



HISTORIC DISTRICT COMMISSION

Tuesday, May 26, 2026 at 4:00 PM

City Hall, 2nd Floor Council Chambers

AGENDA

- 1. CALL TO ORDER.**
- 2. ROLL CALL**
- 3. CITIZEN COMMENTS.**
(3-Minute Limit)
- 4. ADOPTION OF AGENDA, MAY 26, 2026**
- 5. APPROVAL OF MINUTES.**
 - A. Minutes of March 23, 2026.
- 6. CONSIDERATION OF APPLICATIONS FOR PERMISSION**
 - A. 222-234 W Michigan Ave. Request for permission to complete proposed renovations and modifications at the former Hayes Hotel (Parcel # 1-008100000)
 - B. 214 Fourth Street (Parcel # 3-025900000) Application for permission to install replacement windows.
- 7. NEW BUSINESS.**
- 8. PLANNER'S COMMENTS**
- 9. COMMISSIONER'S COMMENTS.**

10. NEXT MEETING REMINDER JUNE 22, 2026.

11. ADJOURNMENT.

HISTORIC DISTRICT COMMISSION

Monday, March 23, 2026, at 4:00 PM

City Hall, 2nd Floor Chambers

MINUTES

1. CALL TO ORDER

The meeting was called to order at 4:00 PM by Chair Wendy Alexander

2. ROLL CALL

Present:

- Wendy Alexander (Chair)
- Steve Ansuini
- David Hammontree (Vice Chair)
- Sven Harrison

Staff:

- John O'Connor, City Planner

Absent:

- Maurice Imhoff
- Thaddaus Williams

3. CITIZEN COMMENTS

(3-Minute Limit). No citizen comments were submitted.

4. ADOPTION OF AGENDA

Motion to adopt the March 23, 2026 agenda: Hammontree, supported by Harrison. Motion passed.

5. APPROVAL OF MINUTES (January 26, 2026)

Motion to approve minutes: Ansuini, supported by Harrison.

Vote: Unanimous approval.

6. APPLICATIONS FOR PERMISSION

A. 231 E High Street – Window Replacement Application

Request: Removal of existing wood windows; installation of Renewal by Andersen windows.

Discussion Summary:

- Clarified inconsistencies in the application regarding color; all replacement windows will be white.
- Twelve windows to be replaced. Some existing openings are boarded or covered by deteriorated storm windows.
- Applicant committed to matching existing divided-light configurations and historic profiles.
- Full divided-light muntins preferred over between-glass grilles for historic accuracy.
- Exterior trim will not be wrapped; deteriorated wood will be replaced with pine and painted white.
- Sill pans and proper installation practices will be used.

Motion: Approval of the application as described in the proposal (p. 29 of packet), including:

- Full divided-light muntins where present historically
- White finish for all windows
- Replacement of all rotted wood with pine
- Installation consistent with historic preservation standards

Motion by: Hammontree. Support: Harrison

Vote: Approved unanimously

7. UNFINISHED BUSINESS

A. Ordinance Revision – Chapter 13, Section 13-9(d)

Discussion of membership eligibility clarified that proposed changes allowing non-residents to serve *cannot* be adopted due to Public Act 169, which requires members to reside within the city.

B. Community Outreach – Brochure Discussion

- Reviewed existing tri-fold brochure for historic district property owners.
- Plan to update content and convert to Word format for editing.
- Discussion of printing and potential citywide distribution, possibly including insertion with tax bills.

8. NEW BUSINESS

A. Presentation & Training – State Historic Preservation Office (SHPO)

Presenter: Haley Schriber with the State Historic Preservation Office, Certified Local Government (CLG) Coordinator. Introduction and training on preservation review and survey processes.

Topics Covered:

- Overview of CLG responsibilities, standards, and annual reporting.
- Expectations for commissioners, including familiarity with ordinances, Public Act 169, architectural styles, and Secretary of the Interior’s Standards.
- Review of design-review principles and meeting best practices.
- Discussion of incremental historic resource surveys, including completing the Michigan Architectural Properties Form.
- SHPO will coordinate an in-person survey training in a future meeting (likely summer).
- Commissioners to select a building for training; preference for a non-designated property to complete full documentation.
- Explanation of training opportunities via the Michigan Historic Preservation Network (MHPN) and scholarship opportunities for the statewide conference.

Additional Notes:

- Commissioners may complete MHPN webinars for training credit by notifying staff.
- Discussion of murals on historic buildings, paint compatibility with masonry, and the need for proper review sequencing: HDC → Arts Commission → Planning Commission.
- Review of enforcement responsibilities and ordinance penalties related to unauthorized alterations in historic districts.

9. FINAL COMMENTS (CITY PLANNER)

City Planner John O’Conner provided updates on:

- Commissioner training expectations
- Future vacancy for the Architect seat (open seat)
- Development of internal workflow documents and process flowcharts
- Need to ensure proper designation of enforcement authority for ordinance violations
- Required update to the city website to reflect correct meeting time (4 PM, not 6 PM)

10. COMMISSIONER COMMENTS

Commissioners expressed appreciation for SHPO guidance and noted the value of additional training. Discussion included potential new members, survey candidates, and ongoing ordinance review.

11. NEXT MEETING

Monday, April 27, 2026 at 4:00 PM

12. ADJOURNMENT

Motion to adjourn: Approved by Commission.
Meeting adjourned at 5:24 PM.

Historic District Commission Application for Permission

APPLICANT

Name: Scott Gibson

Address: 315 E 6th Street

City: Dayton State: OH Zip: 45402

Phone: (918)260-9395 Email: scott@colliergibson.com

PROPERTY INFORMATION Same as applicant

Owner Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (_____) _____ Email: _____

CONTRACTOR INFORMATION N/A

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (_____) _____ Email: _____

ARCHITECT INFORMATION N/A

Name: Michael D Knisely

Address: 602 E Logan St

City: Tecumseh State: MI Zip: 49286

Phone: (918) 260-9395 Email: _____

DESCRIPTION OF CHANGES

Detailed Description

Provide a detailed description of the work you plan to complete on the next page. After review, the HDC shall make a determination as to whether the proposed change is compatible with the existing structure.

Categories to be considered shall include form, proportion, configuration, building materials, texture, color, location on the site and landscaping. Add brand names where appropriate.

Special Considerations

Porches

- Details such as brackets, balustrades, columns, tiles, roof decorations and railings must be retained.
- Railing shall be constructed of appropriate material complimentary to the design of the porch.
- Repair decking with like material.
- Repair columns with like material.

Windows and Doors

- Introducing or changing the location or size of existing windows, doors and other openings that alter the architectural and historical character of the building shall not be permitted.
- Decorative windows such as Palladian, oriels, bays, Gothic arch, or segmented tops shall not be removed or altered.

**Historic District Commission
Application for Permission**

SUPPORTING MATERIALS

These supporting materials comprise key components of the application and must be submitted prior to evaluation of your application by the Historic District Commission. Please submit these materials along with your application.

- Site plan and building elevations of proposed alteration(s)
- Current photos of each side of the building, including areas with proposed alteration(s)
- Detailed sketch of renovations/repairs applicant intends to perform on the structure
- Catalog or specification sheets clearly indicating selection of materials and products

Anticipated Date of Completion: Q4 2027

Cost of Alteration: \$32.6 Million

FIRE SAFETY

Does this building contain a fire suppression system? If so, what type? Examples of a fire suppression system are fire alarm systems and smoke alarms. This question is required by state legislation, which requires that applicants must certify that a fire suppression system is present or will be installed before the completion date of the project.

Is there an existing a fire suppression system? Yes No
Partial

If yes, check all that apply:

Fire Alarm Smoke Detector Sprinkler System Other

A partial sprinkler system currently exists within the building. I certify that a new fire alarm, smoke detection, and full sprinkler system shall be installed as required by Michigan building and fire codes prior to completion of the project.

If no, please certify a fire alarm system or smoke alarm will be installed prior to date of completion:

I certify I will install a fire suppression system prior to date of completion.

I hereby acknowledge that this information is complete and accurate; that the work will be performed and completed as approved by the City of Jackson Historic District Commission.



Applicant Signature

4/30/2026

Date

*Owners Signature
(if different than applicant)*

Date

PLEASE READ PRIOR TO FILLING OUT APPLICATION

Failure to submit a completed application with all required pictures and construction documents will significantly delay or prevent application approval.

Submit your completed application to the Historic District Commission (HDC) by:

- Emailing your application to aeast@cityofjackson.org
- Submitting your application to the HDC in c/o Mr. Adam East, the Dept. of Neighborhood & Economic Operations, 3rd floor of City Hall

Applications are due 11 days prior to the next regularly scheduled meeting. HDC Meetings generally take place the 3rd Monday of each month at 6 PM on the 2nd Floor City Hall Council Chambers.

Your application will not be processed until all the required information has been received.

If your property is a local, historically designated property, you may not obtain Building Permits for exterior work until the HDC has reviewed your Application for Permission and issued a Certificate of Appropriateness by approving the Application.

The HDC utilizes the Secretary for Interior Standards for Rehabilitation as part of its evaluation process available at <http://www.nps.gov/tps/standards/rehabilitation.htm>

See website for example of filled out application.

APPLICANT CONTACT INFORMATION

First Name: [Scott](#)

Last Name: [Gibson](#)

Daytime Phone: [\(918\) 260-9395](#)

Night Time Phone: [\(918\) 260-9395](#)

Email Address: scott@colliergibson.com

Mailing Address: [315 E 6th Street](#)

City: [Dayton](#)

State: [Ohio](#)

Zip: [45402](#)

PROPERTY INFORMATION

Address: [226-234 West Michigan Avenue](#)

City: [Jackson](#)

State: [Michigan](#)

Zip: [49201](#)

Owner Name: [228 Michigan Avenue, LLC](#)

Contractor Name (If the project does not have a contractor, please put "N/A"):

[N/A](#)

Architect Name (If the project does not have a architect, please put "N/A"):

[Distyle Design Architects, P.C.](#)
[Michael D. Knisely, Principal](#)
mknisely@distyledesign.com
[602 E. Logan St.](#)
[Tecumseh, Michigan 49286](#)
[\(763\) 231-1974](#)

DESCRIPTION OF CHANGES

Detailed Description:

Provide a detailed description of the work you plan to complete on the next page. After review, the HDC shall make a determination as to whether the proposed change is compatible with the existing structure.

Categories to be considered shall include form, proportion, configuration, building materials, texture, color, location on the site and landscaping. Add brand names where appropriate.

Special Considerations:

Porches

Details such as brackets, balustrades, columns, tiles, roof decorations and railings must be retained.

Railing shall be constructed of appropriate material complimentary to the design of the porch.

Repair decking with like material.

Repair columns with like material.

Windows and Doors

Introducing or changing the location or size of existing windows, doors and other openings that alter the architectural and historical character of the building shall not be permitted.

Decorative windows such as Palladian, oriels, bays, Gothic arch, or segmented tops shall not be removed or altered.

Whenever possible, repairing and retaining original windows and doors is preferable. If you are not repairing your windows, please be prepared to explain your rational to the HDC.

Replacement windows shall duplicate the appearance of the existing original windows in design, size, proportion, reflective qualities and profiles including the profile of sash rails, stiles, and nullions and muntins.

New Construction

After review, the HDC shall determine whether a proposed structure is compatible with other structures in the district. Categories to be considered shall include form, proportion, mass, configuration, building materials, texture, color, location on the site and landscaping.

PLEASE USE THE NEXT PAGE TO DETAIL YOUR DESCRIPTION OF CHANGES.

DESCRIPTION OF CHANGES:

In the proposed rehabilitation, the exterior masonry and terra cotta trim and decorations will be cleaned, repaired as needed, and spot repointed. The exterior will be cleaned in accordance with the National Park Service Preservation Brief #1: Assessing Cleaning and Water-Repellent Treatments for Historic Masonry Buildings. The brick will be spot repointed in accordance with Preservation Brief #2: Repointing Mortar Joints in Historic Masonry Buildings. It is anticipated that spot repointing will be undertaken in limited areas. The new mortar will match the color, texture, strength, joint width, and joint profile of the existing historic masonry. Repairs to the exterior will be done with in-kind materials to match the existing. Additionally, the granite base where extant at the exterior of the building, will be patched and repaired as needed.

- North Elevation
- Remove, restore, and reinstall the fire escape on the north face of the building. New guard railings will be installed where required by code.
- Extend the existing freight elevator shaft on the north side of the building to provide gurney-sized elevator access to all building floors. The shaft wall extension is proposed to consist of a compatible brown colored contemporary flat metal exterior panel exterior which will clearly distinguish this feature from the original building.
- Install new double-leaf doors at the north lobby resident entrance.
- The existing additions located at the east and west ends of the north elevation will be retained and will be painted with a vapor-permeable coating to match one of the historic building's blended brick colors.
- A new refuse enclosure and mechanical equipment yard is proposed at the north end of the existing west addition. Walls will be constructed of a modern ground-face or burnished concrete block material with integral color to match one of the historic building's blended brick colors.
- Windows at upper floors will be removed and replaced in-kind with new aluminum-clad wood windows in historic configuration and simulated divided lites in neutral grey color to complement brick mortar joints which comprises approximately 20% of the brick façade.
- South Elevation
- Remove existing storefronts and boarded up transoms, and install new aluminum storefront and glazing to it's historic configuration.
- Relocate the easternmost entry door off Michigan Avenue to its historic location, eliminating the need for a non-accessible sloped floor.
- Windows at upper floors will be removed and replaced in-kind with new aluminum-clad wood windows in historic configuration and simulated divided lites in neutral grey color to complement brick mortar joints which comprises approximately 20% of the brick façade.
- Install new historically compatible canopy and awnings above the main entrance and storefronts similar to those in the historic image below:



Historic image of the Hayes Hotel. Note original canopy at primary elevation with building name, image c.1950
 The canopy will be installed in the same location as the historic with struts connecting to existing cast iron rosettes:

- East Elevation
- Remove boarded up storefront openings and replace with aluminum storefront and glazing to their historic configuration. Install new historically appropriate awnings above these storefronts. The existing granite bulkheads will be retained and repaired.
- Remove the modern aluminum overhead door at the center of the elevation and replace with historically compatible aluminum-framed glazed double-leaf door and transom to serve the interior restored lobby. The existing terra cotta surround will be retained.
- Remove the deteriorated multi-light double leaf door and transom restaurant entrance and replace with a new double-leaf glazed multi-light aluminum-clad wood door with transom to match the historic configuration.
- Remove street-level windows to the north
- Windows at upper floors will be removed and replaced in-kind with new aluminum-clad wood windows in historic configuration and simulated divided lites in neutral grey color to complement brick mortar joints which comprises approximately 20% of the brick façade.
-
- West Elevation
- Replace the non-historic egress door (from the Ballroom) with a painted, paneled door and a glass transom above.
- Rebuild the stair/stoop and replace railing serving the Ballroom exit door.
- Replace the roof access door on the 4th floor.
- Windows at upper floors will be removed and replaced in-kind with new aluminum-clad wood windows in historic configuration and simulated divided lites in neutral grey color to complement brick mortar joints which comprises approximately 20% of the brick façade.

ADDITIONAL DOCUMENTATION:

- Construction Drawings
- Window Survey (From the NPS Part 2 Historic Tax Credit Application)
- Proposed Marvin Window Window Package

Supporting Materials:

These supporting materials comprise key components of the application and must be submitted prior to evaluation of your application by the Historic District Commission. Please submit these materials along with your application.

- Site plan and building elevations of proposed alteration(s)
- Current photos of each side of the building, including areas with proposed alteration(s)
- Detailed sketch of renovations/repairs applicant intends to perform on the structure
- Catalog or specification sheets clearly indicating selection of materials and products

Anticipated Date of Completion:

Q4 2027

Cost of Alteration:

Estimated cost \$32.6 Million

FIRE SAFETY

Does this building contain a fire suppression system? If so, what type? Examples of a fire suppression system are fire alarm systems and smoke alarms. This question is required by state legislation, which requires that applicants must certify that a fire suppression system is present or will be installed before the completion date of the project.

Does your building include a fire suppression system? Check all that apply:

- Fire Alarm
- Sprinkler System
- None
- Smoke Detector
- Other

Please certify that you will install a fire alarm system or smoke alarm, if not already present, for this project prior to anticipated date of completion:

- I have a fire suppression system
- I certify I will install a fire suppression system

A partial sprinkler system currently exists within the building. I certify that a new fire alarm, smoke detection, and full sprinkler system shall be installed as required by Michigan building and fire codes prior to completion of the project.



