



### **Our Vision**

Red Wing thrives as a vibrant, creative river town that values its natural environment, welcomes all people, and unlocks opportunity for everyone.

### **Our Mission**

We strive to create a sustainable, healthy, accessible, resilient, and equitable community where every person feels at home.

**Statement of Intent:** We gather today in this room as one people to discuss and attend to the matters of Red Wing. Together, as a government body and as community members, we agree to treat everyone with courtesy, dignity, and respect. We will listen to all sides of an issue, encourage participation, support each other, act with honor and accountability, and inspire pride in our community. This we commit as we open this meeting.

## **Meeting Announcement and Agenda Heritage Preservation Commission Regular Meeting City Council Chambers, 315 West 4th Street, Red Wing, MN & Virtually Wednesday, August 6, 2025, at 5:30 PM**

This meeting will be held in the City Hall Council Chambers and virtually via Webex at the same time. Members of the public can join this meeting either in person at City Hall or virtually. To join this meeting via Webex, [click this link](#). To join via telephone, please dial (415) 655-0001. Enter access code 2559 341 8315 and password 2025 when prompted.

### **1. Call to Order**

### **2. Roll Call**

### **3. Approval of Agenda**

### **4. Approval of Minutes**

4.A. Draft Minutes of the July 2, 2025, Regular Meeting

### **5. Public Comment**

We now invite anyone to share their thoughts on a topic that is not on the agenda. We welcome all opinions and ideas. We appreciate you stating your name at the lectern, and please remember that personal attacks may be ruled out of order. You will have up to three minutes to comment, and we appreciate your time in coming tonight.

### **6. Motions & General Business**

6.A. Presentation and Donation Request by Bennett Thomas, Regarding an Eagle Scout Project to Restore Site Amenities at the Goodhue County Poor Farm Cemetery

6.B. Design Review - Freestanding Sign (Refacing) at 433 W. Third Street for Knight Barry Title Group

6.C. Design Review - Awning Sign at 219 Bush Street for La Dolce Vita

6.D. Design Review Amendment - Major Facelift to West, North, and East Facades at 317 Bush Street

6.E. Design Review - Major Facelift to the North Wall and Upper Story Window Replacement at 325 Plum Street

6.F. Design Review - Upper Story (Rear) Window Replacement at 309 Bush Street

**7. Communication Items**

7.A. Staff Status Report (Verbal)

7.B. Commissioner Comments

7.C. Council Liaison Comments

**8. Adjournment**

Accommodations for signing interpreter, Braille, large print, etc. can be made. Call City Hall at 385.3600 seven days prior to the need. Hearing assistance devices are available during meetings.

**The 542<sup>nd</sup> Meeting of the Red Wing Heritage Preservation Commission  
Regular Meeting  
City Council Chambers  
July 2, 2025**

**Members Present:** Chair Brooke Reinke; Commissioners Kent Tsui, Sue Dicke, Ruth Nerhaugen, Jenifer Majerus, and Paul Pflueger

**Members Absent:** Commissioner Lottie Aslakson

**Others Present:** Steve Kohn, Planning Manager / Staff Liaison; Gary Iocco, Mayor; Council Liaison Janie Farrar

**1. Call to Order**

The meeting was called to order by Chair Reinke at 5:30 p.m.

**2. Oath of Office**

**A. Paul Pflueger to a First Term Ending December 31, 2027.**

Mayor Iocco administered the Oath of Office for Commissioner Pflueger. Commissioner Pflueger introduced himself and was welcomed by HPC members.

**3. Roll Call**

Chair Reinke and Commissioners Tsui, Dicke, Nerhaugen, Majerus, and Pflueger were in attendance.

**4. Approval of Agenda**

Manager Kohn reported that the developers of the Boxrud Building have requested to share some proposed storefront revisions with the HPC. Manager Kohn suggested the addition of Item 7C to the meeting agenda.

A motion was made by Commissioner Dicke, seconded by Commissioner Majerus and unanimously carried, to approve the agenda, with the addition of Item 7C.

**5. Approval of Minutes**

**A. Draft Minutes from the June 4, 2025, Regular Meeting.**

A motion was made by Commissioner Tsui, seconded by Commissioner Majerus and unanimously carried, to approve the meeting minutes as drafted.

**6. Public Comment**

There was no public comment regarding items not listed on the agenda.

**7. Motions and General Business**

**A. Design Review: Building Sign and Projecting Sign at 417 Main Street for Smith + Trade Mercantile.**

Manager Kohn reviewed the signage application and concept photos, including the locations of the signs along with the proposed materials and colors.

Manager Kohn stated that staff recommends approval of the design review. The placement of the signage was clarified. Manager Kohn indicated that proposed signage for another building tenant, Adourn, would be discussed later during the meeting. The brackets for the projecting sign were discussed.

A motion was made by Commissioner Tsui, seconded by Commissioner Nerhaugen and unanimously carried, to approve the design review for a building sign and a projecting sign at 417 Main Street for Smith + Trade Mercantile as submitted.

**B. Design Review: Projecting Sign at 413 Main Street for Adourn.**

Manager Kohn provided background information and reviewed concept drawings for the proposed projecting sign. He noted that the proposed building and window signage would not require a permit. He stated that staff recommends approval of the design review.

A motion was made by Commissioner Dicke, seconded by Commissioner Nerhaugen and unanimously carried, to approve the design review for a projecting sign at 413 Main Street for Adourn as submitted.

**C. Design Review Update for Boxrud Building.**

Manager Kohn provided background information, referenced a past design review, and reviewed proposed revisions to the front facade. The proposed door materials and colors were discussed, and Manager Kohn indicated that staff supports the proposed changes. Front facade colors were further discussed. Apurva Patel, representing the applicant, provided additional information.

A motion was made by Commissioner Tsui, seconded by Commissioner Majerus and unanimously carried, to change the lintel color to gray to match the storefront panels and allow black/bronze painted metal doors instead of the earlier proposed woodgrain skin product.

**8. Communication Items**

**A. Staff Status Report.**

Staff Liaison Kohn discussed a new Downtown Main Street revitalization program. He noted that HPC design reviews may be required to receive grant funding toward some of these projects.

Manager Kohn reported that the ribbon cutting ceremony at He Mni Can / Barn Bluff will likely be scheduled in early fall, due to current utility work in conjunction with a trail project.

An update was provided regarding Federal grant funding toward projects.

The PreserveMN 2025 conference in New Ulm was discussed.

**B. Commissioner Comments.**

There were no Commissioner comments.

**C. Council Liaison Comments.**

Council Liaison Janie Farrar discussed the 2026 budget planning process.

**9. Adjournment**

Chair Reinke adjourned the meeting at 6:16 p.m.

Goodhue County led the way when the Minnesota Legislature enacted a law in 1864 requiring all counties to establish poor farms as a vital part of the state's poor relief system. Supporters believed that working on a farm would help the poor become self-supporting, and that the farm would generate enough revenue to cover costs.

The County Board voted to seek a location in January, before the new law even became effective. By April, the county had purchased a 200-acre farm in Burnside Township, about 3 miles west of Red Wing, and opened the doors to the poor —immigrants, children, the elderly and disabled individuals. The youngest resident was a one-month-old baby. Miss Lillian Duffell stayed the longest, from 1906 until her death in 1957.

Although the farm did not pay for itself, Goodhue County continued to support it. Additional land was purchased to expand the farm operation to well over 300 acres. In 1956 the county sold 89 acres to create the Red Wing Industrial Park, which is located on the north side of Highway 61.

The original wooden farm home was destroyed by fire in 1889 with no loss of life. The following year a brick building was erected "in a grove of trees about 200 feet back from the road," according to newspaper accounts. It was considered "the best poor house of its day," and folks from other counties came to get ideas for their own facilities.

The two-story Alms House had a planned capacity of 16, but the average was 20 residents and during the Great Depression in 1933, the number surged to about 50. Most of the residents were men, who slept in dormitories on the upper floor.

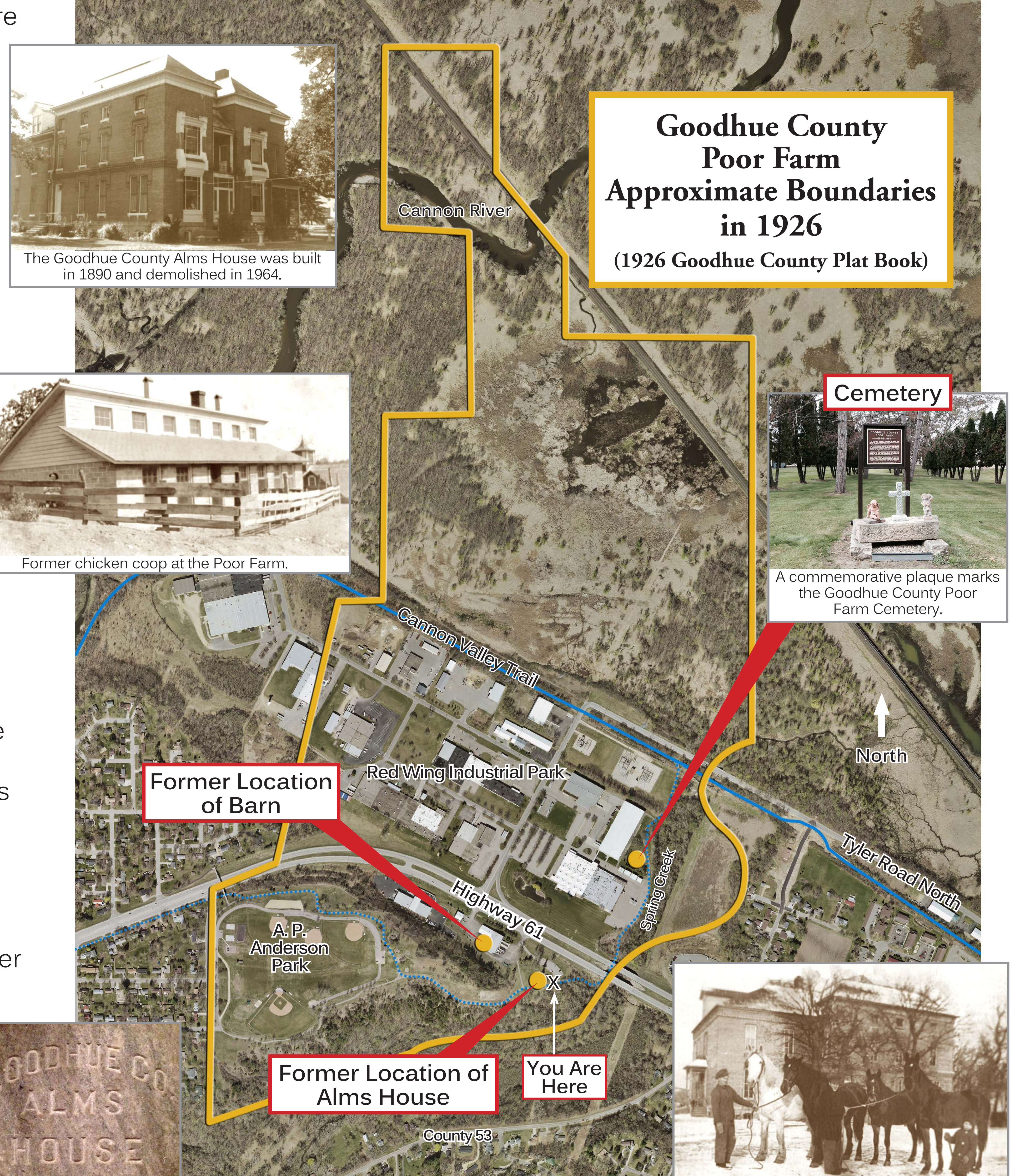
The Goodhue County Poor Farm was in operation until 1963. At that time farm machinery, cows and pigs were dispersed at auction. The house was demolished in 1964, exactly 100 years after the poor farm was established. During its existence, it housed more than 1,500 men, women and children. Not only was it the first in the state to open, but it was also the last Minnesota poor farm to close.

All that remains today is a small cemetery on the far side of Highway 61 on Red Wing Shoe Co. property adjacent to the Cannon Valley Trail. It contains the remains of 43 former poor farm residents who died between approximately 1926 and 1939. The cemetery was restored by Red Wing Shoe Co. in 1981 and is marked by a commemorative plaque.

