



COMMUNITY DEVELOPMENT
PLANNING DIVISION
301 W. CHESTNUT
planning@rogersar.gov
(479) 621-1186

ROGERS HISTORIC DISTRICT COMMISSION AGENDA

Date: April 16, 2024
Location: 301 W. Chestnut Street
Regular Session: 4:30PM
Online Viewing: <https://us02web.zoom.us/j/88298016923>

DISCLAIMER: The City of Rogers makes no claims, promises, or guarantees regarding the participants ability to attend any public meeting virtually. Technology resources, virtual meeting platforms, and the Internet may occasionally be interrupted or made unavailable by causes beyond the City's reasonable control. The City cannot guarantee that participants will have the opportunity to participate virtually at all times. Public Forums, Public Hearings, and scheduled items of business will not be tabled or postponed due to technological issues. If you are representing a published item of business or wish to speak at a public hearing, in person attendance is required.

REGULAR SESSION – 4:30 PM *City Hall Council Chambers*

CALL TO ORDER

1. Swearing in of new members
2. Vote on Chair and Vice Chair
 - a. Staff recommends Hunter Fry as Chair and Kristyn Lawson as Vice Chair

PUBLIC FORUM

ROLL CALL

ACTION ON MINUTES

1. March 5, 2024

REPORTS FROM STAFF

OLD BUSINESS

NEW BUSINESS

1. COA #24-0156: a request by Charity Holman (Thread 479) for First Street Properties for a Certificate of Appropriateness to replace an awning at 216 S 1st Street.
 - STAFF: *Christina Moore*

- *REPRESENTED BY: Charity Holman*
- 2. COA #24-0166: a request by Tom Hanna for The Golden Rule Building for a Certificate of Appropriateness to renovate an existing balcony on the south side of building at 112 W. Walnut Street.
 - *STAFF: Christina Moore*
 - *REPRESENTED BY: Tom Hanna*

ADJOURN



Historic District Commission

April 16, 2024



Agenda



CALL TO ORDER

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2. Vote on Chair and Vice Chair
 - a. Staff recommends Hunter Fry as Chair and Kristyn Lawson as Vice Chair

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NEW BUSINESS

1. COA #24-0156: a request by Charity Holman for First Street Properties for a Certificate of Appropriateness for awning at 216 S 1st Street.
2. COA #24-0166: a request by Tom Hanna for Golden Rule Building for a Certificate of Appropriateness for proposed renovations to existing balcony at 112 W Walnut Street.

ADJOURN

COA: First Street Plaza



Vicinity Map

Summary

Nature of Request

Replace awning with new business design

COA Scope of Work

Category II

Relevant Design Guidelines

6.4 (Awnings & Canopies)

Location

216 S 1st Street

Representative

Charity Holman, Threads 479

Staff: Christina Moore, Planner I (cmoore@rogersar.gov)

COA: First Street Plaza

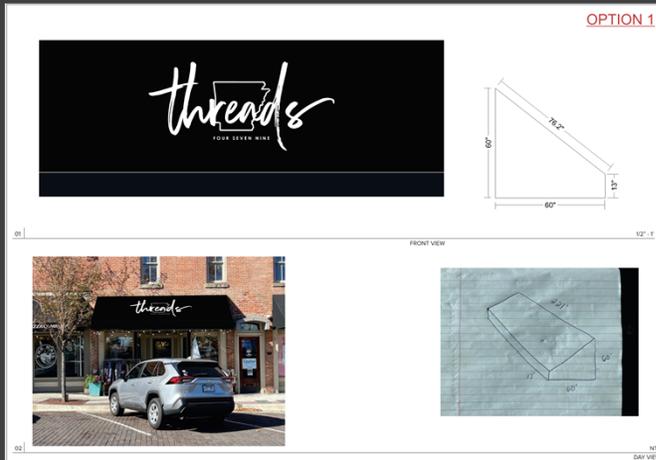


Current Conditions

Summary Continued Architectural Background

- Known as the 1st Street Plaza Building

COA: First Street Plaza



Compatibility with Design Guidelines

- 6.4 (Awnings & Canopies):
 - Minimum Setback for a front awning or canopy shall be at least two-and-a half (2.5) feet from the face of the curb or no closer than one (1) foot from a lamp post.
- Dimensions – no change from current Awning.
 - Width – 18ft, 5 in
 - Height/Drop – 5 ft
 - Depth/Projection – 5 ft
- The sidewalk is 10ft wide in front of shop
- The proposed awning will be 5ft from the face of the curb

Proposed Awning

COA: First Street Plaza



Proposed Awning

Compatibility with Design Guidelines

- 6.4 (Awnings & Canopies):
 - Appropriate supporting mechanisms are wall-mounted brackets, chain or posts.
- The new canopy will use the existing support mechanism.

COA: First Street Plaza



Proposed Awning

Compatibility with Design Guidelines

- 6.4 (Awnings & Canopies):
 - Fabric awnings are appropriate and encouraged for historic buildings and new construction.
- The material will remain the same as current awning
 - Black Color
- The business name will appear in white lettering.

COA: First Street Plaza



Current Conditions

Summary

- The awning is being updated with the name of the business that has been at this location since 2018.
- The awning meets HDC design guidelines.

COA: First Street Plaza



STAFF RECOMMENDATION:

Table to 5/7 meeting due to public notice requirement.

COA: First Street Plaza



Historic District Commission Considerations per Sec. 24-6(d):

Public Input Received:

- a) The Rogers Commercial Historic District design guidelines;
- b) Applicable state law;
- c) Refer to the considerations listed under section 24-1 of the Code of Ordinances;

PROPERTY INFORMATION

Historic name of property: First Street Properties

Address: 216 S 1st Street Lot #: _____ Block #: _____

BUILDING DATA

YEAR BUILT: 1885

CONSTRUCTION TYPE: Wood _____ Brick Stone _____ Other _____

ORIGINAL USE:

- Single-family residential
- Multi-family residential
- Hotel/boarding
- Office
- Commercial/retail
- Industrial
- Vacant
- Mixed-use
- Other

BRIEF HISTORY AND DESCRIPTION OF PROPERTY:

We have been a boutique at this location since 2018

PROPOSED SCOPE OF WORK:

we want to replace our existing black awning with an identical black awning same size, color and material as existing one.