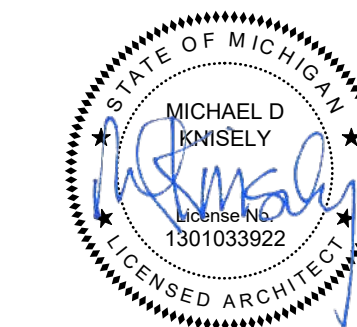
**DISTYLE
DESIGN
ARCHITECTS**

620 Mendelssohn Ave. N, Suite 118
Minneapolis, Minnesota
[763] 591.0996

**HAYES HOTEL
HDC APPLICATION**

228 W. Michigan Avenue
Jackson, Michigan 49201

NOT FOR CONSTRUCTION



| No. | Description | Date |
|-----------|-------------|-----------|
| Approvals | | 4/28/2026 |

DRAWING TITLE

**EAST EXTERIOR
ELEVATION**

| DRAWING INFORMATION | |
|-----------------------|-----------|
| PROJECT NO: | 25.82.01 |
| DRAWN BY: | JPC |
| CHECKED BY: | MDK |
| CAD/BIM PUBLISH DATE: | 4/30/2026 |

A502

| FACADE RESTORATION KEY | |
|------------------------|---|
| | NO WORK |
| | AREAS OF BRICK AND MORTAR DEGRADATION |
| | AREAS OF STAINING OR PAINTING |
| | DAMAGED TERRACOTTA DETAILS |
| | AREAS OF CONCRETE DEGRADATION OR SPALLING |

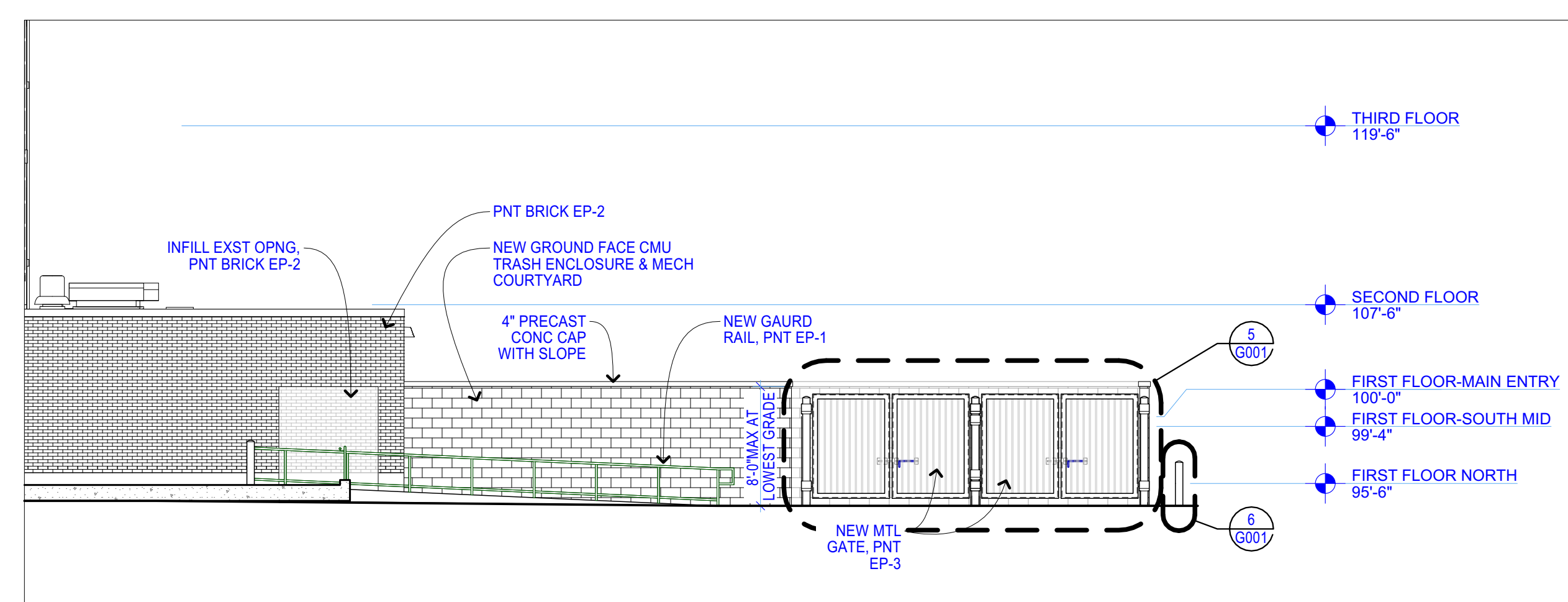
| EXTERIOR ELEVATION KEY | |
|------------------------|---|
| | EXST BRICK, PNT |
| | MTL PANEL 1 PRODUCT: CENTRIA VERSAWALL H+ 2" PANEL SIZE: 36"x6'6" |
| | NEW CMU |

| |
|--|
| EP-1: SERWIN WILLIAMS, SW2735 ROCKWEED |
| EP-2: SERWIN WILLIAMS, SW7598 SIERRA REDWOOD |
| EP-3: SERWIN WILLIAMS, SW7511 BUNGALOW BEIGE |
| SG: SPANDREL GLASS, COLOR: MATCH WINDOW FRAMES |

| EXTERIOR FINISH KEY | |
|---------------------|--|
| | APPLICATION: METAL PANELS PRODUCT: CENTRIA VERSAWALL H+ 2" PANEL SIZE: 36"x6'6" FINISH: SMOOTH, FLAT COLOR: SIENNA |
| | APPLICATION: NEW AND EXISTING RAILINGS FINISH: FLAT COLOR: SW2735 ROCKWEED (EP-1) |
| | APPLICATION: EXISTING BRICK PAINT, FIRE ESCAPE PRODUCT: SW LOXON XP WATERPROOFING MASONRY COATING, PAINT FINISH: FLAT COLOR: SW7598 SIERRA REDWOOD (EP-2) |
| | APPLICATION: REFUSE AND MECH COURTYARD GATE FINISH: FLAT COLOR: SW7511 BUNGALOW BEIGE (EP-3) |
| | APPLICATION: NEW CMU SCREEN WALLS PRODUCT: FENYI GROUND FACE ARCHITECTURAL CMU FINISH: BURNISHED COLOR: #430 E |
| | APPLICATION: NEW WINDOWS PRODUCT: MARVIN AL-GLAD WD WINDOWS FINISH: SMOOTH, FLAT COLOR: PEBBLE GRAY |
| | APPLICATION: NEW STOREFRONTS PRODUCT: FACE-GLAZED AL FRAMES & BUTT GLAZED INSUL GLASS FINISH: SMOOTH, FLAT HIGH PERFORMANCE THERMOPLASTIC FLUOROPOLYMER COLOR: MATCH MARVIN WINDOWS PEBBLE GRAY |



19 EAST EXTERIOR ELEVATION
A502 SCALE: 1/8" = 1'-0"



27 REFUSE AND MECH COURTYARD EAST EXTERIOR ELEVATION
A502 SCALE: 1/8" = 1'-0"



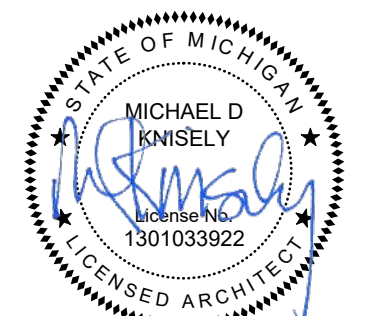
**DISTYLE
DESIGN
ARCHITECTS**

620 Mendelssohn Ave. N, Suite 118
Minneapolis, Minnesota
[763] 591.0996

**HAYES HOTEL
HDC APPLICATION**

228 W. Michigan Avenue
Jackson, Michigan 49201

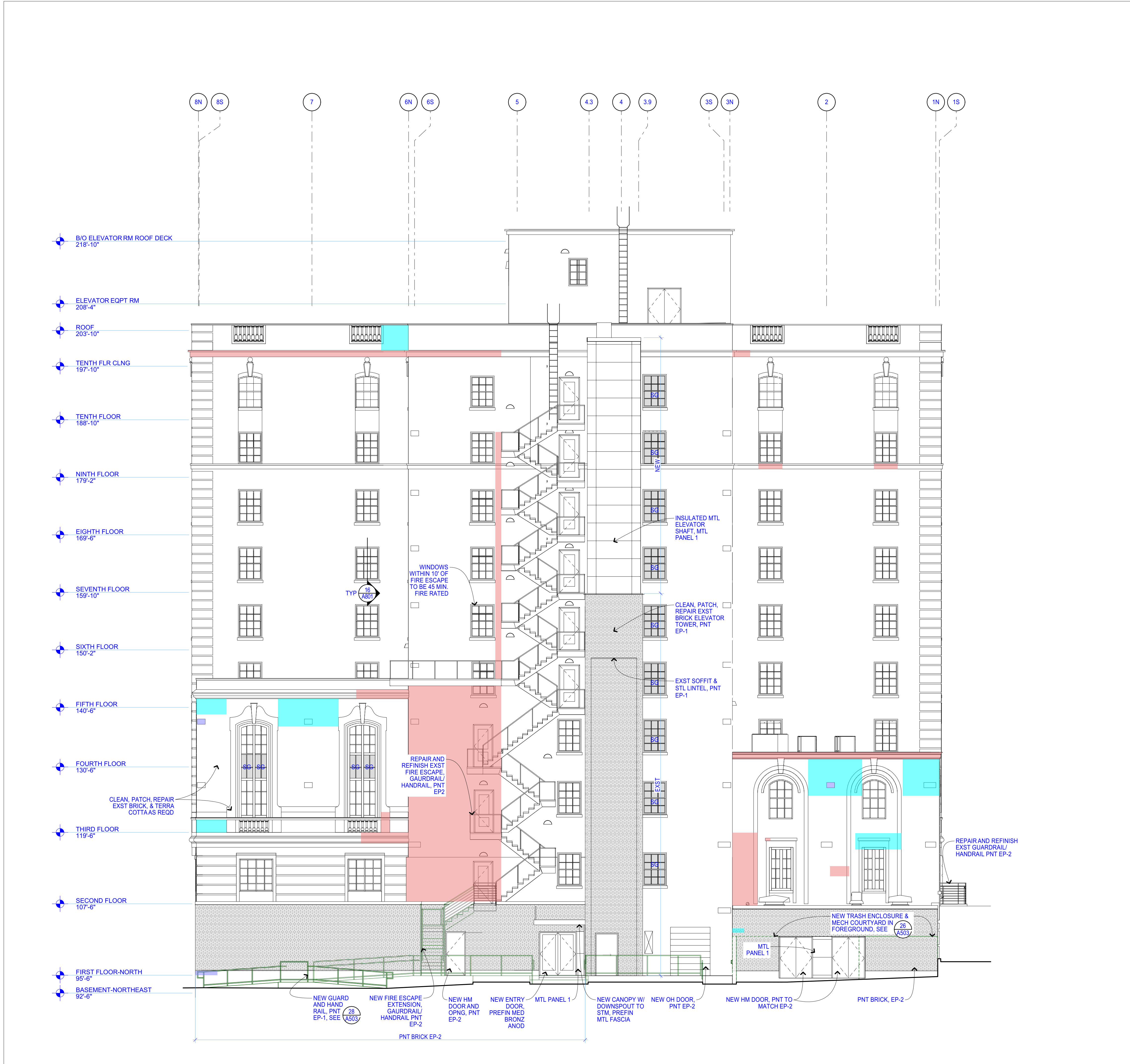
NOT FOR CONSTRUCTION



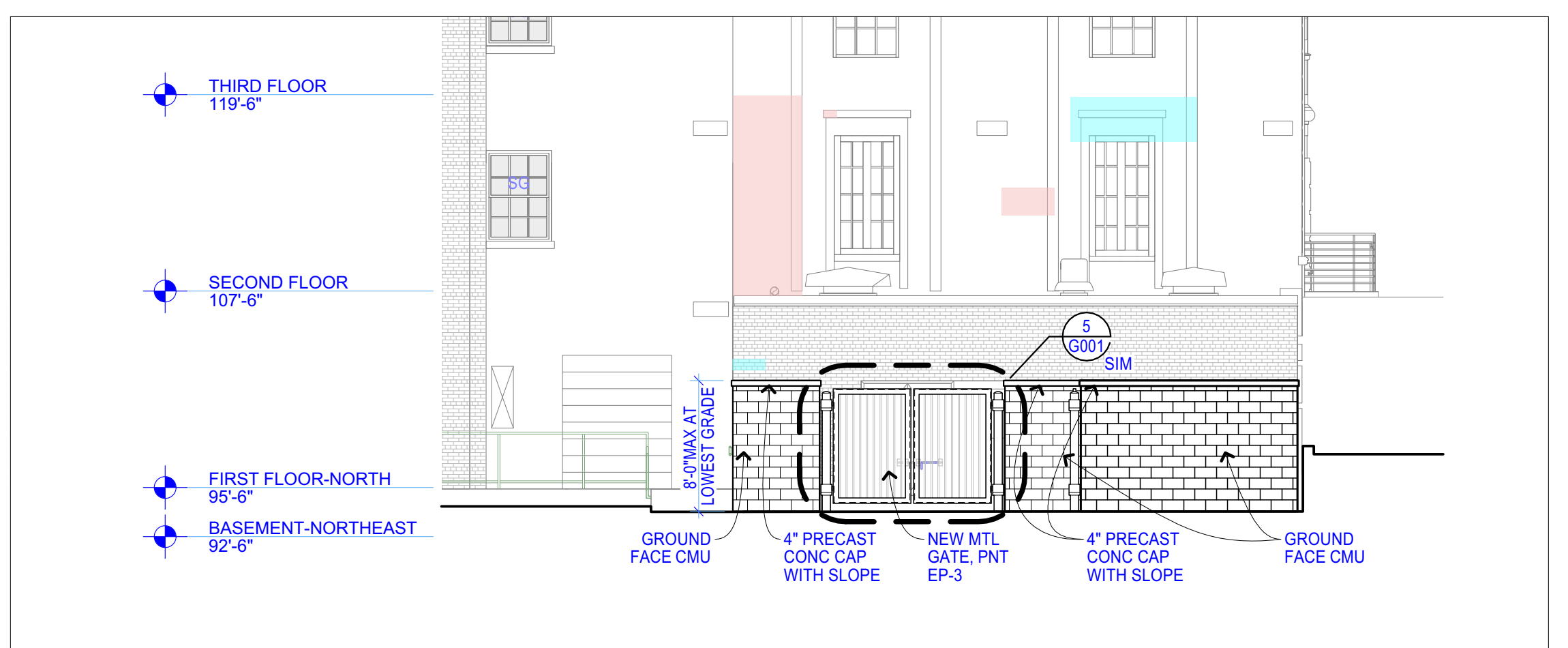
| FAÇADE RESTORATION KEY | |
|------------------------|---|
| | NO WORK |
| | AREAS OF BRICK AND MORTAR DEGRADATION |
| | AREAS OF STAINING OR PAINTING |
| | DAMAGED TERRACOTTA DETAILS |
| | AREAS OF CONCRETE DEGRADATION OR SPALLING |

| EXTERIOR ELEVATION KEY | |
|--|---|
| | EXST BRICK, PNT |
| | MTL PANEL 1 PRODUCT: CENTRIA VERSAWALL H+ 2" PANEL SIZE: 36"X6'6" |
| | NEW CMU |
| EP-1: SERWIN WILLIAMS, SW2735 ROCKWEED EP-2: SERWIN WILLIAMS, SW7598 SIERRA REDWOOD EP-3: SERWIN WILLIAMS, SW7511 BUNGALOW BEIGE SG: SPANDREL GLASS, COLOR: MATCH WINDOW FRAMES | |

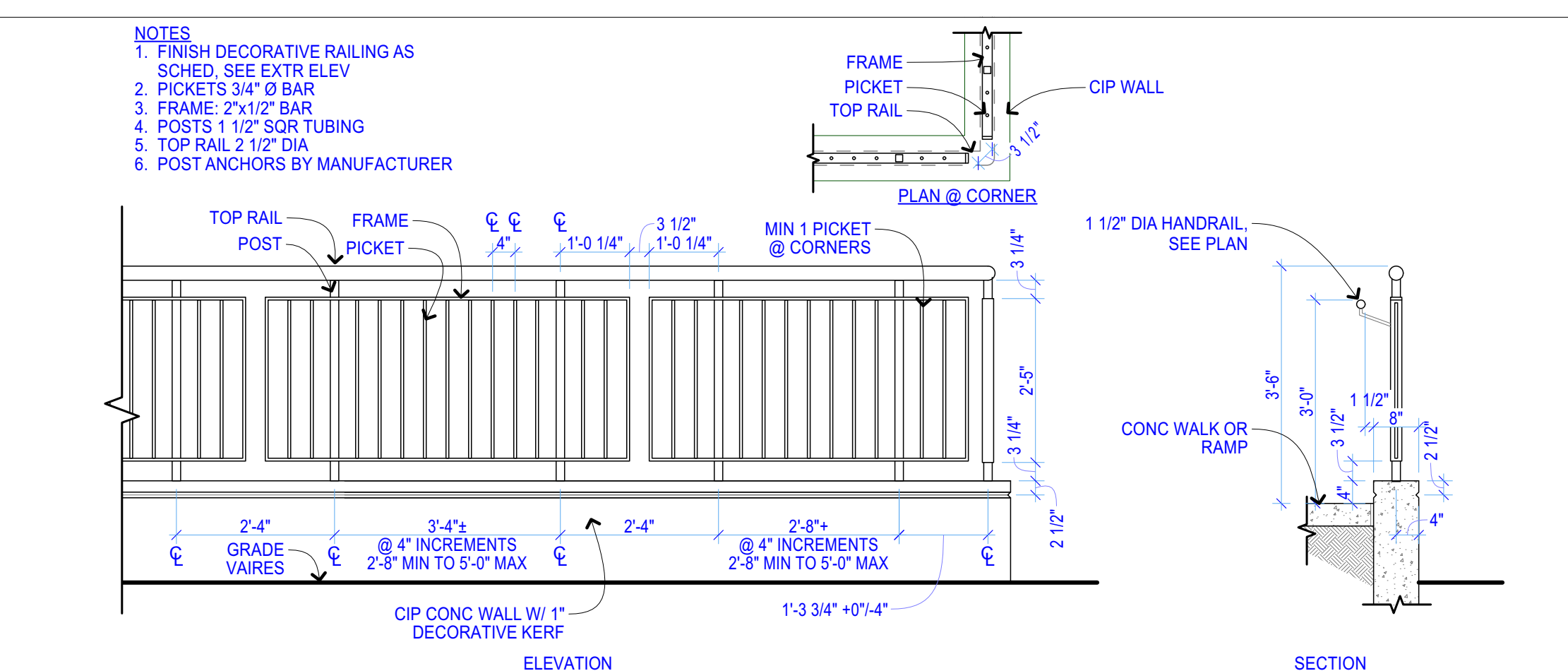
| EXTERIOR FINISH KEY | |
|---------------------|--|
| | APPLICATION: METAL PANELS PRODUCT: CENTRIA VERSAWALL H+ 2" PANEL SIZE: 36"X6'6" FINISH: SMOOTH, FLAT COLOR: SIENNA |
| | APPLICATION: NEW AND EXISTING RAILINGS FINISH: FLAT COLOR: SW2735 ROCKWEED (EP-1) |
| | APPLICATION: EXISTING BRICK PAINT, FIRE ESCAPE PRODUCT: SW LOXON XP WATERPROOFING MASONRY COATING, PAINT FINISH: FLAT COLOR: SW7598 SIERRA REDWOOD (EP-2) |
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| | APPLICATION: NEW CMU SCREEN WALLS PRODUCT: FENOT GROUND FACE ARCHITECTURAL CMU FINISH: BURNISHED COLOR: #430 E |
| | APPLICATION: NEW WINDOWS PRODUCT: MARVIN AL-GLAD WD WINDOWS FINISH: SMOOTH, FLAT COLOR: PEBBLE GRAY |
| | APPLICATION: NEW STOREFRONTS PRODUCT: FACE-GLAZED AL FRAMES & BUTT GLAZED INSUL GLASS FINISH: SMOOTH, FLAT HIGH PERFORMANCE THERMOPLASTIC FLUOROPOLYMER COLOR: MATCH MARVIN WINDOWS PEBBLE GRAY |



20 NORTH EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



26 REFUSE AND MECH COURTYARD NORTH EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



28 EXTERIOR RAILING
SCALE: 1/2" = 1'-0"

| No. | Description | Date |
|-----------|-------------|-----------|
| Approvals | | 4/28/2026 |

DRAWING TITLE

**NORTH EXTERIOR
ELEVATION**

| DRAWING INFORMATION | |
|-----------------------|-----------|
| PROJECT NO: | 25.82.01 |
| DRAWN BY: | JPC |
| CHECKED BY: | MDK |
| CAD/BIM PUBLISH DATE: | 4/30/2026 |

