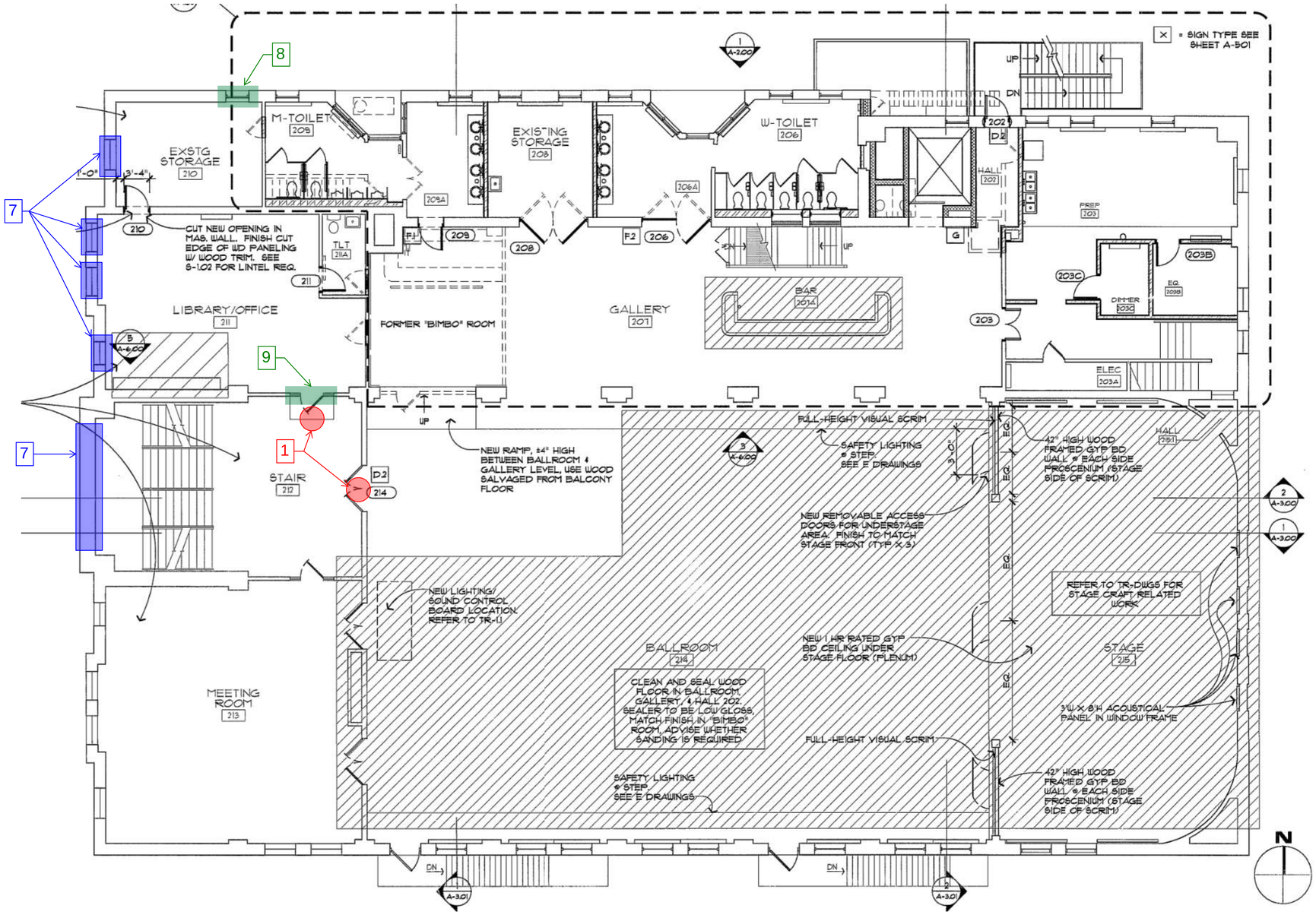
LEGEND

- REPLACE DOOR OR WINDOW (ELEMENTS) IN KIND
- ADD WINDOW FILM TO DOOR/WINDOW GLAZING
- NEW DOOR
- ADD DIGITAL ACCESS TO DOOR HARDWARE
- NEW SECURITY CAMERA

2005 - Phase II & III Building Restoration Floor Plans

Representative of building As-Built condition

All notes and call-outs in black indicate scope of work from 2005 restoration project, which is complete.



SECOND FLOOR PLAN

N.T.S

KEYNOTES

1. INSTALL NETWORKED ACCESS CONTROL SYSTEM TO DOOR. SEE ATTACHED PRODUCT SPECIFICATIONS.
2. INSTALL VIDEO SURVEILLANCE CAMERA, SEE ATTACHED PRODUCT SPECIFICATIONS.
7. INSTALL 8 MIL LLUMAR CLEAR SAFETY AND SECURITY WINDOW FILM AT EXISTING GLAZING. SEE ATTACHED PRODUCT SPECIFICATION.
8. NEW WOOD WINDOW TO MATCH EXISTING. NEW GLAZING TO BE LAMINATED SAFETY GLASS.
9. NEW WOOD DOOR, SIDELIGHTS AND TRANSOM TO MATCH EXISTING. EXISTING DOOR AND LIGHTS ARE NOT ORIGINAL, AND HAVE BEEN ALTERED OVER THE YEARS. NEW GLAZING TO BE LAMINATED SAFETY GLASS.

