



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

Applicant:

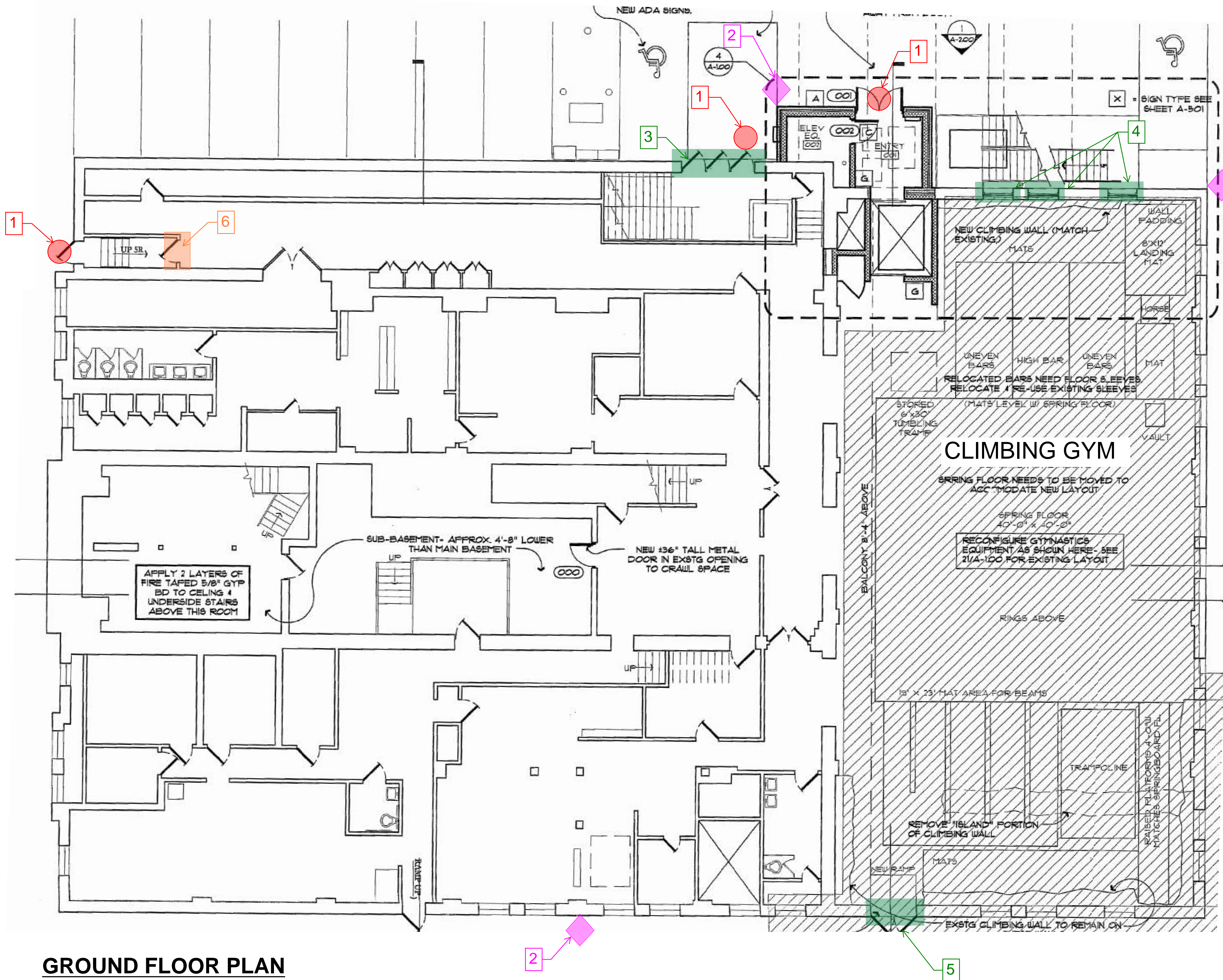
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Exhibits prepared by:

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Milwaukee, WI
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Email: j.ausloos@argcreate.com



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

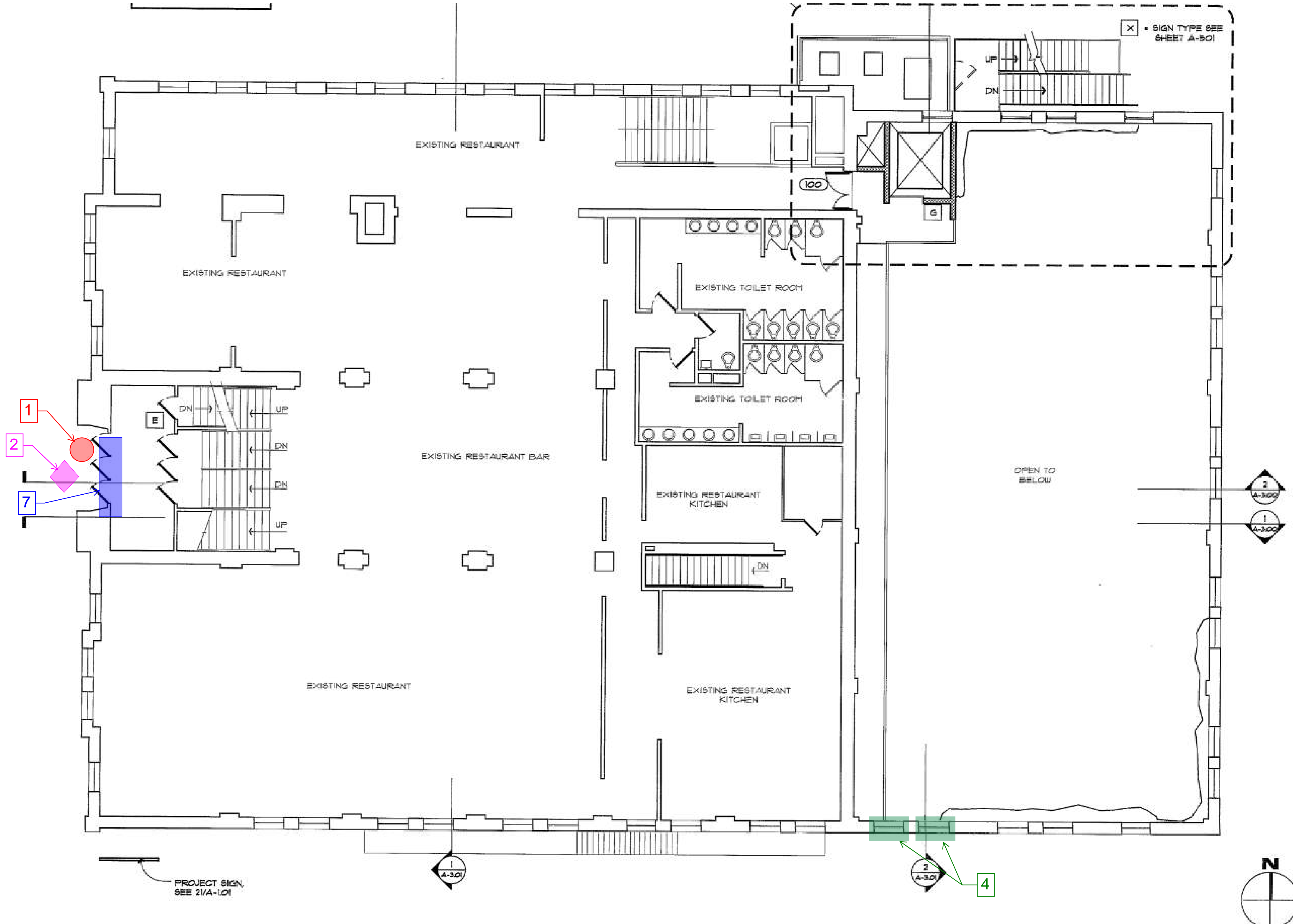
LEGEND

- 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.



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- 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.