A503

South Elevation
Photos S01 – S37



West Elevation
Photos W01 – W29



North Elevation
Photos N01 – N11



East Elevation
Photos E01 – E21



RECEIVED

STATE HISTORIC PRESERVATION OFFICE

September 22, 2023

Bryan Lijewski



1. S01 - South Elevation, First Floor.



2. S02 - South Elevation, First Floor.



3. S03 – South Elevation, First Floor.



4. S04 – South Elevation, Third Floor, detail view of deteriorated mullions, general rotting throughout the framework.



5. S05 – South Elevation, Third Floor, detail view of deteriorated mullions, general rotting throughout the framework.



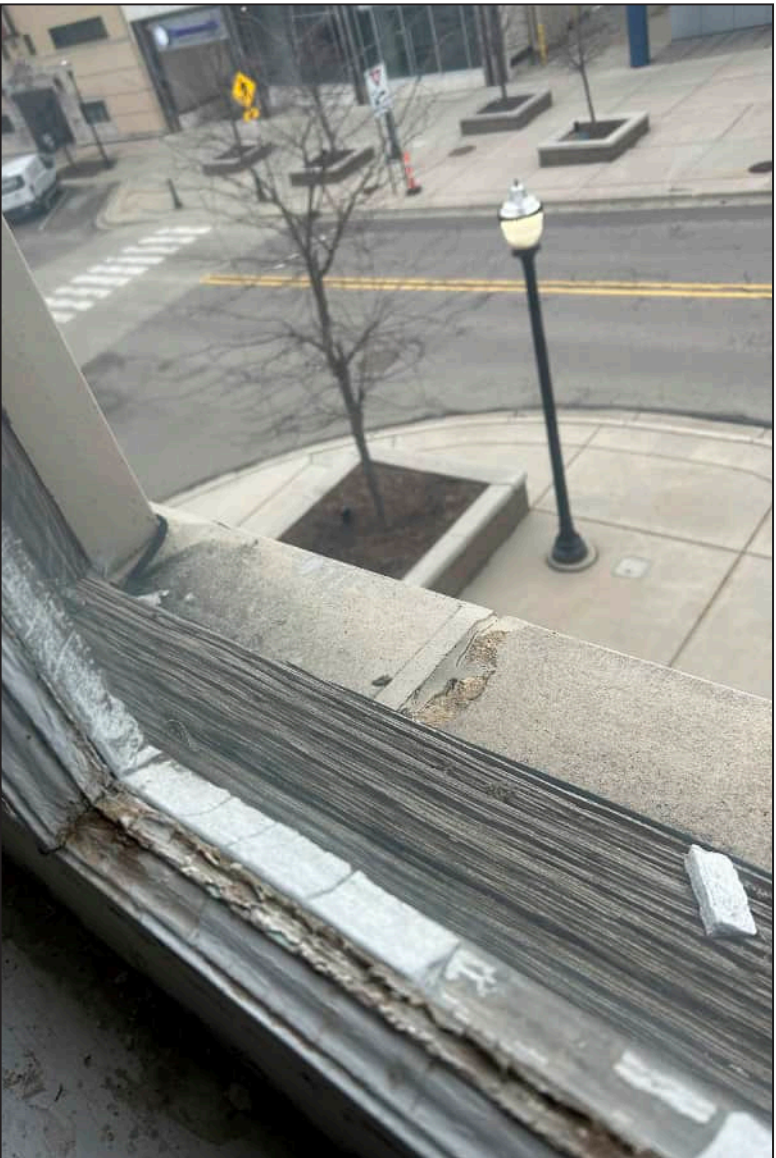
6. S06 – South Elevation, Third Floor, detail of rotting at bottom sash. Note deterioration of wood at exterior framework.



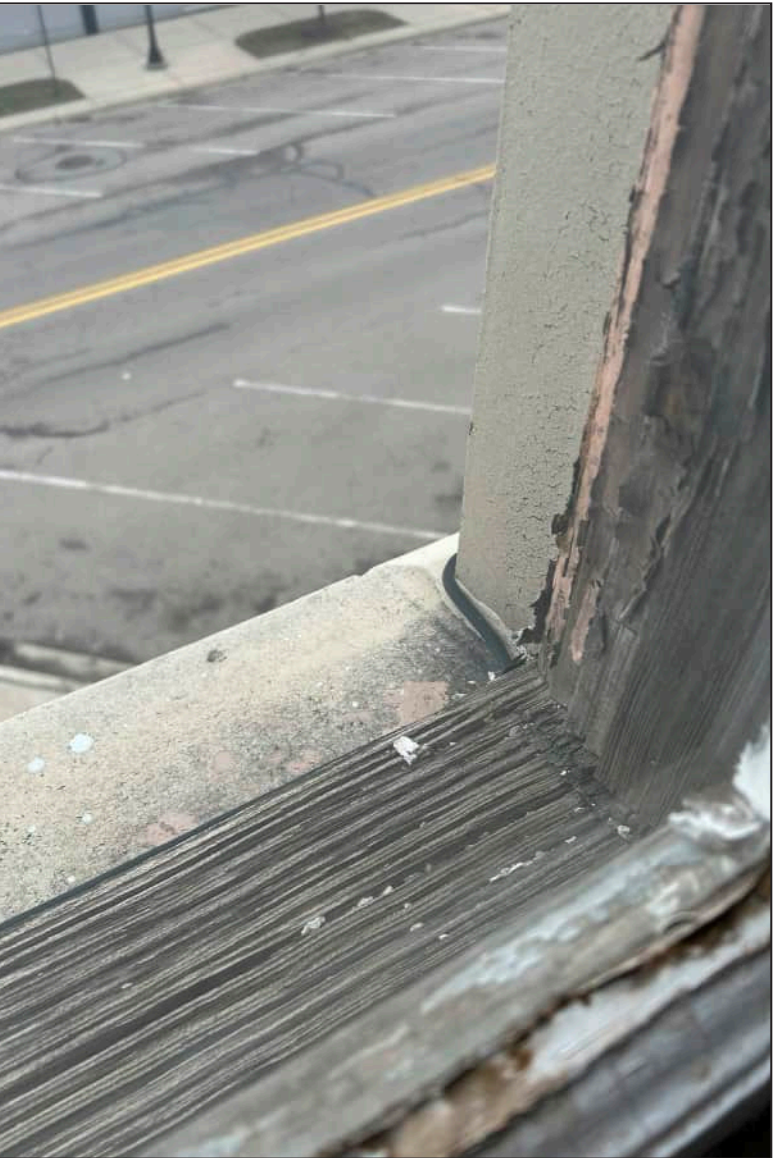
7. S07 – South Elevation, Third Floor, detail of rotting at bottom sash. Note deterioration of wood at exterior framework.



8. S08 – South Elevation, Third Floor.



9. S09 – South Elevation, Third Floor, detail of rotting at bottom sash. Note deterioration of wood at exterior framework.



10. S10 – South Elevation, Third Floor, detail of rotting at bottom sash. Note deterioration of wood at exterior framework.



11. S11 – South Elevation, Third Floor, detail of rotting at bottom sash. Note deterioration of wood at exterior framework.



12. S12 – South Elevation, Fourth Floor, detail of altered interior trim at top of window.



13. S13 – South Elevation, Fourth Floor, detail of cracked casing.



14. S14 – South Elevation, Fourth Floor, detail view of deteriorated mullions, general rotting throughout the framework.



15. S15 – South Elevation, Fourth Floor, detail view of deteriorated mullions, general rotting throughout the framework.



16. S16 – South Elevation, Fourth Floor, detail of rotting bottom sash, separation between jamb and bottom sash.



17. S17 – South Elevation, Fourth Floor, detail view of deteriorated mullions, rotting at bottom sash.



18. S18 – South Elevation, Fourth Floor.



19. S19 – South Elevation, Fourth Floor.



20. S20 – South Elevation, Fourth Floor, detail of rotting at mullion.



21. S21 – South Elevation, Fourth Floor, detail of rotting at bottom sash. Note separation between mullion and bottom sash.



22. S22 – South Elevation, Fifth Floor.



23. S23 – South Elevation, Fifth Floor, detail of rotting at bottom sash. Note separation between jamb and bottom sash.



24. S24 – South Elevation, Fifth Floor, detail view of rotting throughout mullions, meeting rail, jamb, and upper sash.



25. S25 – South Elevation, Fifth Floor, detail of deterioration of mullions and general rotting throughout.



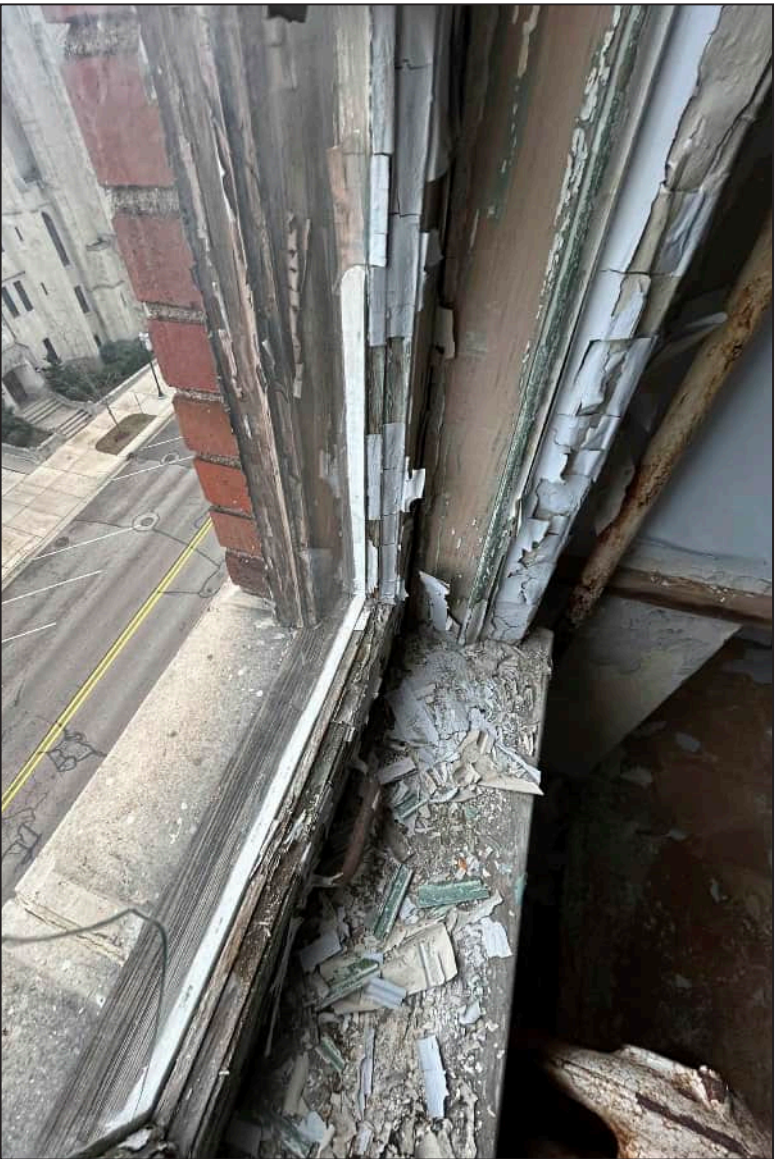
26. S26 – South Elevation, Fifth Floor, detail of deterioration of mullions, separation of mullions and bottom sash, rotting throughout bottom sash, and warped due to weathering and water infiltration.



27. S27 – South Elevation, Sixth Floor, detail of deterioration of mullions, meeting rail, and jamb.



28. S28 – South Elevation, Sixth Floor, detail of deterioration of mullions, meeting rail, and jamb. Note deterioration at exterior framework.



29. S29 – South Elevation, Sixth Floor, detail of deterioration of bottom sash, and jamb. Note deterioration at exterior framework.



30. S30 – South Elevation, Sixth Floor, detail of deterioration of mullions, meeting rail, upper and bottom sashes, and jamb. Note deterioration at exterior framework.



31. S31 – South Elevation, Sixth Floor, detail of deterioration of mullions, meeting rail, bottom sash, and jamb. Note deterioration at exterior framework.



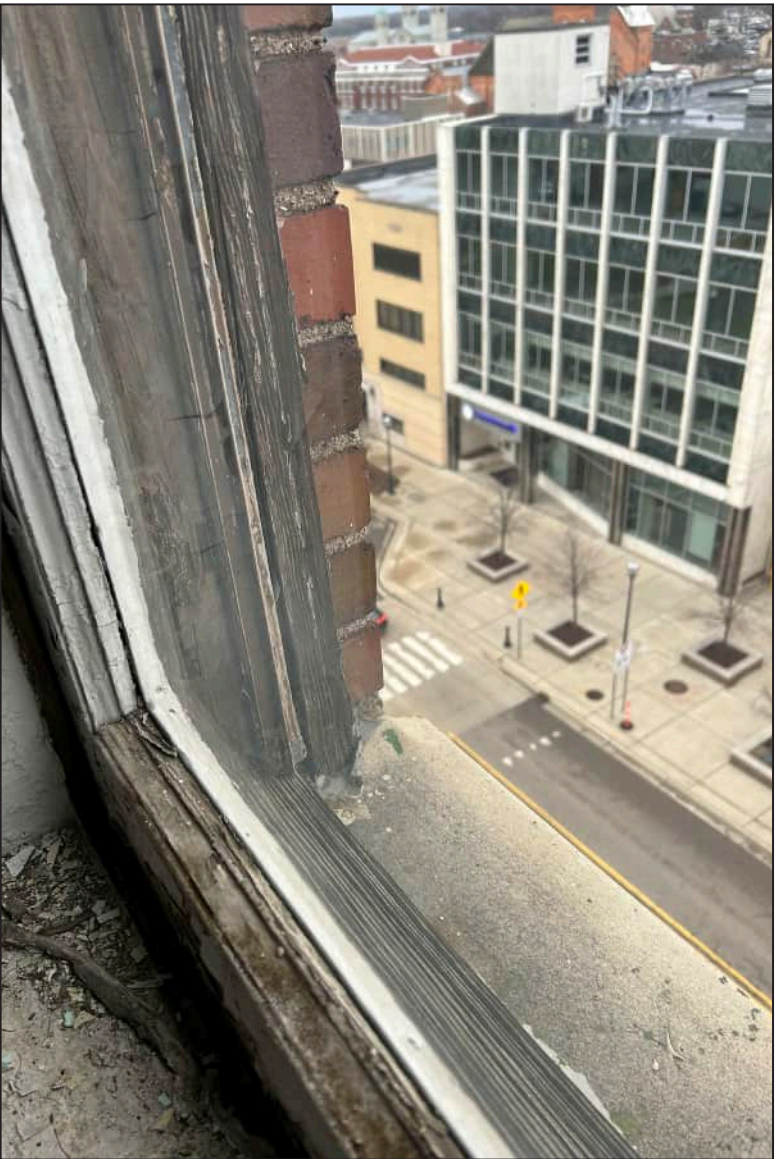
32. S32 – South Elevation, Sixth Floor, detail of deterioration of jamb, bottom sash, and exterior framework.



33. S33 – South Elevation, Sixth Floor, detail of deterioration of bottom sash and jamb. Note deterioration at exterior framework.



34. S34 – South Elevation, Seventh Floor.



35. S35 – South Elevation, Eighth Floor, detail of deterioration of bottom sash and jamb. Note deterioration at exterior framework.



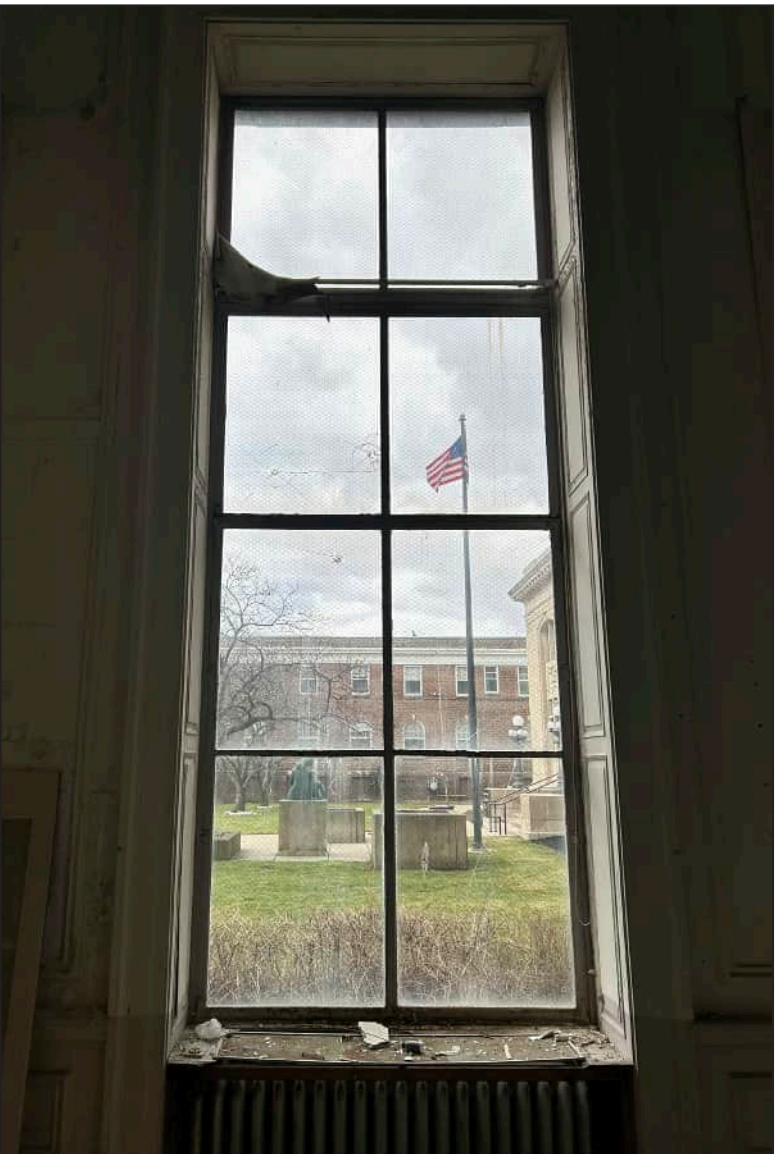
36. S36 – South Elevation, Eighth Floor, detail of deterioration of bottom sash and jamb. Note deterioration at exterior framework.



37. S37 – South Elevation, Eighth Floor, detail of rotting at jamb and bottom sash. Note separation of frame to tracks and exterior wood deterioration.