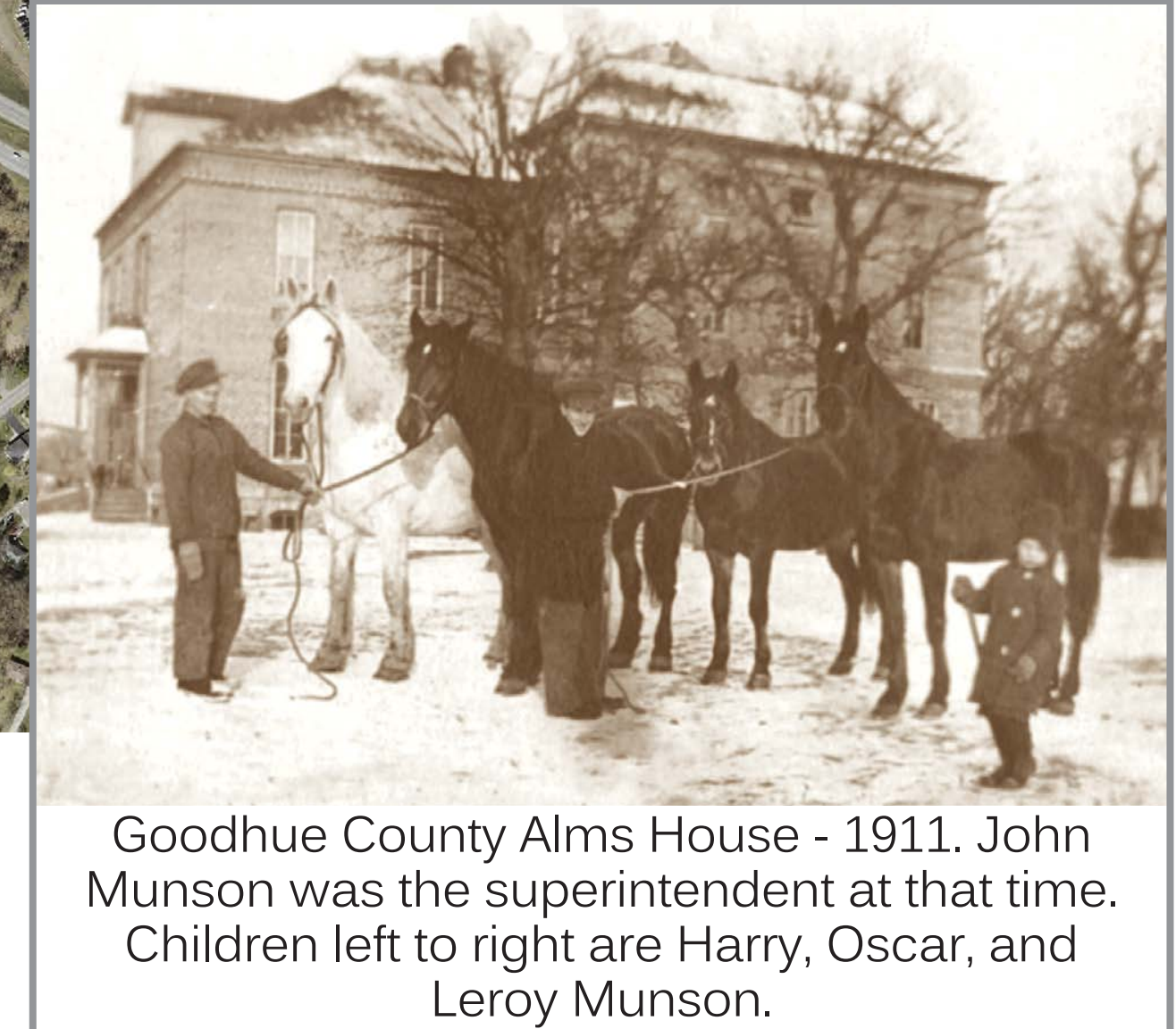
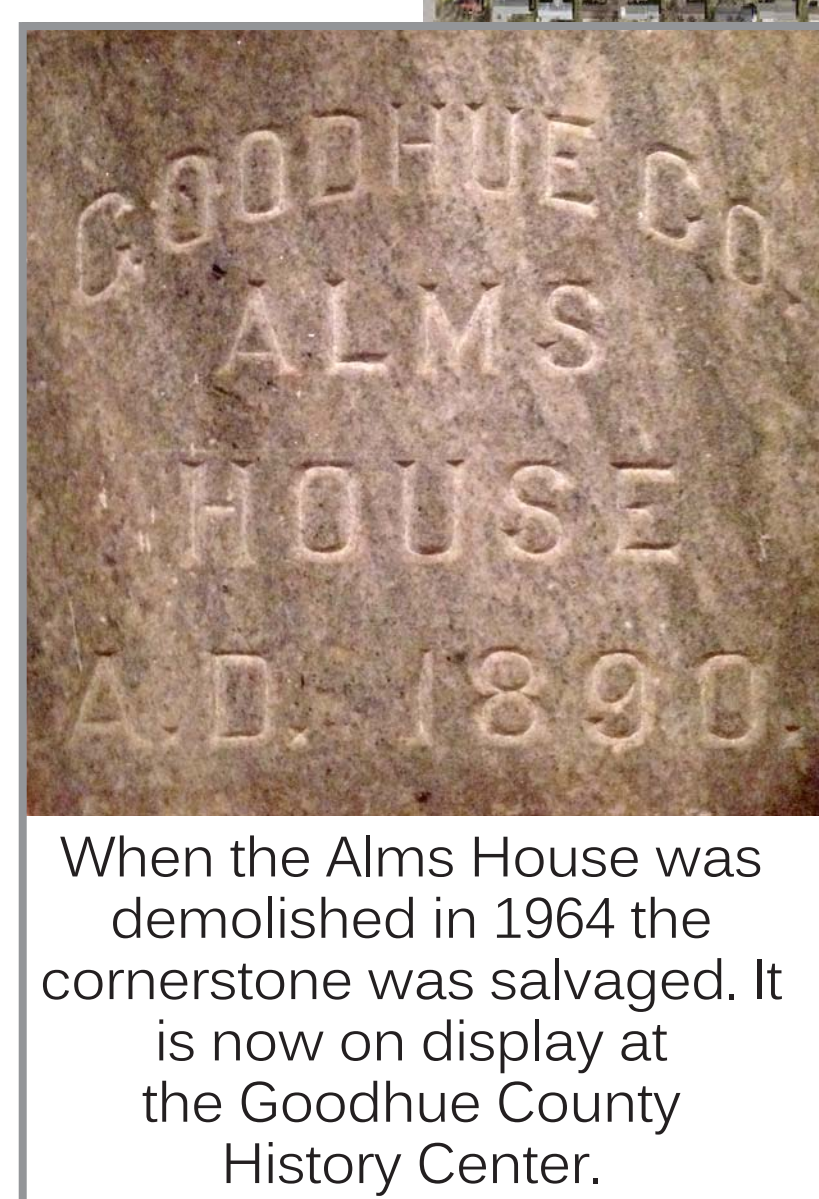
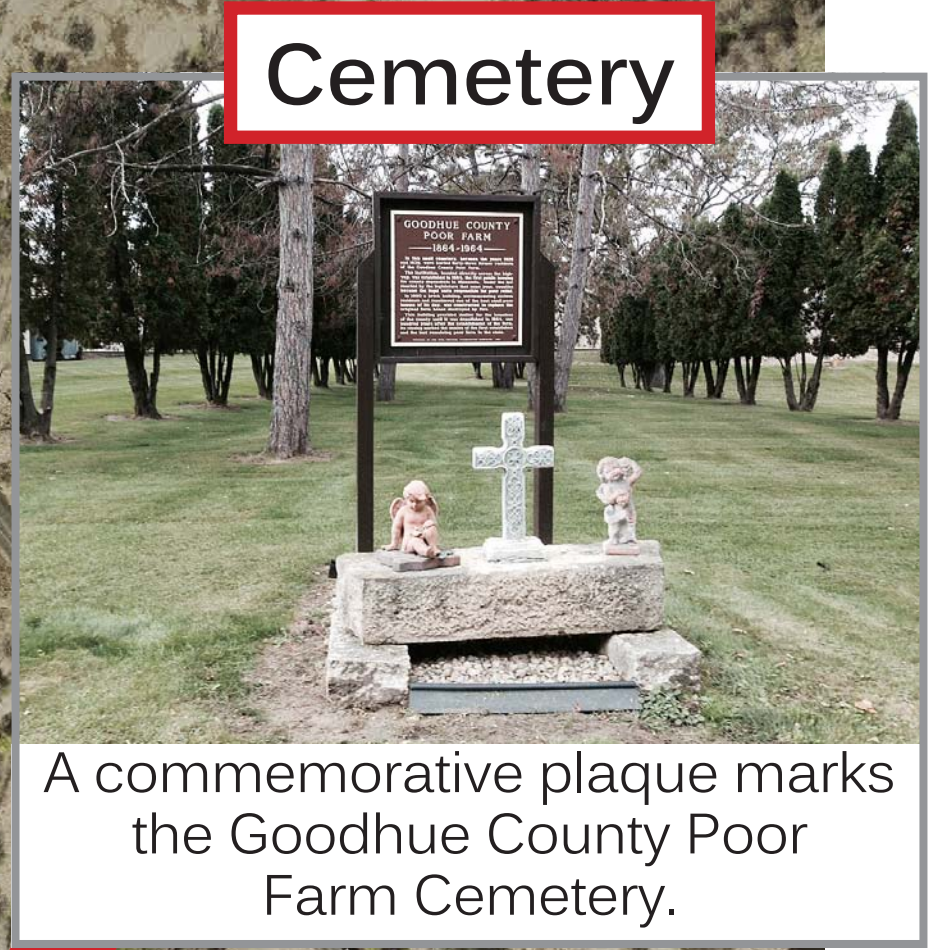
**Red Wing Heritage Preservation Commission**

**Dave Brown, Red Wing Resident**

~ 2015



**Goodhue County Poor Farm**  
**Approximate Boundaries in 1926**  
(1926 Goodhue County Plat Book)



## **Agenda Item**

06.B. – Heritage Preservation Design Review for Freestanding Sign at 433 W. 3<sup>rd</sup> Street

## **Action Requested**

Motion to Adopt Staff Recommendation

## **Attachments**

- Photos/Drawing

## **Prepared By**

Steve Kohn, Planning Manager, August 4, 2025

## **Background**

Knight-Barry Title Group, 433 W. 3<sup>rd</sup> Street, has submitted a Sign Permit application and a Heritage Preservation Design Review application to reface an existing freestanding sign that is located in a courtyard on the west side of the building near the main entrance to the building. The sign was approved by the HPC in 1995 and is used to list tenants in the building. The simple sign consists of two posts and a 4'x4' double-sided sign panel.

The proposal involves a change in post and background color from beige and maroon to black, and new graphics for current tenants. Four different businesses are listed on the proposed sign, along with the building name. Each business is proposing to use its existing logos, fonts, and colors.

Please see the attached photos/drawing.

## **Analysis**

The freestanding sign is located in the courtyard between the building and the T.B. Sheldon Memorial Auditorium and is approximately 6' tall. The sign does not meet current freestanding sign setbacks, but it can be refaced with a Sign Permit and HPC review. The sign is located near a rear parking area and directs customers to the main entrance.

The proposed location of the sign is appropriate and has been utilized for the past 30 years. The sign is relatively small at 16 square feet. Chapter 16 normally allows only two different fonts/lettering styles to be used on a sign; since this is a tenant identification sign, staff does not believe this guideline applies. The proposed black posts and background are appropriate for the property and district.

Staff finds that the proposed sign will not alter or destroy the distinguishing original qualities and character of the building and district. The sign appears to meet all sign regulations in the Sign Ordinance and the Heritage Preservation Ordinance. Chapter 16 indicates that sign colors should blend with the building façade and be compatible with the property's use.

## **Staff Recommendation**


Staff recommends approval of the Design Review Form as submitted.




**EXISTING**

THE EAGLE BUILDING

**Knight | Barry**  
TITLE GROUP

 **ENDURANCE**  
WEALTH MANAGEMENT

 **TRUE NORTH**  
Fiduciary Services LLC

 **CANOPY**  
FINANCIAL GROUP

**PROPOSED**

## **Agenda Item**

**6.C.** – Heritage Preservation Design Review for La Dolce Vita - Awning Sign at 219 Bush Street

## **Action Requested**

Motion to Adopt Staff Recommendation

## **Attachments**

- Photos/Drawings

## **Prepared By**

Steve Kohn, Planning Manager, August 4, 2025

## **Background/Analysis**

Spectrum Sign Systems, Inc, has submitted a Sign Permit application and a Heritage Preservation Design Review application on behalf of the Art Café, LLC, for a new awning sign at 219 Bush Street. The new owners of the building are proposing to replace the existing awning's fabric and will add new signage on the front drop. Additional window signs will be added also, but are smaller than six square feet each and do not require a Sign Permit or HPC review.

The existing awning stretches across the entire front façade of the storefront; the structural components will remain, just the fabric will be replaced. A similar all weather synthetic fabric will be used to cover the awning frame; the color will be a solid black to match the storefront. The proposed awning signage is a single logo in white that includes the text "La Dolce Vita" and "ART & CAFÉ" inside the form of a coffee cup. See the attached submittals.

Chapter 16 of City Code states the following regarding awning signs; otherwise, the normal sign requirements in Chapter 16 still apply.

Awning signs may be placed on the side panels, front drop, or awning valance but shall not extend vertically or horizontally beyond the limits of an awning and shall not exceed 40 percent of the surface area of the side panel, front drop, or valance of the awning.

Staff finds that the proposed signage will not alter or destroy the distinguishing original qualities and character of the building and district. Due to the awning, no other traditional sign space exists on the front façade. The signage appears to meet all sign regulations in the Sign Ordinance and the Heritage Preservation Ordinance.

## **Staff Recommendation**

Staff recommends approval of the Design Review Form as submitted.

**250801J**

La Dolce Vita  
Red Wing

**Contact**

La Dolce Vita  
Charles Wang  
219 Bush Street  
Red Wing, MN 55066

**Phone/Email**

651-271-6378  
Changwang@artcafeusa.com

**Jobsite**

219 Bush Street  
Red Wing, MN 55066

**Designer**

Alex Wasnick

**Salesperson**

Jeff Nelson

**Project Manager**

Nick Frank

**Date**

7-16-25



**SPECTRUM**  
SIGN SYSTEMS

8786 W. 35W Service Drive  
Blaine, MN 55449

763-432-7447 | [www.spectrum-signs.com](http://www.spectrum-signs.com)

250801J - La Dolce Vita - Red Wing - Sign Type 1



Reclad (1) 78" x 253" Existing Awning Frame

A. Sunbrella Shade Black Awning Material With Printed White Logo



Proposed Awning



Existing Awning Fabric to be Removed - Frame Moved Up as High as Possible

Awning Location



## **Agenda Item**

6.D. – Heritage Preservation Design Review Amendment for Bush Street Investment, LLC, - Major Facelift at 317 Bush Street

## **Action Requested**

Motion to Adopt Staff Recommendation

## **Attachments**

- Proposed Elevation Drawings and Submittal Documents
- Current Photos

## **Prepared By**

Steve Kohn, Planning Manager, August 5, 2025

## **Background**

On November 6, 2024, the HPC approved a Design Review for a Minor Facelift at 317 Bush Street for Bush Street Investment, LLC. The proposal involved the addition of multiple windows on the building, the installation of a new rear entrance door, and the removal of several existing windows. Specifically, one (1) new window was proposed on the upper level of the front façade; seven (7) new windows were proposed on the north façade (alley side); and two (2) new windows were proposed on the rear façade, along with a new rear entrance door and side light. No upper level windows were proposed for replacement on the front façade and the existing storefront system was to remain in place, with the exception that the wood panels above the storefront would be replaced with new panels. Three (3) existing windows on the north façade will be removed or reconfigured. Four (4) existing or former window openings would be removed and filled on the rear.

The building is currently being remodeled on the first floor for continued commercial use and on the upper level to create four (4) new residential apartments. The window additions and removals are directly related to the new upper story apartment use. The applicant has run into several major interior structural issues with the building that have taken significant time and funding to correct. The applicant is also dealing with failing sections of the building's exterior brick facades along the alley and rear side of the building. Due to these circumstances, the applicant is proposing some revisions to the approved plans and asking the HPC to amend the earlier approval.

The building, constructed in 1881, is historically known as the McCart Livery Stable. The building was used for a hardware store from 1924 until the early 1980s. The entire façade, including the adjoining building next door (321 Bush St.), was covered with a metal façade around 1960 until approximately 1999.

## **Proposed Revisions**

Main façade: The existing three windows on the upper level of the front façade are not original to the building and appear to date to a 1999/2000 project. The windows need some minor repair, new glass, and repainting. The applicant was proposing to add a fourth window to the north of the existing windows, which was thought to be necessary for the new use and to bring some symmetry to the upper façade, which is currently unbalanced. **The applicant is no longer proposing this change.**

As mentioned above, the existing storefront system will be retained. The existing wood panel system between the storefront glass and the upper brick façade will be replaced with a new wood (MDO) or high density polyurethane product with three raised panels. This area will be painted and used for signage (future review) and new goose neck lights. The applicant has not proposed colors for this area of the storefront as the primary tenant has not decided on a sign plan yet.