FIRST FLOOR PLAN

N.T.S

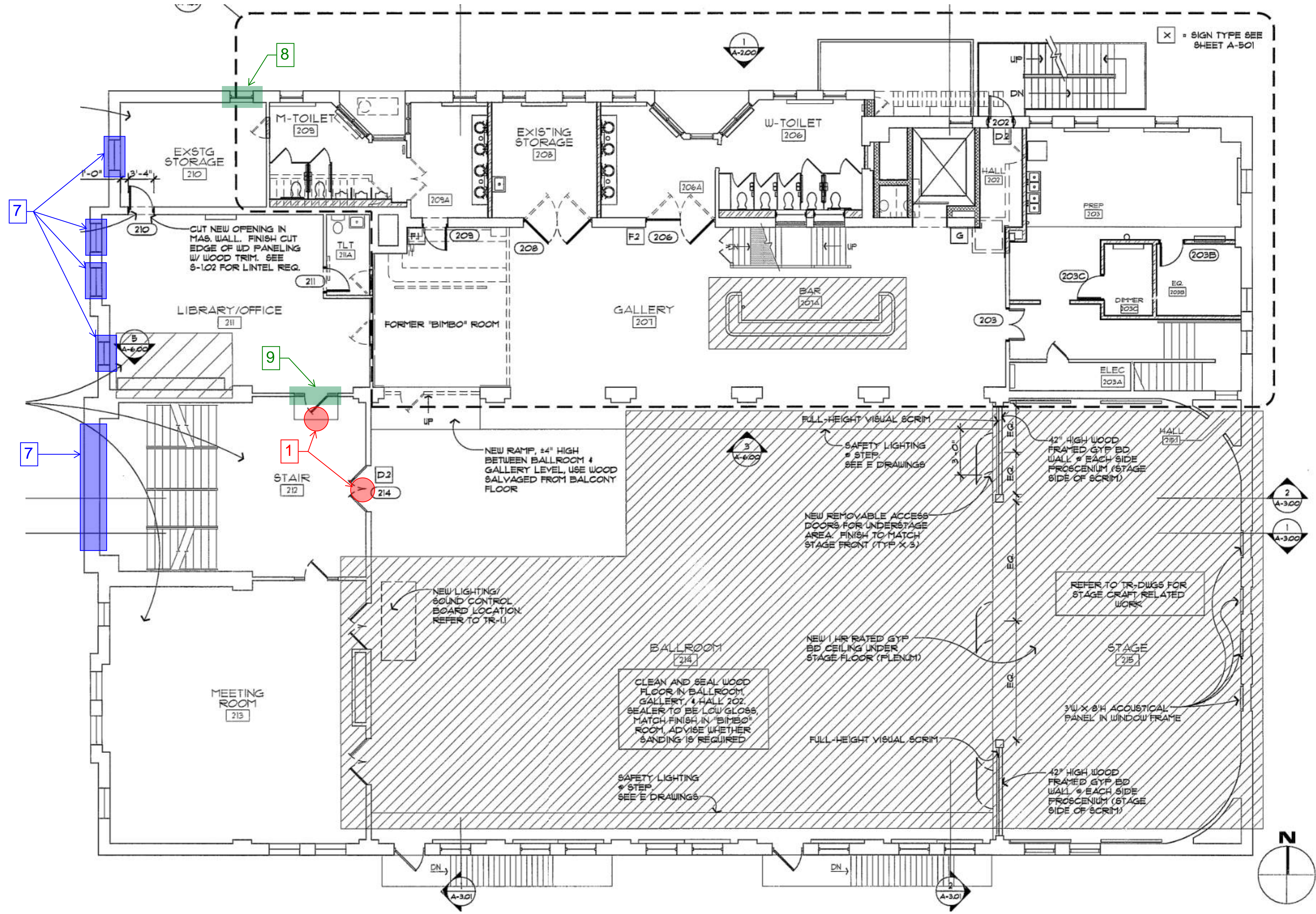
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- 7 INSTALL 8 MIL LLUMAR CLEAR SAFETY AND SECURITY WINDOW FILM AT EXISTING GLAZING. SEE ATTACHED PRODUCT SPECIFICATION.
- 8 NEW WOOD WINDOW TO MATCH EXISTING. NEW GLAZING TO BE LAMINATED SAFETY GLASS.
- 9 NEW WOOD DOOR, SIDELIGHTS AND TRANSOM TO MATCH EXISTING. EXISTING DOOR AND LIGHTS ARE NOT ORIGINAL, AND HAVE BEEN ALTERED OVER THE YEARS. NEW GLAZING TO BE LAMINATED SAFETY GLASS.

SECOND FLOOR PLAN

N.T.S

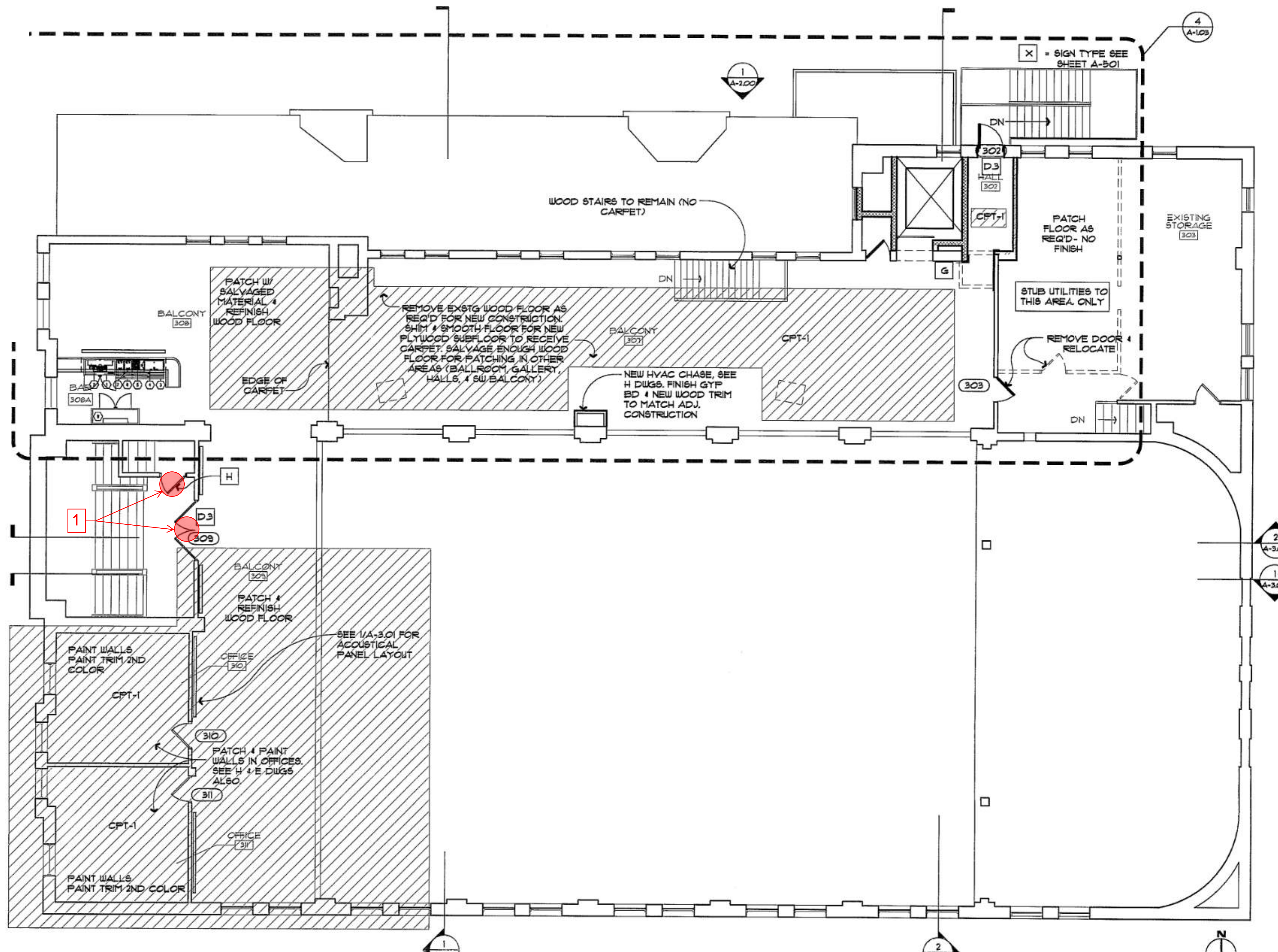
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- NEW DOOR
- ADD DIGITAL ACCESS TO DOOR HARDWARE
- NEW SECURITY CAMERA

2005 - Phase II & III Building Restoration Floor Plans

Representative of building As-Built condition

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KEYNOTES

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THIRD FLOOR PLAN

N.T.S

LEGEND

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- 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

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LEGEND

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- NEW DOOR
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West Elevation - Existing Condition

N.T.S.

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LEGEND

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North Elevation - Existing Condition

N.T.S.

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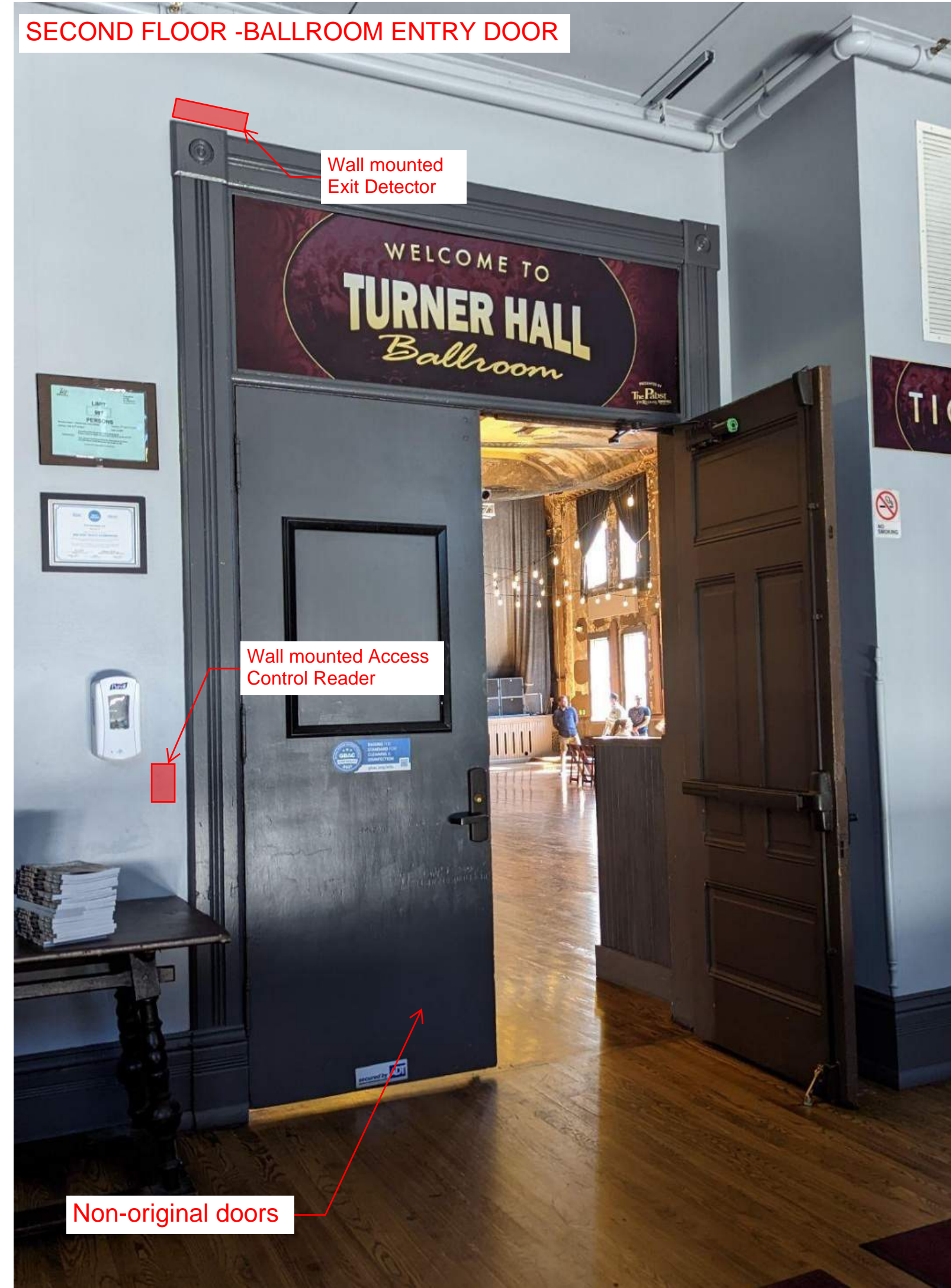