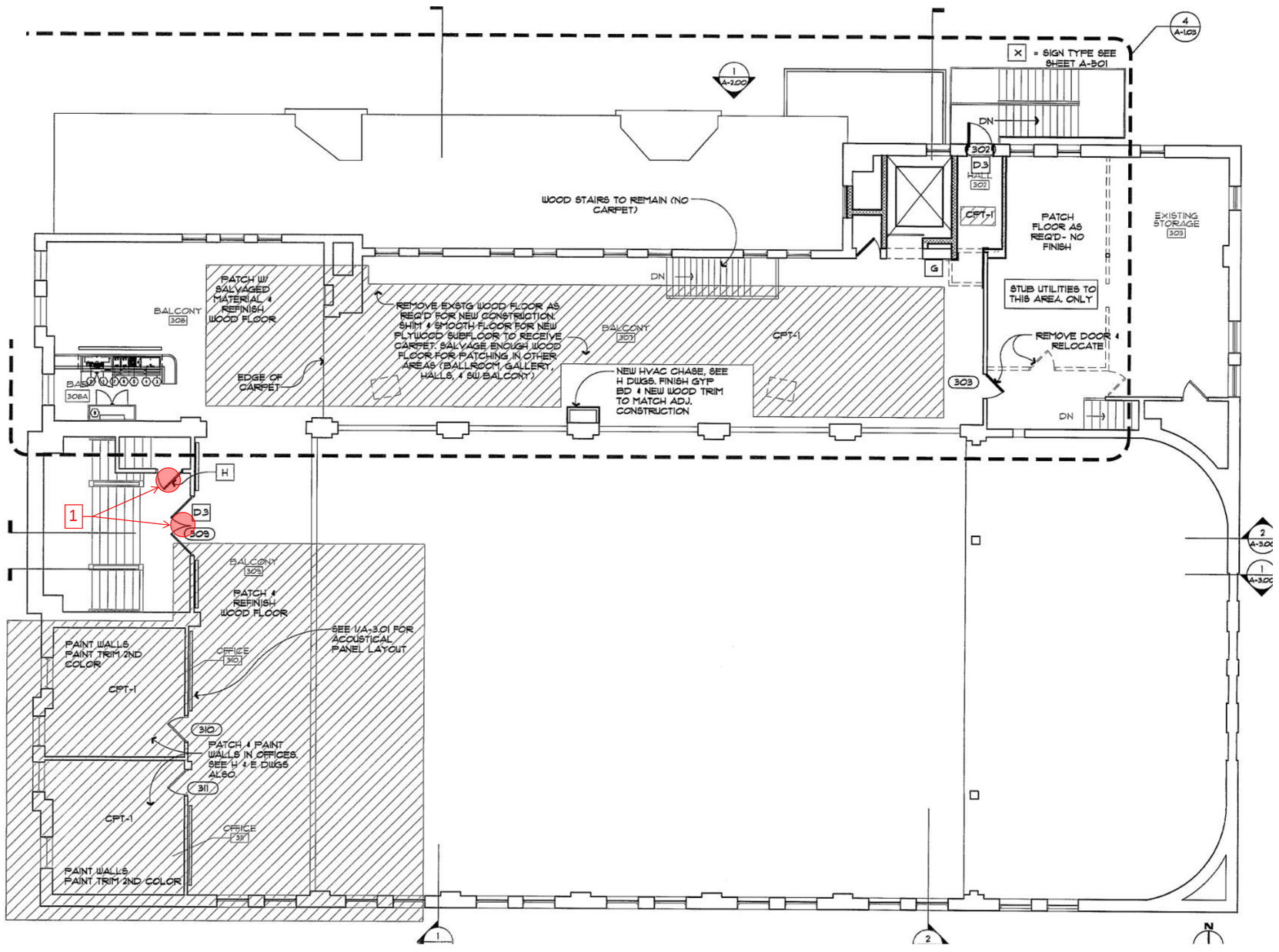
LEGEND

- REPLACE DOOR OR WINDOW (ELEMENTS) IN KIND
- ADD WINDOW FILM TO DOOR/WINDOW GLAZING
- NEW DOOR
- ADD DIGITAL ACCESS TO DOOR HARDWARE
- NEW SECURITY CAMERA

2005 - Phase II & III Building Restoration Floor Plans

Representative of building As-Built condition

All notes and call-outs in black indicate scope of work from 2005 restoration project, which is complete.



THIRD FLOOR PLAN

N.T.S

KEYNOTES

1 INSTALL NETWORKED ACCESS CONTROL SYSTEM TO DOOR. SEE ATTACHED PRODUCT SPECIFICATIONS.

LEGEND

- REPLACE DOOR OR WINDOW (ELEMENTS) IN KIND
- ADD WINDOW FILM TO DOOR/WINDOW GLAZING
- NEW DOOR
- ADD DIGITAL ACCESS TO DOOR HARDWARE
- NEW SECURITY CAMERA

2005 - Phase II & III Building Restoration Floor Plans

Representative of building As-Built condition

All notes and call-outs in black indicate scope of work from 2005 restoration project, which is complete.