We have included two options and we are happy to go with whatever the committee sees as the best fit. Option 1 or Option

1b

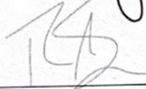
APPLICATION SUBMISSION

Certificates of Appropriateness are effective immediately upon issuance. Work approved must begin within twelve (12) months of approval. If the Certificate of Appropriateness expires, your project must be resubmitted for approval. Any work done outside the scope of the Certificate of Appropriateness renders it null and void.

ANY WORK APPROVED BY THE HISTORIC DISTRICT COMMISSION IS SUBJECT TO ADDITIONAL CITY PERMITS SUCH AS SIGN AND BUILDING PERMITS.

I hereby certify I am the owner, agent of the owner, or other person in control of the property and that the information given herein, and as shown on the application and Certificate of Appropriateness, is true and that I am authorized to obtain this Certificate of Appropriateness. I understand that if the construction and/or installation for which this Certificate of Appropriateness is issued is contrary to the requirements of city codes or regulations, violations must be corrected. Approval by the Historic District Commission does not excuse the applicant, owner, or agent from compliance with any other applicable codes, ordinances, or policies of the City of Rogers.


SIGNATURE OF APPLICANT 3/18/2024
DATE


SIGNATURE OF PROPERTY OWNER 3-18-24
DATE

HISTORIC DISTRICT COMMISSION USE ONLY

This project is: Category I _____ Category II _____ Category III _____

This COA is: Approved _____ Approved with conditions _____ Denied _____

Reasons for approval, conditions, or denial: _____

SECRETARY, HISTORIC DISTRICT COMMISSION DATE

DEPARTMENT OF COMMUNITY DEVELOPMENT OFFICIAL DATE

STATE OF ARKANSAS



John Thurston

ARKANSAS SECRETARY OF STATE

To All to Whom These Presents Shall Come, Greetings:

I, John Thurston, Arkansas Secretary of State of Arkansas, do hereby certify that the following and hereto attached instrument of writing is a true and perfect copy of

Application for Fictitious Name

of

FOR THREADS 314

for

COMPASSION CENTER OF NWA, INC.

filed in this office
February 22, 2024

In Testimony Whereof, I have hereunto set my hand and affixed my official Seal. Done at my office in the City of Little Rock, this 22nd day of February 2024.



John Thurston
John Thurston
Secretary of State

Online Certificate Authorization Code: 72690065e2487eeb7e3
To verify the Authorization Code, visit sos.arkansas.gov

STATE OF ARKANSAS



John Thurston

ARKANSAS SECRETARY OF STATE

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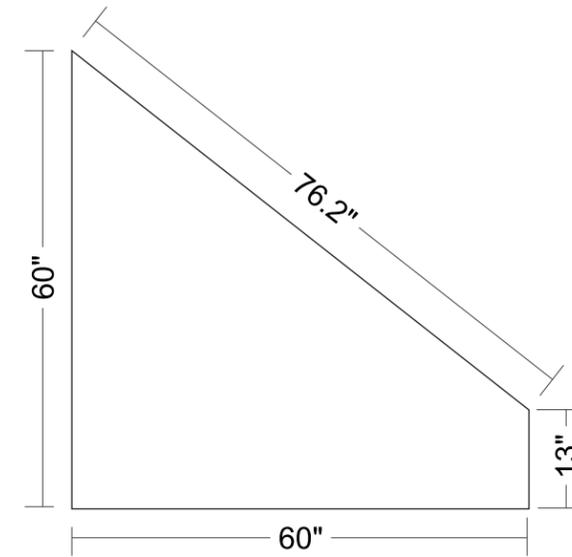
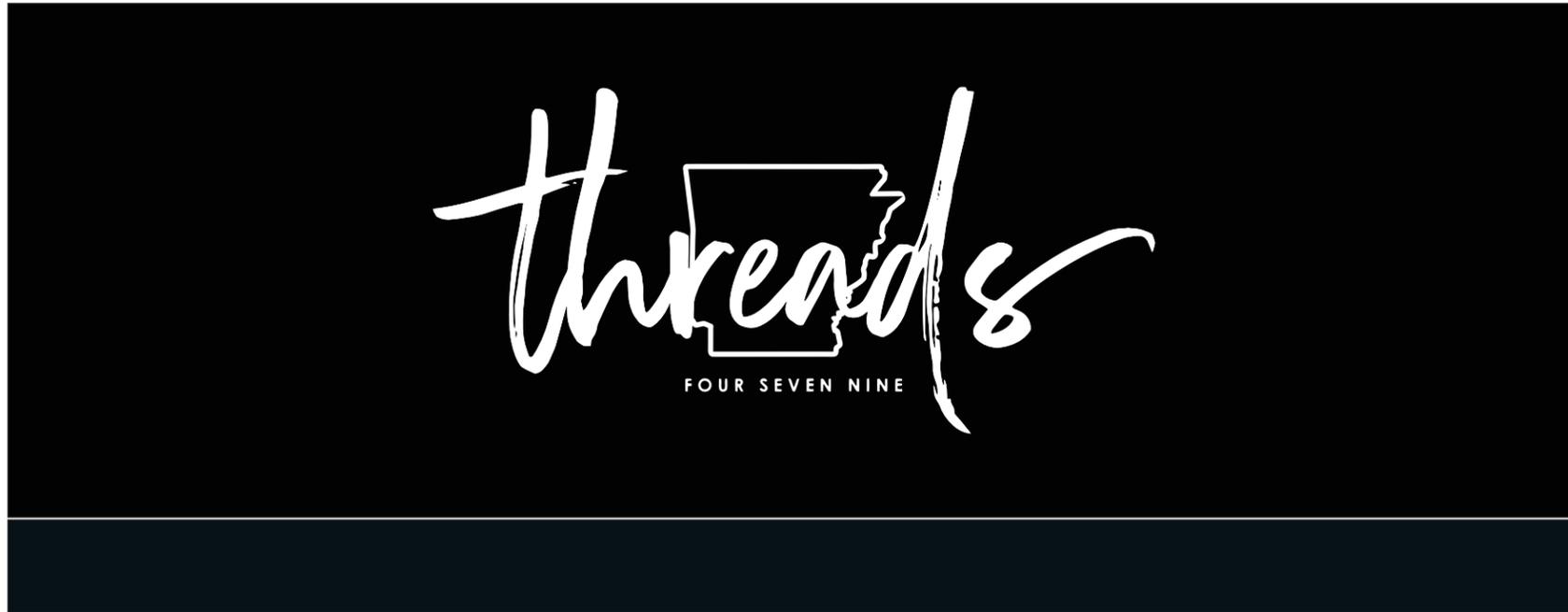
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John Thurston
Secretary of State