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- NEW SECURITY CAMERA

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



ACCESS CONTROL READER



EXIT DETECTOR

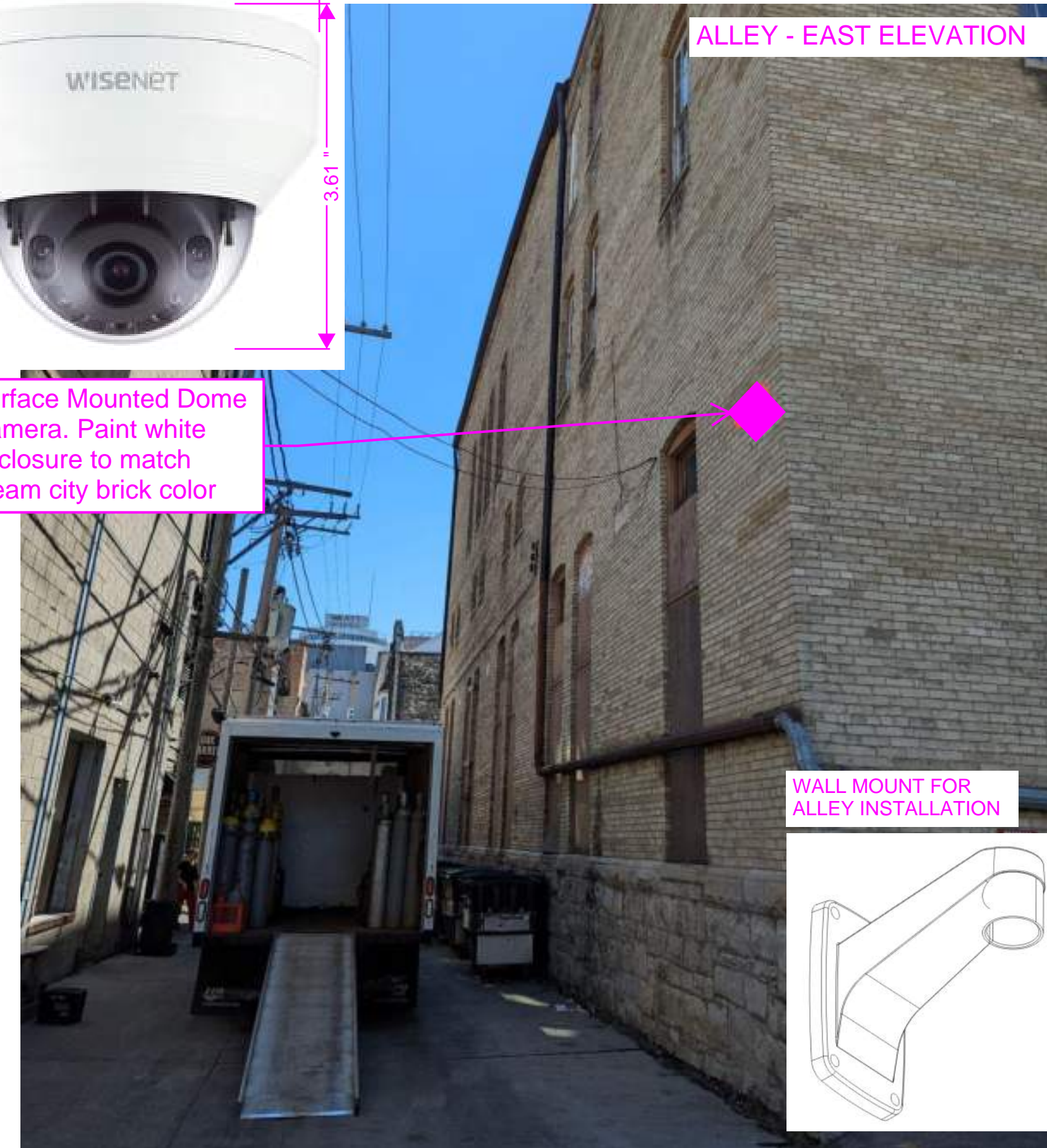
GENERAL NOTES

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

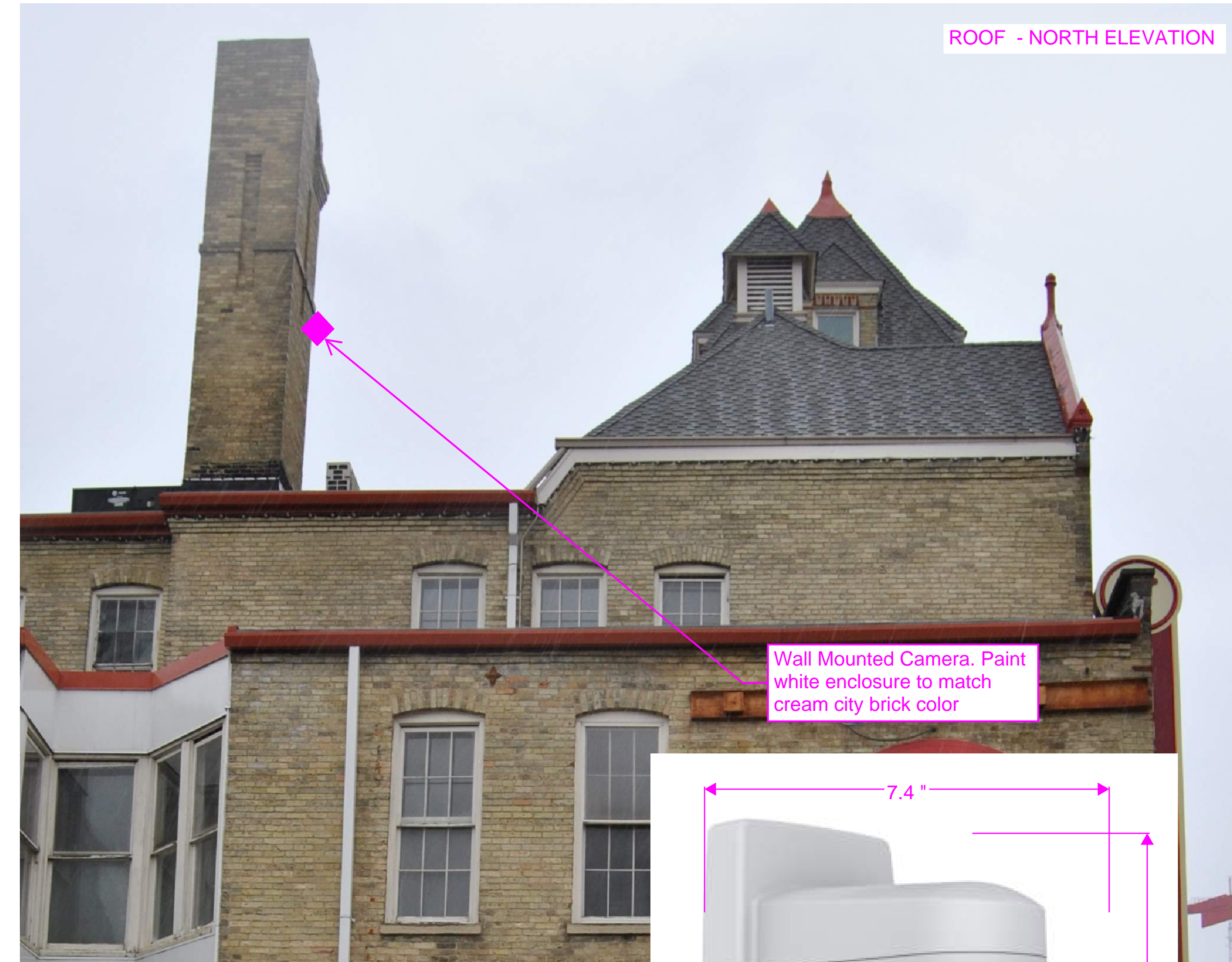


Surface Mounted Dome Camera. Paint white enclosure to match cream city brick color