West Elevation - Existing Condition

N.T.S.

KEYNOTES

1 INSTALL NETWORKED ACCESS CONTROL SYSTEM TO DOOR. SEE ATTACHED PRODUCT SPECIFICATIONS.

2 INSTALL VIDEO SURVEILLANCE CAMERA, SEE ATTACHED PRODUCT SPECIFICATIONS.

7 INSTALL 8 MIL LLUMAR CLEAR SAFETY AND SECURITY WINDOW FILM AT EXISTING GLAZING. SEE ATTACHED PRODUCT SPECIFICATION.

LEGEND

- REPLACE DOOR OR WINDOW (ELEMENTS) IN KIND
- ADD WINDOW FILM TO DOOR/WINDOW GLAZING
- NEW DOOR
- ADD DIGITAL ACCESS TO DOOR HARDWARE
- NEW SECURITY CAMERA

KEYNOTES

1 INSTALL NETWORKED ACCESS CONTROL SYSTEM TO DOOR. SEE ATTACHED PRODUCT SPECIFICATIONS.

2 INSTALL VIDEO SURVEILLANCE CAMERA, SEE ATTACHED PRODUCT SPECIFICATIONS.

3 REPLACE EXISTING NON-ORIGINAL HOLLOW METAL DOORS WITH NEW SIMILAR METAL DOORS. PAINT DOORS CREAM COLOR TO MATCH ADJACENT BRICK.

4 NEW GLAZING IN EXISTING WOOD SASHES. NEW GLAZING TO BE APPLIED WITH 8 MIL LLUMAR CLEAR SAFETY AND SECURITY WINDOW FILM. SEE ATTACHED PRODUCT SPECIFICATION.

8 NEW WOOD WINDOW TO MATCH EXISTING. NEW GLAZING TO BE LAMINATED SAFETY GLASS.

LEGEND

REPLACE DOOR OR WINDOW (ELEMENTS) IN KIND

ADD WINDOW FILM TO DOOR/WINDOW GLAZING

NEW DOOR

ADD DIGITAL ACCESS TO DOOR HARDWARE

NEW SECURITY CAMERA

North Elevation - Existing Condition

N.T.S.

KEYNOTES

1 INSTALL NETWORKED ACCESS CONTROL SYSTEM TO DOOR. SEE ATTACHED PRODUCT SPECIFICATIONS.

2 INSTALL VIDEO SURVEILLANCE CAMERA, SEE ATTACHED PRODUCT SPECIFICATIONS.

4 NEW GLAZING IN EXISTING WOOD SASHES. NEW GLAZING TO BE APPLIED WITH 8 MIL LLUMAR CLEAR SAFETY AND SECURITY WINDOW FILM. SEE ATTACHED PRODUCT SPECIFICATION.