Online Certificate Authorization Code: 72689765e21e9c2a507
To verify the Authorization Code, visit sos.arkansas.gov



OPTION 1



CLIENT
COMPANY
ADDRESS

REVISIONS
01/00/2022

DATE
01/01/2023

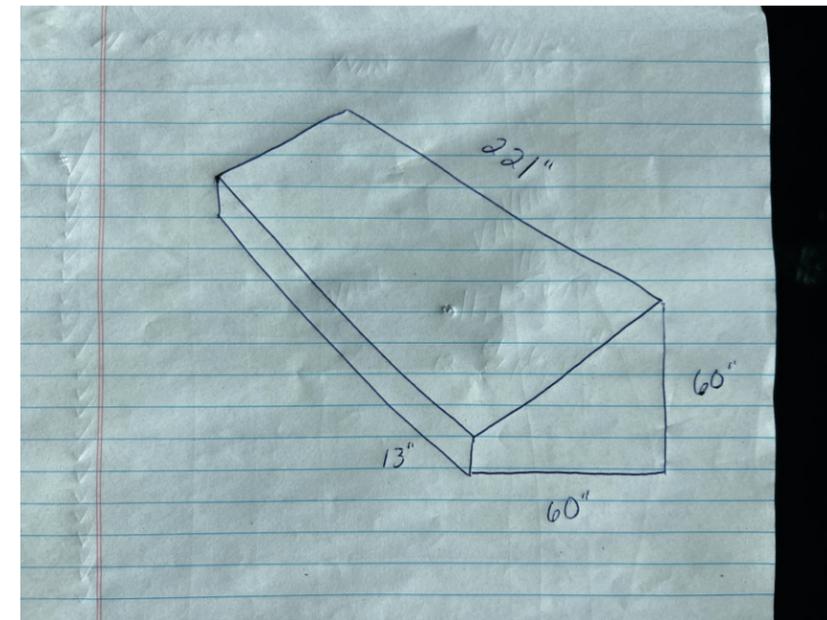
DRAWN BY
ADP

PROJECT
NAME

01

1/2" - 1'

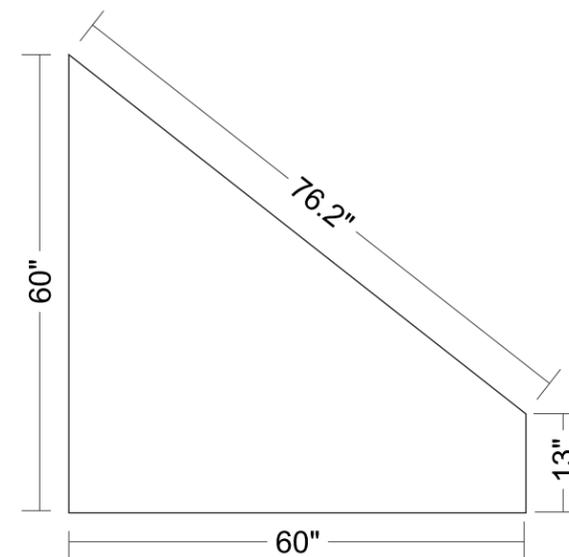
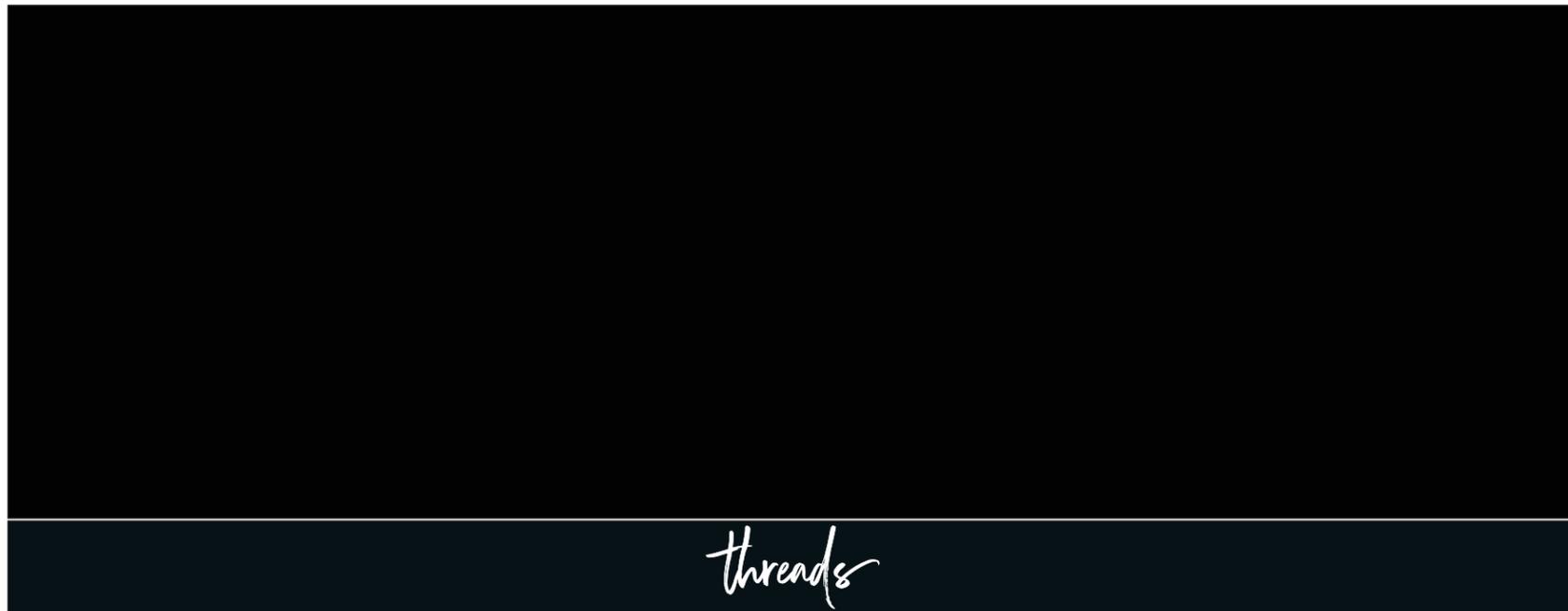
FRONT VIEW