North (alley) and rear brick facades: As the HPC has discussed in the past, the brick façade along the alley is in tough shape and needs attention. Several window openings have been filled in the past and three windows still exist. The proposal would reconfigure two of the existing window openings and completely fill the third. Seven new windows would be installed along the upper level and would provide light to the new apartment units. The proposed windows would be a simple double hung design and would have a vinyl exterior. The exterior color would match the front (upper level) window color or be black. No specifications have been submitted for these windows.

The applicant is trying to preserve the brick wall, but is concerned it may not be possible. The original plan called for the salvaging of existing brick or utilizing a new matching brick to repair the lower portion of the façade, which is failing. As noted on November 6, 2024, if this proves to be unfeasible, another design review to address the wall would be required.

It is important to know that the brick exterior of the building is just a veneer, it is not structural. Due to a lack of a proper footing and deferred maintenance, multiple areas of the wall, including the rear, are failing and nearing collapse, from the bottom up. The applicant is researching a product and procedure that may allow the brick walls on the side and rear to be stabilized. This process involves the installation of helical wall ties through mortar joints into the interior wood framing of the building to support the weight of the brick veneer. (See attached specification materials from the manufacturer). Repointing would be necessary, along with some brick replacement. If this process does not work out, the applicant would like the HPC to consider alternative exterior material(s).

The attached revised elevation drawings show a combination of horizontal LP siding and new “thin brick” on the alley wall and rear wall. Neither of these materials exist currently on the property and are not typical in the Downtown District on historic buildings. **The applicant would like the HPC to approve the LP siding and thin brick option as an alternative if the brick façade preservation is deemed unfeasible. Staff recommends that the HPC discuss the option. If found acceptable, revised finding of fact will need to be drafted.**

Rear façade: Several window openings have been filled in the past and two windows still exist. The approved design added two new windows on the second floor and removed all windows on the main level, with the exception of a side window to a new entrance door that will serve both the apartments and the retail space. **The revised design includes four total windows utilizing existing openings on the rear façade. The windows will match the design, material, and color of the north façade windows.** No detailing on the rear entrance door has been provided.

### **Analysis**

When reviewing design applications for a Certificate of Appropriateness, the Commission shall make its findings based upon the following guidelines and criteria (HPC approved findings from November 6, 2024, are listed below each guideline).

Adherence to the Secretary of Interior's General Standards for Historic Preservation Projects as amended:

- 1. Every reasonable effort shall be made to provide a compatible use for a property that requires minimal alteration of the building structure, or site and its environment, or to use a property for its originally intended purpose. The Commission may require written economic, architectural, and/or building use justifications for proposed uses which would alter the compatibility of the building or use with surrounding buildings.** The proposed use of the structure on the main level will remain the same. The addition of four residential apartment units on the second level requires the installation of windows. The majority of the new windows will be placed on secondary facades and have little impact on the building. The new upper level window on the main façade will match existing windows on the façade and will improve symmetry of the upper level.
- 2. The distinguishing original qualities or character of a building, structure, or site and its environment shall not be destroyed. The removal or alteration of any historic material or distinctive architectural features shall be avoided whenever possible.** The proposal will not result in the removal or alteration of any original historic material, except small areas of brick for window installation, or original distinctive architectural features. The applicant is proposing a wood window on the main façade that is designed to match the design of the existing wood windows on the upper front façade. The proposal appears to be comparable in character.
- 3. All buildings, structures, and sites shall be recognized as products of their own time. Proposed alterations which have no historical basis and which seek to create an appearance from an earlier era shall be avoided whenever possible.** The proposal does not seek to create an appearance from an earlier time.
- 4. Changes which may have taken place in the course of time are evidence of the history and development of a building, structure, or site and its environment. If significant, these changes shall be left intact whenever possible.** Does not apply.
- 5. Distinctive stylistic features or examples of skilled craftsmanship which characterize a building, structure, or site, shall be retained if at all possible.** Does not apply.
- 6. Deteriorated architectural features shall be repaired rather than replaced, wherever possible. In the event replacement is necessary, the new material should match the material being replaced in composition, design, color, texture, and other visual qualities. Repair or replacement of missing architectural features shall be based on accurate duplications of features, substantiated by historical, physical, or pictorial evidence, rather than on conjectural designs or the availability of different architectural elements from other buildings or structures.** None of the windows being filled or replaced are original to the building and have no historical significance. The applicant is proposing a new window on the upper front façade that is an exact match to existing upper level windows on that façade. The sign board area above the storefront will replace non-original panels with a panel system that is consistent with the building and the district. The applicant is proposing a design on the front façade that is comparable to the existing conditions in terms of openings, divisions, texture, and appearance.
- 7. The surface cleaning of structures shall be undertaken with the gentlest means possible. Sandblasting and other cleaning methods that will damage the historic building materials shall not be undertaken.** Does not apply.

**8. Every reasonable effort shall be made to protect and preserve archeological resources affected by, or adjacent to, any acquisition, protection, stabilization, preservation, rehabilitation, restoration, or reconstruction project.** Does not apply.

**9. Contemporary design for alterations and additions to existing properties shall be discouraged when such alterations and additions destroy significant historic, architectural, or cultural material and such design is not compatible with the size, scale, color, material, and character of the property, neighborhood, or environment.** It does not appear that the proposal will destroy significant historic, architectural, or cultural material. It appears that the proposal is compatible with the character of the property and district.

**10. Wherever possible, new additions or alterations to structures approved by the Heritage Preservation Commission shall be done in such a manner that if such additions or alterations were to be removed in the future, the essential form and integrity of the structure would be unimpaired.** The proposal includes the installation of new windows in new openings but will not impair the essential form and integrity of the structure.

**11. The original exterior walls or surfaces of buildings and structures shall be retained to the maximum extent possible. In no case shall more than 25% of the original exterior walls or surfaces be destroyed, removed, or covered.** Does not apply.

#### From Chapter 16

##### A. Minor Face-Lift.

1. A minor face-lift is defined as work that does not significantly alter, but rather, enhances the historic or original exterior appearance of the Building or Structure. This may include refinishing, repair, painting, and general maintenance.
2. The Commission encourages the use of materials similar to those used in the original construction, wherever possible. Synthetic and non-similar materials may be allowed only when replacement of similar materials is not feasible.
3. Wherever possible, new additions or alterations to Buildings or Structures shall be done in such a manner that if they were to be removed in the future, the essential form and integrity of the original Building or Structure would not be destroyed. The Commission will not approve sandblasting or chemical treatment that would damage the Building or Structure. The Commission will not approve the removal of cornices, painting of unpainted masonry, alterations to existing historic or original openings for windows and doorways and changes to other significant architectural detail.

“In the case of a proposed alteration or addition to an existing Building or Structure, that such alteration or addition will not materially impair the architectural or historic value of the Building or Structure; the Commission shall make written findings considering the existing Buildings or Structures and existing exterior appearance, Building height, Building width, depth, or other dimensions, roof style, type of Building materials, ornamentation, paving, setback and color”.

##### B. Major Face-Lift.

1. A major exterior wall face-lift shall not destroy the distinguishing qualities or character of the property and its environment. It shall enhance the existing size, scale, color, material, and character of the exterior historic features of the Building or Structure.
2. The requirements for Building or Structure modification outlined under minor face-lift also apply to major face-lift. The removal or alteration of any historic material or architectural features shall be minimized, consistent with the proposed use.
3. Change of an intrusive Building or Structure shall be encouraged if such design is compatible to the size, scale, color, material, and character of the neighborhood or adjacent Buildings or Structures.

The proposed project appears to be consistent in design and character of the property and district, with the exception of the alternative option to use LP siding and thin brick on the exterior façades along the alley and rear of the building. Covering or removing original brick should only be considered as the last solution. It is very clear the brick facades are failing and are well beyond minor repairs and repointing. The applicant is investing a significant amount of money to stabilize and bring new life to the building; the exterior walls need to be structurally sound/safe and watertight.

The front façade will see cosmetic improvements, but will retain its brick exterior and general character. Are the proposed materials more acceptable along the alley and rear of the building? Are other materials available that are more acceptable, for example, stucco? Staff encourages the HPC to discuss these topics at the meeting.

### **Staff Recommendation**

Based on the analysis above, staff recommends that the HPC discuss the proposed amendments and especially the proposed alternative materials on the north and rear walls. If the alternative materials are found to be acceptable, revised findings of fact should be discussed. All other proposed amendments to the original design review seem to be appropriate.

# Hallstrom's

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Exterior Remodel

# Hallstrom's Siding



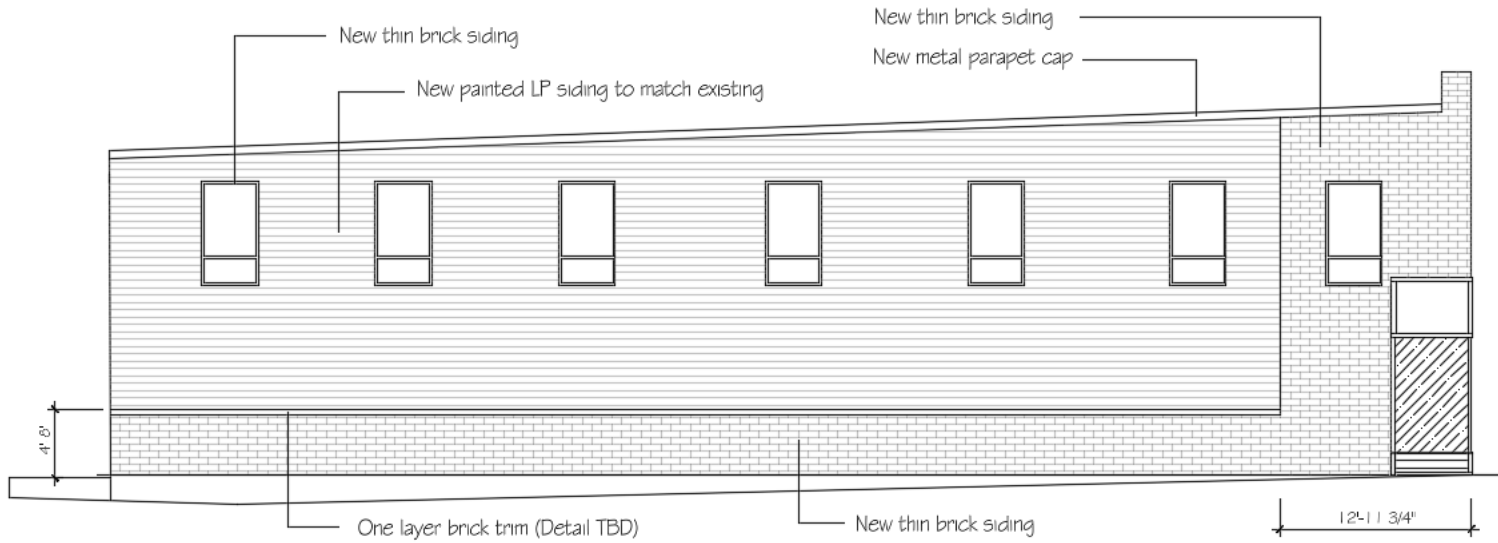
## Front of Building

# Hallstrom's Siding

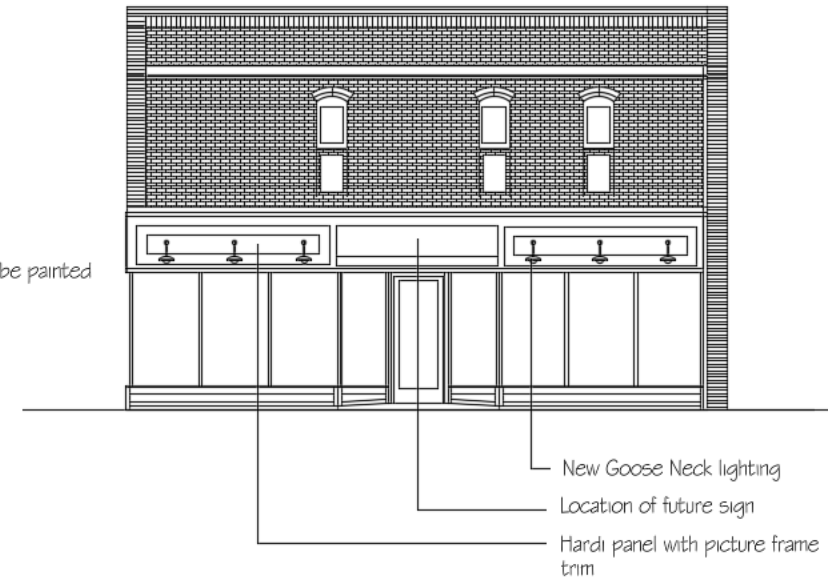


## Back of Building

# Hallstrom's Siding



Side Elevation



Front Elevation

# Hallstrom's Siding

## Specifications: LP® SmartSide® Lap Siding

### BRUSHED SMOOTH LAP SIDING

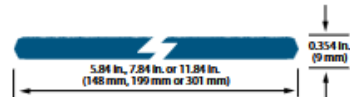
#### BRUSHED SMOOTH TEXTURE PROVIDES A MODERN LOOK THAT STILL REMAINS TIMELESS

- One of the most durable lap siding options on the market today
- Available in lengths up to 16' to help speed installation
- May create fewer seams than traditional 12' siding
- Primed for exceptional paint adhesion
- APA-certified lap siding
- Treated with the SmartGuard® process for superior protection against many weather conditions and resistance to termites and fungal decay



Brushed Smooth

#### 38 SERIES BRUSHED SMOOTH LAP



DESCRIPTION	LENGTH	ACTUAL WIDTH	THICKNESS	PID NUMBER	WEIGHT
38 Series Lap	16 ft. (192 in.)(4.9 m)	5.84 in. (148 mm)	0.354 in. (9 mm)	45989	1.5 PSF
	16 ft. (192 in.)(4.9 m)	7.84 in. (199 mm)	0.354 in. (9 mm)	45990	1.5 PSF
	16 ft. (192 in.)(4.9 m)	11.84 in. (301 mm)	0.354 in. (9 mm)	45991	1.5 PSF

## Specifications: LP® SmartSide® Lap Siding Coverage

Lap Siding 16' Length	Reveal (size)		
	Area (sq. ft.)	4-7/8" (6")	6-7/8" (8")
100	16 pcs.	11 pcs.	7 pcs.
200	31 pcs.	22 pcs.	14 pcs.
300	47 pcs.	33 pcs.	21 pcs.
400	62 pcs.	44 pcs.	28 pcs.
500	77 pcs.	55 pcs.	35 pcs.
600	93 pcs.	66 pcs.	42 pcs.
700	108 pcs.	77 pcs.	49 pcs.
800	124 pcs.	88 pcs.	56 pcs.
900	139 pcs.	99 pcs.	63 pcs.
1000	154 pcs.	110 pcs.	69 pcs.
1500	231 pcs.	164 pcs.	104 pcs.
2000	308 pcs.	219 pcs.	138 pcs.
2500	385 pcs.	273 pcs.	173 pcs.
3000	462 pcs.	328 pcs.	207 pcs.
3500	539 pcs.	382 pcs.	242 pcs.
4000	616 pcs.	437 pcs.	276 pcs.
4500	693 pcs.	491 pcs.	311 pcs.
5000	770 pcs.	546 pcs.	345 pcs.