5 REPLACE EXISTING NON-ORIGINAL HOLLOW METAL DOORS WITH NEW SIMILAR METAL DOORS.

LEGEND

REPLACE DOOR OR WINDOW (ELEMENTS) IN KIND

ADD WINDOW FILM TO DOOR/WINDOW GLAZING

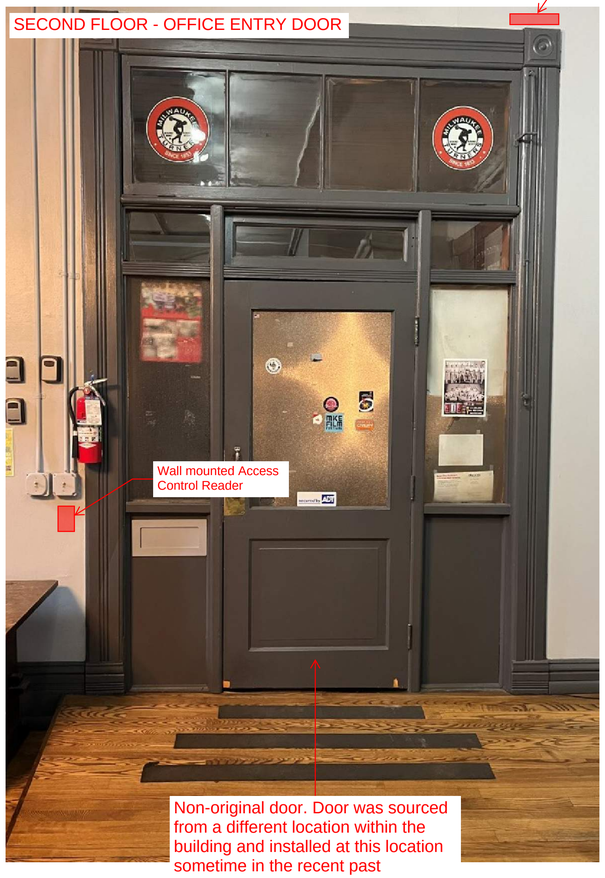
NEW DOOR

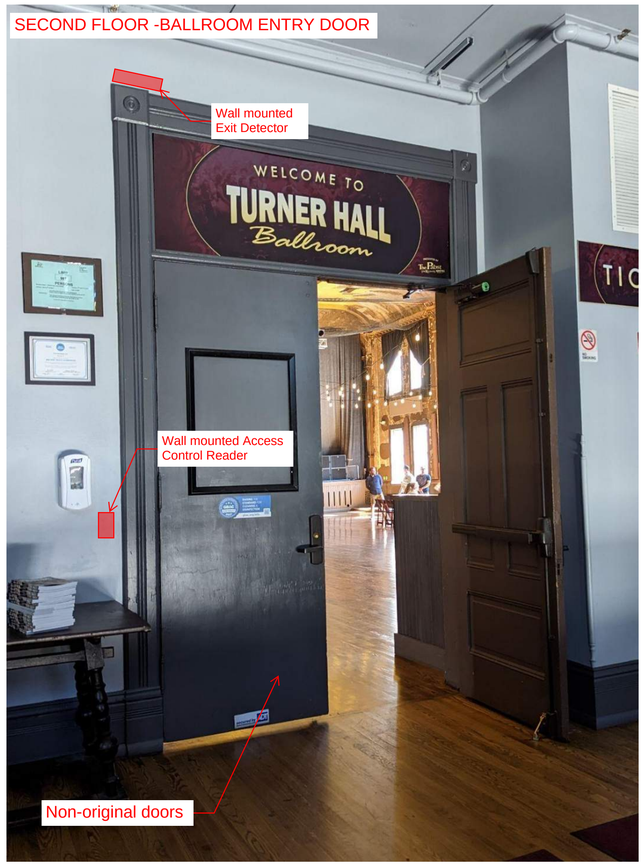
ADD DIGITAL ACCESS TO DOOR HARDWARE

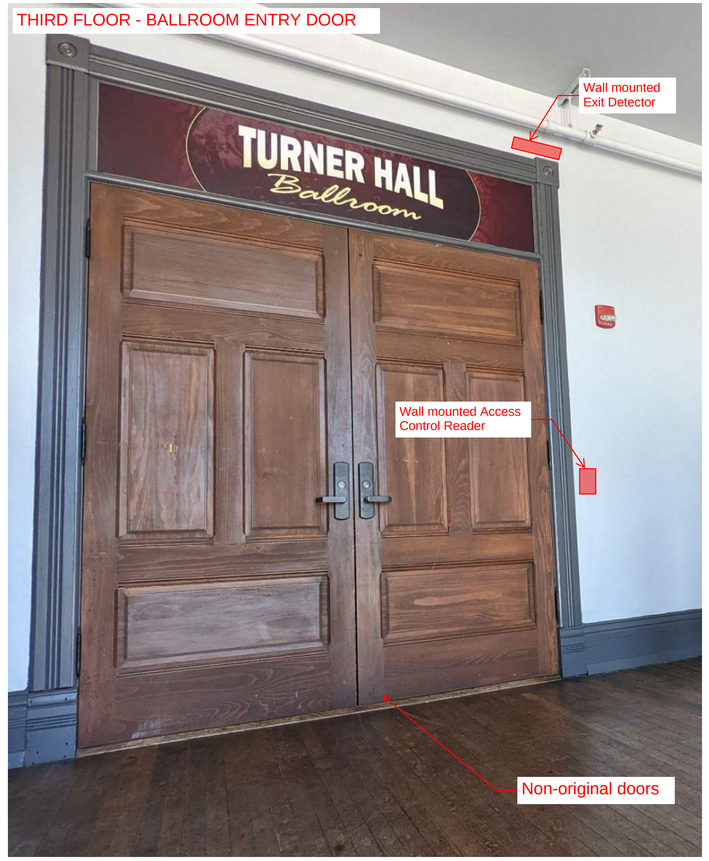
NEW SECURITY CAMERA

North Elevation - Existing Condition

N.T.S.







ACCESS CONTROL READER

EXIT DETECTOR

GENERAL NOTES

1. Access readers and exit detectors should not be installed on wood trim.

2. All wiring to access readers and exit detectors should be concealed within the wall.

3. If any holes are made in the plaster to install the access readers and exit detectors, holes must be patched and painted with plaster and finish that matches the existing wall.