38. W01 – West Elevation, Second Floor.



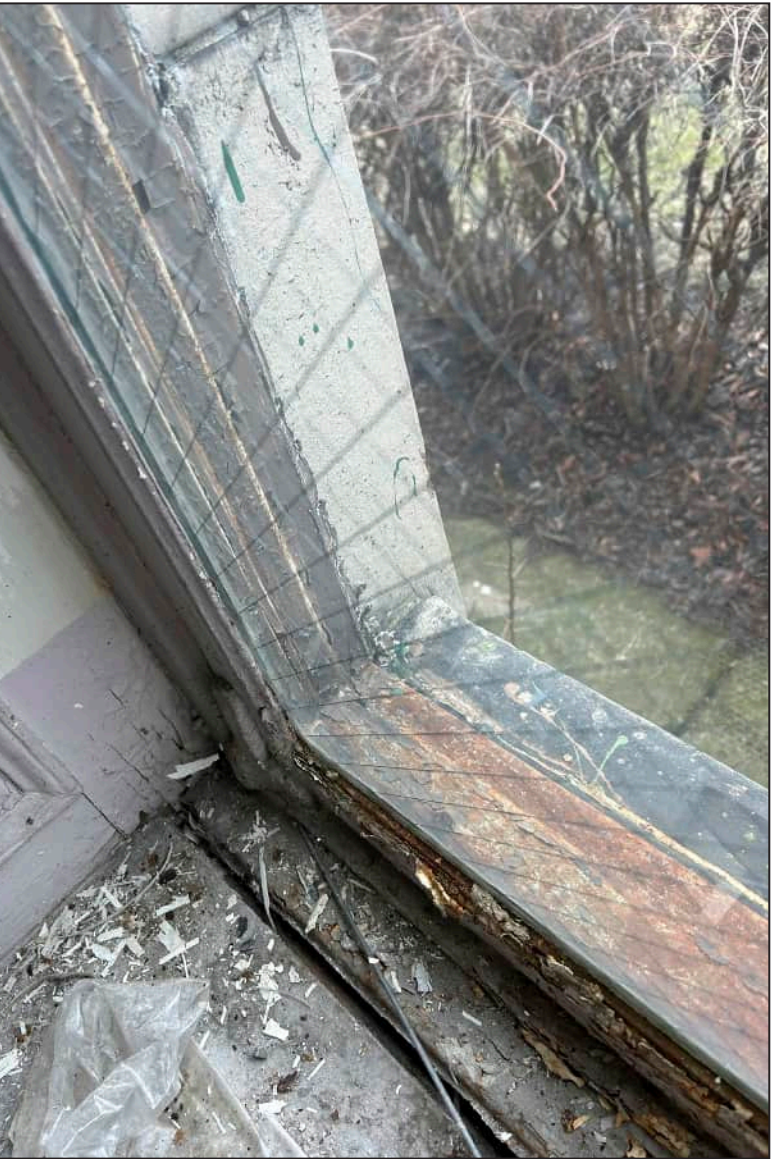
39. W02 – West Elevation, Second Floor.



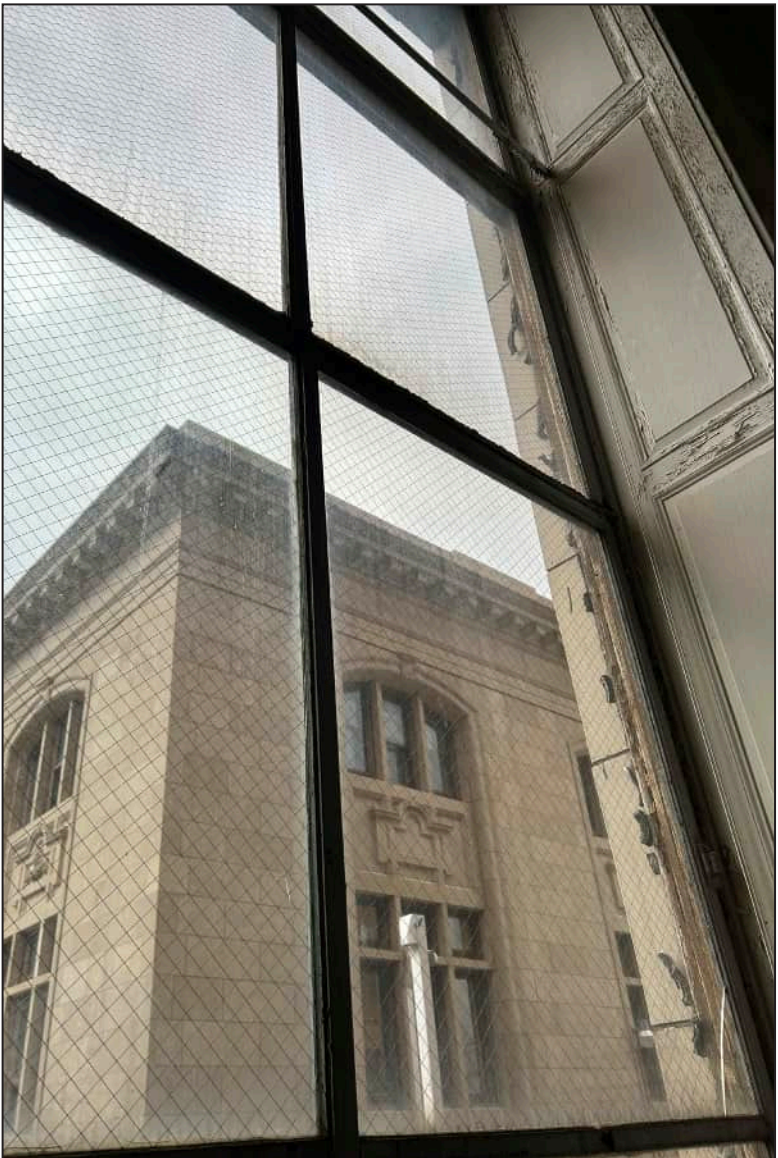
40. W03 – West Elevation, Second Floor, detail of deterioration at jamb and bottom sash. Note separation of bottom sash with sill.



41. W04 – West Elevation, Second Floor, detail of deterioration at bottom sash. Note separation of bottom sash with sill.



42. W05 – West Elevation, Second Floor, detail of deterioration at bottom sash. Note separation of bottom sash with sill.



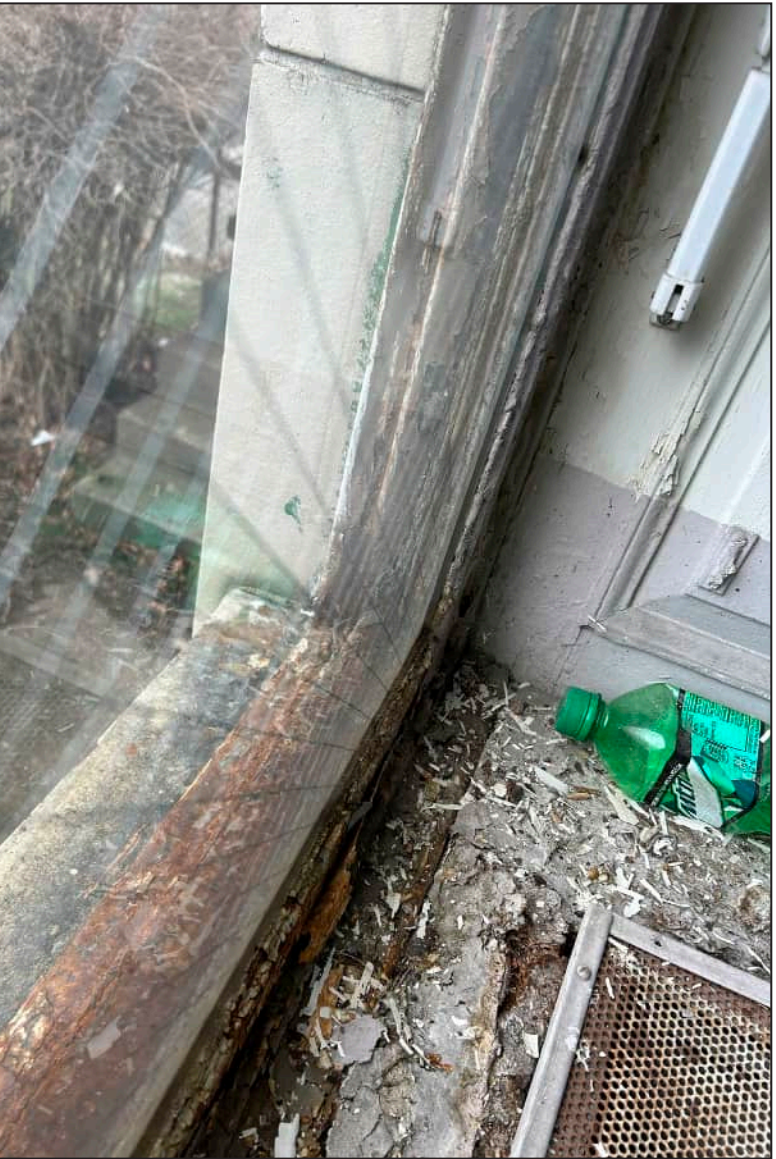
43. W06 – West Elevation, Second Floor.



44. W07 – West Elevation, Second Floor, detail of rusting and deterioration at mullion.



45. W08 – West Elevation, Second Floor, detail of deterioration at bottom sash. Note separation of bottom sash with sill.



46. W09 – West Elevation, Second Floor, detail of deterioration at bottom sash. Note separation of bottom sash with sill and deterioration of exterior framework.



47. W10 – West Elevation, Second Floor, detail of deterioration at bottom sash. Note separation of bottom sash with sill and deterioration of exterior framework.



48. W11 – West Elevation, Second Floor, detail of rusting at exterior mullions and framework.



49. W12 – West Elevation, Second Floor, detail of rusting at exterior framework.



50. W13 – West Elevation, Second Floor, detail of deterioration and rotting at exterior framework.



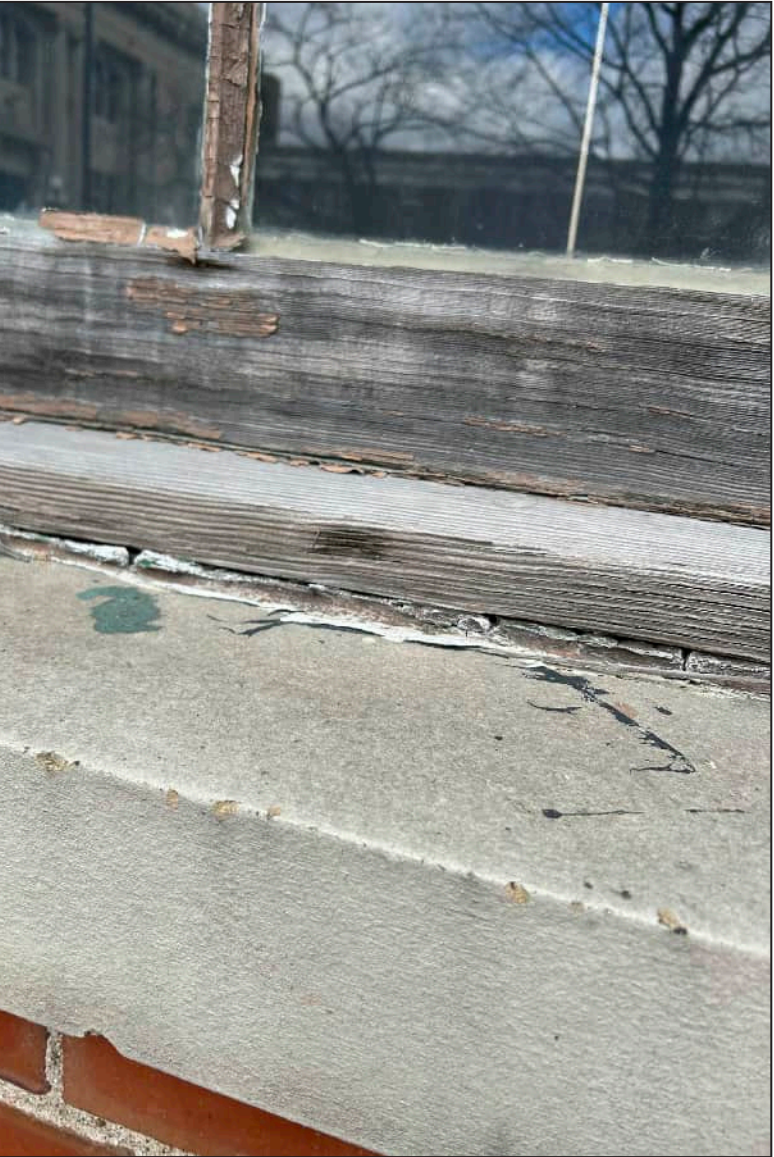
51. W14 – West Elevation, Second Floor, detail of deterioration and rotting at exterior framework.



52. W15 – West Elevation, Second Floor, detail of deterioration and rotting at exterior framework and center muntin.



53. W16 – West Elevation, Second Floor, detail of deterioration and rotting at exterior framework and center muntin.



54. W17 – West Elevation, Floor, detail of deterioration and rotting at exterior framework and center muntin.



55. W18 – West Elevation, Second Floor, detail of deterioration and rotting at exterior framework and center muntin.



56. W19 – West Elevation, Second Floor, detail of deterioration and rotting at exterior framework and center muntin.



57. W20 – West Elevation, Second Floor, detail of deterioration and rotting at exterior framework.



58. W21 – West Elevation, Fifth Floor, detail of deterioration at jamb, upper sash, and mullion.



59. W22 – West Elevation, Fifth Floor, detail of deterioration at jamb, upper sash, and mullion.



60. W23 – West Elevation, Fifth Floor, detail of deterioration at jamb, meeting rail, and mullion.



61. W24 – West Elevation, Fifth Floor, detail of deterioration at jamb, lower sash, and mullion.



62. W25 – West Elevation, Fifth Floor, detail of deterioration at jamb and bottom sash. Note separation of jamb to interior casing.



63. W26 – West Elevation, Fifth Floor, detail of deterioration at jamb and bottom sash. Note separation of jamb to interior casing.



64. W27 – West Elevation, Eighth Floor, detail of deterioration of jamb and bottom sash. Note deterioration of exterior framework.



65. W28 – West Elevation, Eighth Floor, detail of deterioration of jamb and bottom sash. Note deterioration of exterior framework.



66. W29 – West Elevation, Eighth Floor, detail of deterioration of jamb and bottom sash. Note deterioration of exterior framework.



67. N01 – North Elevation, Second Floor.



68. N02 – North Elevation, Third Floor, detail of deterioration of mullions, jamb, and bottom sash.



69. N03 – North Elevation, Third Floor.



70. N04 – North Elevation, Third Floor.



71. N05 – North Elevation, Fifth Floor, detail of deterioration of mullion.



72. N06 – North Elevation, Fifth Floor, detail of deterioration of jamb and bottom sash. Note deterioration of exterior framework.



73. N07 – North Elevation, Fifth Floor, detail of deterioration of mullions and meeting rail.



74. N08 – North Elevation, Fifth Floor, detail of deterioration of jamb and bottom sash. Note deterioration of exterior framework.



75. N09 – North Elevation, Fifth Floor, detail of deterioration of mullions, jamb, and upper sash.



76. N10 – North Elevation, Fifth Floor, detail of deterioration of jamb and bottom sash. Note deterioration of exterior framework.



77. N11 – North Elevation, Eighth Floor, detail of deterioration of jamb and bottom sash. Note deterioration of exterior framework.



78. E01 – East Elevation, First Floor.



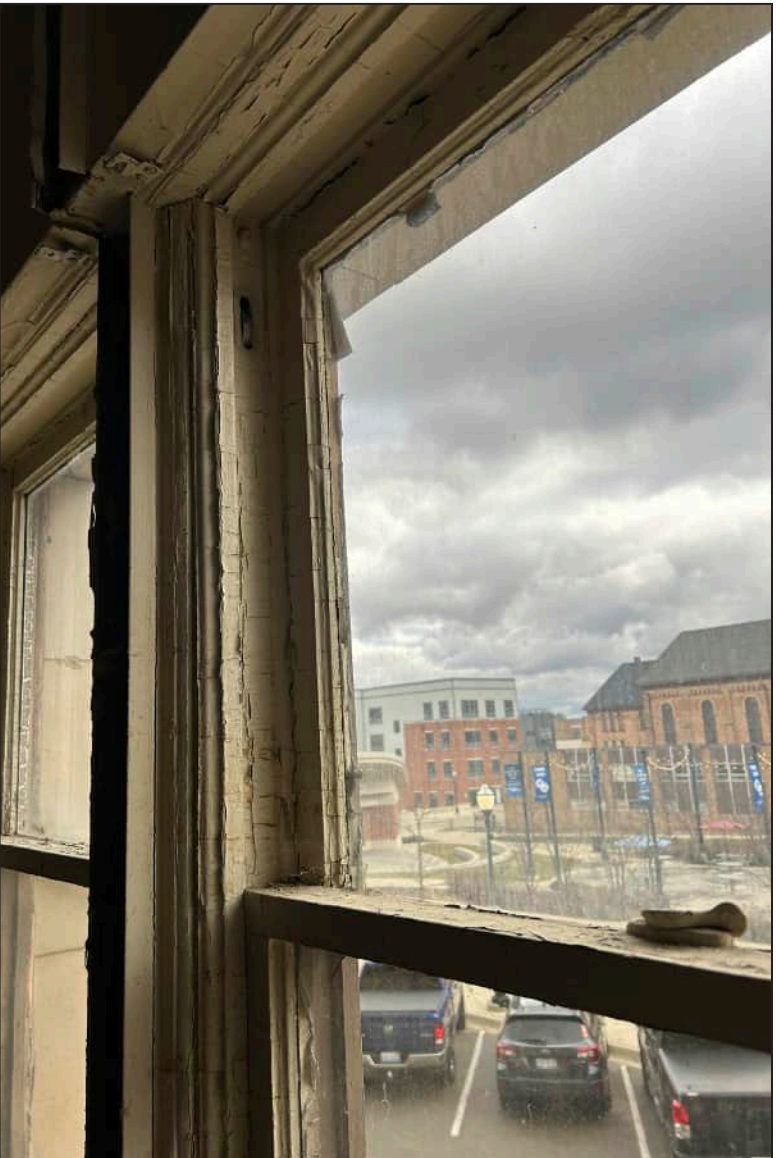
79. E02 – East Elevation, First Floor.



80. E03 – East Elevation, First Floor, detail of deterioration of jamb and bottom sash. Note deterioration of exterior framework.