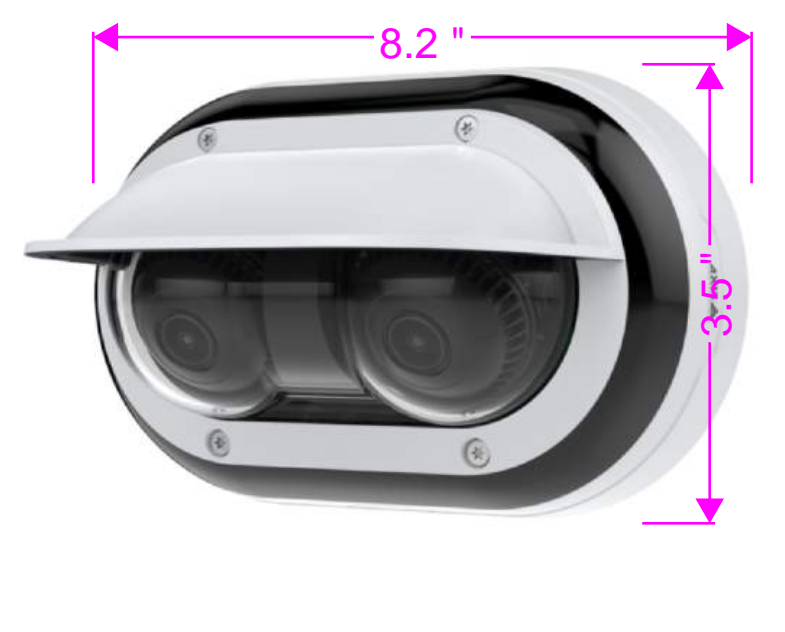
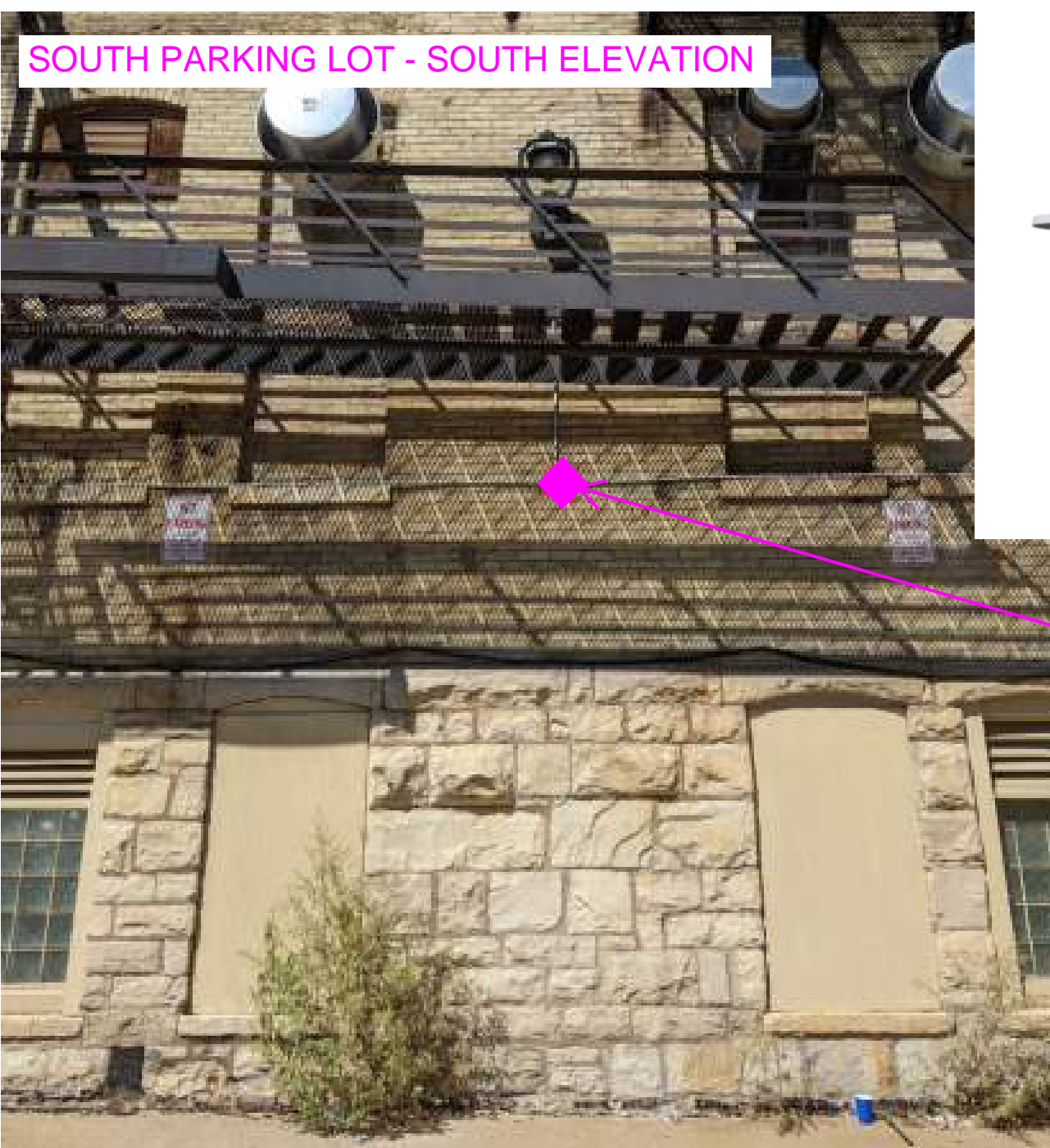
ALLEY - EAST ELEVATION

WALL MOUNT FOR ALLEY INSTALLATION



ROOF - NORTH ELEVATION

Wall Mounted 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



NORTH PARKING LOT - NORTH ELEVATION

GENERAL NOTES

1. 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.
2. Any holes required to install the cameras shall be made at mortar joints only. Holes should not be drilled into bricks.

2 Install Video Surveillance Cameras Exterior Doors

EGRESS DOORS - NORTH ELEVATION



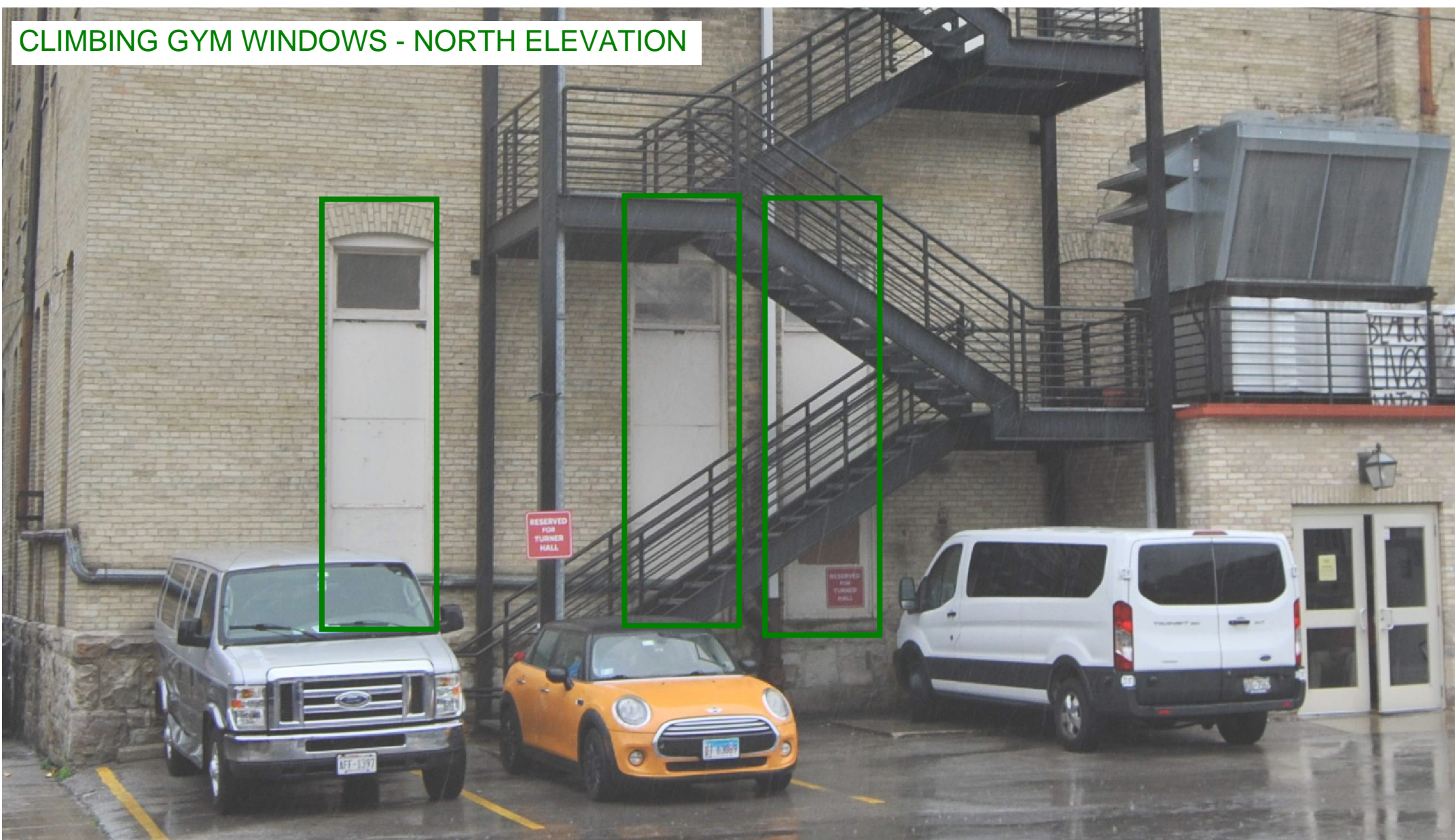
Non-original metal doors, in non-original opening to be replaced with new metal single panel doors. Doors and frames to be painted cream to match adjacent historic brick

CLIMBING GYM EGRESS DOORS - SOUTH ELEVATION



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.



Repair and restore existing wood frame

Remove wood infill panels, where occurs

Existing Condition, from exterior



Existing Condition, from interior



Existing Condition, from interior, rigid insulation panels removed

Remove and repair existing sash when feasible. If sash is too deteriorated, provide new to match existing.

Replace existing metal channel with new metal channel, to accommodate new glazing

Repair and restore existing wood frame

Replace existing glazing with new safety glass

Install new 8 Mil Safety and Security series Llummar window film.

4 Replace Doors or Windows in Kind
Climbing Gym Windows

CLIMBING GYM WINDOWS - SOUTH ELEVATION



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.

Provide new metal louver and infill panel. Paint to match window frame/sash color.

Repair and restore existing wood frame

Remove and repair existing sash when feasible. If sash is too deteriorated, provide new to match existing.