02

NTS
DAY VIEW

OPTION 1b



01

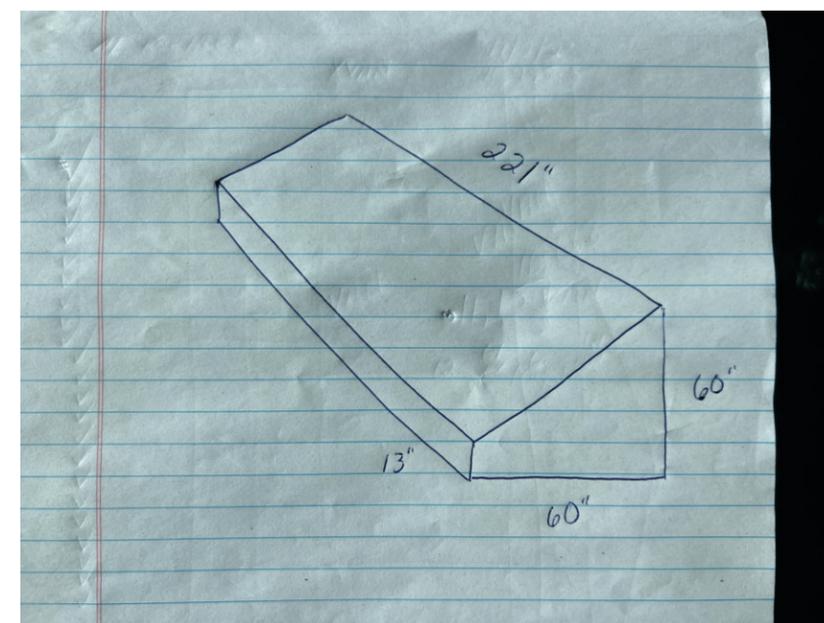
1/2" - 1'

FRONT VIEW



02

NTS
DAY VIEW



CLIENT
COMPANY
ADDRESS

REVISIONS
01/00/2022

DATE
01/01/2023

DRAWN BY
ADP

PROJECT
NAME

216

Threads
FOURTEEN

W
E
L
C
O
M
E
friends

NOTICE OF PUBLIC HEARING
 CERTIFICATE OF APPROPRIATENESS
 To replace existing awning
 with new awning
 Threads
 APPLICANT: Threads
 JURISDICTION: Historic District Commission
 MEETING DATE: April 18, 2024 at 4:30 PM
 MEETING LOCATION: Square City Hall
 301 W. Chestnut St.
 PUBLIC COMMENT: www.phhdc.org/2024/04/18/2024-04-18-Public-Comment-Thread

a thrifftique with
 a ♡ for the hungry
 HAPPY EASTER



So happy
 you're here



COA: Golden Rule



Vicinity Map

Summary

Nature of Request

Renovations to existing balcony

COA Scope of Work

Category II

Relevant Design Guidelines

6.5 (Balconies)

6.23 (Rear of Buildings)

Location

112 W. Walnut Street

Representative

Tom Hanna, Golden Rule

Staff: Christina Moore, Planner I (cmoore@rogersar.gov)

COA: Golden Rule



Current Conditions

Summary Continued Architectural Background

- Historically known as Golden Rule
- Built in 1905 in the 20th Century Commercial Architectural Style
- Key Characteristics of Style: Cast-iron supported storefronts, large display windows, transom lights, bulkhead, recessed entry, double doors, tall second story windows, cornice.

COA: Golden Rule

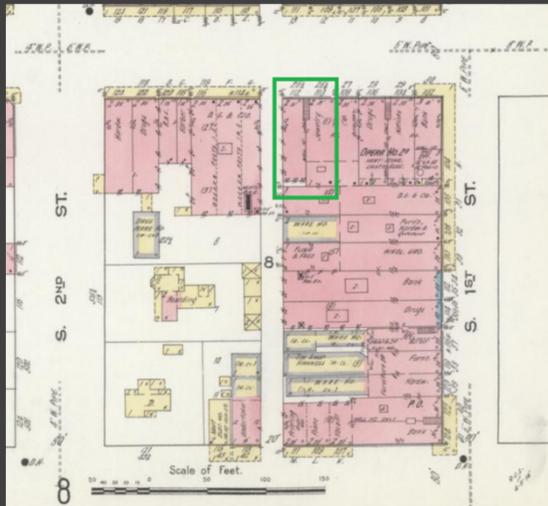


Current Conditions

Compatibility with Design Guidelines

- 6.5 (Balcony):
 - Balconies on upper stories of buildings should be repaired where thought to be original to the building
 - Balconies should conform to all local building and safety codes
- The existing balcony was installed within the last 42 years and is not considered historical.