1 Install Networked Access Control System

Interior Doors

EGRESS DOORS - NORTH ELEVATION

ELEVATOR ADDITION DOORS - NORTH ELEVATION

PRIMARY ENTRANCE - WEST ELEVATION

ANNEX DOOR - WEST ELEVATION

ACCESS CONTROL READER

EXIT DETECTOR

GENERAL NOTES

1. Access readers and exit detectors should not be installed on wood trim.

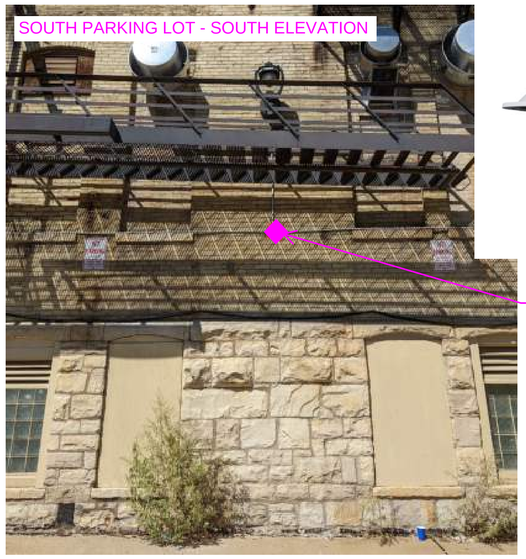
2. All wiring to access readers and exit detectors should be concealed within the wall, when possible. If exposed conduit is required, conduit must be painted to match adjacent finished surface.

3. Any holes required to install the access readers and exit detectors, shall be made at mortar joints only. Holes should not be drilled into bricks.

1 Install Networked Access Control System

Exterior Doors

Surface Mounted Dome Camera. Paint white enclosure to match cream city brick color



Surface Mounted Dual-sensor Dome Camera. Paint white enclosure to match cream city brick color

2 Install Video Surveillance Cameras

Exterior Doors

GENERAL NOTES

1. All wiring to access readers and exit detectors should be concealed within the wall, when possible. If exposed conduit is required to, conduit must be painted to match adjacent finished surface.

2. Any holes required to install the cameras shall be made at mortar joints only. Holes should not be drilled into bricks.

Non-original metal doors, in non-original opening to be replaced with new metal single panel doors. Doors and frames to be painted cream to match adjacent historic brick

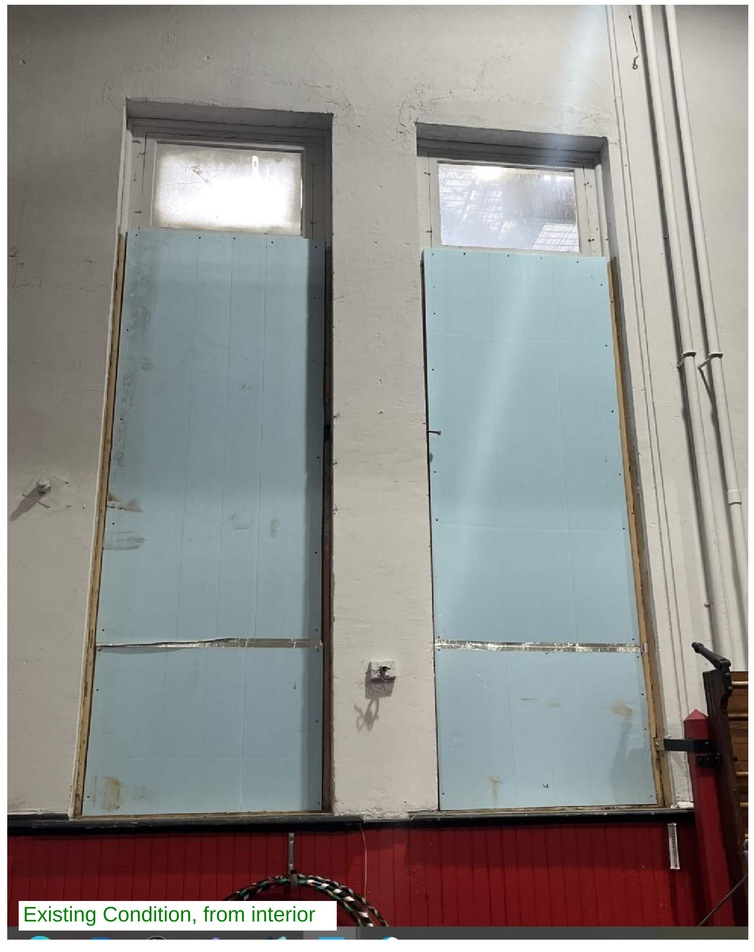
Non-original metal double doors in historic open. Historic opening to remain intact. New single panel metal double doors to be installed in existing opening. Original door configuration unknown.

3 5 Replace Doors or Windows in Kind

Exterior Doors

Original wood windows at the Climbing Gym. Rigid insulation protective panels have been applied from the interior. Beneath the protective panels, some of the original wire glass exists, but if it does, it has been painted from the exterior and most of the panes are broken. Several of the panes have also been replaced with wood panels.

The scope of work for each window proposes to restore the original wood frame, remove and repair the existing sashes (when possible), and replace the existing glazing with new safety glazing and film. The new glazing will bring natural light back into the gym space, as was originally intended.