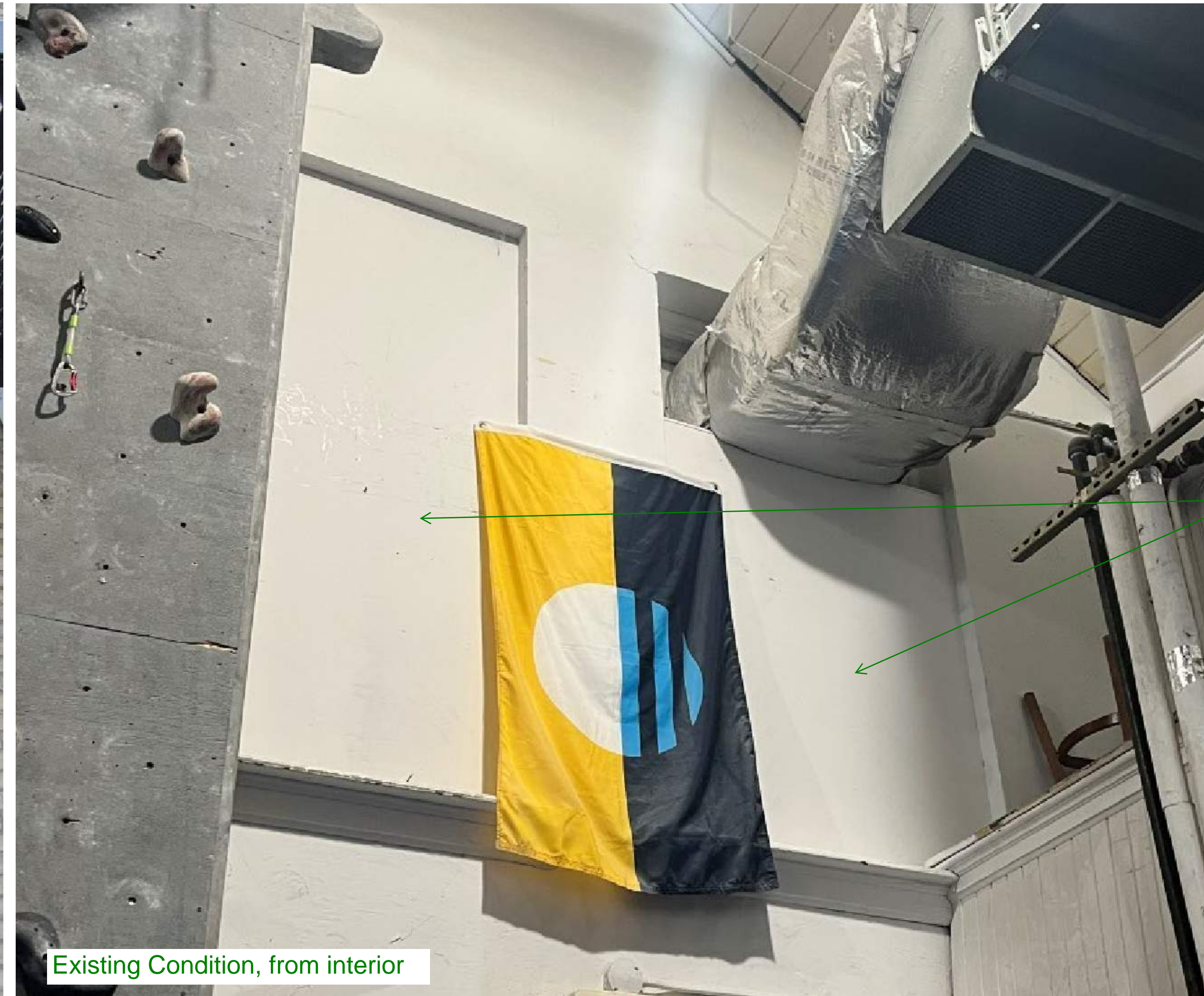
Replace existing glazing with new safety glass

Install new 8 Mil Safety and Security series Lumar window film.

Remove wood infill panels, where occurs



Existing Condition, from exterior



Remove interior protective panels

Existing Condition, from interior

4 Replace Doors or Windows in Kind Climbing Gym Windows

OFFICE WINDOW - NORTH ELEVATION

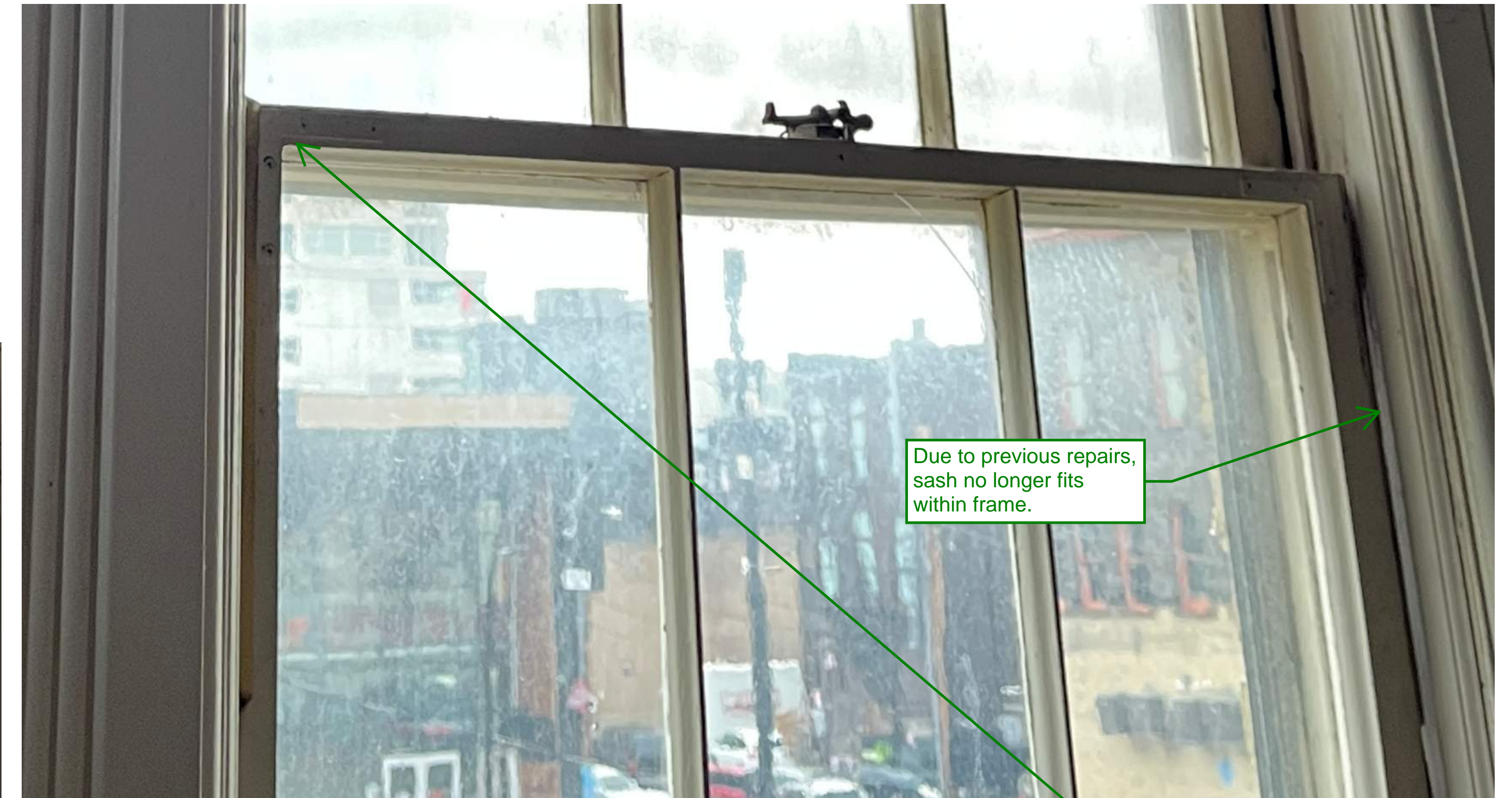


Original wood window at the Office Storage room. Wood rot and previous poor quality repairs have made it infeasible to repair this window. The previous repairs have made the window sash too small to fit in the current frame.

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 Lumar window film will be installed over the new glazing.