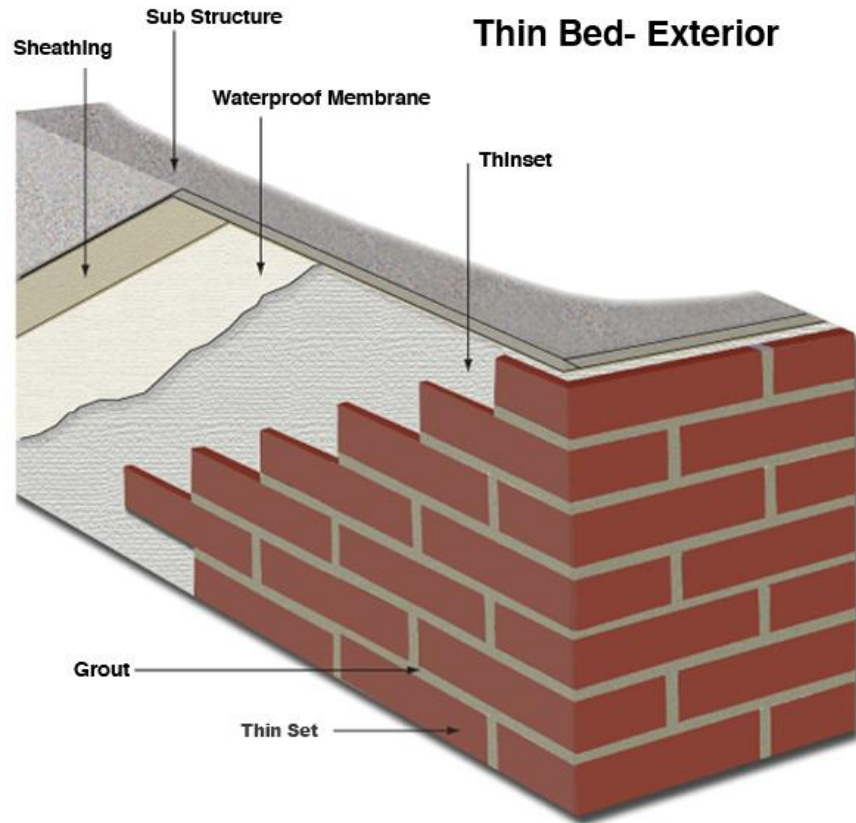
Which color is best for your build? Explore our collection of 16 versatile prefinished colors available in brushed smooth and cedar texture.



All colors shown are representative and may not be an exact match.

See the complete list of colors and product availability on pages 37-70.

# Hallstrom's Thin Brick



## Thin Brick Collection

A compelling alternative.



## Product Overview

Glen-Gery brick veneer is the pinnacle of form and function. With a striking appearance, its style is just as convincing as its strength. Whether you take it inside or outside, thin brick has the pull to be the centerpiece. Glen-Gery thin brick is a compelling alternative developed to give architects, engineers, builders and homeowners a choice that expands their design potential.



### Details

Suggested use: Interior and exterior applications including accent walls, kitchens, bar surround, backsplashes, archways, fireplaces and more!  
See the next few pages for color options, or visit [www.glen-gery.com](http://www.glen-gery.com)



### Sizes

Brick veneer come in a variety of lengths and thicknesses. The following pages showcase our current thin brick offering. Virtually any of our full size facebrick can be cut into thin brick to meet project needs. Please refer to the actual dimensions listed above the products on each page. Contact your Glen-Gery sales representative for more information.



Flats



Corners

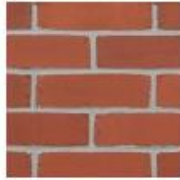
# Hallstrom's Thin Brick

## Cushwa | M ES TB

MID-ATLANTIC • Catalog size: Modular Thin Brick (3/4" x 2-1/4" x 7-5/8" | 6.88 brick per sqft),  
† Engineer Standard Thin Brick (3/4" x 2-3/4" x 8" | 5.38 brick per sqft)



47-HB



58-DD



Georgian



52-DD



53-DD



53-DD "1776" \*



Shenandoah



Shenandoah "1776" \*



51-DDX

MID-ATLANTIC • Catalog size: Modular Thin Brick (3/4" x 2-1/4" x 7-5/8" | 6.88 brick per sqft),  
† Engineer Standard Thin Brick (3/4" x 2-3/4" x 8" | 5.38 brick per sqft)



Provincial



Provincial "1776" \*



Danish



Danish "1776" \*



Rose Red Range



Rose Full Range



Rose Full Range "1776" \*



4-HB



Antique Red



50-DD

# Heli-Tie™

Helical Wall and Stitching Ties



Efficiently  
Stabilize and  
Repair Masonry  
Structures



(800) 999-5099  
[strongtie.com](http://strongtie.com)

The Heli-Tie helical wall tie is a stainless-steel helical tie used to anchor building façades to structural members or to stabilize multiple-wythe brick walls.

The helical design allows the tie to be driven quickly and easily into a predrilled pilot hole (or embedded into mortar joints in new construction) to provide a mechanical connection between a masonry façade and its backup material or between multiple wythes of brick. As it is driven, the fins of the tie undercut the masonry to provide an expansion-free anchorage that will withstand tension and compression loads.

The Heli-Tie wall tie is installed into a predrilled hole using a proprietary setting tool with an SDS-plus® shank rotary hammer to drive and countersink the tie. Heli-Tie wall ties perform in concrete and masonry as well as wood and steel studs.



Heli-Tie Helical Wall Tie

## Features

- Installs quickly and easily — with the rotary hammer in hammer mode, the tie installs faster than competitive products.
- Provides an inconspicuous repair that preserves the appearance of the building. After installation, the tie is countersunk up to ½" below the surface, allowing the tie location to be patched.
- Larger core diameter provides higher torsional capacity, resulting in less deflection due to “uncoiling” under load.
- Fractionally sized anchor — no metric drill bits required.
- Advanced manufacturing process results in a more uniform helix along the entire tie, allowing easier driving and better interlock with the substrate.

**Material:** Type 304 stainless steel (Type 316 available by special order — contact Simpson Strong-Tie for details)

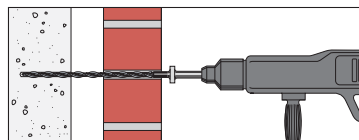
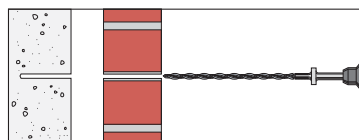
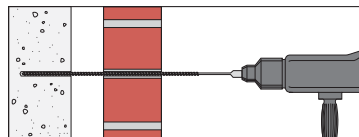
**Test Criteria:** CSA A370

## Installation

1. Drill pilot hole through the façade material and into the backup material to the specified embedment depth + 1" using appropriate drill bit(s) listed in the chart below. Drill should be in rotation-only mode when drilling into soft masonry or into hollow backing material.
2. Position drive end of the Heli-Tie fastener in the installation tool and insert the tie into the pilot hole.
3. With the SDS-plus rotary hammer in hammer mode, drive the tie until the tip of the installation tool enters the exterior surface of the masonry and countersinks the tie below the surface. Patch the hole in the façade with a matching masonry mortar.



## Installation Sequence



## Heli-Tie Helical Wall Tie Product Data

Size (in.)	Model No.	Drill Bit Dia. (in.)	Quantity	
			Box	Carton
¾ x 7	HELI37700A	7/32 or ¼	50	400
¾ x 8	HELI37800A		50	400
¾ x 9	HELI37900A		50	400
¾ x 10	HELI371000A		50	200
¾ x 11	HELI371100A		50	200
¾ x 12	HELI371200A		50	200
¾ x 14	HELI371400A		50	200
¾ x 16	HELI371600A		50	200
¾ x 18	HELI371800A		50	200
¾ x 20	HELI372000A		50	200

Special-order lengths are also available; contact Simpson Strong-Tie for details.



### Heli-Tie Fastener Installation Tool — Model HELITool37A

Required for correct installation of Heli-Tie wall ties. Speeds up installation and automatically countersinks the tie into the façade material.

SDS-plus® is a trademark of the Robert Bosch Tool Corporation.

# Design Information

## Guide Tension Loads in Various Base Materials

Size in. (mm)	Base Material	Anchor Location	Drill Bit Dia. in.	Min. Embed. Depth in. (mm)	Tension Load <sup>1</sup>			
					Ultimate <sup>2</sup> lb. (kN)	Load at Max. Permitted Displ. <sup>3</sup> lb. (kN)	Standard Deviation lb. (kN)	
¾ (9.0)	Solid Brick <sup>4</sup>	Mortar Bed Joint	7/32	3 (76)	570 (2.5)	240 (1.1)	79 (0.4)	
			¼		365 (1.6)	130 (0.6)	46 (0.2)	
		Brick Face	7/32		1,310 (5.8)	565 (2.5)	84 (0.4)	
			¼		815 (3.6)	350 (1.6)	60 (0.3)	
	Hollow Brick <sup>5</sup>	Mortar Bed Joint	7/32		530 (2.4)	285 (1.3)	79 (0.4)	
			¼		775 (3.4)	405 (1.8)	47 (0.2)	
		Brick Face	7/32		510 (2.3)	185 (0.8)	20 (0.1)	
			¼		1,170 (5.2)	405 (1.8)	79 (0.4)	
	Grout-Filled CMU <sup>6</sup>	Center of Face Shell	7/32	2¾ (70)	830 (3.7)	350 (1.6)	60 (0.3)	
			¼		1,160 (5.2)	440 (2.0)	56 (0.2)	
		Web	7/32		810 (3.6)	330 (1.5)	100 (0.4)	
			¼		720 (3.2)	320 (1.4)	71 (0.3)	
		Mortar Bed Joint	7/32		530 (2.4)	205 (0.9)	58 (0.3)	
			¼		790 (3.5)	305 (1.4)	56 (0.2)	
		Hollow CMU <sup>7</sup>	Center of Face Shell		7/32	505 (2.2)	255 (1.1)	46 (0.2)
					¼	1,200 (5.3)	445 (2.0)	50 (0.2)
	Web		7/32	675 (3.0)	385 (1.7)	96 (0.4)		
			¼	880 (3.9)	410 (1.8)	76 (0.3)		
	Normal-Weight Concrete <sup>8</sup>	-	7/32	1¾ (44)	990 (4.4)	380 (1.7)	96 (0.4)	
			¼	2¾ (70)	590 (2.6)	370 (1.6)	24 (0.1)	
	2x4 Wood Stud <sup>9,11</sup>	Center of Thin Edge	7/32	2¾ (70)	450 (2.0)	260 (1.2)	6 (0.0)	
			¼		200 (0.9)	120 (0.5)	8 (0.0)	
	Metal Stud <sup>10,11</sup>	Center of Flange	7/32	1 (25)	155 (0.7)	95 (0.4)	2 (0.0)	
			¼		200 (0.9)	120 (0.5)	8 (0.0)	

**Caution:** Loads are guide values based on laboratory testing. Onsite testing shall be performed for verification of capacity since base material quality can vary widely.

1. Tabulated loads are guide values based on laboratory testing. Onsite testing shall be performed for verification of capacity since base material quality can vary widely.
2. Ultimate load is average load at failure of the base material. Heli-Tie fastener average ultimate steel strength is 3,885 lb. and does not govern.
3. Load at maximum permitted displacement is average load at displacement of 0.157" (4 mm). The designer shall apply a suitable factor of safety to these numbers to derive allowable service loads.
4. Solid brick values for nominal 4"-wide solid brick conforming to ASTM C62/C216, Grade SW. Type N mortar is prepared in accordance with IBC Section 2103.2.
5. Hollow brick values for nominal 4"-wide hollow brick conforming to ASTM C216/C652, Grade SW, Type HBS, Class H40V. Mortar is prepared in accordance with IBC Section 2103.2.
6. Grout-filled CMU values for normal 8"-wide lightweight, medium-weight and normal-weight concrete masonry units. The masonry units must be fully grouted. Values for normal 8"-wide concrete masonry units (CMU) with a minimum specified compressive strength of masonry,  $f'_m$ , at 28 days is 1,500 psi.
7. Hollow CMU values for 8"-wide lightweight, medium-weight and normal-weight concrete masonry units.
8. Normal-weight concrete values for concrete with minimum specified compressive strength of 2,500 psi.
9. 2x4 wood stud values for nominal 2x4 spruce-pine-fir.
10. Metal stud values for 20-gauge C-shape metal stud.
11. For retrofits, due to difficulty of locating center of 2x4 or metal stud flange, install Heli-Tie from interior of building.
12. For new construction, anchor one end of tie into backup material. Embed other end into veneer mortar joint.

## Compression (Buckling) Loads<sup>1</sup>

Size in. (mm)	Unsupported Length in. (mm)	Ultimate Compression Load <sup>1</sup> lb. (kN)
¾ (9.0)	1 (25)	1,905 (8.5)
	2 (50)	1,310 (5.8)
	4 (100)	980 (4.4)
	6 (150)	785 (3.5)

1. The designer shall apply a suitable factor of safety to these numbers to derive allowable service loads.



HELITEST37A

HELIKEY37A

### Heli-Tie Wall Tie Tension Tester — Model HELITEST37A

Recommended equipment for onsite testing to accurately determine load values in any specific structure, the Heli-Tie wall tie tension tester features a key specifically designed to grip the Heli-Tie fastener and provide accurate results. Replacement test keys sold separately (Model HELIKEY37A).

Contact Simpson Strong-Tie for Heli-Tie onsite testing procedures.

# Heli-Tie Helical Stitching Tie

The Simpson Strong-Tie® Heli-Tie helical stitching tie provides a unique solution to the preservation and repair of damaged brick and masonry structures. Ties are grouted into existing masonry joints to repair cracks and increase strength with minimum disturbance. Made of Type 304 stainless steel, the Heli-Tie stitching tie features radial fins formed on the steel wire via cold rolling process, increasing the tensile strength of the tie.