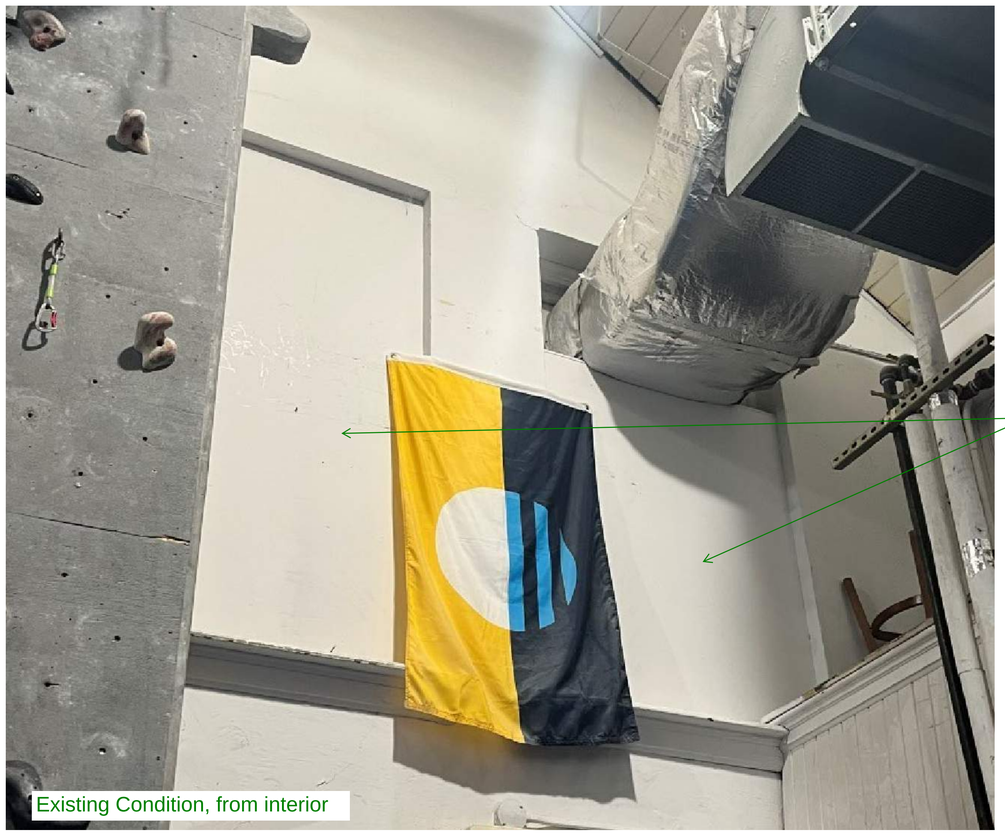


4 Replace Doors or Windows in Kind

Climbing Gym Windows

Original wood windows at the Climbing Gym. Protective panels have been applied from the interior. Beneath the protective panels, some of the original wire glass exist.

The scope of work for each window proposes to restore the original wood frame, remove and repair the existing sashes (when possible), and replace the existing glazing with new safety glazing and film. The new glazing will bring natural light back into the gym space, as was originally intended.