Existing Condition, from interior

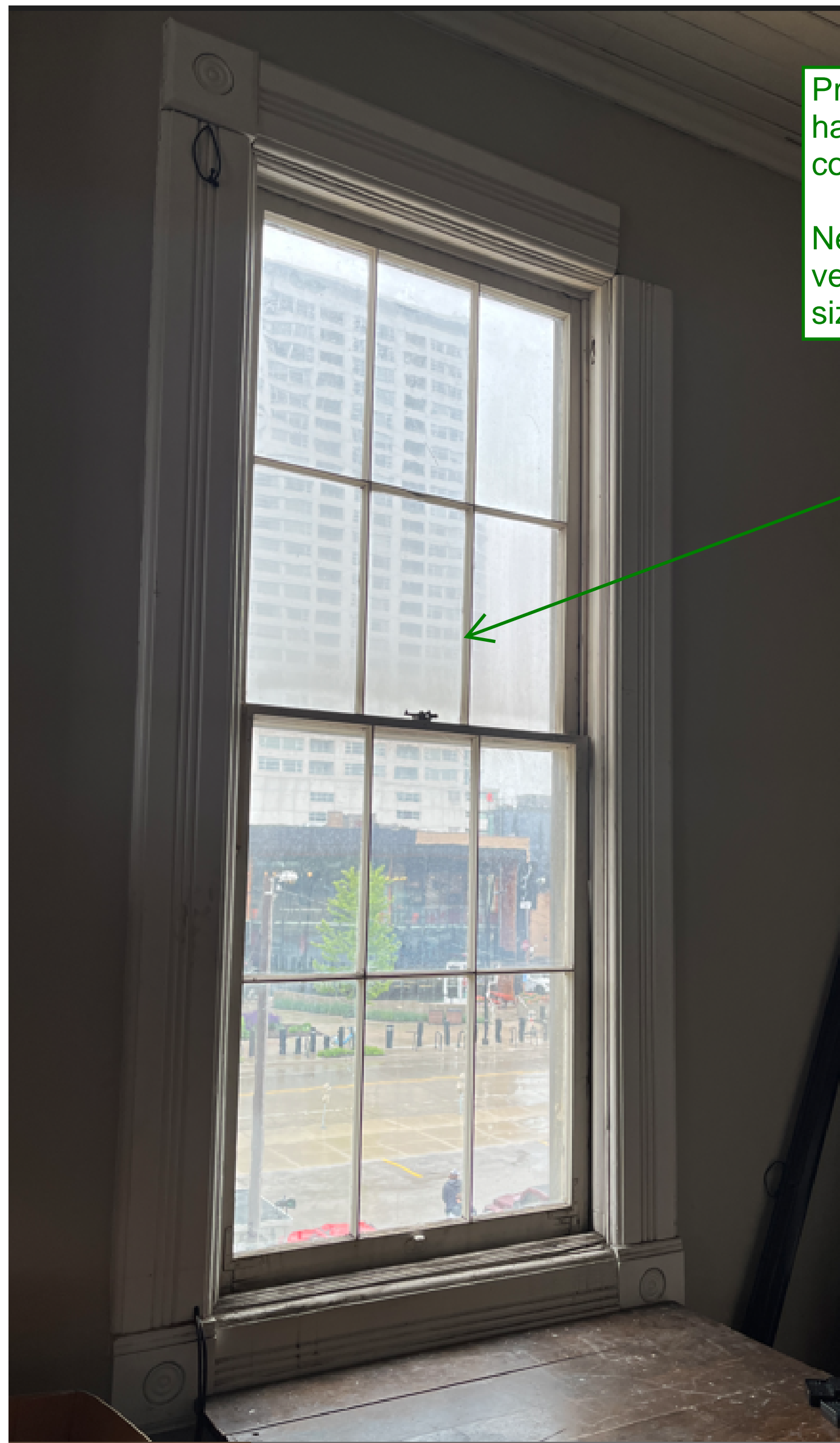


Due to previous repairs, sash no longer fits within frame.



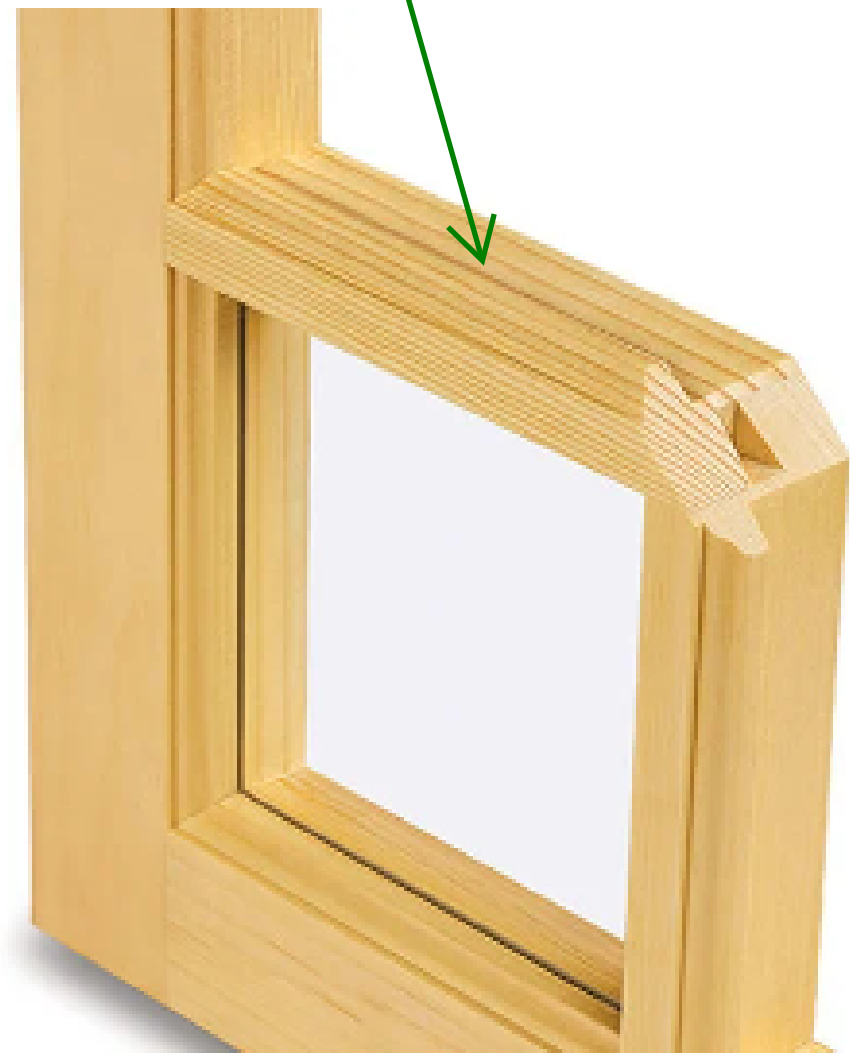
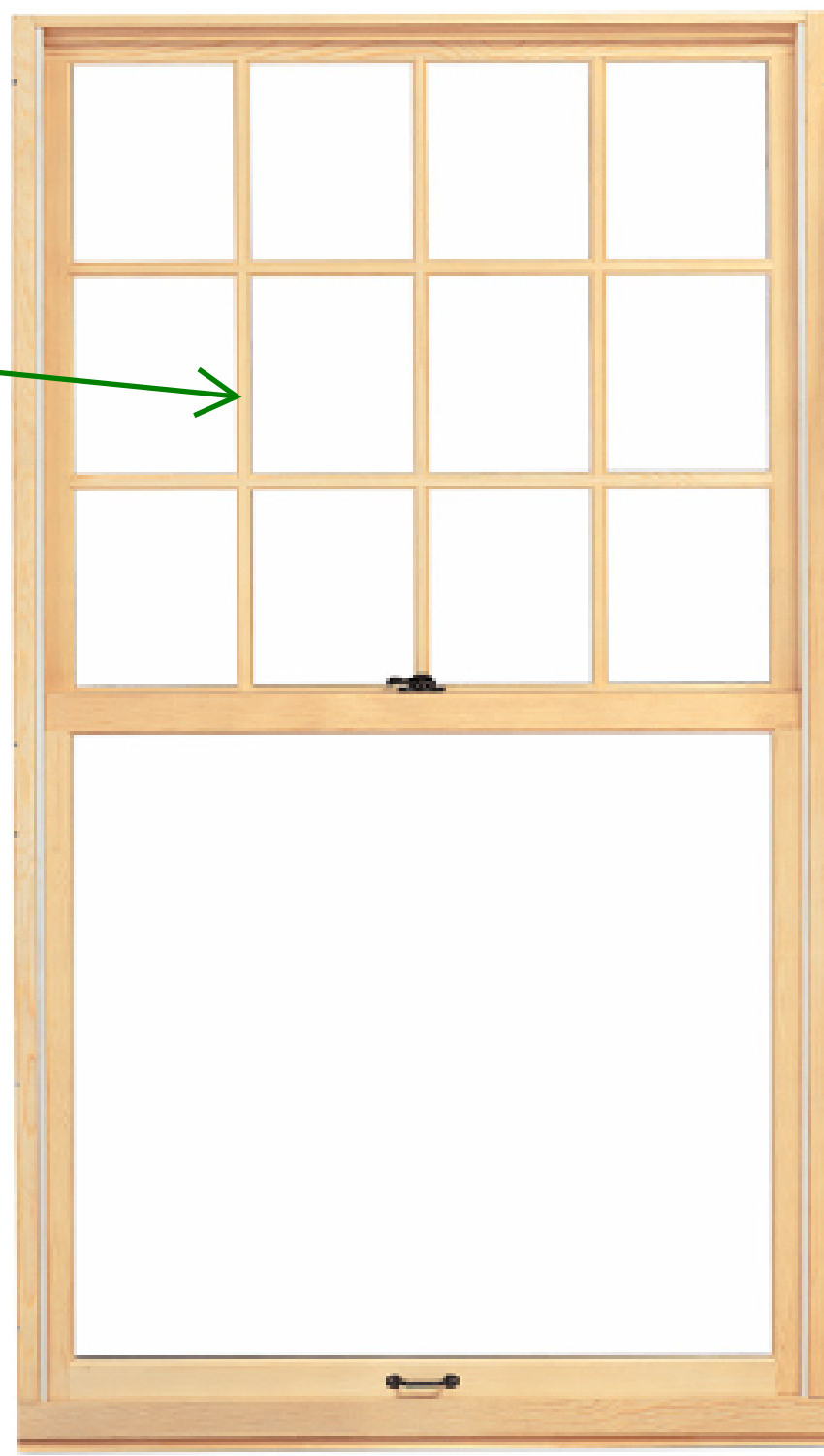
Rotted wood and previous repairs