COA: Golden Rule



Fire Insurance Map from April 1914

Compatibility with Design Guidelines

- 6.5 (Balcony):
 - Balconies on upper stories of buildings should be repaired where thought to be original to the building
 - Balconies should conform to all local building and safety codes
- Prior to 1977, the wall of the Sears building touched the wall of the Golden Rule Building.

COA: Golden Rule



Aerial of Downtown Rogers 1970's

Compatibility with Design Guidelines

- 6.5 (Balcony):
 - Balconies on upper stories of buildings should be repaired where thought to be original to the building
 - Balconies should conform to all local building and safety codes
- Prior to 1977, the wall of the Sears building touched the wall of the Golden Rule Building.

COA: Golden Rule

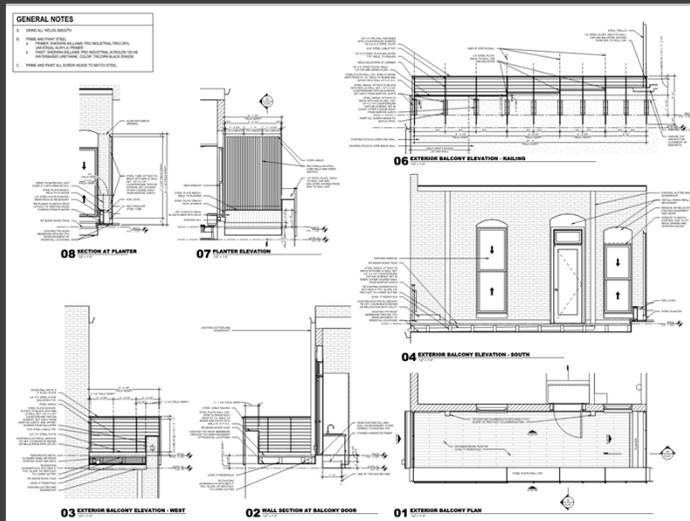


Summer Activity in Centennial Park 1987

Compatibility with Design Guidelines

- 6.5 (Balcony):
 - Balconies on upper stories of buildings should be repaired where thought to be original to the building
 - Balconies should conform to all local building and safety codes
- After a fire in 1977 destroyed the Sears building, Centennial Park was put in its place.

COA: Golden Rule



Proposed Improvements

Compatibility with Design Guidelines

- 6.23 (Rear of Buildings):
 - The rear of the building should be maintained
- The proposed improvements do update the existing balcony.
- The railing is required per building code and the applicant will need to ensure all building code requirements are met.

COA: Golden Rule



Summary

- The existing balcony is not considered historical to the Golden Rule Building.
- Balcony's require a railing per building code.
- The proposed improvements do improve the appearance of the balcony overlooking the Centennial Park.

Proposed Improvements

COA: Golden Rule



STAFF RECOMMENDATION:

Approve.

COA: Golden Rule



Historic District Commission Considerations per Sec. 24-6(d):

Public Input Received:

- a) The Rogers Commercial Historic District design guidelines;
- b) Applicable state law;
- c) Refer to the considerations listed under section 24-1 of the Code of Ordinances;



**DEPT. OF COMMUNITY DEVELOPMENT
PLANNING DIVISION
301 W. CHESTNUT
PHONE: (479) 621-1186
FAX: (479) 986-6896**

<u>OFFICE USE ONLY</u>	
Fee:	_____ (\$100)
COA Number:	_____
CityView Number:	_____
Date Issued:	_____

**CERTIFICATE OF APPROPRIATENESS
Sec. 24-5**

Please see **Appendix A** of this application to determine the appropriate category based on the proposed scope of work. Additional information may be found in the Rogers Commercial Historic District Design Guidelines document. Please see **Appendix B** for required supplemental materials. This project is:

Category I _____

Category II X

Category III _____

APPLICANT INFORMATION

Applicant Name: Jessica Hester Address: 216 W Birch St Suite 101, Rogers, AR 72756

Phone: 479-755-2904 Email: jessica@verdant-studio.com

Property Owner (if not applicant): Tom Hanna Address: 112 W Walnut St, Rogers, AR 72756

Phone: 479-652-7179 Email: THanna@HannaOG.com

Architect/Engineer/Contractor: Verdant Studio Address: 216 W Birch St Suite 101, Rogers, AR 72756

Phone: 479-755-2904 Email: jessica@verdant-studio.com

PROPERTY INFORMATION

Historic name of property: Golden Rule Building

Address: 112 W Walnut St, Rogers, AR 72756 Lot #: PT 1 & 4 Block #: 8

BUILDING DATA

YEAR BUILT: ca. 1894

CONSTRUCTION TYPE: Wood Brick Stone Other

ORIGINAL USE:

- | | |
|--|---|
| <input type="checkbox"/> Single-family residential | <input type="checkbox"/> Industrial |
| <input type="checkbox"/> Multi-family residential | <input type="checkbox"/> Vacant |
| <input type="checkbox"/> Hotel/boarding | <input checked="" type="checkbox"/> Mixed-use |
| <input type="checkbox"/> Office | <input type="checkbox"/> Other |
| <input type="checkbox"/> Commercial/retail | |

BRIEF HISTORY AND DESCRIPTION OF PROPERTY:

The building aquired its name from the Golden Rule chain of stores. In 1908 the west side turned over to a series of cloting compaines with the east side remaining a bit more stable. The upstairs cycled through the offices of different professionals until 2001 when Carl and Beth Guest’s Showcase Trophy & Awards moved in and they converted the east upstairs to their home.

PROPOSED SCOPE OF WORK:

Work includes modifications to an existing balcony to make it useable by second floor residential tenants. Primarily a railing to bring the existing wall up to a guard height that confroms with the building code, a deck surface to protect the roof, and trellis to provide screening. Work also includes removing a small window and replacing it with a window that fits the historic opening.

APPLICATION SUBMISSION

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I hereby certify I am the owner, agent of the owner, or other person in control of the property and that the information given herein, and as shown on the application and Certificate of Appropriateness, is true and that I am authorized to obtain this Certificate of Appropriateness. I understand that if the construction and/or installation for which this Certificate of Appropriateness is issued is contrary to the requirements of city codes or regulations, violations must be corrected. Approval by the Historic District Commission does not excuse the applicant, owner, or agent from compliance with any other applicable codes, ordinances, or policies of the City of Rogers.