**HELIST254000**

## Features

- Helical design distributes loads uniformly over a large surface area.
- Installs into the mortar joint to provide an inconspicuous repair and preserve the appearance of the structure.
- Type 304 stainless steel offers superior corrosion resistance to mild steel reinforcement.
- Advanced manufacturing process results in consistent, uniform helix configuration.
- Batch number printed on each tie for easy identification and inspection.

**HELIST254000:** ¼" x 40" stitching tie  
(special lengths are available upon request)

**Material:** Type 304 stainless steel

**Ordering Information:** Sold in tubes of 10

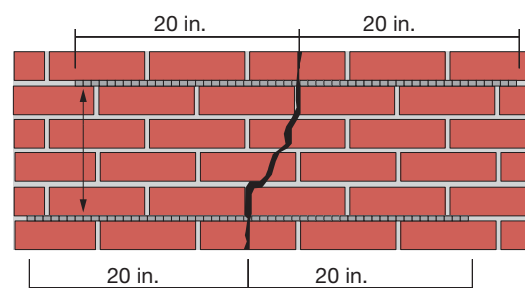
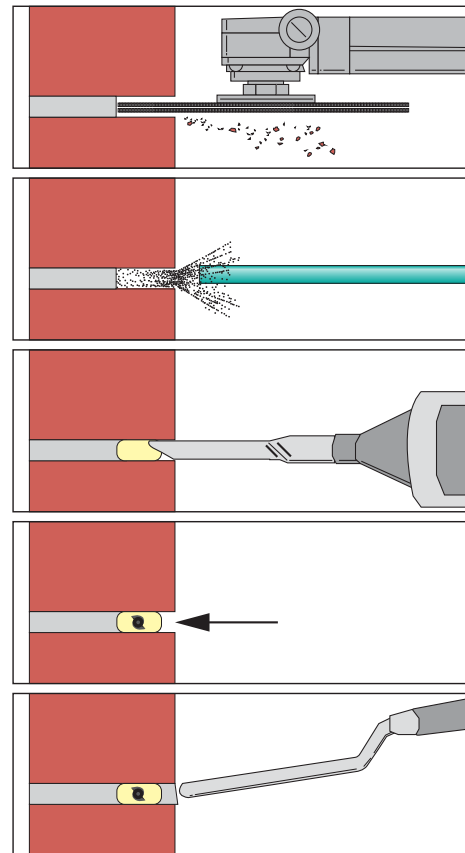
## Installation

- Chase bed joint 20" on either side of the affected area to a depth of approximately 1 ¼" with a rotary grinding wheel. Vertical spacing of installation sites should be 12" for brick or "every other course" for concrete masonry units.
- Clear bed joint of all loose debris.
- Mix polymer-modified cement repair mortar per manufacturers' product instructions and place into the prepared bed joint, filling the void to approximately two-thirds of its depth. Minimum properties for polymer-modified cement repair mortar are in the table below. Failure to meet these minimum properties may result in decreased performance.
- Embed the tie at one-half the depth of the void. Trowel displaced grout to fully encapsulate the tie.
- Fill any remaining voids and vertical cracks with nonshrink repair grout or other repair mortar to conceal repair site.

## Polymer-Modified Mortar Minimum Properties

Compressive Strength — 7 days	4,500 psi (31.1 MPa)	ASTM C109
Compressive Strength — 28 days	6,400 psi (44.2 MPa)	
Tensile Strength — 28 days	310 psi (2.14 MPa)	ASTM C1583
Flexural Strength — 28 days	680 psi (4.69 MPa)	ASTM C348

## Installation Sequence





COMING  
SOON  
RIVERBEND  
FLORAL  
STUDIO





# Hallstrom

Established 1886

CHOCOLATES    ICE CREAM    CANDIES

UNDER CONSTRUCTION

THANK YOU FOR 138 YEARS

317 Bush

Something is coming soon



## **Agenda Item**

**06.F.** – Heritage Preservation Design Review for Minor Facelift at 309 Bush Street, Rear Upper Level Window Replacement

## **Action Requested**

Motion to Adopt Staff Recommendation

## **Attachments**

- Application
- Specifications/Drawings/Current Photos

## **Prepared By**

Steve Kohn, Planning Manager, August 4, 2025

## **Background**

Red Wing Construction Company, on behalf of Siewert Construction Co., has submitted an application for a Design Review for a minor facelift at 309 Bush Street involving the replacement of twenty-nine (29) windows on the alley side and rear of the building. The project includes windows in both the Gladstone Building (limestone building) and the Lawther Post Office Block (brick building). All of the existing wood windows were installed in 1995 when the buildings were renovated. This proposal is Phase 1 of a project that will eventually replace all of the upper story windows on both buildings.

As mentioned above, the proposal includes the replacement of 29 windows along the alley and rear walls of both buildings. The applicant is proposing an extruded aluminum exterior window with a wood interior manufactured by Kolbe Windows and Doors. Each window is custom measured and will replicate all architectural details of the existing windows, including glass divisions, mullions, molding, sash, and color (white). The single hung windows are double paned with mullions surfaced mounted on both the exterior and interior for cosmetic purposes. A sample window will be available for review at the HPC meeting.

The applicant would like to replace the wood windows due to rotting, energy efficiency, safety, and to reduce the amount of maintenance the existing windows now demand.

Please see the applicant's specifications, drawings, and existing photos.

## **Analysis**

It is understandable why the applicant is looking for a low maintenance material for the windows. The applicant has been struggling with repairs and maintenance on the existing windows for many years and feels they have surpassed their useful life.

The applicant is proposing to replace the existing non-original wood windows with high quality aluminum clad windows while maintaining the general design and appearance of the existing windows. The designs of the existing windows were based on historical research and consideration of each building's architectural style when the buildings were renovated approximately 30 years ago. That project involved historic tax credits.

The proposal to replace the existing wood windows with the more contemporary aluminum clad windows does not appear to be consistent with the building in terms of material alone,

but appears to be consistent in terms of design and character. The single hung design, appears to match the existing wood design by providing wider framing elements and casing to provide greater depth and profile. In addition, the windows are not located on the main façade of the complex and most of the windows are located at second and third story heights, which makes the exterior material less noticeable.

When reviewing design applications for a Certificate of Appropriateness, the Commission shall make its findings based upon the following guidelines and criteria (staff comments are listed below each guideline).

Adherence to the Secretary of Interior's General Standards for Historic Preservation Projects as amended:

- 1. Every reasonable effort shall be made to provide a compatible use for a property that requires minimal alteration of the building structure, or site and its environment, or to use a property for its originally intended purpose. The Commission may require written economic, architectural, and/or building use justifications for proposed uses which would alter the compatibility of the building or use with surrounding buildings.** The proposed use of the structure will remain the same.
- 2. The distinguishing original qualities or character of a building, structure, or site and its environment shall not be destroyed. The removal or alteration of any historic material or distinctive architectural features shall be avoided whenever possible.** The proposal will not result in the removal or alteration of any original historic material or original distinctive architectural features; however, the proposal would replace a material historically used on the building for windows and doors (wood), with a new contemporary material (aluminum cladding). The applicant is proposing aluminum clad windows that are designed to match the design and color of the existing wood windows; the proposal is comparable in character.
- 3. All buildings, structures, and sites shall be recognized as products of their own time. Proposed alterations which have no historical basis and which seek to create an appearance from an earlier era shall be avoided whenever possible.** The proposal does not seek to create and appearance from an earlier time.
- 4. Changes which may have taken place in the course of time are evidence of the history and development of a building, structure, or site and its environment. If significant, these changes shall be left intact whenever possible.** Does not apply.
- 5. Distinctive stylistic features or examples of skilled craftsmanship which characterize a building, structure, or site, shall be retained if at all possible.** Does not apply.
- 6. Deteriorated architectural features shall be repaired rather than replaced, wherever possible. In the event replacement is necessary, the new material should match the material being replaced in composition, design, color, texture, and other visual qualities. Repair or replacement of missing architectural features shall be based on accurate duplications of features, substantiated by historical, physical, or pictorial evidence, rather than on conjectural designs or the availability of different architectural elements from other buildings or structures.** The existing wood windows are not original to the building. The applicant has indicated that the majority of the wood windows have deteriorated to a point that they can no longer be repaired and that they need to be replaced. The applicant is proposing a design that is comparable to the existing conditions in terms of openings, divisions, color, texture, and appearance.

**7. The surface cleaning of structures shall be undertaken with the gentlest means possible. Sandblasting and other cleaning methods that will damage the historic building materials shall not be undertaken.** Does not apply.

**8. Every reasonable effort shall be made to protect and preserve archeological resources affected by, or adjacent to, any acquisition, protection, stabilization, preservation, rehabilitation, restoration, or reconstruction project.** Does not apply.

**9. Contemporary design for alterations and additions to existing properties shall be discouraged when such alterations and additions destroy significant historic, architectural, or cultural material and such design is not compatible with the size, scale, color, material, and character of the property, neighborhood, or environment.** The proposal will not destroy significant historic, architectural, or cultural material. Although a new material is being introduced, the proposal is compatible with the existing windows in size, division, scale, color, and character.

**10. Wherever possible, new additions or alterations to structures approved by the Heritage Preservation Commission shall be done in such a manner that if such additions or alterations were to be removed in the future, the essential form and integrity of the structure would be unimpaired.** The proposal involves the installation of new windows in existing openings and will not impair the essential form and integrity of the structure.

**11. The original exterior walls or surfaces of buildings and structures shall be retained to the maximum extent possible. In no case shall more than 25% of the original exterior walls or surfaces be destroyed, removed, or covered.** Does not apply.

#### From Chapter 16

##### A. Minor Face-Lift.

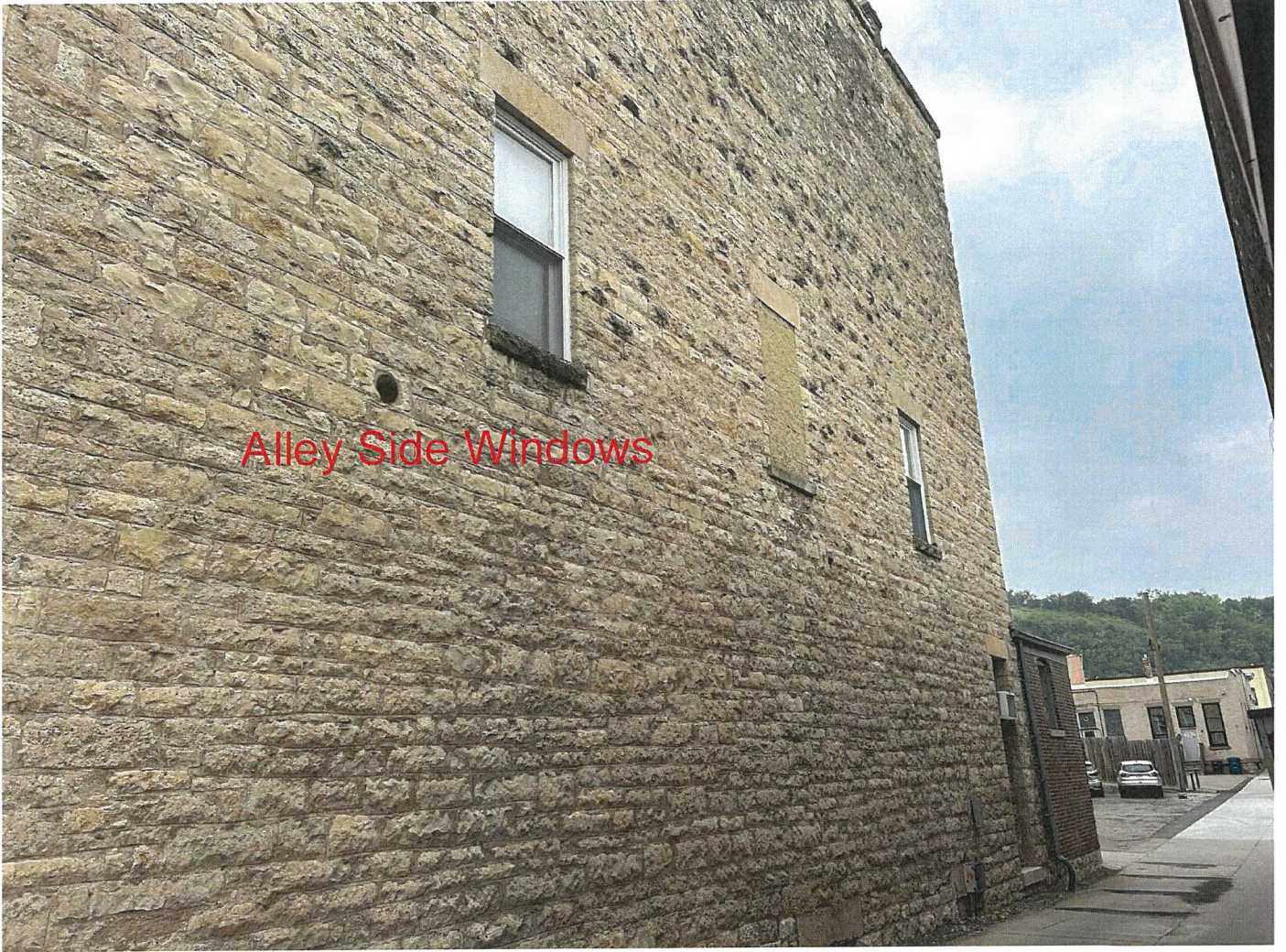
1. A minor face-lift is defined as work that does not significantly alter, but rather, enhances the historic or original exterior appearance of the Building or Structure. This may include refinishing, repair, painting, and general maintenance.
2. The Commission encourages the use of materials similar to those used in the original construction, wherever possible. Synthetic and non-similar materials may be allowed only when replacement of similar materials is not feasible.
3. Wherever possible, new additions or alterations to Buildings or Structures shall be done in such a manner that if they were to be removed in the future, the essential form and integrity of the original Building or Structure would not be destroyed. The Commission will not approve sandblasting or chemical treatment that would damage the Building or Structure. The Commission will not approve the removal of cornices, painting of unpainted masonry, alterations to existing historic or original openings for windows and doorways and changes to other significant architectural detail.