8 Replace Doors or Windows in Kind
Office Window

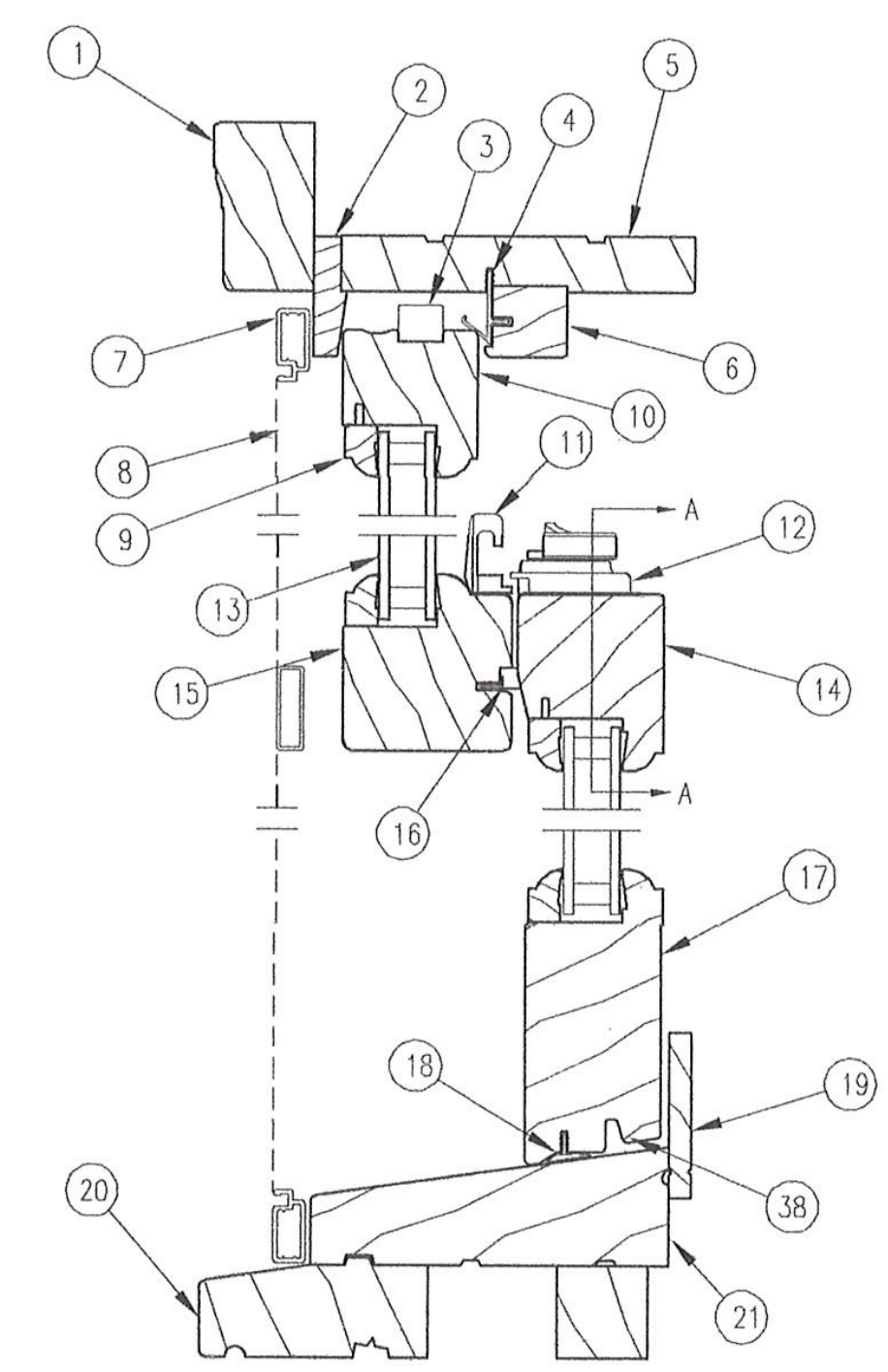


Proposed New wood window to have divided lights in same configuration as existing window.
 New window dimensions to be verified in field, to match existing size.

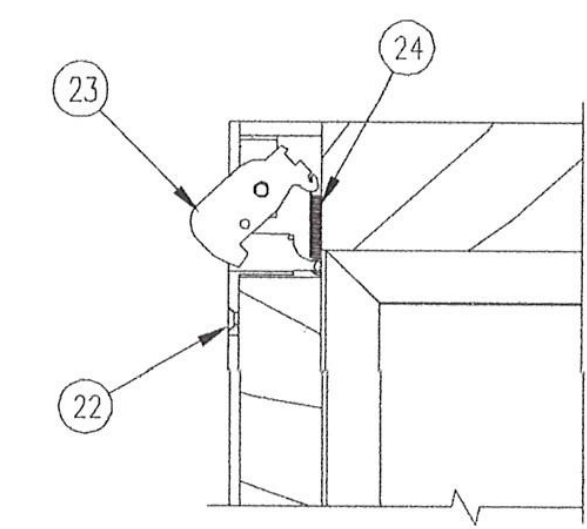
Ultimate Wood Double Hung Magnum



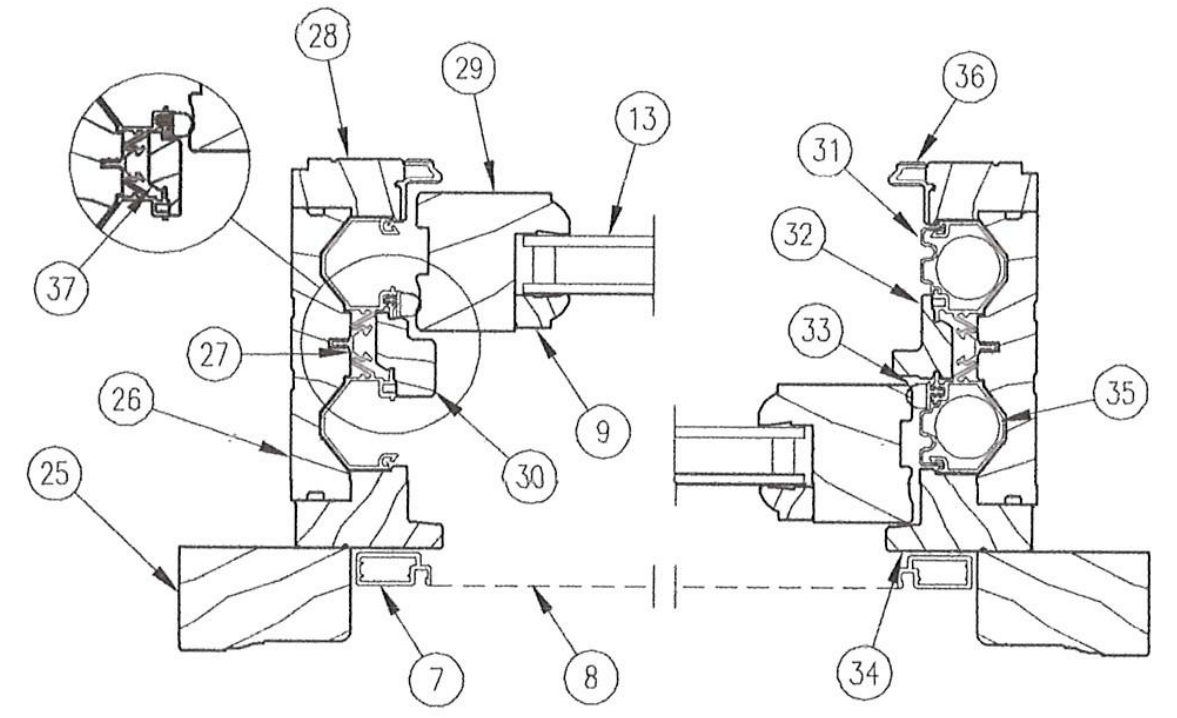
ULTIMATE WOOD DOUBLE HUNG MAGNUM



HEAD JAMB AND SILL DETAIL



1. Top Brick Mould Casing, W1047
2. Top Blind Stop
3. Tilt Latch
4. Parting Stop Weather strip, V945
5. Head Jamb
6. Parting Stop, W8883
7. Screen Frame
8. Screen Mesh
9. Glazing Bead
10. Top Rail
11. Sash Keeper
12. Sash Lock
13. Insulated Glass
14. Bottom Check Rail
15. Top Check Rail
16. Check Rail Weather strip, V031
17. Bottom Rail
18. Bottom Rail Weather strip, V147
19. Sill Liner, W8914
20. Subsill, W2134
21. Sill
22. End Plate
23. Locking Blade
24. Extension Spring
25. Side Brick Mould Casing, W1047
26. Jamb
27. Vinyl Jamb Carrier, V1375
28. Jamb Liner, W8880
29. Stile
30. Exterior Jamb Filler (Lower), W8927
31. Balance Cover
32. Interior Jamb Filler, W8878
33. Frame Weather strip, V1419
34. Jamb Blind Stop
35. Sash Balance Tube
36. Jamb Liner Stop, A1402
37. Exterior Jamb Filler (Upper)
38. Sill Bracket