DocuSigned by: *Jessica Hester* 3/22/2024
SIGNATURE OF APPLICANT DATE

DocuSigned by: *[Signature]* 3/22/2024
SIGNATURE OF PROPERTY OWNER DATE

HISTORIC DISTRICT COMMISSION USE ONLY

This project is: Category I _____ Category II _____ Category III _____

This COA is: Approved _____ Approved with conditions _____ Denied _____

Reasons for approval, conditions, or denial: _____

SECRETARY, HISTORIC DISTRICT COMMISSION DATE

DEPARTMENT OF COMMUNITY DEVELOPMENT OFFICIAL DATE

APPENDIX A: CATEGORY INFORMATION

CATEGORY I: Ordinary Maintenance

This category is constituted by exterior repairs with no change in design, color, material, or appearance. Work includes repainting with same color(s), minor repairs with no additions or removals, replacing rotted porch flooring, damaged exterior surface and/or trim, rusted screening or surface-mounted gutters, roofing of same type and color, or essentially similar work.

Public notice is *not* required for this category.

CATEGORY II: Exterior Changes Not Affecting Surrounding Property

This category includes repainting structures in original or authentic color(s), restoring to original design or appearance, minor removals such as removing porches or enclosures not part of the original structure, additions that reconstruct original features, or essentially similar work not materially affecting surrounding property owners by changing neighborhood character. This category includes building signage.

Public notice is required for this category.

CATEGORY III: Exterior Changes Affecting Surrounding Property

This category includes construction of new additions which previously never existed, building new or demolishing buildings and outbuildings, removing original features or detailing from a building such as doors, windows, or trim, or essentially similar work which materially affects surrounding property owners.

Public notice is required for this category.

APPENDIX B: REQUIRED SUPPLEMENTS

The Historic District Commission and Department of Community Development staff may require the following supplements based on applicability to proposed scope of work:

- An accurate color rendering, photograph, or drawing of each elevation on which changes are proposed, that shows existing appearances and proposed changes;
- A description of the materials to be used and an overall scheme, including without limitation, foundation, walls, trim, windows, doors, any other exterior surface or detail;
- Relevant material samples;
- A color sample of any and all proposed paints to be used on the exterior;
- If the proposed work involves a new construction or a change in footprint, a general site plan including the necessary details as specified by the Department of Community Development or a surveyed property boundary drawing; or
- If the proposed work involves demolition, a structural report from a licensed engineer or architect, an Environmental Assessment report, or multiple contractor estimates for cost of rehabilitation and demolition.



Adjourn

GENERAL NOTES

- A. GRIND ALL WELDS SMOOTH
- B. PRIME AND PAINT STEEL
 - a. PRIMER: SHERWIN-WILLIAMS PRO INDUSTRIAL PRO-CRYL UNIVERSAL ACRYLIC PRIMER
 - b. PAINT: SHERWIN-WILLIAMS PRO INDUSTRIAL ACROLON 100 HS WATERBASED URETHANE, COLOR: TRICORN BLACK SW6258
- C. PRIME AND PAINT ALL SCREW HEADS TO MATCH STEEL



216 WEST BIRCH STREET
ROGERS, ARKANSAS 72756
(479) 755-2904
WWW.VERDANT-STUDIO.COM

NOT FOR CONSTRUCTION

03/21/24

23-105
GOLDEN RULE LOFT

112 WEST WALNUT STREET
ROGERS, AR 72756

CONSTRUCTION DOCUMENTS

ID	NAME	BY	DATE
2	PERMIT SET - EXTERIOR ONLY		03/21/24
3	100% CONSTRUCTION DOCUMENTS		03/21/24

PROJECT NO: 23-105

DATE: 03/21/24

DRAWN BY: GG

CHECKED BY: Checker

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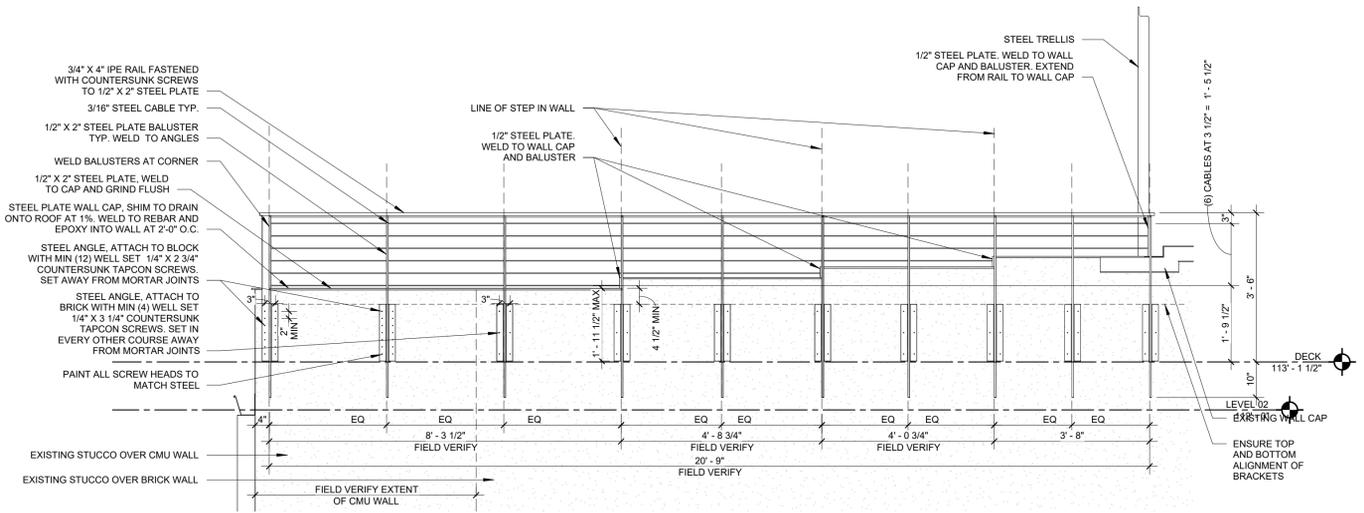
DRAWINGS AND SPECIFICATIONS AS INSTRUMENTS OF SERVICE ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. THEY ARE NOT TO BE USED ON EXTENSIONS OF THE PROJECT OR OTHER PROJECTS, EXCEPT BY AGREEMENT IN WRITING AND APPROPRIATE COMPENSATION TO THE ARCHITECT.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT THE JOB SITE. DRAWINGS ARE NOT TO BE SCALED. THE ARCHITECT WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE PROJECT.