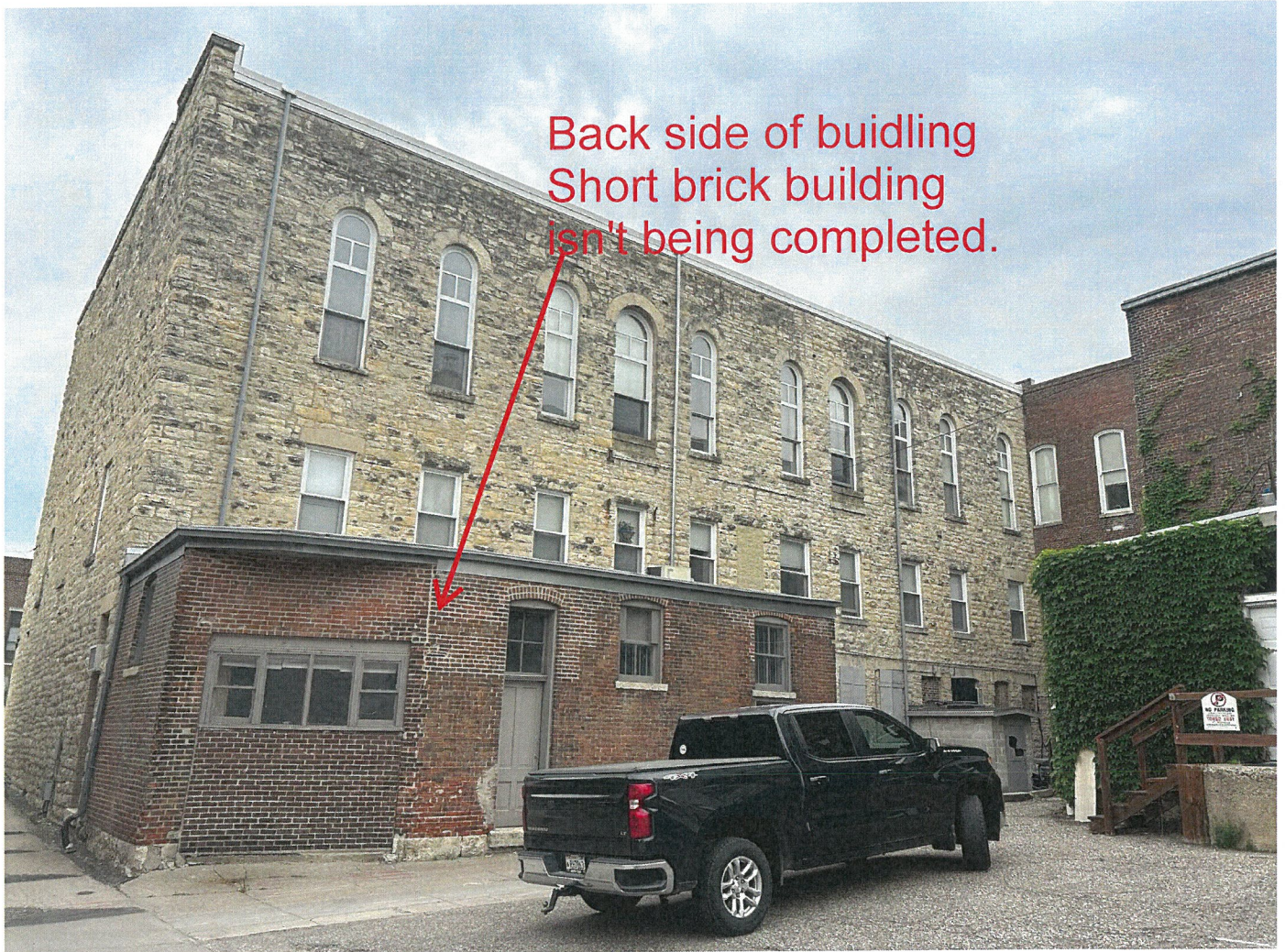
“In the case of a proposed alteration or addition to an existing Building or Structure, that such alteration or addition will not materially impair the architectural or historic value of the Building or Structure; the Commission shall make written findings considering the existing Buildings or Structures and existing exterior appearance, Building height, Building width, depth, or other dimensions, roof style, type of Building materials, ornamentation, paving, setback and color”.

All of the windows proposed for replacement were installed 30 years ago when both buildings were renovated for upper level apartments. The windows were designed and constructed of wood to be consistent with the original windows. The proposed windows, although clad in aluminum, appear to be consistent in design and character of the existing and original windows.

**Staff Recommendation**

Based on the analysis above, staff recommends a motion to approve the proposal as submitted.





Back side of buidling  
Short brick building  
isn't being completed.



back of building side view of  
3 story brick building

Bush Street Side; These windows will be done at a later date (phase II of the project)



West 3rd St; these wdw's will be done at a later date Phase II of the project.



On Behalf Of: Kolbe Gallery Twin Cities

Address: 7545 Washington Avenue South  
Edina, MN 55439

Phone: 866-460-4403

Fax: (952) 456-6963

Contact: Michael Heidenreich

Email: Michael.heidenreich@kolbegallerytc.com

Phone: 218-269-2311



**We're for the visionaries.™**

**Quote 1374899C: Redwing Construction Gladstone Building  
Custom Cas**

**Project: Redwing Construction Gladstone Building**

**Printed: 6/23/2025 12:07:34 PM**



Printed By: Michael Heidenreich

Created: 6/20/2025

For warranty information please click this link or visit <https://www.kolbewindows.com/resources/warranties>

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Line	Label		UOM	Quantity	Cubic Feet	Unit Price	Extended Price
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**001 3rd floor front Limestone All**

**\*\*\* Unit \*\*\***

Unit 1.1: UDH (Assy 1)

Unit 1.2: UDHT (Assy 2)

Unit 1.3: UDHT (Assy 3)

Unit 1.4: URT (Assy 4)

Unit 1.1: Ultra Rectangle Single Hung

Unit 1.2, 1.3: Ultra Rectangle DH/SH Transom

Unit 1.4: Ultra Half Circle w/o Legs DH/SH Transom

**\*\*\* Unit \*\*\***

Unit 1.1: #1117 VTG, EXTRD SASH, XL STR, SASH OPERATION: TOP FIXED/BTM ACTIVE, SASH SHIPPED LOOSE, SQUARE BASIC JAMB PROFILE

Unit 1.2, 1.3, 1.4: EXTRD SASH, MATCH XL STR PROF, SS, SQ STOP

**\*\*\* Glass \*\*\***

Unit 1.1, 1.2, 1.3, 1.4: DL GLZD, SOLAR LOW-E GLASS, MILL FNSH SPACER, GLS PRESRV W/O NT+ CTG, BVLD BD

Unit 1.1 Lower, 1.1 Upper, 1.2, 1.3, 1.4: CLEAR GLS

**\*\*\* Lite Divisions \*\*\***

Unit 1.4: PDL, COLONIAL, 7W4H, 5/8" Bars, 5/8" BARS, CHAMPGN INTRNL SPCRS, BVLD BARS - EXTERIOR, BVLD BARS - INTERIOR

**\*\*\* Hardware-Accessories \*\*\***

Unit 1.1: CLY (RUSTIC) HARDWARE, SIGNATURE LCK, CLY (RUSTIC) SQUARE STYLE LIFT HANDLE, BETTERVUE FG FULL SCRNR, SCREEN(S) LOOSE, OGEE LUGS APPLIED, BLACK JAMBLINER, CLASS 5 BALANCES, 2 PER BTM SASH LIFT HNDL

**\*\*\* Species-Finish-Color \*\*\***

Unit 1.1: PINE SPECIES, 70% FLRPOLYMR EXT SASH, 70% FLRPOLYMR EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT, WD WRAPPED JBLNR, BLACK VERTICAL WEATHERSTRIP

Unit 1.2, 1.3, 1.4: PINE SPECIES, 70% FLRPOLYMR EXT SASH, 70% FLRPOLYMR EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT

**\*\*\* Casing-Jambs-Trim \*\*\* NOTE: exterior clad brick mold to match existing windows typical**

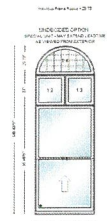
Unit 1.1, 1.2, 1.3, 1.4: CSTM CASING, 2-1/8" SILL NSG (B8310), CSTM EXT CASING/ACCESSORIES = Custom 2" Extruded Bmold similar to drawing., KP2 PRIMED BACK PRIMING OF FRAME AND EXTENSION JAMB, EXT CASING/ACCESSORIES APPLIED, N/Fin, 5" JAMBS, HD AND SIDES CSG PLACEMENT, NO INSTL CLIPS

Per Product Bulletin #682 dated 6/8/2015, XL Sterling have non-tiltable sash and interior visual differences from Sterling.

As standard sash will be shipped loose.

Opening(s) designated by a circled 'E' meet most national building codes for emergency escape and rescue requirements. Check local codes for product compliance for desired application.

Due to manufacturing procedures, all radius components will have fingerjoints.



Scaled to Fit

**Rough Opening:  
52" X 149"**

**Frame Size:  
51 1/2" X 148 7/16"**



002 3rd Floor Front Brick Center

\*\*\* Unit \*\*\*  
UDH (Assy 1)

Ultra Segment Single Hung

\*\*\* Unit \*\*\*  
Unit 1.1: #1117 VTG, EXTRD SASH, XL STR, SASH OPERATION: TOP FIXED/BTM ACTIVE, SASH SHIPPED LOOSE, SQUARE BASIC JAMB PROFILE

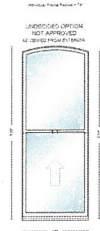
\*\*\* Glass \*\*\*  
Unit 1.1: DL GLZD, SOLAR LOW-E GLASS, MILL FNSH SPACER, GLS PRESRV W/O NT+ CTG, BVLD BD  
Unit 1.1 Lower, 1.1 Upper: CLEAR GLS

\*\*\* Hardware-Accessories \*\*\*  
Unit 1.1: CLY (RUSTIC) HARDWARE, SIGNATURE LCK, CLY (RUSTIC) SQUARE STYLE LIFT HANDLE, BETTERTVUE FG FULL SCRNR, SCREEN(S) APPLIED, OGEE LUGS APPLIED, BLACK JAMBLINER, CLASS 5 BALANCES, 2 PER BTM SASH LIFT HNDL

\*\*\* Species-Finish-Color \*\*\*  
Unit 1.1: PINE SPECIES, 70% FLR POLYMR EXT SASH, 70% FLR POLYMR EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT, WD WRAPPED JBLNR, BLACK VERTICAL WEATHERSTRIP

\*\*\* Casing-Jambs-Trim \*\*\*  
Unit 1.1: CSTM CASING, 2-1/8" SILL NSG (B8310), CSTM EXT CASING/ACCESSORIES = Custom 2" Extruded Bmold similar to drawing., KP2 PRIMED BACK PRIMING OF FRAME AND EXTENSION JAMB, EXT CASING/ACCESSORIES APPLIED, N/Fin, 5" JAMBS, HD AND SIDES CSG PLACEMENT, NO INSTL CLIPS

Per Product Bulletin #682 dated 6/8/2015, XL Sterling have non-tiltable sash and interior visual differences from Sterling.  
As standard sash will be shipped loose.  
Due to manufacturing procedures, all radius components will have fingerjoints.



Scaled to Fit

**Rough Opening:  
48 1/2" X 126 9/16"**

**Frame Size:  
48" X 126"**



**003 3rd Floor Front Brick Sides**

\*\*\* Unit \*\*\*  
UDH (Assy 1)

Ultra Segment Single Hung

\*\*\* Unit \*\*\*  
Unit 1.1: #1117 VTG, EXTRD SASH, XL STR, SASH OPERATION: TOP FIXED/BTM ACTIVE, SASH SHIPPED LOOSE, SQUARE BASIC JAMB PROFILE

\*\*\* Glass \*\*\*  
Unit 1.1: DL GLZD, SOLAR LOW-E GLASS, MILL FNSH SPACER, GLS PRESRV W/O NT+ CTG, BVLD BD  
Unit 1.1 Lower, 1.1 Upper: CLEAR GLS

\*\*\* Hardware-Accessories \*\*\*  
Unit 1.1: CLY (RUSTIC) HARDWARE, SIGNATURE LCK, CLY (RUSTIC) SQUARE STYLE LIFT HANDLE, BETTERVUE FG FULL SCRNR, SCREEN(S) APPLIED, OGEE LUGS APPLIED, BLACK JAMBLINER, CLASS 5 BALANCES, 2 PER BTM SASH LIFT HNDL

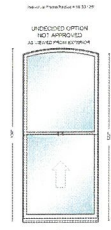
\*\*\* Species-Finish-Color \*\*\*  
Unit 1.1: PINE SPECIES, 70% FLR POLYMR EXT SASH, 70% FLR POLYMR EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT, WD WRAPPED JBLNR, BLACK VERTICAL WEATHERSTRIP

\*\*\* Casing-Jambs-Trim \*\*\*  
Unit 1.1: CSTM CASING, 2-1/8" SILL NSG (B8310), CSTM EXT CASING/ACCESSORIES = Custom 2" Extruded Bmold similar to drawing., KP2 PRIMED BACK PRIMING OF FRAME AND EXTENSION JAMB, EXT CASING/ACCESSORIES APPLIED, N/Fin, 5" JAMBS, HD AND SIDES CSG PLACEMENT, NO INSTL CLIPS

Per Product Bulletin #682 dated 6/8/2015, XL Sterling have non-tiltable sash and interior visual differences from Sterling.

As standard sash will be shipped loose.

Due to manufacturing procedures, all radius components will have fingerjoints.



Scaled to Fit

**Rough Opening:  
55 1/2" X 126 9/16"**

**Frame Size:  
55" X 126"**



**004 2nd Floor Front Limestone Sides**

\*\*\* Unit \*\*\*  
UDH (Assy 1)

Ultra Rectangle Single Hung

\*\*\* Unit \*\*\*  
Unit 1.1: #1117 VTG, EXTRD SASH, XL STR, SASH OPERATION: TOP FIXED/BTM ACTIVE, SASH SHIPPED LOOSE, SQUARE BASIC JAMB PROFILE

\*\*\* Glass \*\*\*  
Unit 1.1: DL GLZD, SOLAR LOW-E GLASS, MILL FNSH SPACER, GLS PRESRV W/O NT+ CTG, BVLD BD  
Unit 1.1 Lower, 1.1 Upper: CLEAR GLS

\*\*\* Hardware-Accessories \*\*\*  
Unit 1.1: CLY (RUSTIC) HARDWARE, SIGNATURE LCK, CLY (RUSTIC) SQUARE STYLE LIFT HANDLE, BETTERTVUE FG FULL SCRNR, SCREEN(S) LOOSE, OGEE LUGS APPLIED, BLACK JAMBLINER, CLASS 5 BALANCES, 2 PER BTM SASH LIFT HNDL

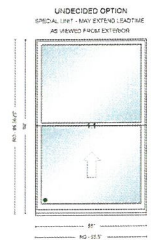
\*\*\* Species-Finish-Color \*\*\*  
Unit 1.1: PINE SPECIES, 70% FLR POLYMER EXT SASH, 70% FLR POLYMER EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT, WD WRAPPED JBLNR, BLACK VERTICAL WEATHERSTRIP

\*\*\* Casing-Jambs-Trim \*\*\*  
Unit 1.1: CSTM CASING, 2-1/8" SILL NSG (B8310), CSTM EXT CASING/ACCESSORIES = Custom 2" Extruded Bmold similar to drawing., KP2 PRIMED BACK PRIMING OF FRAME AND EXTENSION JAMB, EXT CASING/ACCESSORIES APPLIED, N/Fin, 5" JAMBS, HD AND SIDES CSG PLACEMENT, NO INSTL CLIPS

Per Product Bulletin #682 dated 6/8/2015, XL Sterling have non-tiltable sash and interior visual differences from Sterling.