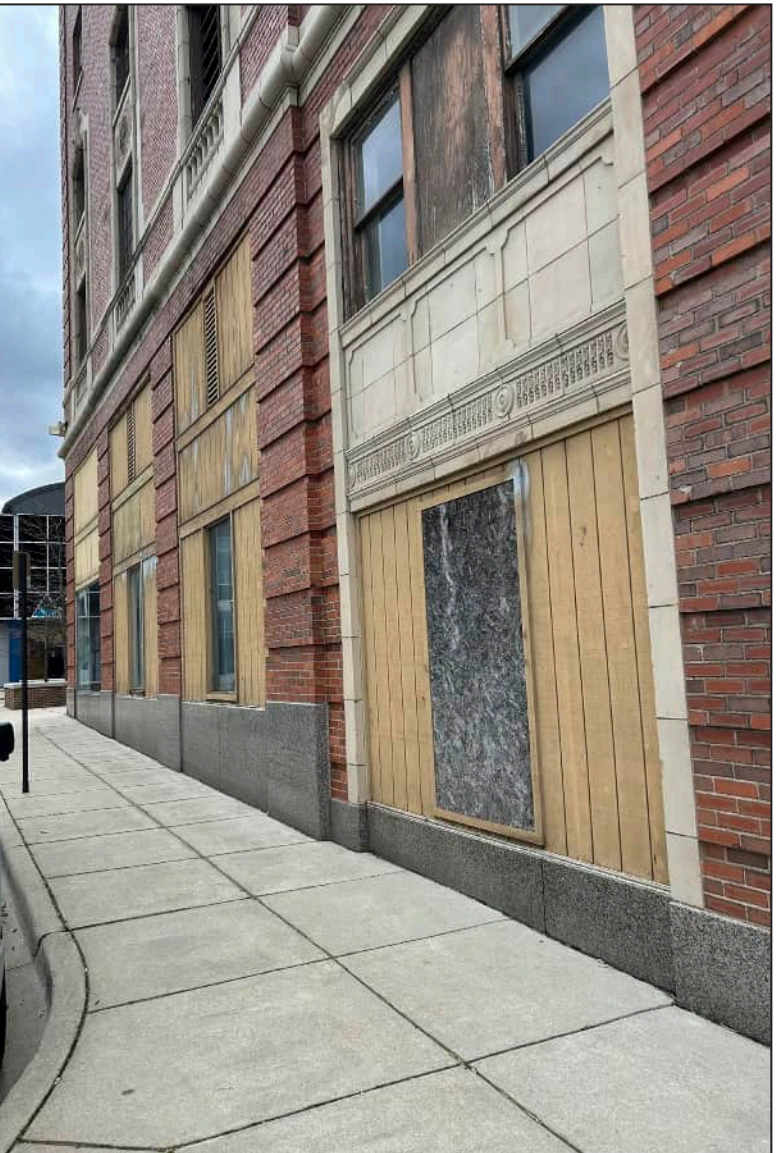
81. E04 – East Elevation, First Floor.



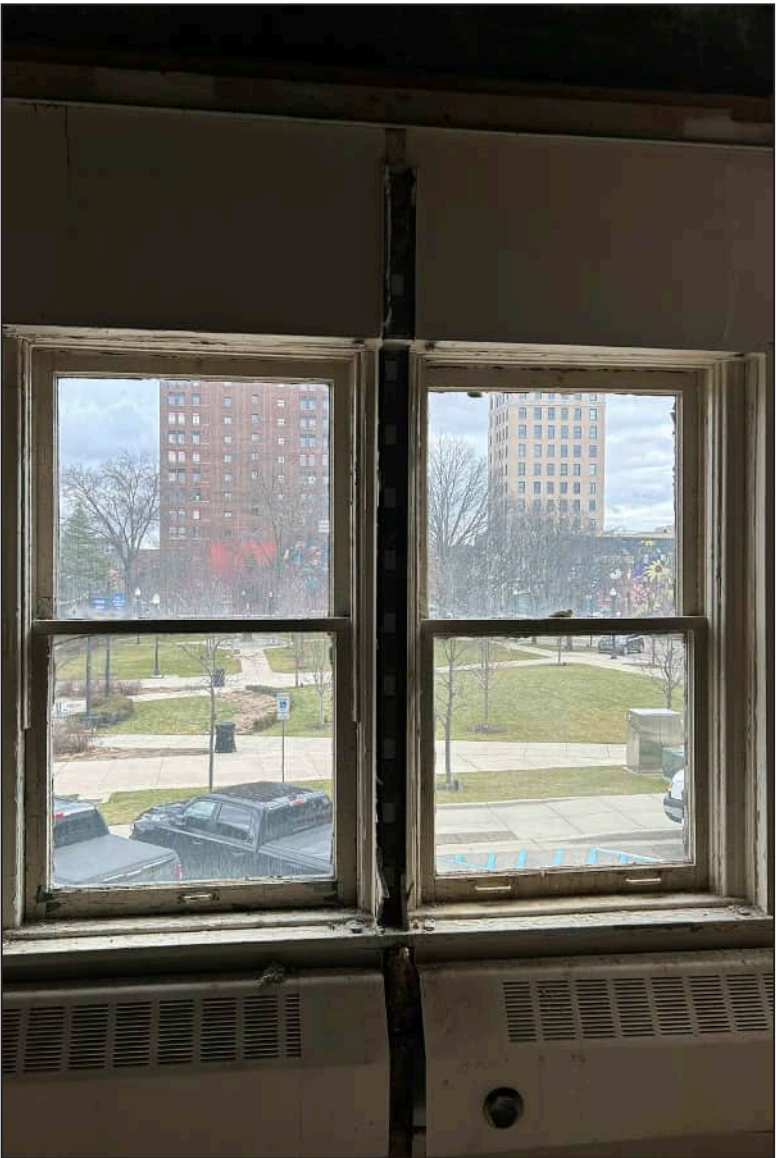
82. E05 – East Elevation, First Floor, detail of deterioration of muntin, upper sash, and meeting rail.



83. E06 – East Elevation, First Floor, detail of deterioration of interior trimwork. Note deterioration of exterior framework.



84. E07 – East Elevation, First Floor.



85. E08 – East Elevation, First Floor.



86. E09 – East Elevation, First Floor, detail of deterioration of jamb and bottom sash. Note deterioration of exterior framework.



87. E10 – East Elevation, First Floor, detail of deterioration of jamb and bottom sash. Note deterioration of exterior framework.



88. E11 – East Elevation, First Floor.



89. E12 – East Elevation, First Floor, detail of deterioration of muntin.



90. E13 – East Elevation, First Floor, detail of deterioration of jamb and bottom sash.



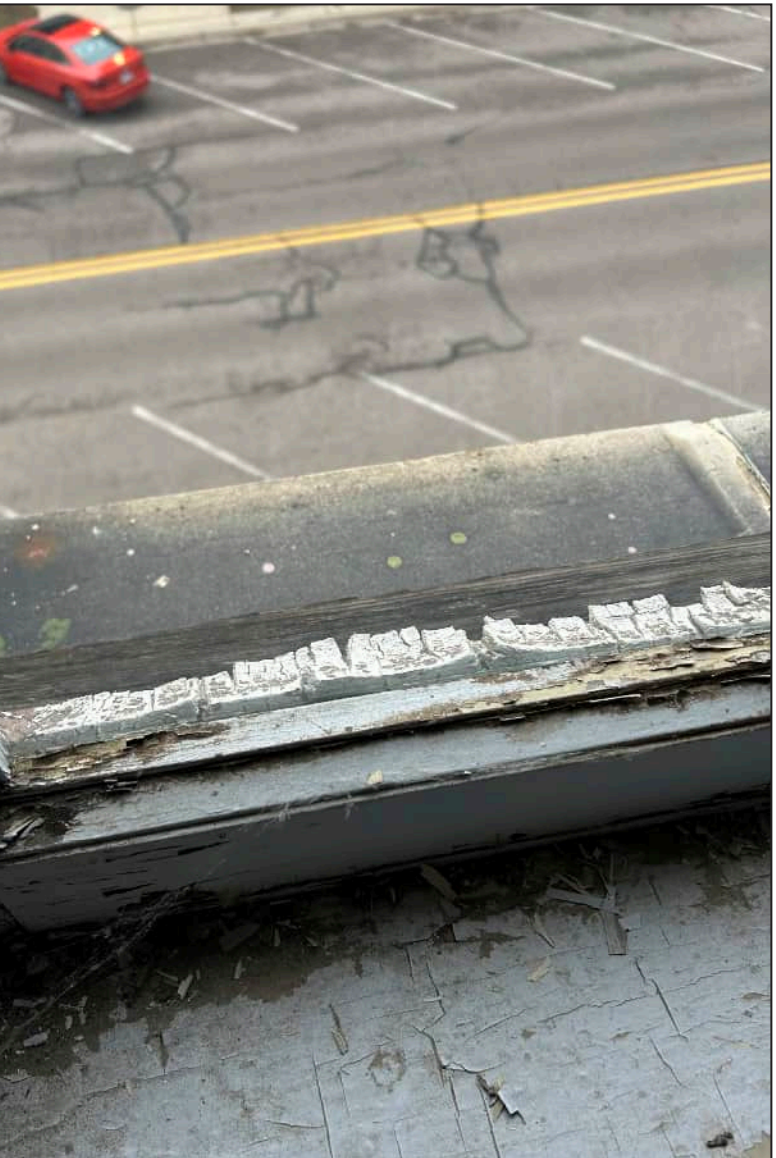
91. E14 – East Elevation, First Floor, detail of exterior sill deterioration.



92. E15 – East Elevation, Third Floor, detail of deterioration at mullions.



93. E16 – East Elevation, Third Floor, detail of deterioration of jamb and bottom sash.



94. E17 – East Elevation, Fourth Floor, detail of deterioration at bottom sash.



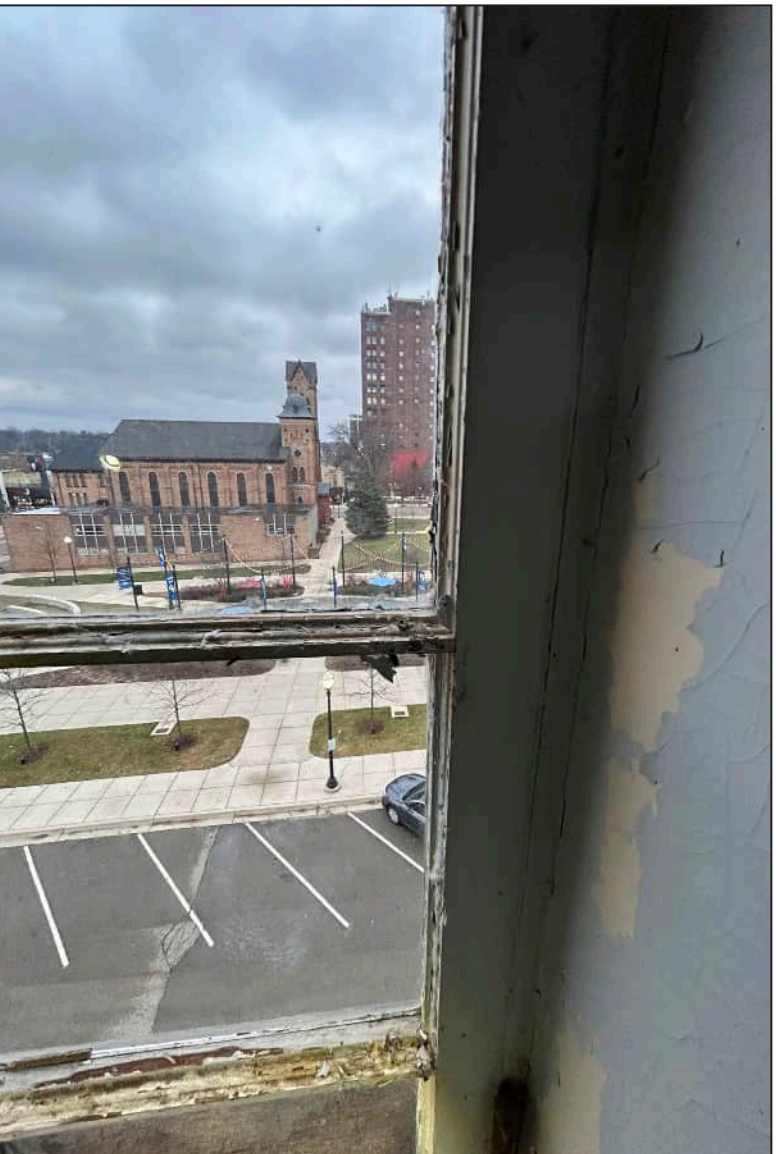
95. E18 – East Elevation, Fourth Floor, detail of deterioration of jamb and bottom sash. Note deterioration of exterior framework.



96. E19 – East Elevation, Fourth Floor, detail of deterioration of jamb and bottom sash. Note deterioration of exterior framework.



97. E20 – East Elevation, Fourth Floor.



98. E21 – East Elevation, Fourth Floor, detail of deterioration of mullions and bottom sash.

The Hayes Hotel

Quote #: XZ2WXV2 Dated August 28, 2025

A Proposal for Window and Door Products
prepared for:
Scott Gibson - CollierGibson

MARVIN
DESIGN GALLERY

a complete window and door showroom

Laurence Smith Window & Door
Commercial Contacts:

Tom Zakucia 248-688-7898

Paul Manion 810-922-0799

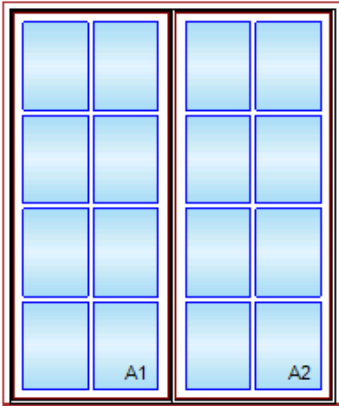
Featuring products from:

MARVIN 

LINE ITEM QUOTES

The following is a schedule of the windows and doors for this project. For additional unit details, please see Line Item Quotes. Additional charges, tax or Terms and Conditions may apply. Detail pricing is per unit.

| | | | | |
|---------|---------------|--|--|--|
| Line #1 | Mark Unit: W8 | | | |
| Qty: 2 | | | | |



As Viewed From The Exterior

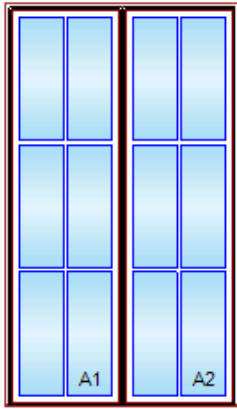
Entered As: FS
 FS 68" X 82 1/2"
 RO 69" X 83"
 Egress Information A1, A2
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 2W1H - Rectangle Assembly
 Assembly Frame Size
 68" X 82 1/2"
 Assembly Rough Opening
 69" X 83"

Unit: A1
 Ultimate Casement - Stationary
 Basic Frame 34" X 82 1/2"
 Rough Opening 35" X 83"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W4H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 Solid Wood Covers

Unit: A2
 Ultimate Casement - Stationary
 Basic Frame 34" X 82 1/2"
 Rough Opening 35" X 83"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W4H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 Solid Wood Covers
 Standard Mull Charge
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets
 ***Note: This configuration meets a minimum structural performance of DP 20 through either physical testing or calculations in accordance with AAMA 450 and building code requirements. Mull certification ratings may vary from individual unit certification ratings. Reference the mulling chapter of the ADM for additional information.

| | | | | |
|---------|----------------|--|--|--|
| Line #2 | Mark Unit: W16 | | | |
| Qty: 2 | | | | |



As Viewed From The Exterior

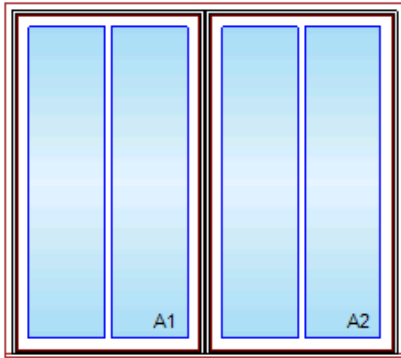
Entered As: FS
 FS 68" X 120"
 RO 69" X 120 1/2"
 Egress Information A1, A2
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 2W1H - Rectangle Assembly
 Assembly Frame Size
 68" X 120"
 Assembly Rough Opening
 69" X 120 1/2"

Unit: A1
 Ultimate Casement - Stationary
 Basic Frame 33 13/16" X 120"
 Rough Opening 34 13/16" X 120 1/2"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 1 in
 Tempered Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W3H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 Solid Wood Covers

Unit: A2
 Ultimate Casement - Stationary
 Basic Frame 33 13/16" X 120"
 Rough Opening 34 13/16" X 120 1/2"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 1 in
 Tempered Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W3H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 Solid Wood Covers
 Vertical Mull Reinforcement 3/8"
 Standard Mull Charge
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets
 ***Note: This configuration meets a minimum structural performance of DP 20 through either physical testing or calculations in accordance with AAMA 450 and building code requirements. Mull certification ratings may vary from individual unit certification ratings. Reference the mulling chapter of the ADM for additional information.

| | | | | |
|---------|----------------|--|--|--|
| Line #3 | Mark Unit: W16 | | | |
| Qty: 2 | | | | |



As Viewed From The Exterior

Entered As: FS
 FS 68" X 60 3/4"
 RO 69" X 61 1/4"
 Egress Information A1, A2
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 2W1H - Rectangle Assembly
 Assembly Frame Size
 68" X 60 3/4"
 Assembly Rough Opening
 69" X 61 1/4"

Unit: A1
 Ultimate Casement - Stationary
 Basic Frame 33 13/16" X 60 3/4"
 Rough Opening 34 13/16" X 61 1/4"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 1 in
 Tempered Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W1H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 Solid Wood Covers

Unit: A2
 Ultimate Casement - Stationary
 Basic Frame 33 13/16" X 60 3/4"
 Rough Opening 34 13/16" X 61 1/4"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 1 in
 Tempered Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W1H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 Solid Wood Covers
 Vertical Mull Reinforcement 3/8"
 Standard Mull Charge
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets
 ***Note: This configuration meets a minimum structural performance of DP 20 through either physical testing or calculations in accordance with AAMA 450 and building code requirements. Mull certification ratings may vary from individual unit certification ratings. Reference the mulling chapter of the ADM for additional information.

| | | | | |
|---------|----------------|--|--|--|
| Line #4 | Mark Unit: W10 | | | |
| Qty: 1 | | | | |



Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 3W1H - Rectangle Assembly
 Assembly Frame Size
 120" X 65"



As Viewed From The Exterior

Entered As: FS
FS 120" X 65"
RO 121" X 65 1/2"
Egress Information A1, A2, A3
No Egress Information available.