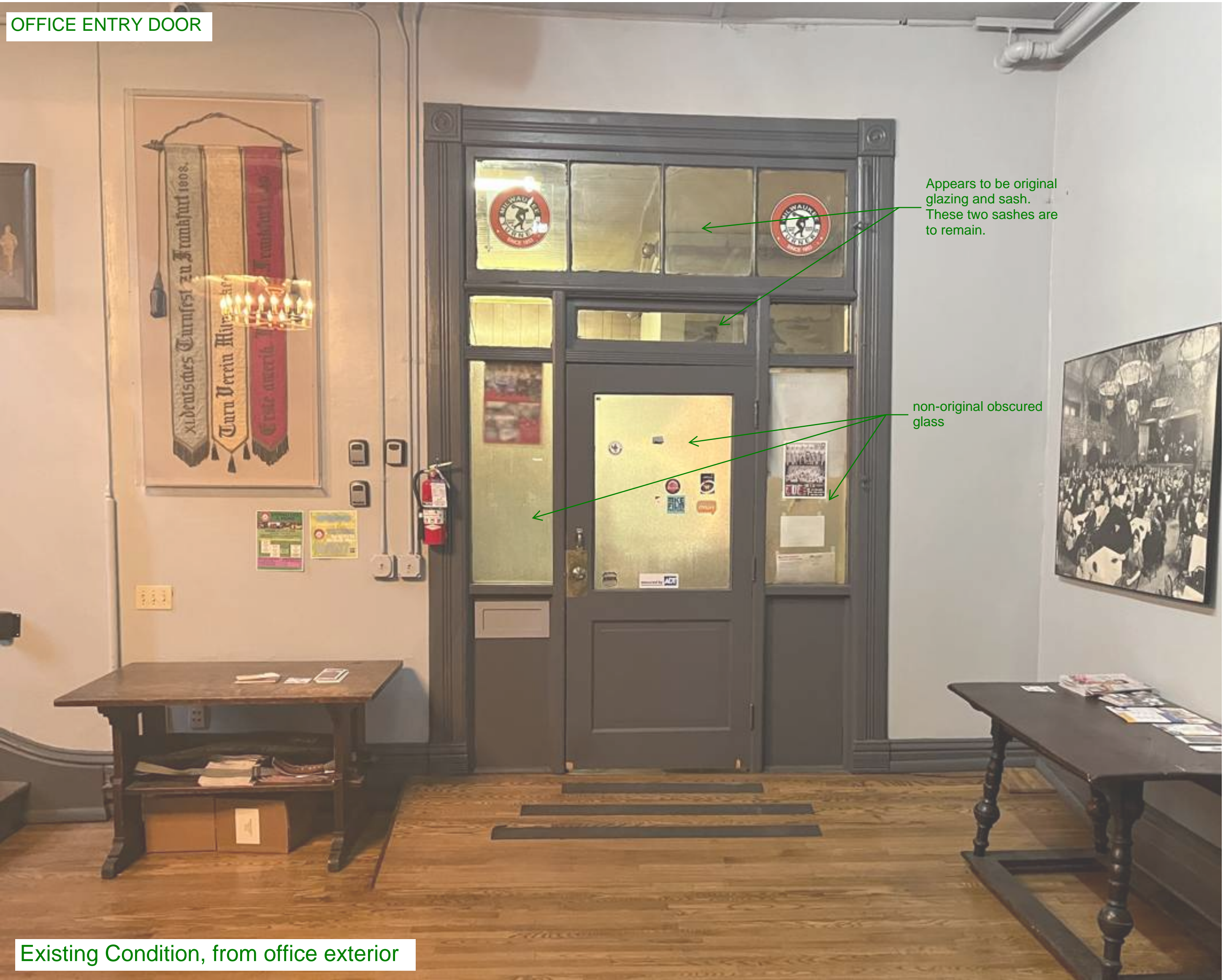


MID-LEVEL JAMB DETAIL

JAMB DETAIL

NOTE: Not to scale; specifications subject to change without notice.

OFFICE ENTRY DOOR



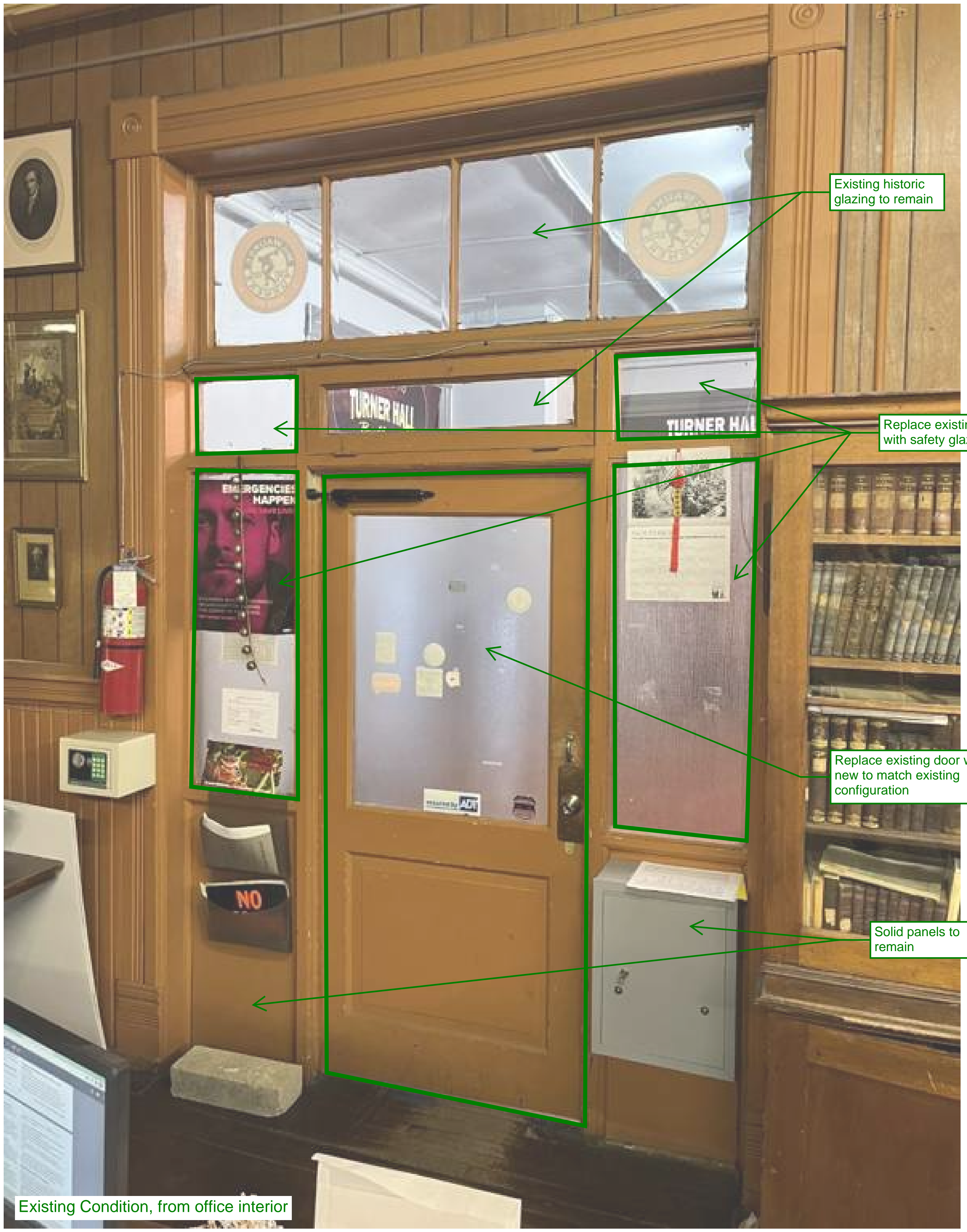
Appears to be original glazing and sash. These two sashes are to remain.

non-original obscured glass

Existing Condition, from office exterior

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.



Existing historic glazing to remain

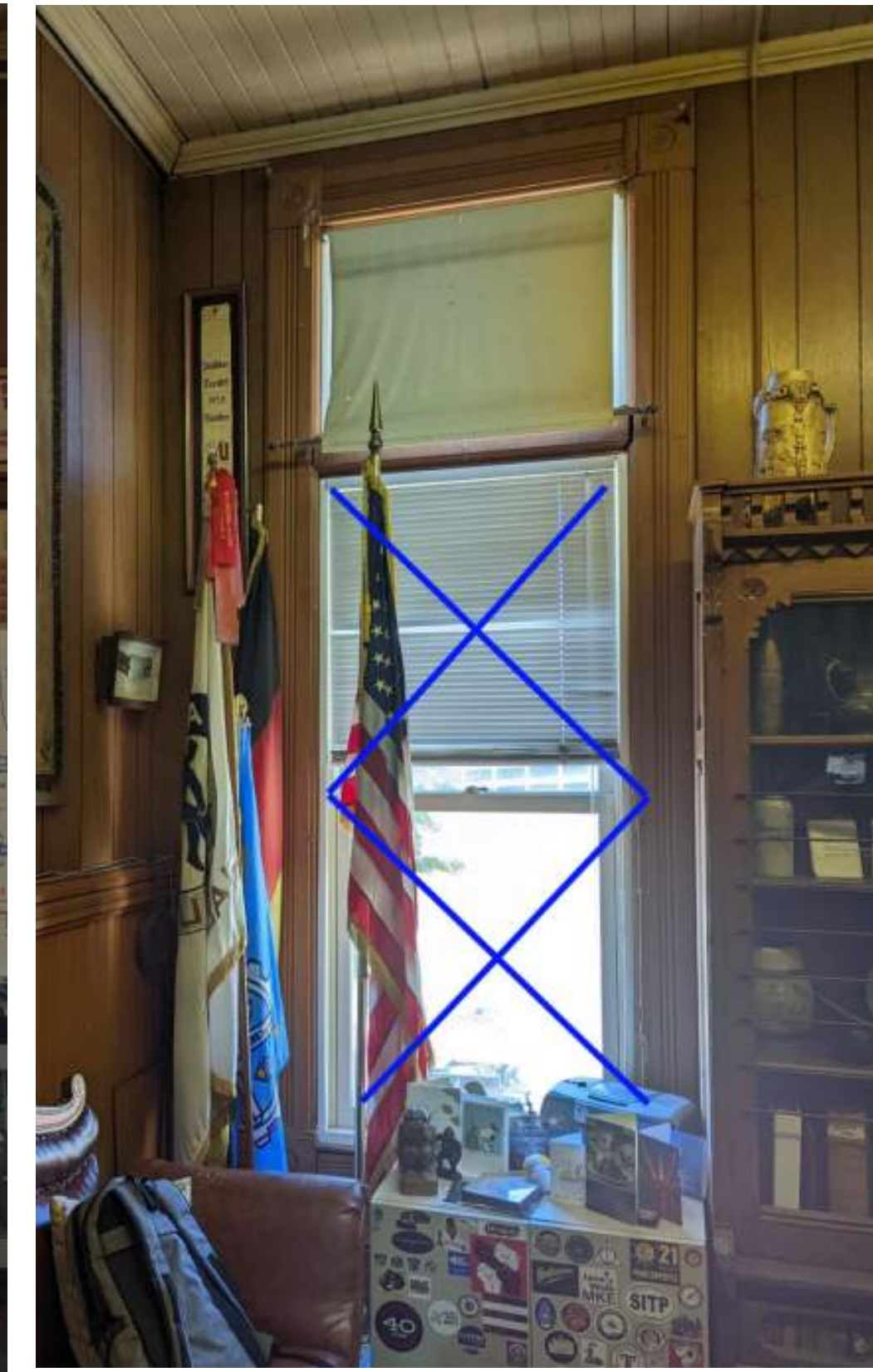
Replace existing glazing with safety glazing

Replace existing door with new to match existing configuration

Solid panels to remain

Existing Condition, from office interior

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