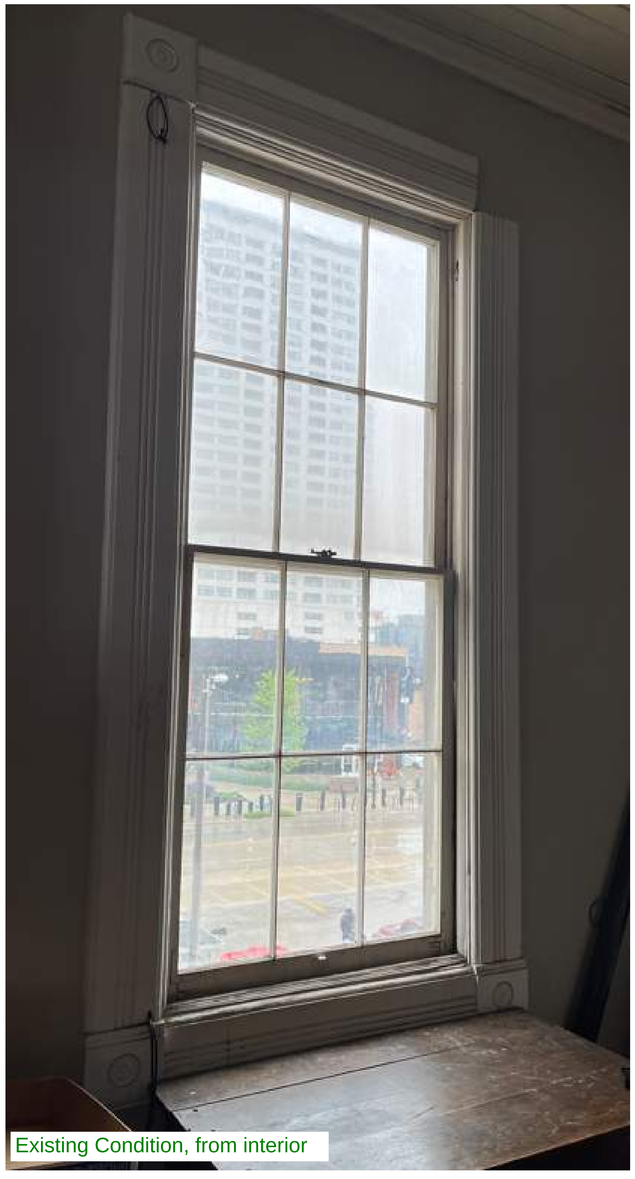
4 Replace Doors or Windows in Kind

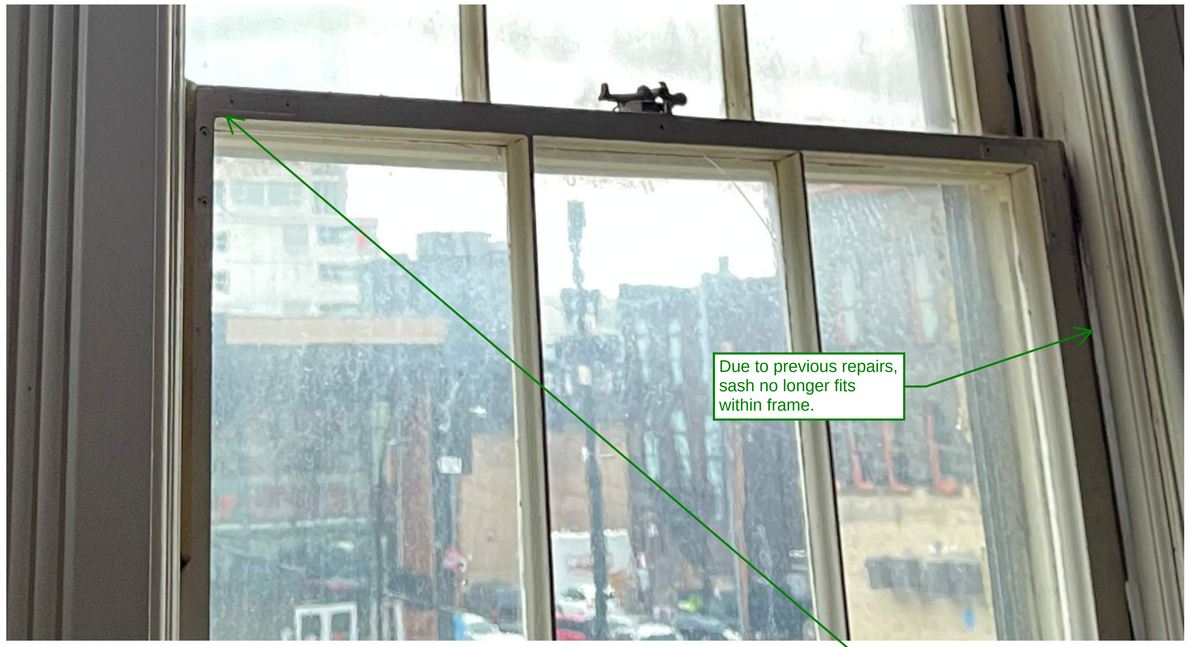
Climbing Gym Windows

OFFICE WINDOW - NORTH ELEVATION

Original wood window at the Office Storage room. Wood rot and previous poor quality repairs have made it infeasible to repair this window. The previous repairs have made the window sash too small to fit in the current frame.

The scope of work for this window proposes to replace this window in kind, with a new wood window of the same configuration and profile. After the new window is installed, 8 Mil Safety and Security series Llumar window film will be installed over the new glazing.