Assembly Rough Opening
121" X 65 1/2"

Unit: A1

Ultimate Casement - Stationary
Basic Frame 40" X 65"
Standard CN Width 40
Rough Opening 41" X 65 1/2"
Pebble Gray Clad Sash Exterior
Painted Interior Finish - White - Pine Sash Interior
IG - 3/4"
Low E3 w/Argon
Black Perimeter and Spacer Bar
1 1/8" SDL - With Spacer Bar - Black
Rectangular - Special Cut 2W4H
Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
Putty Exterior Glazing Profile
Ogee Interior Glazing Profile
Standard Bottom Rail
Beige Weather Strip
Solid Wood Covers

Unit: A2

Ultimate Casement - Stationary
Basic Frame 40" X 65"
Standard CN Width 40
Rough Opening 41" X 65 1/2"
Pebble Gray Clad Sash Exterior
Painted Interior Finish - White - Pine Sash Interior
IG - 3/4"
Low E3 w/Argon
Black Perimeter and Spacer Bar
1 1/8" SDL - With Spacer Bar - Black
Rectangular - Special Cut 2W4H
Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
Putty Exterior Glazing Profile
Ogee Interior Glazing Profile
Standard Bottom Rail
Beige Weather Strip
Solid Wood Covers

Unit: A3

Ultimate Casement - Stationary
Basic Frame 40" X 65"
Standard CN Width 40
Rough Opening 41" X 65 1/2"
Pebble Gray Clad Sash Exterior
Painted Interior Finish - White - Pine Sash Interior
IG - 3/4"
Low E3 w/Argon
Black Perimeter and Spacer Bar
1 1/8" SDL - With Spacer Bar - Black
Rectangular - Special Cut 2W4H
Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
Putty Exterior Glazing Profile
Ogee Interior Glazing Profile
Standard Bottom Rail
Beige Weather Strip
Solid Wood Covers

Standard Mull Charge

4 9/16" Jambs

Casing with Subsill

Pebble Gray 1 5/16" Clad BMC

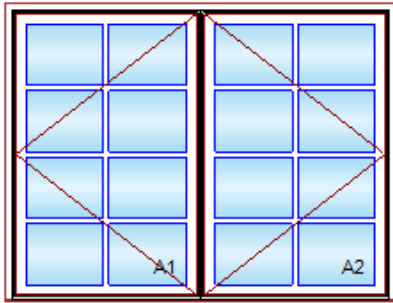
Pebble Gray A246 Subsill

Installed Installation Brackets

***Note: This configuration meets a minimum structural performance of DP 20 through either physical testing or calculations in accordance with AAMA 450 and building code requirements. Mull certification ratings may vary from individual

unit certification ratings. Reference the mulling chapter of the ADM for additional information.

| | | | | |
|-------------------|---------------|--|--|--|
| Line #5 Qty: 1 | Mark Unit: W6 | | | |
|-------------------|---------------|--|--|--|



As Viewed From The Exterior

Entered As: FS
 FS 76" X 58 1/4"
 RO 77" X 58 3/4"
 Egress Information A1, A2
 No Egress Information available.

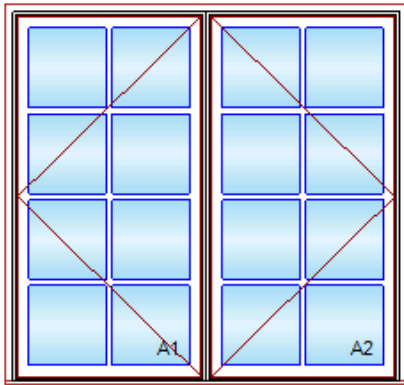
Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 2W1H - Rectangle Assembly
 Assembly Frame Size
 76" X 58 1/4"
 Assembly Rough Opening
 77" X 58 3/4"

Unit: A1
 Ultimate Casement - Left Hand
 Basic Frame 38" X 58 1/4"
 Rough Opening 39" X 58 3/4"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W4H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 White Folding Handle
 White Multi - Point Lock
 Custodial Sash Limiter - 3" Travel
 Extruded Aluminum Screen
 White Surround
 Bright View Mesh

Unit: A2
 Ultimate Casement - Right Hand
 Basic Frame 38" X 58 1/4"
 Rough Opening 39" X 58 3/4"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W4H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 White Folding Handle
 White Multi - Point Lock
 Custodial Sash Limiter - 3" Travel
 Extruded Aluminum Screen
 White Surround
 Bright View Mesh
 Standard Mull Charge
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

***Note: This configuration meets a minimum structural performance of DP 20 through either physical testing or calculations in accordance with AAMA 450 and building code requirements. Mull certification ratings may vary from individual unit certification ratings. Reference the mulling chapter of the ADM for additional information.

| | | | | |
|---------|---------------|--|--|--|
| Line #6 | Mark Unit: W7 | | | |
| Qty: 5 | | | | |



As Viewed From The Exterior

Entered As: FS
 FS 68" X 65"
 RO 69" X 65 1/2"
 Egress Information A1, A2
 No Egress Information available.

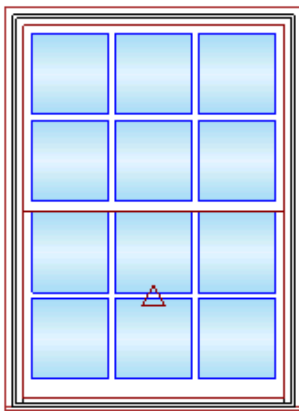
Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 2W1H - Rectangle Assembly
 Assembly Frame Size
 68" X 65"
 Assembly Rough Opening
 69" X 65 1/2"

Unit: A1
 Ultimate Casement - Left Hand
 Basic Frame 34" X 65"
 Rough Opening 35" X 65 1/2"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W4H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 White Folding Handle
 White Multi - Point Lock
 Custodial Sash Limiter - 3" Travel
 Extruded Aluminum Screen
 White Surround
 Bright View Mesh

Unit: A2
 Ultimate Casement - Right Hand
 Basic Frame 34" X 65"
 Rough Opening 35" X 65 1/2"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W4H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 White Folding Handle
 White Multi - Point Lock
 Custodial Sash Limiter - 3" Travel
 Extruded Aluminum Screen
 White Surround
 Bright View Mesh
 Standard Mull Charge
 4 9/16" Jamb
 Casing with Subsill

Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets
 ***Note: This configuration meets a minimum structural performance of DP 20 through either physical testing or calculations in accordance with AAMA 450 and building code requirements. Mull certification ratings may vary from individual unit certification ratings. Reference the mulling chapter of the ADM for additional information.

| | | | | |
|---------|---------------|--|--|--|
| Line #7 | Mark Unit: W3 | | | |
| Qty: 1 | | | | |



As Viewed From The Exterior

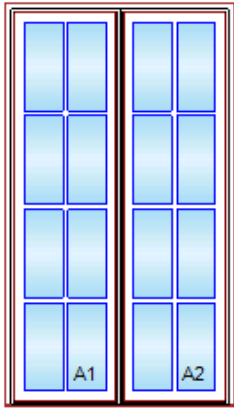
Entered As: FS
 FS 48" X 67"
 RO 49" X 67 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 67"
 Rough Opening 49" X 67 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 Satin Taupe Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|---------|----------------|--|--|--|
| Line #8 | Mark Unit: W15 | | | |
| Qty: 4 | | | | |



Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 2W1H - Rectangle Assembly
 Assembly Frame Size
 48" X 87 1/4"



As Viewed From The Exterior

Entered As: FS
 FS 48" X 87 1/4"
 RO 49" X 87 3/4"
 Egress Information A1, A2
 No Egress Information available.

Assembly Rough Opening
 49" X 87 3/4"

Unit: A1
 Ultimate Casement - Stationary
 Basic Frame 24" X 87 1/4"
 Standard CN Width 24
 Rough Opening 25" X 87 3/4"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W4H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 Solid Wood Covers

Unit: A2
 Ultimate Casement - Stationary
 Basic Frame 24" X 87 1/4"
 Standard CN Width 24
 Rough Opening 25" X 87 3/4"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W4H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 Solid Wood Covers

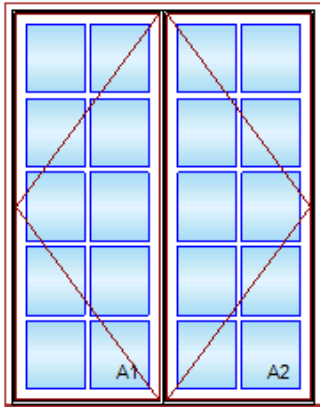
Standard Mull Charge
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets
 ***Note: This configuration meets a minimum structural performance of DP 20 through either physical testing or calculations in accordance with AAMA 450 and building code requirements. Mull certification ratings may vary from individual unit certification ratings. Reference the mulling chapter of the ADM for additional information.

| | | | | |
|---------|---------------|--|--|--|
| Line #9 | Mark Unit: W1 | | | |
| Qty: 11 | | | | |



Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 2W1H - Rectangle Assembly
 Assembly Frame Size
 60" X 78 1/8"
 Assembly Rough Opening
 61" X 78 5/8"

Unit: A1
 Ultimate Casement - Left Hand



As Viewed From The Exterior

Entered As: FS
 FS 60" X 78 1/8"
 RO 61" X 78 5/8"
 Egress Information A1, A2
 No Egress Information available.

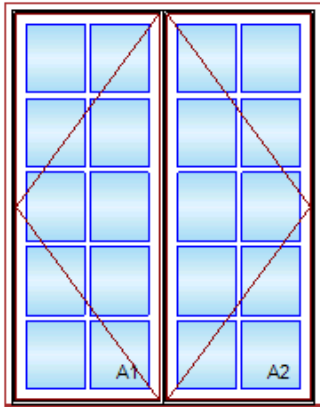
Basic Frame 30" X 78 1/8"
 Standard CN Width 30
 Rough Opening 31" X 78 5/8"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W5H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 White Folding Handle
 White Multi - Point Lock
 Custodial Sash Limiter - 3" Travel
 Extruded Aluminum Screen
 White Surround
 Bright View Mesh

Unit: A2
 Ultimate Casement - Right Hand
 Basic Frame 30" X 78 1/8"
 Standard CN Width 30
 Rough Opening 31" X 78 5/8"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W5H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 White Folding Handle
 White Multi - Point Lock
 Custodial Sash Limiter - 3" Travel
 Extruded Aluminum Screen
 White Surround
 Bright View Mesh
 Standard Mull Charge
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets
 ***Note: This configuration meets a minimum structural performance of DP 20 through either physical testing or calculations in accordance with AAMA 450 and building code requirements. Mull certification ratings may vary from individual unit certification ratings. Reference the mulling chapter of the ADM for additional information.

| | | | | |
|----------|------------------------|--|--|--|
| Line #10 | Mark Unit: W1 (T/ OBS) | | | |
| Qty: 2 | | | | |



Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 2W1H - Rectangle Assembly
 Assembly Frame Size



As Viewed From The Exterior

Entered As: FS
 FS 60" X 78 1/8"
 RO 61" X 78 5/8"
 Egress Information A1, A2
 No Egress Information available.

60" X 78 1/8"
 Assembly Rough Opening
 61" X 78 5/8"

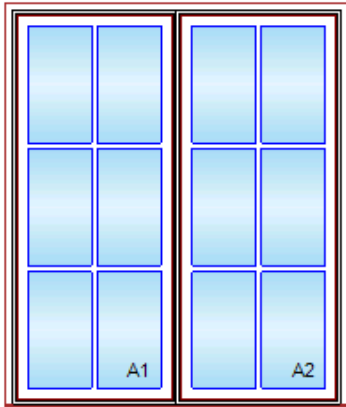
Unit: A1

- Ultimate Casement - Left Hand
- Basic Frame 30" X 78 1/8"
- Standard CN Width 30
- Rough Opening 31" X 78 5/8"
 - Pebble Gray Clad Sash Exterior
 - Painted Interior Finish - White - Pine Sash Interior
 - IG - 3/4" - 1 Lite
 - Tempered Low E3 Obscure w/Argon
 - Black Perimeter Bar
 - 1 1/8" SDL - No SBAR
 - Rectangular - Special Cut 2W5H
 - Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 - Putty Exterior Glazing Profile
 - Ogee Interior Glazing Profile
 - Standard Bottom Rail
 - Beige Weather Strip
 - White Folding Handle
 - White Multi - Point Lock
 - Custodial Sash Limiter - 3" Travel
 - Extruded Aluminum Screen
 - White Surround
 - Bright View Mesh

Unit: A2

- Ultimate Casement - Right Hand
- Basic Frame 30" X 78 1/8"
- Standard CN Width 30
- Rough Opening 31" X 78 5/8"
 - Pebble Gray Clad Sash Exterior
 - Painted Interior Finish - White - Pine Sash Interior
 - IG - 3/4" - 1 Lite
 - Tempered Low E3 Obscure w/Argon
 - Black Perimeter Bar
 - 1 1/8" SDL - No SBAR
 - Rectangular - Special Cut 2W5H
 - Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 - Putty Exterior Glazing Profile
 - Ogee Interior Glazing Profile
 - Standard Bottom Rail
 - Beige Weather Strip
 - White Folding Handle
 - White Multi - Point Lock
 - Custodial Sash Limiter - 3" Travel
 - Extruded Aluminum Screen
 - White Surround
 - Bright View Mesh
- Standard Mull Charge
- 4 9/16" Jamb
- Casing with Subsill
- Pebble Gray 1 5/16" Clad BMC
- Pebble Gray A246 Subsill
- Installed Installation Brackets
- ***Note: This configuration meets a minimum structural performance of DP 20 through either physical testing or calculations in accordance with AAMA 450 and building code requirements. Mull certification ratings may vary from individual unit certification ratings. Reference the mulling chapter of the ADM for additional information.

| | | | | |
|----------|----------------|--|--|--|
| Line #11 | Mark Unit: W11 | | | |
| Qty: 7 | | | | |



As Viewed From The Exterior

Entered As: FS
 FS 60" X 71 7/8"
 RO 61" X 72 3/8"
 Egress Information A1, A2
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 2W1H - Rectangle Assembly
 Assembly Frame Size
 60" X 71 7/8"
 Assembly Rough Opening
 61" X 72 3/8"

Unit: A1
 Ultimate Casement - Stationary
 Basic Frame 30" X 71 7/8"
 Standard CN Width 30
 Rough Opening 31" X 72 3/8"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W3H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 Solid Wood Covers

Unit: A2
 Ultimate Casement - Stationary
 Basic Frame 30" X 71 7/8"
 Standard CN Width 30
 Rough Opening 31" X 72 3/8"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W3H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 Solid Wood Covers

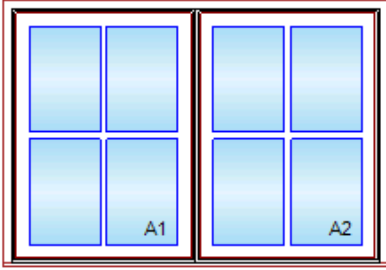
Standard Mull Charge
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

***Note: This configuration meets a minimum structural performance of DP 20 through either physical testing or calculations in accordance with AAMA 450 and building code requirements. Mull certification ratings may vary from individual unit certification ratings. Reference the mulling chapter of the ADM for additional information.

| | | | | |
|----------|---------------------|--|--|--|
| Line #12 | Mark Unit: W11 (SP) | | | |
| Qty: 7 | | | | |



Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 2W1H - Rectangle Assembly



As Viewed From The Exterior

Entered As: FS
 FS 60" X 41 1/2"
 RO 61" X 42"
 Egress Information A1, A2
 No Egress Information available.

Assembly Frame Size
 60" X 41 1/2"
 Assembly Rough Opening
 61" X 42"

Unit: A1
 Ultimate Casement - Stationary
 Basic Frame 30" X 41 1/2"
 Standard CN Width 30
 Rough Opening 31" X 42"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 #ADD FOR SPANDREL GLASS
 Solid Wood Covers

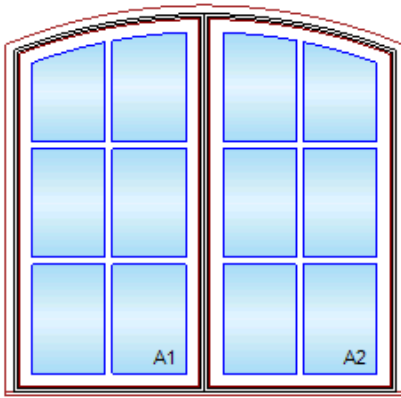
Unit: A2
 Ultimate Casement - Stationary
 Basic Frame 30" X 41 1/2"
 Standard CN Width 30
 Rough Opening 31" X 42"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Putty Exterior Glazing Profile
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 #ADD FOR SPANDREL GLASS
 Solid Wood Covers

Standard Mull Charge
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets
 # Non system generated Pricing
 ***Note: This configuration meets a minimum structural performance of DP 20 through either physical testing or calculations in accordance with AAMA 450 and building code requirements. Mull certification ratings may vary from individual unit certification ratings. Reference the mulling chapter of the ADM for additional information.

| | | | | |
|----------|----------------|--|--|--|
| Line #13 | Mark Unit: W11 | | | |
| Qty: 7 | | | | |



Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 2W1H - RT6 Assembly
 Assembly Frame Size
 60" X 59 1/2"



Entered As: FS
 FS 60" X 59 1/2"
 RO 61" X 60"
 Egress Information A1, A2
 No Egress Information available.

Assembly Rough Opening
 61" X 60"
 RO Springline from bottom: 54 3/32"

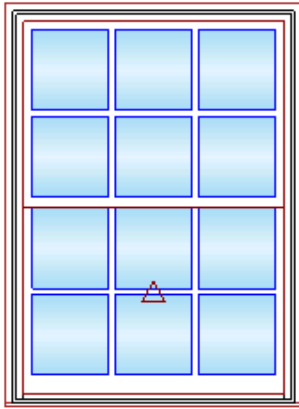
Unit: A1
 Ultimate Casement Picture Round Top - RT21
 Basic Frame 30" X 59 1/2"
 Basic Frame Springline from bottom: 53 3/4"
 Rough Opening 31" X 60"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W3H
 6 Rect Lites
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 Solid Wood Covers

Unit: A2
 Ultimate Casement Picture Round Top - RT22
 Basic Frame 30" X 59 1/2"
 Basic Frame Springline from bottom: 53 3/4"
 Rough Opening 31" X 60"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W3H
 6 Rect Lites
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 Solid Wood Covers
 Standard Mull Charge
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Enclosed Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets
 ***Note: This configuration meets a minimum structural performance of DP 20 through either physical testing or calculations in accordance with AAMA 450 and building code requirements. Mull certification ratings may vary from individual unit certification ratings. Reference the mulling chapter of the ADM for additional information.

| | | | | |
|----------|---------------|--|--|--|
| Line #14 | Mark Unit: W3 | | | |
| Qty: 1 | | | | |



Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 67"
 Rough Opening 49" X 67 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior

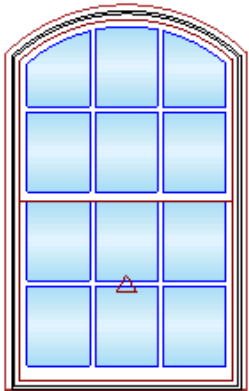


As Viewed From The Exterior

Entered As: FS
 FS 48" X 67"
 RO 49" X 67 1/2"
 Egress Information
 No Egress Information available.

Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 Satin Taupe Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|----------------|--|--|--|
| Line #15 | Mark Unit: W13 | | | |
| Qty: 5 | | | | |



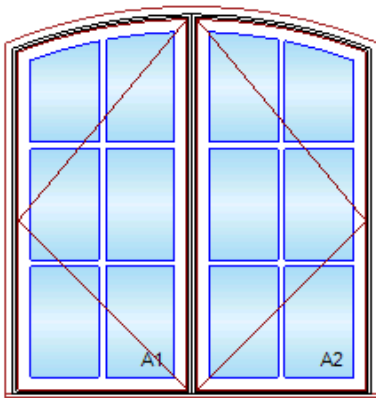
As Viewed From The Exterior

Entered As: FS
 FS 48" X 79"
 RO 49" X 79 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung Round Top G2 - RT6
 Frame Size 48" X 79"
 Unit Is Not WDMA Certified
 Frame Size Springline from bottom: 69 1/2"
 Rough Opening 49" X 79 1/2"
 Rough Opening Springline from bottom: 69 23/32"
 Equal 1-Lite DLO Heights
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 6 Rect Lites
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int

Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 Satin Taupe Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Enclosed Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|---------------|--|--|--|
| Line #16 | Mark Unit: W2 | | | |
| Qty: 13 | | | | |



As Viewed From The Exterior

Entered As: FS
 FS 60" X 63 3/4"
 RO 61" X 64 1/4"
 Egress Information A1, A2
 Width: 24 29/64" Height: 52 57/64"
 Net Clear Opening: 8.98 SqFt
 Sash Limiters and Window Opening Control
 Devices, when engaged, may reduce the egress
 opening dimensions of windows.