As standard sash will be shipped loose.

Opening(s) designated by a circled 'E' meet most national building codes for emergency escape and rescue requirements. Check local codes for product compliance for desired application.



Scaled to Fit

**Rough Opening:  
55 1/2" X 86 9/16"**

**Frame Size:  
55" X 86"**



**005 2nd floor Front Limestone Center**

\*\*\* Unit \*\*\*  
UDH (Assy 1)

Ultra Half Circle Single Hung

\*\*\* Unit \*\*\*  
Unit 1.1: #11117 VTG, EXTRD SASH, XL STR, SASH OPERATION: TOP FIXED/BTM ACTIVE, SASH SHIPPED LOOSE, SQUARE BASIC JAMB PROFILE

\*\*\* Glass \*\*\*  
Unit 1.1: DL GLZD, SOLAR LOW-E GLASS, MILL FNISH SPACER, GLS PRESRV W/O NT+ CTG, BVLD BD  
Unit 1.1 Lower, 1.1 Upper: CLEAR GLS

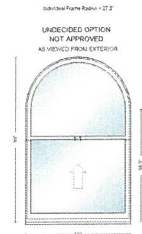
\*\*\* Hardware-Accessories \*\*\*  
Unit 1.1: CLY (RUSTIC) HARDWARE, SIGNATURE LCK, CLY (RUSTIC) SQUARE STYLE LIFT HANDLE, BETTERTVUE FG HALF SCRNL, SCREEN(S) LOOSE, OGEE LUGS APPLIED, BLACK JAMBLINER, CLASS 5 BALANCES, 2 PER BTM SASH LIFT HNDL

\*\*\* Species-Finish-Color \*\*\*  
Unit 1.1: PINE SPECIES, 70% FLR POLYMR EXT SASH, 70% FLR POLYMR EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT, WD WRAPPED JBLNR, BLACK VERTICAL WEATHERSTRIP

\*\*\* Casing-Jambs-Trim \*\*\*  
Unit 1.1: CSTM CASING, 2-1/8" SILL NSG (B8310), CSTM EXT CASING/ACCESSORIES = Custom 2" Extruded Bmold similar to drawing., KP2 PRIMED BACK PRIMING OF FRAME AND EXTENSION JAMB, EXT CASING/ACCESSORIES APPLIED, N/Fin, 5" JAMBS, HD AND SIDES CSG PLACEMENT, NO INSTL CLIPS

Per Product Bulletin #682 dated 6/8/2015, XL Sterling have non-tiltable sash and interior visual differences from Sterling.

As standard the Top sash will be Installed and the Bottom Sash will be shipped loose.  
Due to manufacturing procedures, all radius components will have fingerjoints.



Scaled to Fit

**Rough Opening:  
55 1/2" X 86 9/16"**

**Frame Size:  
55" X 86"**



**006** 2nd Floor Front Brick middle

\*\*\* Unit \*\*\*  
UDH (Assy 1)

Ultra Segment Single Hung

\*\*\* Unit \*\*\*  
Unit 1.1: #1117 VTG, EXTRD SASH, XL STR, SASH OPERATION: TOP FIXED/BTM ACTIVE, SASH SHIPPED LOOSE, SQUARE BASIC JAMB PROFILE

\*\*\* Glass \*\*\*  
Unit 1.1: DL GLZD, SOLAR LOW-E GLASS, MILL FNSH SPACER, GLS PRESRV W/O NT+ CTG, BVLD BD  
Unit 1.1 Lower, 1.1 Upper: CLEAR GLS

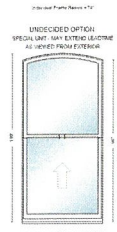
\*\*\* Hardware-Accessories \*\*\*  
Unit 1.1: CLY (RUSTIC) HARDWARE, SIGNATURE LCK, CLY (RUSTIC) SQUARE STYLE LIFT HANDLE, BETTERVUE FG FULL SCR, SCREEN(S) APPLIED, OGEE LUGS APPLIED, BLACK JAMBLINER, CLASS 5 BALANCES, 2 PER BTM SASH LIFT HNDL

\*\*\* Species-Finish-Color \*\*\*  
Unit 1.1: PINE SPECIES, 70% FLR POLYMR EXT SASH, 70% FLR POLYMR EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT, WD WRAPPED JBLNR, BLACK VERTICAL WEATHERSTRIP

\*\*\* Casing-Jambs-Trim \*\*\*  
Unit 1.1: CSTM CASING, 2-1/8" SILL NSG (B8310), CSTM EXT CASING/ACCESSORIES = Custom 2" Extruded Bmold similar to drawing., KP2 PRIMED BACK PRIMING OF FRAME AND EXTENSION JAMB, EXT CASING/ACCESSORIES APPLIED, N/Fin, 5" JAMBS, HD AND SIDES CSG PLACEMENT, NO INSTL CLIPS

Per Product Bulletin #682 dated 6/8/2015, XL Sterling have non-tiltable sash and interior visual differences from Sterling.

As standard sash will be shipped loose.  
Due to manufacturing procedures, all radius components will have fingerjoints.



Scaled to Fit

**Rough Opening:  
48 1/2" X 100 9/16"**

**Frame Size:  
48" X 100"**



**007 2nd Floor Front Brick sides**

\*\*\* Unit \*\*\*  
UDH (Assy 1)

Ultra Segment Single Hung

\*\*\* Unit \*\*\*  
Unit 1.1: #1117 VTG, EXTRD SASH, XL STR, SASH OPERATION: TOP FIXED/BTM ACTIVE, SASH SHIPPED LOOSE, SQUARE BASIC JAMB PROFILE

\*\*\* Glass \*\*\*  
Unit 1.1: DL GLZD, SOLAR LOW-E GLASS, MILL FNSH SPACER, GLS PRESRV W/O NT+ CTG, BVLD BD  
Unit 1.1 Lower, 1.1 Upper: CLEAR GLS

\*\*\* Hardware-Accessories \*\*\*  
Unit 1.1: CLY (RUSTIC) HARDWARE, SIGNATURE LCK, CLY (RUSTIC) SQUARE STYLE LIFT HANDLE, BETTERTVUE FG FULL SCRNR, SCREEN(S) APPLIED, OGEE LUGS APPLIED, BLACK JAMBLINER, CLASS 5 BALANCES, 2 PER BTM SASH LIFT HNDL

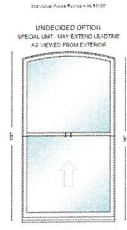
\*\*\* Species-Finish-Color \*\*\*  
Unit 1.1: PINE SPECIES, 70% FLR POLYMR EXT SASH, 70% FLR POLYMR EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT, WD WRAPPED JBLNR, BLACK VERTICAL WEATHERSTRIP

\*\*\* Casing-Jambs-Trim \*\*\*  
Unit 1.1: CSTM CASING, 2-1/8" SILL NSG (B8310), CSTM EXT CASING/ACCESSORIES = Custom 2" Extruded Bmold similar to drawing., KP2 PRIMED BACK PRIMING OF FRAME AND EXTENSION JAMB, EXT CASING/ACCESSORIES APPLIED, N/Fin, 5" JAMBS, HD AND SIDES CSG PLACEMENT, NO INSTL CLIPS

Per Product Bulletin #682 dated 6/8/2015, XL Sterling have non-tiltable sash and interior visual differences from Sterling.

As standard sash will be shipped loose.

Due to manufacturing procedures, all radius components will have fingerjoints.



Scaled to Fit

**Rough Opening:  
55 1/2" X 100 9/16"**

**Frame Size:  
55" X 100"**



008 3rd Floor West

\*\*\* Unit \*\*\*  
UDH (Assy 1)

Ultra Segment Single Hung

\*\*\* Unit \*\*\*  
Unit 1.1: #1117 VTG, EXTRD SASH, XL STR, SASH OPERATION: TOP FIXED/BTM ACTIVE, SASH SHIPPED LOOSE, SQUARE BASIC JAMB PROFILE

\*\*\* Glass \*\*\*  
Unit 1.1: DL GLZD, SOLAR LOW-E GLASS, MILL FNSH SPACER, GLS PRESRV W/O NT+ CTG, BULD BD  
Unit 1.1 Lower, 1.1 Upper: CLEAR GLS

\*\*\* Hardware-Accessories \*\*\*  
Unit 1.1: CLY (RUSTIC) HARDWARE, SIGNATURE LCK, CLY (RUSTIC) SQUARE STYLE LIFT HANDLE, BETTERVUE FG FULL SCRNR, SCREEN(S) APPLIED, OGEE LUGS APPLIED, BLACK JAMBLINER, CLASS 5 BALANCES, 2 PER BTM SASH LIFT HNDL

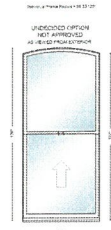
\*\*\* Species-Finish-Color \*\*\*  
Unit 1.1: PINE SPECIES, 70% FLR POLYMR EXT SASH, 70% FLR POLYMR EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT, WD WRAPPED JBLNR, BLACK VERTICAL WEATHERSTRIP

\*\*\* Casing-Jambs-Trim \*\*\*  
Unit 1.1: CSTM CASING, 2-1/8" SILL NSG (B8310), CSTM EXT CASING/ACCESSORIES = Custom 2" Extruded Bmold similar to drawing., KP2 PRIMED BACK PRIMING OF FRAME AND EXTENSION JAMB, EXT CASING/ACCESSORIES APPLIED, N/Fin, 5" JAMBS, HD AND SIDES CSG PLACEMENT, NO INSTL CLIPS

Per Product Bulletin #682 dated 6/8/2015, XL Sterling have non-tiltable sash and interior visual differences from Sterling.

As standard sash will be shipped loose.

Due to manufacturing procedures, all radius components will have fingerjoints.



Scaled to Fit

**Rough Opening:  
55 1/2" X 126 9/16"**

**Frame Size:  
55" X 126"**



009 3rd Floor West

\*\*\* Unit \*\*\*  
UDH (Assy 1)

Ultra Segment Single Hung

\*\*\* Unit \*\*\*  
Unit 1.1: #1117 VTG, EXTRD SASH, XL STR, SASH OPERATION: TOP FIXED/BTM ACTIVE, SASH SHIPPED LOOSE, SQUARE BASIC JAMB PROFILE

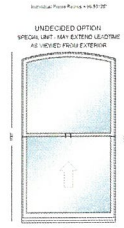
\*\*\* Glass \*\*\*  
Unit 1.1: DL GLZD, SOLAR LOW-E GLASS, MILL FNSH SPACER, GLS PRESRV W/O NT+ CTG, BVLD BD  
Unit 1.1 Lower, 1.1 Upper: CLEAR GLS

\*\*\* Hardware-Accessories \*\*\*  
Unit 1.1: CLY (RUSTIC) HARDWARE, SIGNATURE LCK, CLY (RUSTIC) SQUARE STYLE LIFT HANDLE, BETTERVUE FG FULL SCRNR, SCREEN(S) APPLIED, OGEE LUGS APPLIED, BLACK JAMBLINER, CLASS 5 BALANCES, 2 PER BTM SASH LIFT HNDL

\*\*\* Species-Finish-Color \*\*\*  
Unit 1.1: PINE SPECIES, 70% FLR POLYMR EXT SASH, 70% FLR POLYMR EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT, WD WRAPPED JBLNR, BLACK VERTICAL WEATHERSTRIP

\*\*\* Casing-Jambs-Trim \*\*\*  
Unit 1.1: CSTM CASING, 2-1/8" SILL NSG (B8310), CSTM EXT CASING/ACCESSORIES = Custom 2" Extruded Bmold similar to drawing., KP2 PRIMED BACK PRIMING OF FRAME AND EXTENSION JAMB, EXT CASING/ACCESSORIES APPLIED, N/Fin, 5" JAMBS, HD AND SIDES CSG PLACEMENT, NO INSTL CLIPS

Per Product Bulletin #682 dated 6/8/2015, XL Sterling have non-tiltable sash and interior visual differences from Sterling.  
As standard sash will be shipped loose.  
Due to manufacturing procedures, all radius components will have fingerjoints.



Scaled to Fit

**Rough Opening:  
55 1/2" X 100 9/16"**

**Frame Size:  
55" X 100"**



010 Alley

\*\*\* Unit \*\*\*  
UDH (Assy 1)

Ultra Rectangle Single Hung

\*\*\* Unit \*\*\*  
Unit 1.1: #1117 VTG, EXTRD SASH, XL STR, SASH OPERATION: TOP FIXED/BTM ACTIVE, SASH SHIPPED LOOSE, SQUARE BASIC JAMB PROFILE

\*\*\* Glass \*\*\*  
Unit 1.1: DL GLZD, SOLAR LOW-E GLASS, MILL FNSH SPACER, GLS PRESRV W/O NT+ CTG, BULD BD

Unit 1.1 Lower, 1.1 Upper: CLEAR GLS

\*\*\* Hardware-Accessories \*\*\*  
Unit 1.1: CLY (RUSTIC) HARDWARE, SIGNATURE LCK, CLY (RUSTIC) SQUARE STYLE LIFT HANDLE, BETTERVUE FG FULL SCRNL, SCREEN(S) LOOSE, OGEE LUGS APPLIED, BLACK JAMBLINER, CLASS 5 BALANCES, 2 PER BTM SASH LIFT HNDL

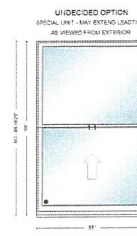
\*\*\* Species-Finish-Color \*\*\*  
Unit 1.1: PINE SPECIES, 70% FLR POLYMR EXT SASH, 70% FLR POLYMR EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT, WD WRAPPED JBLNR, BLACK VERTICAL WEATHERSTRIP

\*\*\* Casing-Jambs-Trim \*\*\*  
Unit 1.1: CSTM CASING, 2-1/8" SILL NSG (B8310), CSTM EXT CASING/ACCESSORIES = Custom 2" Extruded Bmold similar to drawing., KP2 PRIMED BACK PRIMING OF FRAME AND EXTENSION JAMB, EXT CASING/ACCESSORIES APPLIED, N/Fin, 5" JAMBS, HD AND SIDES CSG PLACEMENT, NO INSTL CLIPS

Per Product Bulletin #682 dated 6/8/2015, XL Sterling have non-tiltable sash and interior visual differences from Sterling.