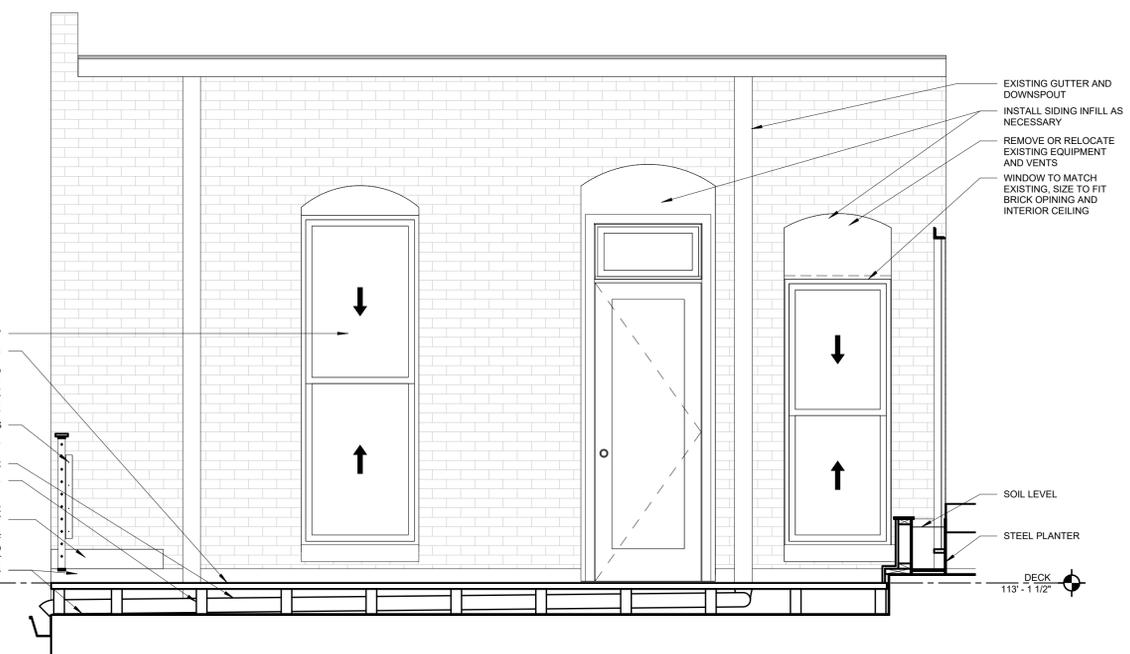
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EXTERIOR BALCONY PLAN & ELEVATIONS

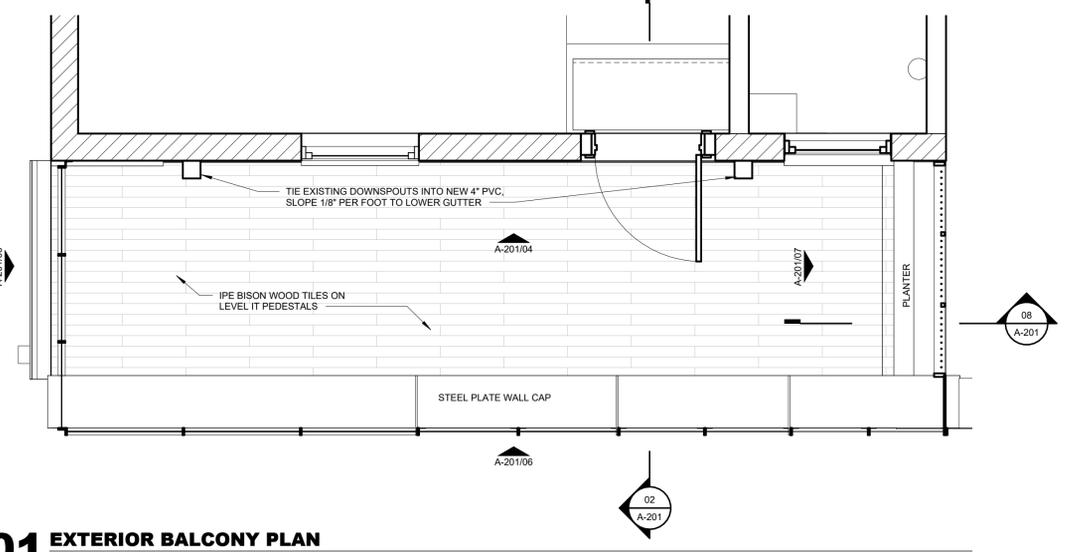
A-201



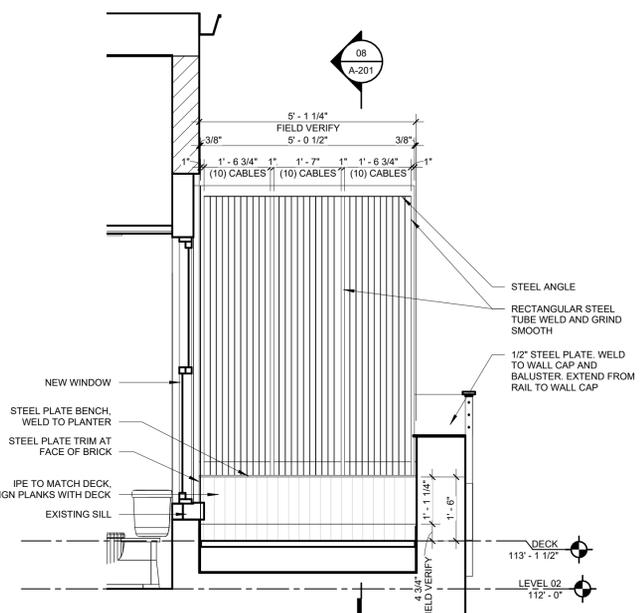
06 EXTERIOR BALCONY ELEVATION - RAILING
1/2" = 1'-0"