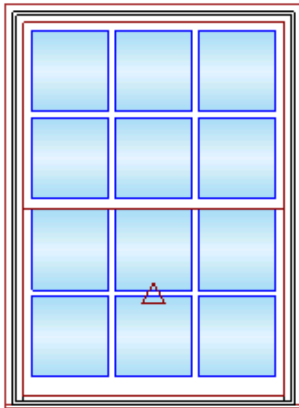
Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 2W1H - RT6 Assembly
 Assembly Frame Size
 60" X 63 3/4"
 Assembly Rough Opening
 61" X 64 1/4"
 RO Springline from bottom: 58 11/32"

Unit: A1
 Ultimate Casement Operator Round Top - RT21
 Left Hand
 Basic Frame 30" X 63 3/4"
 Basic Frame Springline from bottom: 58"
 Rough Opening 31" X 64 1/4"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W3H
 6 Rect Lites
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 White Folding Handle
 White Multi - Point Lock
 Sash Limiter - 3" Travel
 Beige Butt Hinge
 Extruded Aluminum Screen
 White Surround
 Bright View Mesh

Unit: A2
 Ultimate Casement Operator Round Top - RT22
 Right Hand
 Basic Frame 30" X 63 3/4"
 Basic Frame Springline from bottom: 58"
 Rough Opening 31" X 64 1/4"
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 3/4"
 Low E3 w/Argon
 Black Perimeter and Spacer Bar

1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 2W3H
 6 Rect Lites
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Standard Bottom Rail
 Beige Weather Strip
 White Folding Handle
 White Multi - Point Lock
 Sash Limiter - 3" Travel
 Beige Butt Hinge
 Extruded Aluminum Screen
 White Surround
 Bright View Mesh
 Standard Mull Charge
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Enclosed Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets
 ***Note: This configuration meets a minimum structural performance of DP 20 through either physical testing or calculations in accordance with AAMA 450 and building code requirements. Mull certification ratings may vary from individual unit certification ratings. Reference the mulling chapter of the ADM for additional information.
 ***Note: Rotating wash mode hardware is not available on Ultimate Round Top operating units.

| | | | | |
|----------|---------------|--|--|--|
| Line #17 | Mark Unit: W3 | | | |
| Qty: 8 | | | | |



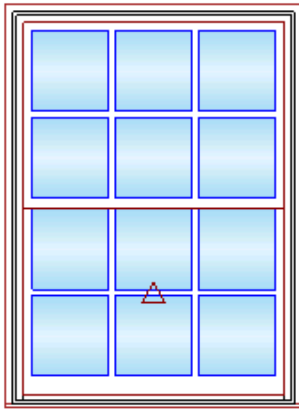
As Viewed From The Exterior

Entered As: FS
 FS 48" X 67"
 RO 49" X 67 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 67"
 Rough Opening 49" X 67 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 Satin Taupe Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh

4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|--------------------|--|--|--|
| Line #18 | Mark Unit: W3 (SP) | | | |
| Qty: 1 | | | | |



As Viewed From The Exterior

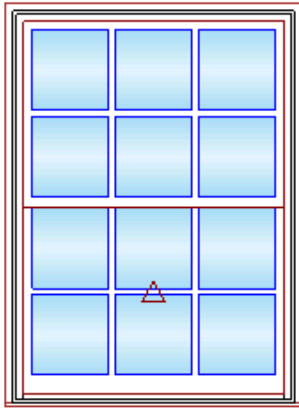
Entered As: FS
 FS 48" X 67"
 RO 49" X 67 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 67"
 Rough Opening 49" X 67 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 #ADD FOR SPANDREL GLAZING
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 Satin Taupe Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets
 # Non system generated Pricing

| | | | | |
|----------|---------------|--|--|--|
| Line #19 | Mark Unit: W3 | | | |
| Qty: 24 | | | | |



Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 67"
 Rough Opening 49" X 67 1/2"
 Glass Add For All Sash/Panels
 Top Sash

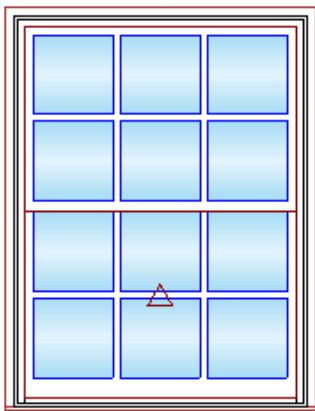


As Viewed From The Exterior

Entered As: FS
 FS 48" X 67"
 RO 49" X 67 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 Satin Taupe Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|---------------|--|--|--|
| Line #20 | Mark Unit: W5 | | | |
| Qty: 9 | | | | |



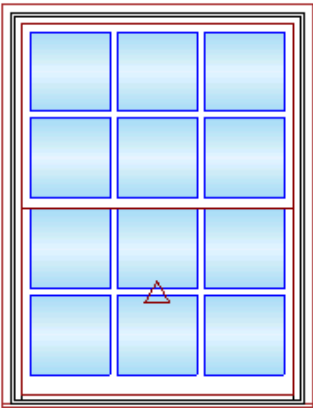
As Viewed From The Exterior

Entered As: FS
 FS 48" X 64"
 RO 49" X 64 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 64"
 Rough Opening 49" X 64 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package

White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|-------------------|--|--|--|
| Line #21 | Mark Unit: W5 (T) | | | |
| Qty: 1 | | | | |



As Viewed From The Exterior

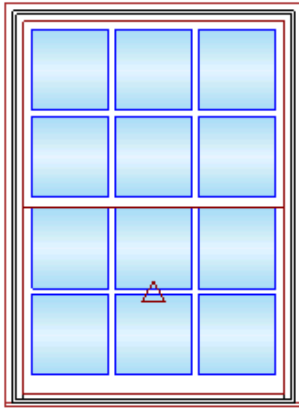
Entered As: FS
 FS 48" X 64"
 RO 49" X 64 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 64"
 Rough Opening 49" X 64 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Tempered Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Tempered Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|------------------------|--|--|--|
| Line #22 | Mark Unit: W3 (T/ OBS) | | | |
| Qty: 2 | | | | |



Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2

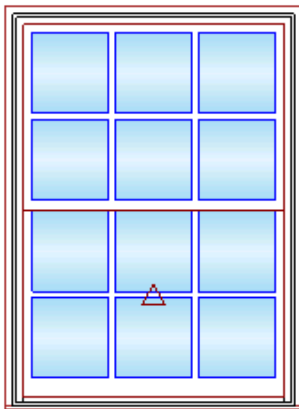


As Viewed From The Exterior

Entered As: FS
 FS 48" X 67"
 RO 49" X 67 1/2"
 Egress Information
 No Egress Information available.

Frame Size 48" X 67"
 Rough Opening 49" X 67 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 1 Lite
 Tempered Low E3 Obscure w/Argon
 Black Perimeter Bar
 1 1/8" SDL - No SBAR
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 1 Lite
 Tempered Low E3 Obscure w/Argon
 Black Perimeter Bar
 1 1/8" SDL - No SBAR
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|--------------------|--|--|--|
| Line #23 | Mark Unit: W3 (SP) | | | |
| Qty: 2 | | | | |



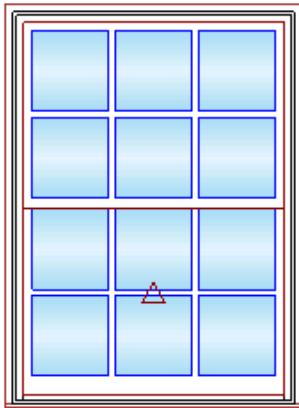
As Viewed From The Exterior

Entered As: FS
 FS 48" X 67"
 RO 49" X 67 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 67"
 Rough Opening 49" X 67 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H

Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 #ADD FOR SPANDREL GLAZING
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets
 # Non system generated Pricing

| | | | | |
|----------|---------------|--|--|--|
| Line #24 | Mark Unit: W3 | | | |
| Qty: 99 | | | | |

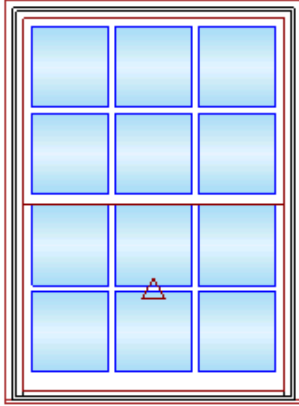


As Viewed From The Exterior

Entered As: FS
 FS 48" X 67"
 RO 49" X 67 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 67"
 Rough Opening 49" X 67 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|-------------------|--|--|--|
| Line #25 | Mark Unit: W3 (T) | | | |
| Qty: 3 | | | | |



As Viewed From The Exterior

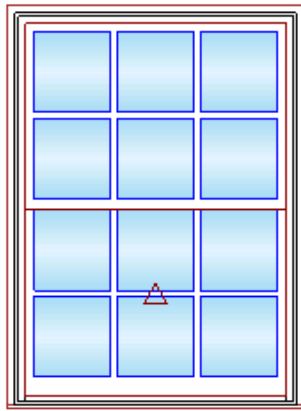
Entered As: FS
 FS 48" X 67"
 RO 49" X 67 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 67"
 Rough Opening 49" X 67 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Tempered Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Tempered Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|------------------------|--|--|--|
| Line #26 | Mark Unit: W3 (T/ OBS) | | | |
| Qty: 3 | | | | |



Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 67"
 Rough Opening 49" X 67 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 1 Lite
 Tempered Low E3 Obscure w/Argon
 Black Perimeter Bar
 1 1/8" SDL - No SBAR
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash

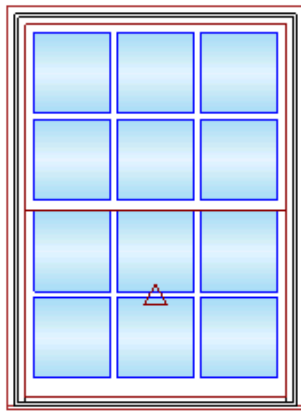


As Viewed From The Exterior

Entered As: FS
 FS 48" X 67"
 RO 49" X 67 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 1 Lite
 Tempered Low E3 Obscure w/Argon
 Black Perimeter Bar
 1 1/8" SDL - No SBAR
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|--------------------|--|--|--|
| Line #27 | Mark Unit: W3 (SP) | | | |
| Qty: 6 | | | | |



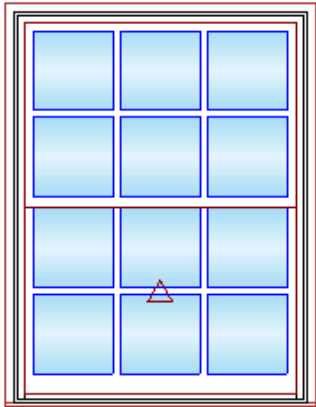
As Viewed From The Exterior

Entered As: FS
 FS 48" X 67"
 RO 49" X 67 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 67"
 Rough Opening 49" X 67 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 #ADD FOR SPANDREL GLAZING
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill

Installed Installation Brackets
 # Non system generated Pricing

| | | | | |
|---------------------|---------------|--|--|--|
| Line #28 Qty: 33 | Mark Unit: W5 | | | |
|---------------------|---------------|--|--|--|



As Viewed From The Exterior

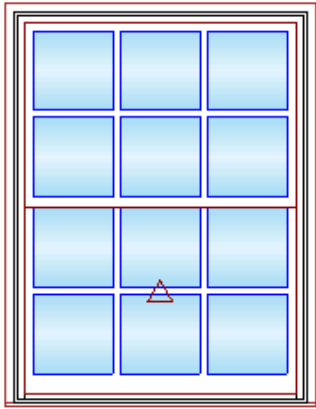
Entered As: FS
 FS 48" X 64"
 RO 49" X 64 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 64"
 Rough Opening 49" X 64 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|--------------------|--------------------|--|--|--|
| Line #29 Qty: 2 | Mark Unit: W5 (SP) | | | |
|--------------------|--------------------|--|--|--|



Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 64"
 Rough Opening 49" X 64 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black

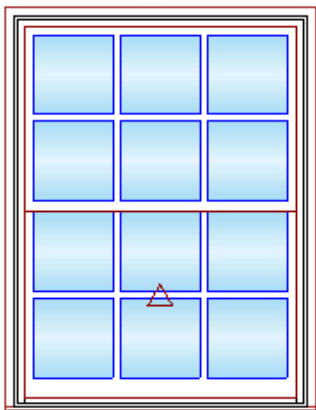


As Viewed From The Exterior

Entered As: FS
 FS 48" X 64"
 RO 49" X 64 1/2"
 Egress Information
 No Egress Information available.

Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 #ADD FOR SPANDREL GLASS
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets
 # Non system generated Pricing

| | | | | |
|----------|------------------------|--|--|--|
| Line #30 | Mark Unit: W5 (T/ OBS) | | | |
| Qty: 1 | | | | |



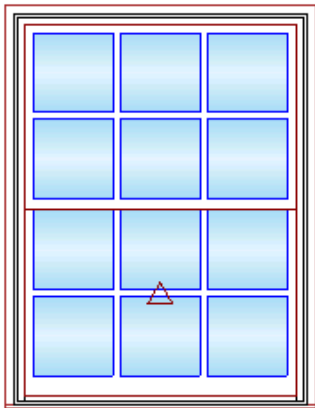
As Viewed From The Exterior

Entered As: FS
 FS 48" X 64"
 RO 49" X 64 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 64"
 Rough Opening 49" X 64 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 1 Lite
 Tempered Low E3 Obscure w/Argon
 Black Perimeter Bar
 1 1/8" SDL - No SBAR
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 1 Lite
 Tempered Low E3 Obscure w/Argon
 Black Perimeter Bar
 1 1/8" SDL - No SBAR
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen

Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|-------------------|--|--|--|
| Line #31 | Mark Unit: W5 (T) | | | |
| Qty: 1 | | | | |



As Viewed From The Exterior

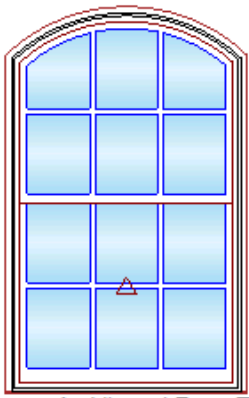
Entered As: FS
 FS 48" X 64"
 RO 49" X 64 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 48" X 64"
 Rough Opening 49" X 64 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Tempered Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Tempered Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|---------------|--|--|--|
| Line #32 | Mark Unit: W4 | | | |
| Qty: 31 | | | | |



Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung Round Top G2 - RT6
 Frame Size 48" X 79"
 Unit Is Not WDMA Certified
 Frame Size Springline from bottom: 69 1/2"



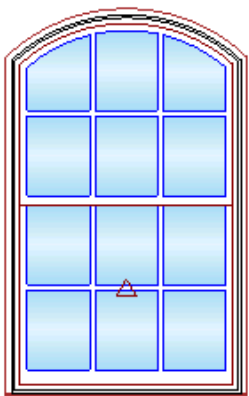
As Viewed From The Exterior

Entered As: FS
 FS 48" X 79"
 RO 49" X 79 1/2"
 Egress Information
 No Egress Information available.

Rough Opening 49" X 79 1/2"
 Rough Opening Springline from bottom: 69 23/32"
 Equal 1-Lite DLO Heights

Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 6 Rect Lites
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Enclosed Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|--------------------|--|--|--|
| Line #33 | Mark Unit: W4 (SP) | | | |
| Qty: 2 | | | | |



As Viewed From The Exterior

Entered As: FS
 FS 48" X 79"
 RO 49" X 79 1/2"

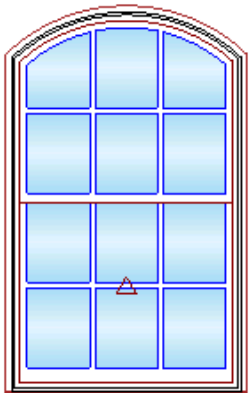
Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung Round Top G2 - RT6
 Frame Size 48" X 79"
 Unit Is Not WDMA Certified
 Frame Size Springline from bottom: 69 1/2"
 Rough Opening 49" X 79 1/2"
 Rough Opening Springline from bottom: 69 23/32"
 Equal 1-Lite DLO Heights

Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 6 Rect Lites
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash

Egress Information
 No Egress Information available.

Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 #ADD FOR SPANDREL GLASS
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Enclosed Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets
 # Non system generated Pricing

| | | | | |
|----------|-------------------|--|--|--|
| Line #34 | Mark Unit: W4 (T) | | | |
| Qty: 1 | | | | |



As Viewed From The Exterior

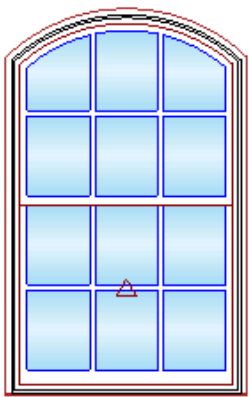
Entered As: FS
 FS 48" X 79"
 RO 49" X 79 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung Round Top G2 - RT6
 Frame Size 48" X 79"
 Unit Is Not WDMA Certified
 Frame Size Springline from bottom: 69 1/2"
 Rough Opening 49" X 79 1/2"
 Rough Opening Springline from bottom: 69 23/32"
 Equal 1-Lite DLO Heights

Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Tempered Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 6 Rect Lites
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Tempered Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen

Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Enclosed Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|------------------------|--|--|--|
| Line #35 | Mark Unit: W4 (T/ OBS) | | | |
| Qty: 2 | | | | |



As Viewed From The Exterior

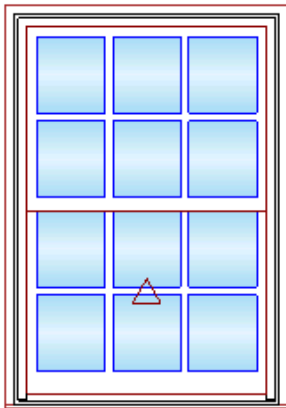
Entered As: FS
 FS 48" X 79"
 RO 49" X 79 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung Round Top G2 - RT6
 Frame Size 48" X 79"
 Unit Is Not WDMA Certified
 Frame Size Springline from bottom: 69 1/2"
 Rough Opening 49" X 79 1/2"
 Rough Opening Springline from bottom: 69 23/32"
 Equal 1-Lite DLO Heights

Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 1 Lite
 Tempered Low E3 Obscure w/Argon
 Black Perimeter Bar
 1 1/8" SDL - No SBAR
 Rectangular - Special Cut 3W2H
 6 Rect Lites
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile

Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG - 1 Lite
 Tempered Low E3 Obscure w/Argon
 Black Perimeter Bar
 1 1/8" SDL - No SBAR
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jamb
 Casing with Subsill
 Pebble Gray 1 5/16" Enclosed Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|----------------|--|--|--|
| Line #36 | Mark Unit: W14 | | | |
| Qty: 7 | | | | |



As Viewed From The Exterior

Entered As: FS
 FS 38" X 56"
 RO 39" X 56 1/2"
 Egress Information
 No Egress Information available.