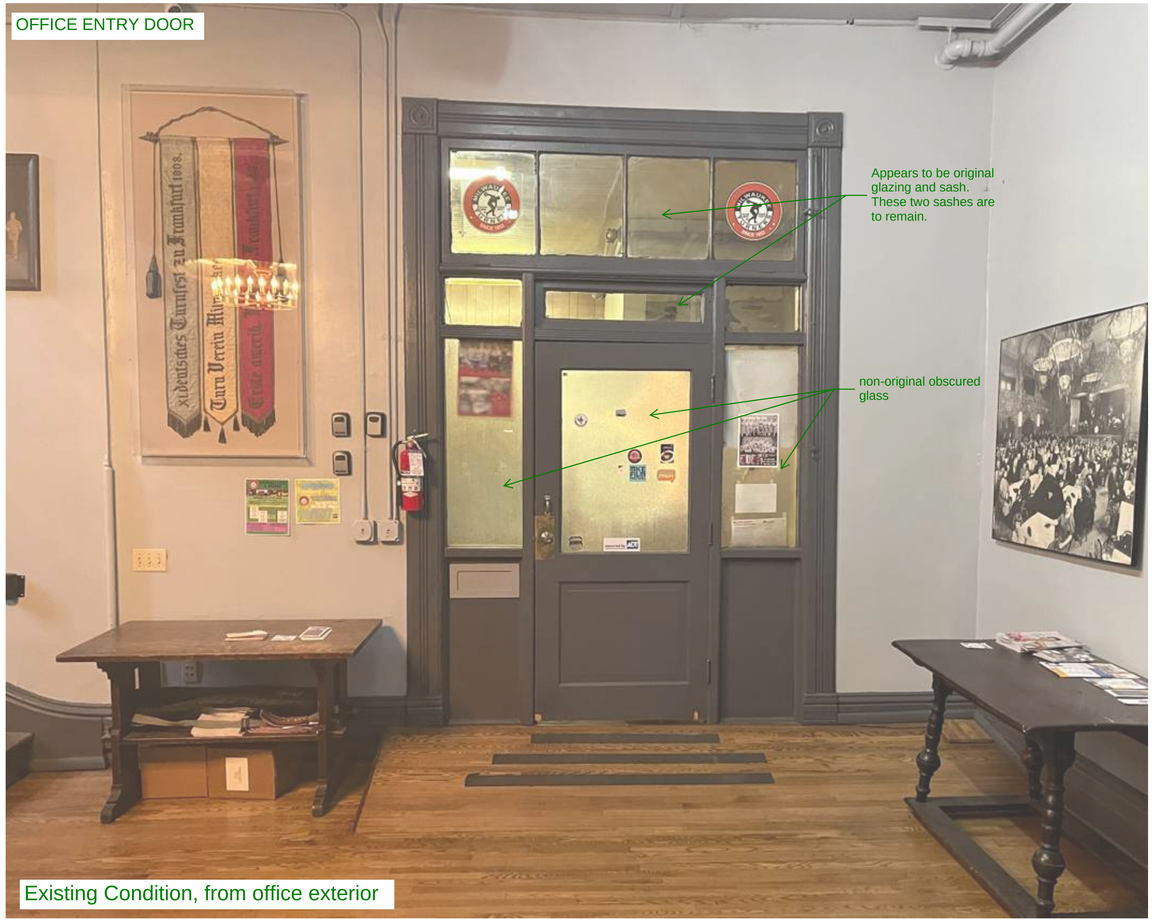

Existing Condition, from interior



Existing Condition, from interior

8 Replace Doors or Windows in Kind

Office Window

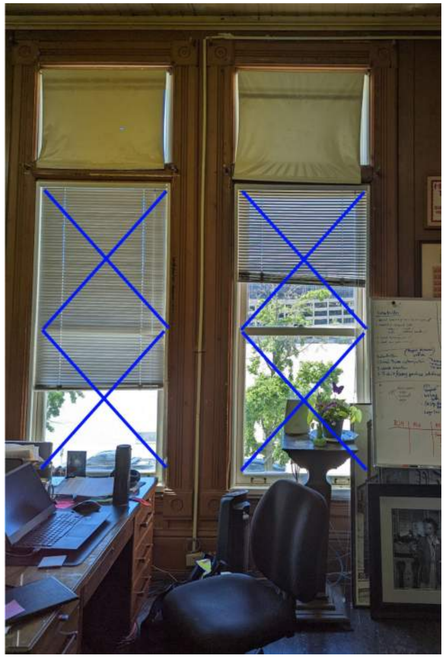


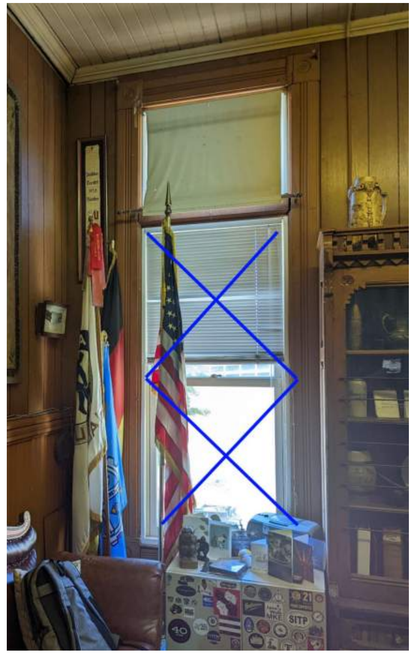
The existing Office Entry door has been significantly altered over the years. Most of the lower divisions appear to have been replaced over time, and the door is believed to be salvaged from a different location within the building.

The proposed scope of work includes replacing the door and sidelight glazing. The new glazed panels will consist of a safety glass of a similar thickness to the original glass (in the transom) and the door will match the existing configuration.

9 Replace Doors or Windows in Kind

Office Entry Door (Interior)





See Elevation Drawings for location of windows and doors that are to receive the Safety and Security Film.

Film will be applied directly to the interior surface of the existing glazing. The film is .008" (or 8 mil) thick, and will have a clear appearance.

E. Safety-and-Security Film: LLumar® SCLSRPS8 Safety-and-Security Film with the following performance characteristics when applied to the interior surface of single-pane, 1/8-inch clear glass:

% Total Solar Transmittance	81
% Total Solar Reflectance	9
% Total Solar Absorptance	10
% Visible Light Transmission	89
% Visible Light Reflection - Exterior	10
% Visible Light Reflection - Interior	10
Winter U-Value	1.07
Shading Coefficient	0.97
% Ultraviolet Ray Protection (280nm-380nm)	99
Emissivity	0.90
Solar Heat Gain Coefficient	0.84
% Total Solar Energy Rejected	16
Light-to-Solar Heat Gain Ratio	1.06
% Summer Solar Heat Reduction	2
% Winter Heat Loss Reduction	-3
% Glare Reduction	1
Thickness without Liner	0.008 inches
Film Color	Clear

Llumar Safety and Security Film Data and specifications.

7 Install Safety and Security Film

Doors & Windows - West Elevation