As standard sash will be shipped loose.

Opening(s) designated by a circled 'E' meet most national building codes for emergency escape and rescue requirements. Check local codes for product compliance for desired application.



Scaled to Fit

**Rough Opening:  
55 1/2" X 86 9/16"**

**Frame Size:  
55" X 86"**



011 Rear Rec

\*\*\* Unit \*\*\*  
UDH (Assy 1)

Ultra Rectangle Single Hung

\*\*\* Unit \*\*\*  
Unit 1.1: #1117 VTG, EXTRD SASH, XL STR, SASH OPERATION: TOP FIXED/BTM ACTIVE, SASH SHIPPED LOOSE, SQUARE BASIC JAMB PROFILE

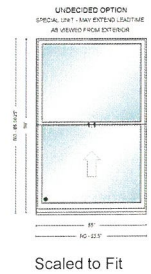
\*\*\* Glass \*\*\*  
Unit 1.1: DL GLZD, SOLAR LOW-E GLASS, MILL FNSH SPACER, GLS PRESRV W/O NT+ CTG, BULD BD  
Unit 1.1 Lower, 1.1 Upper: CLEAR GLS

\*\*\* Hardware-Accessories \*\*\*  
Unit 1.1: CLY (RUSTIC) HARDWARE, SIGNATURE LCK, CLY (RUSTIC) SQUARE STYLE LIFT HANDLE, BETTERTVUE FG FULL SCRNS, SCREEN(S) LOOSE, OGEE LUGS APPLIED, BLACK JAMBLINER, CLASS 5 BALANCES, 2 PER BTM SASH LIFT HNDL

\*\*\* Species-Finish-Color \*\*\*  
Unit 1.1: PINE SPECIES, 70% FLR POLYMER EXT SASH, 70% FLR POLYMER EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT, WD WRAPPED JBLNR, BLACK VERTICAL WEATHERSTRIP

\*\*\* Casing-Jambs-Trim \*\*\*  
Unit 1.1: CSTM CASING, 2-1/8" SILL NSG (B8310), CSTM EXT CASING/ACCESSORIES = Custom 2" Extruded Bmold similar to drawing., KP2 PRIMED BACK PRIMING OF FRAME AND EXTENSION JAMB, EXT CASING/ACCESSORIES APPLIED, N/Fin, 5" JAMBS, HD AND SIDES CSG PLACEMENT, NO INSTL CLIPS

Per Product Bulletin #682 dated 6/8/2015, XL Sterling have non-tiltable sash and interior visual differences from Sterling.  
As standard sash will be shipped loose.  
Opening(s) designated by a circled 'E' meet most national building codes for emergency escape and rescue requirements. Check local codes for product compliance for desired application.



**Rough Opening:  
55 1/2" X 86 9/16"**

**Frame Size:  
55" X 86"**



**012 Rear 3rd Floor**

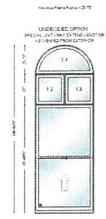
\*\*\* Unit \*\*\*

Unit 1.1: UDH (Assy 1)

Unit 1.2: UDHT (Assy 2)

Unit 1.3: UDHT (Assy 3)

Unit 1.4: URT (Assy 4)



Scaled to Fit

**Rough Opening:  
52" X 149"**

**Frame Size:  
51 1/2" X 148 7/16"**

Unit 1.1: Ultra Rectangle Single Hung

Unit 1.2, 1.3: Ultra Rectangle DH/SH Transom

Unit 1.4: Ultra Half Circle w/o Legs DH/SH Transom

\*\*\* Unit \*\*\*

Unit 1.1: #1117 VTG, EXTRD SASH, XL STR, SASH OPERATION: TOP FIXED/BTM ACTIVE, SASH SHIPPED LOOSE, SQUARE BASIC JAMB PROFILE

Unit 1.2, 1.3, 1.4: EXTRD SASH, MATCH XL STR PROF, SS, SQ STOP

\*\*\* Glass \*\*\*

Unit 1.1, 1.2, 1.3, 1.4: DL GLZD, SOLAR LOW-E GLASS, MILL FNSH SPACER, GLS PRESRV W/O NT+ CTG, BVLD BD

Unit 1.1 Lower, 1.1 Upper, 1.2, 1.3, 1.4: CLEAR GLS

\*\*\* Hardware-Accessories \*\*\*

Unit 1.1: CLY (RUSTIC) HARDWARE, SIGNATURE LCK, CLY (RUSTIC) SQUARE STYLE LIFT HANDLE, BETTERTVUE FG FULL SCRNR, SCREEN(S) LOOSE, OGEE LUGS APPLIED, BLACK JAMBLINER, CLASS 5 BALANCES, 2 PER BTM SASH LIFT HNDR

\*\*\* Species-Finish-Color \*\*\*

Unit 1.1: PINE SPECIES, 70% FLR POLYMR EXT SASH, 70% FLR POLYMR EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT, WD WRAPPED JBLNR, BLACK VERTICAL WEATHERSTRIP

Unit 1.2, 1.3, 1.4: PINE SPECIES, 70% FLR POLYMR EXT SASH, 70% FLR POLYMR EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT

\*\*\* Casing-Jamb-Trim \*\*\*

Unit 1.1, 1.2, 1.3, 1.4: CSTM CASING, 2-1/8" SILL NSG (B8310), CSTM EXT CASING/ACCESSORIES = Custom 2" Extruded Bmold similar to drawing, KP2 PRIMED BACK PRIMING OF FRAME AND EXTENSION JAMB, EXT CASING/ACCESSORIES APPLIED, N/Fin, 5" JAMBS, HD AND SIDES CSG PLACEMENT, NO INSTL CLIPS

Per Product Bulletin #682 dated 6/8/2015, XL Sterling have non-tiltable sash and interior visual differences from Sterling.

As standard sash will be shipped loose.

Opening(s) designated by a circled 'E' meet most national building codes for emergency escape and rescue requirements. Check local codes for product compliance for desired application.

Due to manufacturing procedures, all radius components will have fingerjoints.



013 Rear 41

\*\*\* Unit \*\*\*  
UDH (Assy 1)

Ultra Rectangle Single Hung

\*\*\* Unit \*\*\*  
Unit 1.1: #1117 VTG, EXTRD SASH, XL STR, SASH OPERATION: TOP FIXED/BTM ACTIVE, SASH SHIPPED LOOSE, SQUARE BASIC JAMB PROFILE

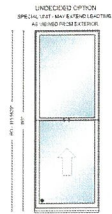
\*\*\* Glass \*\*\*  
Unit 1.1: DL GLZD, SOLAR LOW-E GLASS, MILL FNSH SPACER, GLS PRESRV W/O NT+ CTG, BVLD BD  
Unit 1.1 Lower, 1.1 Upper: CLEAR GLS

\*\*\* Hardware-Accessories \*\*\*  
Unit 1.1: CLY (RUSTIC) HARDWARE, SIGNATURE LCK, CLY (RUSTIC) SQUARE STYLE LIFT HANDLE, BETTERTVUE FG FULL SCRNR, SCREEN(S) LOOSE, OGEE LUGS APPLIED, BLACK JAMBLINER, CLASS 5 BALANCES, 2 PER BTM SASH LIFT HNDL

\*\*\* Species-Finish-Color \*\*\*  
Unit 1.1: PINE SPECIES, 70% FLR POLYMR EXT SASH, 70% FLR POLYMR EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT, WD WRAPPED JBLNR, BLACK VERTICAL WEATHERSTRIP

\*\*\* Casing-Jambs-Trim \*\*\*  
Unit 1.1: CSTM CASING, 2-1/8" SILL NSG (B8310), CSTM EXT CASING/ACCESSORIES = Custom 2" Extruded Bmold similar to drawing., KP2 PRIMED BACK PRIMING OF FRAME AND EXTENSION JAMB, EXT CASING/ACCESSORIES APPLIED, N/Fin, 5" JAMBS, HD AND SIDES CSG PLACEMENT, NO INSTL CLIPS

Per Product Bulletin #682 dated 6/8/2015, XL Sterling have non-tiltable sash and interior visual differences from Sterling.  
As standard sash will be shipped loose.  
Opening(s) designated by a circled 'E' meet most national building codes for emergency escape and rescue requirements. Check local codes for product compliance for desired application.



Scaled to Fit

**Rough Opening:  
41 1/2" X 115 9/16"**

**Frame Size:  
41" X 115"**



**014 Rear 55 Arch**

\*\*\* Unit \*\*\*  
UDH (Assy 1)

Ultra Segment Single Hung

\*\*\* Unit \*\*\*  
Unit 1.1: #1117 VTG, EXTRD SASH, XL STR, SASH OPERATION: TOP FIXED/BTM ACTIVE, SASH SHIPPED LOOSE, SQUARE BASIC JAMB PROFILE

\*\*\* Glass \*\*\*  
Unit 1.1: DL GLZD, SOLAR LOW-E GLASS, MILL FNSH SPACER, GLS PRESRV W/O NT+ CTG, BULD BD  
Unit 1.1 Lower, 1.1 Upper: CLEAR GLS

\*\*\* Hardware-Accessories \*\*\*  
Unit 1.1: CLY (RUSTIC) HARDWARE, SIGNATURE LCK, CLY (RUSTIC) SQUARE STYLE LIFT HANDLE, BETTERTVUE FG FULL SCRNS, SCREEN(S) APPLIED, OGEE LUGS APPLIED, BLACK JAMBLINER, CLASS 5 BALANCES, 2 PER BTM SASH LIFT HNDL

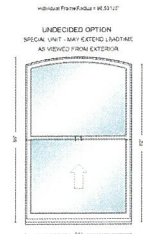
\*\*\* Species-Finish-Color \*\*\*  
Unit 1.1: PINE SPECIES, 70% FLR POLYMER EXT SASH, 70% FLR POLYMER EXT FRAME, Match All Ext Colors, ULTR PR WHT EXT, COLORED PREFINISH INT SASH, COLORED PREFINISH INT FRAME, MATCH ALL INT COLORS, UNDECIDED INT, WD WRAPPED JBLNR, BLACK VERTICAL WEATHERSTRIP

\*\*\* Casing-Jambs-Trim \*\*\*  
Unit 1.1: CSTM CASING, 2-1/8" SILL NSG (B8310), CSTM EXT CASING/ACCESSORIES = Custom 2" Extruded Bmold similar to drawing., KP2 PRIMED BACK PRIMING OF FRAME AND EXTENSION JAMB, EXT CASING/ACCESSORIES APPLIED, N/Fin, 5" JAMBS, HD AND SIDES CSG PLACEMENT, NO INSTL CLIPS

Per Product Bulletin #682 dated 6/8/2015, XL Sterling have non-tiltable sash and interior visual differences from Sterling.

As standard sash will be shipped loose.

Due to manufacturing procedures, all radius components will have fingerjoints.



Scaled to Fit

**Rough Opening:  
55 1/2" X 86 9/16"**

**Frame Size:  
55" X 86"**



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**015** None Assigned

\*\*\* Additional Charge \*\*\*

TOOL, DIE & SETUP, Custom 2" Extruded Bmold similar to drawing.



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## Notes / Totals / Signature

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Total Quantity: 73      Total Cubic Feet: 3,419.56      Total Perimeter Feet: 23,959.50

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Total Amount includes Kolbe and/or Non-Kolbe lines if applicable

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## Notes / Totals / Signature

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### Terms & Conditions:

Terms & Conditions:

#### QUOTE VALIDITY

Quotes are valid for 30 days from the quotation sent date. Any/all revisions are subject to pricing updates. Quotes older than 30 days are to be updated and reviewed prior to any acceptance.

#### ACCEPTANCE OF QUOTE

By accepting this quote, I authorize Kolbe Gallery Twin Cities to place the order as written above. Acceptance of the quote is acknowledged either a signature of it or an initial accepted payment towards it.

I have reviewed the quote and acknowledge that it is correct. I understand that the order I have placed is made-to-order and that Kolbe Gallery Twin Cities is not responsible for any customer ordering errors and will not accept returns for such errors. I understand that I am responsible for notifying my Kolbe Gallery Twin Cities sales representative regarding any applicable local building code requirements, including, but not limited to, requirements for fall protection and tempered glass. Kolbe Gallery Twin Cities is not liable for the same.

I further understand that, in the event I am ordering a partial replacement of products for, or an addition to, an existing structure, the new products I order from the Kolbe Gallery Twin Cities may not be an exact match to existing product in the structure due to environmental conditions, such as sun fading, as well as manufacturing changes.

#### PAYMENT TERMS

Payment is required according to the credit terms associated with your account. If no terms are present, a 50% down payment is required for ordering and full payment due before delivery can be scheduled. The Kolbe Gallery Twin Cities reserves the right to modify terms for each order and will communicate those terms prior to time of acceptance. If required payments are not made for an order, Kolbe Gallery Twin Cities has the legal right to pursue payment through legal means. Sales tax rates are an estimate and subject to change at time of billing, based on legislative changes and/or changes to delivery location.

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Purchase Order:** \_\_\_\_\_





## Ultra Series

The Ultra Series was designed for versatility, durability and performance. Perfect for traditional to modern architectural designs, it can mimic the details of wood windows and doors with numerous options for personalization. From larger daylight openings and spacious entryways, to indoor-outdoor and pass-through solutions, the Ultra Series offers style, performance and functionality for any type of commercial project.

### The Ultra Series offers:

- Durable extruded aluminum exterior in 50+ standard colors & finishes, plus custom hues
- Warm wood interior in familiar to exotic species, with 20+ standard pre-finishes, plus custom finishes
- Versatile styling, from traditional to modern architectural details
- Enhanced energy efficiency & impact performance options to meet climate demands
- Traditional design aesthetics with ability to replicate intricate architectural & historic details
- Divided lite profiles & patterns
- Exterior brickmoulds & casings in various widths & styles
- Glazing options for enhanced energy efficiency, decorative & specialty glass needs
- Hardware options & finishes to match any décor
- Automation options for ease of operation

### Windows

- Crank-out casements
- Push-out casements
- Crank-out awnings
- Push-out awnings
- Sterling double hungs
- Sliding windows
- Direct sets (corner, radius & geometric)
- Folding windows

### Doors

- Sliding doors
- Multi-slide doors
- TerraSpan® lift & slide doors
- Folding doors
- Swinging doors
- Entrance doors
- Pivot doors
- Commercial doors

NOTE: Impact performance options are not available for all products.  
Please consult your local Kolbe dealer for specific product details and configurations.