Pebble Gray Clad Exterior
 Painted Interior Finish - White - Pine Interior
 Ultimate Single Hung G2
 Frame Size 38" X 56"
 Rough Opening 39" X 56 1/2"
 Glass Add For All Sash/Panels
 Top Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 Bottom Sash
 Pebble Gray Clad Sash Exterior
 Painted Interior Finish - White - Pine Sash Interior
 IG
 Low E3 w/Argon
 Black Perimeter and Spacer Bar
 1 1/8" SDL - With Spacer Bar - Black
 Rectangular - Special Cut 3W2H
 Pebble Gray Clad Ext - Painted Interior Finish - White - Pine Int
 Ogee Interior Glazing Profile
 White Interior Weather Strip Package
 Beige Exterior Weather Strip Package
 White Non-Tilt Custodial Sash Lock
 White Top Sash Strike Plate Assembly Color
 Bottom Sash Limiter - 4" Net Clear Opening
 Extruded Aluminum Half Screen
 Pebble Gray Surround
 Bright View Mesh
 4 9/16" Jambs
 Casing with Subsill
 Pebble Gray 1 5/16" Clad BMC
 Pebble Gray A246 Subsill
 Installed Installation Brackets

| | | | | |
|----------|---------------------------|--|--|--|
| Line #37 | Mark Unit: SPANDREL SETUP | | | |
| Qty: 1 | | | | |



Entered As:
 Egress Information
 No Egress Information available.

Ultimate Other (specify in Unit Description)
 SPANDREL GLASS SETUP CHARGE
 ***Note: ETO: Non-System Generated Pricing.


**SHERWIN
WILLIAMS.**

Loxon® XP

Waterproofing Masonry Coating - Flat

LX11-50 Series

CHARACTERISTICS

Loxon XP is an exterior, high build coating that provides excellent flexibility, durability, and weather resistance. This product will protect against wind-driven rain when used on concrete, CMU, stucco and shotcrete/gunite. It is highly alkali and efflorescence resistant. This may be applied to a surface with a pH of 6 to 13.

Apply directly to fresh concrete (at least 7 days old).

Shotcrete-gunite surfaces may be painted after 3 days.

Can be applied over high pH (up to 13) substrates, no primer required.

Can be applied down to 35°F.

Color: Most Colors

1 coat system, brush, roller, or spray applied, coverage per coat:

Wet mils: 14.5-18.5
 Dry mils: 6.5-8.4
 Coverage: 85-110 sq. ft. per gallon
 Can be applied up to 40 mils wet.
 Coverage will vary with the substrate and the texture.
 Coverage on porous & rough stucco 80 square feet per gallon.

Drying Schedule @ 50% RH:

| | @35-45°F | @45°F |
|------------------|-------------|----------|
| To touch | 6 hours | 4 hours |
| To recoat | 24-48 hours | 24 hours |

Drying and recoat times are temperature, humidity, and film thickness dependent.

Finish: 0-10 units @ 85°

Tinting with CCE only:

| Base | oz. per gallon | Strength |
|--------------|----------------|-----------|
| Extra White | 0-6 | SherColor |
| Deep Base | 4-12 | SherColor |
| Ultradeep | 10-12 | SherColor |
| Light Yellow | 0-12 | SherColor |

Extra White LX11W0051

(may vary by color)

V.O.C. (less exempt solvents):

less than 50 grams per litre; 0.42 lbs. per gallon
 As per 40 CFR 59.406

| | |
|---------------------------|---------------------|
| Volume Solids: | 45 ±2% |
| Weight Solids: | 61 ±2% |
| Weight per Gallon: | 11.46 lbs |
| Flash Point: | N.A. |
| Vehicle Type: | Proprietary Acrylic |
| Shelf Life: | 36 months, unopened |

Mildew Resistant:

This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

08/2025

COMPLIANCE

As of 08/20/2025, Complies with:

| | |
|--------------------------------------|---------|
| OTC | Yes |
| OTC Phase II | Yes |
| S.C.A.Q.M.D. | Yes |
| CARB | Yes |
| CARB SCM 2007 | Yes |
| CARB SCM 2020 | Yes |
| Canada | Yes |
| LEED® v4 & v4.1 Emissions | N/A |
| LEED® v4 & v4.1 V.O.C. | Yes |
| EPD-NSF® Certified | Yes |
| MIR-Manufacturer Inventory | N/A |
| MPI® | #10, 40 |
| SWRI® - Wall Coating | Yes |

APPLICATION

Temperature:

minimum 35°F
 The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

Reducer: Do Not Reduce

Airless Spray:

Pressure 2300 p.s.i.
 Tip .021 inch

Brush: Use a nylon-polyester brush such as Purdy® Pro-Extra®

Roller Cover: 1/2-1 1/2 inch nap synthetic roller cover such as Purdy® Marathon®

The substrate and its condition will determine the application procedure. Considerations to minimize pinholes:

- 2 coat application with overnight drying between coats
- Spray application with backrolling
- Power rolling

Spray and backroll on porous & rough stucco to achieve required film build and a pin-hole free surface.

When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours.

Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.

Do not reduce.

www.sherwin-williams.com

APPLICATION TIPS

For proper waterproofing performance and to resist alkalis, 2 coats of the coating **MUST** be applied between 14.5 -18.5 mils wet per coat.

A total dry film thickness of 13 - 16.8 mils of topcoat and a surface with 10 or less pinholes per square foot is required for a waterproofing system.

For extremely porous block, a coat of Loxon Block Surfacers may be required to achieve a pinhole free surface.

For rehabilitating existing concrete water tanks, additional products may be used.

Suitable for use on overhead horizontal surfaces providing the adjoining parapet top caps, balconies, soffits, floors, roofs, and decks are sealed against water penetration.

RECOMMENDED SYSTEMS

Concrete, Stucco, Concrete Block, CMU, Split-face Block, and other Cementitious surfaces:

1 coat of Loxon Block Surfacers (if needed)
 or
 1 coat Loxon Conditioner (if needed)
 1-2 coats Loxon XP

Previously Coated in good condition:

After power washing, apply 1 coat of Loxon XP over the surface.

Incidental Wood:

1 coat Exterior Latex Wood Primer
 1-2 coats Loxon XP

Incidental Metal:

(steel, galvanized, or aluminum)

1 coat Pro Industrial™ Pro-Cryl® Primer
 1-2 coats Loxon XP

Waterproofing System:

- Two coats of topcoat
- 6.5 to 8.4 mils dft per coat
- 13 to 16.8 mils total dry film thickness
- 10 or less pinholes per square foot

continued on back

Loxon® XP

Waterproofing Masonry Coating - Flat

SURFACE PREPARATION

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Concrete, CMU Stucco:

On tilt-up and poured-in-place concrete, commercial detergents and sandblasting may be necessary to remove sealers, release compounds, and to provide an anchor pattern. Concrete and mortar must be cured at least 7 days at 75°F. Fill bugholes, air pockets, cracks, and other voids with an elastomeric patch or sealant. Rough surfaces can be filled to provide a smooth surface.

Incidental Metal:

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, wire brush, or other abrading method. Primer required.

Incidental Wood:

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All patched areas must be primed. Primer required.

Sealing and Patching:

After cleaning the surface thoroughly, prime the concrete surface with Loxon XP, apply an elastomeric patch or sealant if needed, allow to dry, then topcoat.

To improve the performance, consider:

- Use caution when preparing the substrate to create a uniform surface.
- Cracks, crevices, and through-wall openings must be patched with an elastomeric patch or sealant.
- Fill voids and openings around window and doors with an elastomeric patch or sealant.
- Stripe coat all inside and outside corners and edges with 1 coat of Loxon XP coating.

Mildew - Clean mildew from the Surface: Mildew is a fungus that looks like dirt but won't wash off. Mildew must be removed before painting, or it will grow through any new coat of paint. To remove mildew or suspected mildew, scrub surface before painting with a commercial mildew remover following manufacturer's safety instructions.

PHYSICAL PROPERTIES

LX11W0051

Wind-Driven Rain Test:

Method: ASTM D6904 7 day cure
Result: Pass
2 coats Loxon XP @ 8.1 mils d.f.t. per coat

Water Vapor Permeance:

Method: ASTM D1653 Method B, Condition A-Wet cup, 7 day cure @73°F & 50% RH:
Result: (perms) 18.03 grains/h-ft²in Hg.
2 coats Loxon XP @ 8.1-mils d.f.t. per coat

Elongation at Break:

Method: ASTM D412-16, Method 1, Die C
7 day cure @73°F & 50% RH
Result: Tensile Strain at Break 335.4%
2 coats Loxon XP @ 7.8-mils total d.f.t.

Elongation Recovery (2 cycle recovery):

Method: ASTM D412-16, Method 1, Die C
7 day cure @73°F & 50% RH
Result: After 10 minutes: 87.5%
After 24 hours: 92.1%
2 coats Loxon XP @ 7.8-mils total d.f.t.

Tensile Strength:

Method: ASTM D412-16, Method 1, Die C
7 day cure @73°F & 50% RH
Result: 423.7 p.s.i.
2 coats Loxon XP @ 7.8-mils total d.f.t.

Flexibility:

Method: ASTM D522
9 mils d.f.t., 1 day cure
Result: Pass 1/8 inch

Alkali Resistance:

Method: ASTM D1308
7 day cure, 11.25 mils d.f.t.
Result: Pass

Chloride Ion Permeability:

Method: 243 coulombs
Result: "Very Low" Permeability Class

CO₂ Diffusion (anti-carbonation):

Method: ASTM F2476
Result: 344 meters
Equivalent air thickness >50 meters to pass
8.0 g/m²/24 hrs

Efflorescence:

Method: ASTM D7072-19
1 coat, 1 day cure, 7.2 d.f.t.
Result: Pass

Crack Bridging: Class A5

Method: EN 1602-7 Method A
Result: up to 2.5 mm @ -10°C, Pass

Adhesion:

Method: ASTM D4541
2 coats, 7 day cure, 7.2 d.f.t. per coat
Result: 375 average p.s.i.

Dry Film Algal Resistance:

Method: ASTM D5589
Result: 48 hours, 1.1 Rating, Trace Growth

Dry Film Chalking:

Method: ASTM D4214
Result: Pass

Salt Spray :

Method: ASTM B117-16
300 hours, Blasted Steel Panels, 7 day cure
Result: 4D Blisters, 0 Rust Creep, Rating 10
1 coat Pro Industrial ProCryl Primer @3.5 d.f.t
1 coat Loxon XP @ 150-160 sq. ft²/gal

SAFETY PRECAUTIONS

For exterior use only.

Do not paint on wet surfaces.

Protect from freezing.

Non-photochemically reactive.

Not for use on horizontal surfaces (floors, roofs, decks, etc.) where water will collect.

Not for use below grade. Will not withstand hydrostatic pressure.

Before using, carefully read **CAUTIONS** on label.

ZINC. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

HOTW 08/20/2025 LX11W0051 42 00
FRC, SP

CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm clean water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

READ PRIOR TO FILLING OUT APPLICATION

Regularly held Historic District Commission (HDC) Meetings are scheduled to be conducted every third (3rd) Monday of each month. Meetings begin at 6:00 PM and are held in the City Council Chambers on the 2nd Floor in City Hall, 161 W. Michigan Ave., Jackson, MI 49201.

Failure to submit a complete application, including all required pictures and construction documents, will significantly delay review.

To be considered for the next available agenda, applications shall be submitted not less than eleven (11) calendar days prior to the next regularly scheduled meeting date.

Your application will not be processed until all the required information is received and staff deems complete.

If the subject property is a local historically designated property, building permits for exterior work will not be issued prior to Application for Permission review by the HDC. If approved, a Certificate of Appropriateness will be issued to the applicant.

Completed applications for permission to be considered by the Historic District Commission (HDC) may be submitted by one (1) of the following methods:

- 1) Email to: joconnor@cityofjackson.org
- 2) Mail to: Historic District Commission
c/o R. John O'Connor
161 W. Michigan Ave.
Jackson, MI 49201
- 3) Hand deliver to 3rd Floor City Hall, Community Development Department

The HDC follows the Secretary of the Interior's Standards for Rehabilitation to evaluate Applications for Permission.

Historic District Commission Application for Permission

APPLICANT

Name: Sharon Vanderpool
Address: 214 4th St
City: Jackson State: MI Zip: 49201
Phone: 517 4166660 Email: _____
scvanderpool@gmail.com

PROPERTY INFORMATION Same as applicant

Owner Name: John & Sharon Vanderpool
Address: _____
City: _____ State: _____ Zip: _____
Phone: () _____ Email: _____

CONTRACTOR INFORMATION N/A

Name: May's Construction Co
Address: 2190 Brooklyn Rd, Ste C
City: Jackson State: MI Zip: 49203
Phone: 517 17828282 Email: _____

ARCHITECT INFORMATION N/A

Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: () _____ Email: _____

DESCRIPTION OF CHANGES

Detailed Description

Provide a detailed description of the work you plan to complete on the next page. After review, the HDC shall make a determination as to whether the proposed change is compatible with the existing structure.

Categories to be considered shall include form, proportion, configuration, building materials, texture, color, location on the site and landscaping. Add brand names where appropriate.

Special Considerations

Porches

- Details such as brackets, balustrades, columns, tiles, roof decorations and railings must be retained.
- Railing shall be constructed of appropriate material complimentary to the design of the porch.
- Repair decking with like material.
- Repair columns with like material.

Windows and Doors

- Introducing or changing the location or size of existing windows, doors and other openings that alter the architectural and historical character of the building shall not be permitted.
- Decorative windows such as Palladian, oriels, bays, Gothic arch, or segmented tops shall not be removed or altered.

Historic District Commission
Application for Permission

- When possible, repairing and retaining original windows and doors is preferable. If not repairing existing windows, please be prepared to explain rationale to the HDC.
- X Replacement windows shall duplicate the appearance of the existing original windows in design, size, proportion, reflective qualities and profiles including the profile of sash rails, stiles, mullions and muntins.

New Construction

After review, the HDC shall determine whether a proposed structure is compatible with other structures in the district. Categories to be considered shall include form, proportion, mass, configuration, building materials, texture, color, location on the site and landscaping.

DESCRIPTION OF CHANGES

Replacement windows

1st floor - 9 windows

↓ 3 kitchen

2- dining room

4- living room

2nd floor

3 bedrooms - each has 3 windows

1 bedroom has 1 window

1 bathroom has 1 window

upstairs hall has 3 windows

14 total - second floor

total replacements - 23 windows eventually

this year - 3 kitchen windows

and 2 windows - living room - south side

All will be double hung ^{white} windows - with grids on top - plain pane on bottom. Matching what we are replacing.

Mezzo windows - work done by Mays Construction

Historic District Commission Application for Permission

SUPPORTING MATERIALS

These supporting materials comprise key components of the application and must be submitted prior to evaluation of your application by the Historic District Commission. Please submit these materials along with your application.

- Site plan and building elevations of proposed alteration(s)
- Current photos of each side of the building, including areas with proposed alteration(s)
- Detailed sketch of renovations/repairs applicant intends to perform on the structure
- Catalog or specification sheets clearly indicating selection of materials and products

Anticipated Date of Completion: _____

Cost of Alteration: _____

FIRE SAFETY

Does this building contain a fire suppression system? If so, what type? Examples of a fire suppression system are fire alarm systems and smoke alarms. This question is required by state legislation, which requires that applicants must certify that a fire suppression system is present or will be installed before the completion date of the project.

Is there an existing a fire suppression system? Yes No

If yes, check all that apply:

Fire Alarm Smoke Detector Sprinkler System Other

If no, please certify a fire alarm system or smoke alarm will be installed prior to date of completion:

I certify I will install a fire suppression system prior to date of completion.

I hereby acknowledge that this information is complete and accurate; that the work will be performed and completed as approved by the City of Jackson Historic District Commission.

Sharon Vandenberg owner of John
Applicant Signature

4-26-26
Date

Owners Signature
(if different than applicant)

Date

214 4th St,
10664
49201



R. Johnson





Living Room - South Side



Living Room

May's Construction, Co.

2190 Brooklyn Rd. Suite C. Jackson, MI 49203
517-782-8282 or 800-578-8097
FAX 517-782-2933 www.maysconstruction.com

Proposal and Acceptance

NAME: John & Sharon Vanderpool PHONE: 517-416-4359 or 416-6660
STREET: 214 4th. St. DATE: 05-01-2026
CITY & ST: Jackson, MI 49201 Email: johnmv@umich.edu

Option #1 Windows:

Supply and install 3 Mezzo white double hung tilt to wash oriel style vinyl windows in kitchen. Windows include Clima-Tech Plus s3 double pane glass, colonial style grids in top sash (see salesman for grid patterns), foam enhanced frames, and half screens. Insulate around new windows with minimal expansion foam. Trim exterior as necessary with white aluminum and caulk with high quality sealant. Caulk with high quality sealant. Haul away old windows on completion. Lifetime Limited Manufacturer's Warranty.
Includes City of Jackson permit.

Option #1 Cash Total: \$2,571.00

Option #2:

Supply and install two additional double hung oriel style windows in south wall of living room. These windows will be Dark Oak interior and White exterior. Grids will be color matched to the interior and exterior colors. All other specifications are the same as Option #1 above.

Option #2 Cash Total: \$2,036.00

Option #3:

Supply and install four additional double hung oriel style windows in Front wall of living room and dining room. These windows will be Dark Oak interior and White exterior. Grids will be color matched to the interior and exterior colors. All other specifications are the same as Option #1 above.

Option #3 Cash Total: \$3,860.00

Approximately 3-5 months out on installation.

All materials are guaranteed to be as specified. All work to be completed in a workman-like manner according to standard practice. Balance due upon completion. Either party may cancel this transaction, without any penalty or obligation, within three business days from this date of acceptance. Our workers are fully covered by Work-men's Compensation Insurance. License # 2102202089. Non-payment will result in a lien upon the premise.

Authorized Signature: Colin Sommers

Note: This proposal may be withdrawn by us if not accepted within 10 days.

50% down with balance due on completion. Credit card use will result in a 3% fee which will be added to total being charged.

Acceptance of Proposal-The above prices specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date: _____

Signature: _____