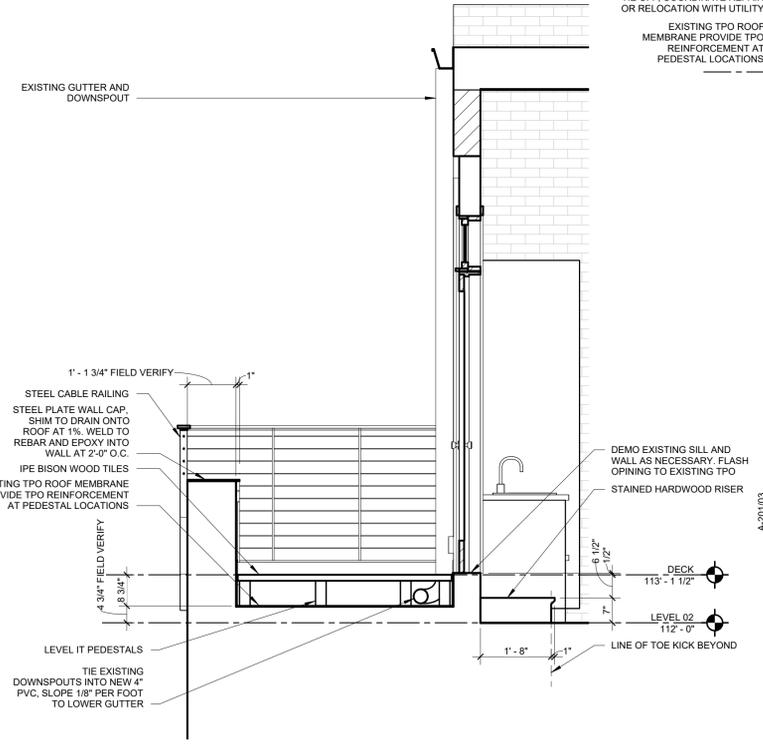
04 EXTERIOR BALCONY ELEVATION - SOUTH
1/2" = 1'-0"



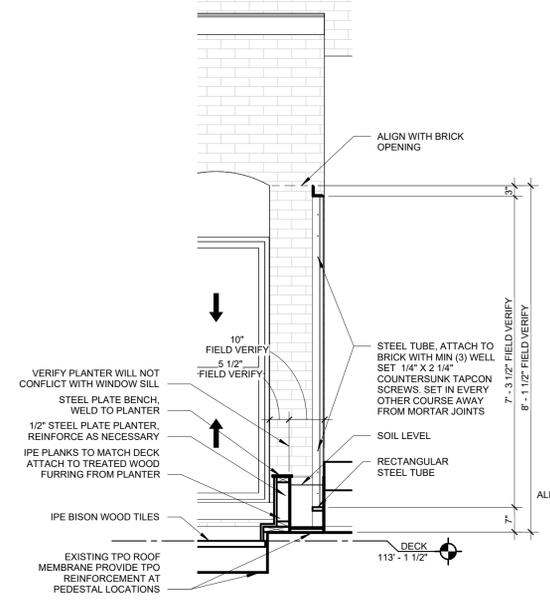
01 EXTERIOR BALCONY PLAN
1/2" = 1'-0"



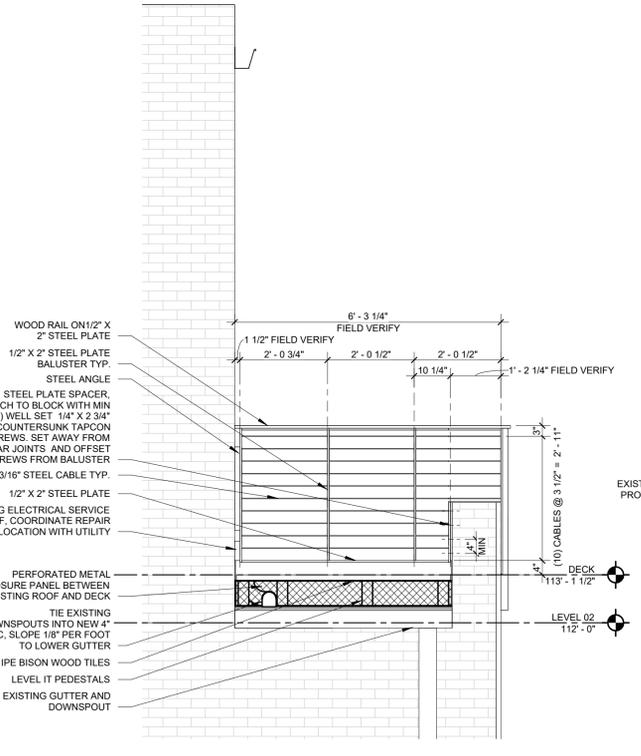
07 PLANTER ELEVATION
1/2" = 1'-0"



02 WALL SECTION AT BALCONY DOOR
1/2" = 1'-0"



08 SECTION AT PLANTER
1/2" = 1'-0"



03 EXTERIOR BALCONY ELEVATION - WEST
1/2" = 1'-0"



**VERDANT
STUDIO**

216 WEST BIRCH STREET
ROGERS, ARKANSAS 72756
(479) 755-2904
WWW.VERDANT-STUDIO.COM

**NOT FOR
CONSTRUCTION**

03/21/24

**23-105
GOLDEN RULE LOFT**

**112 WEST WALNUT
STREET
ROGERS, AR 72756**

CONSTRUCTION DOCUMENTS

ID	NAME	BY	DATE
2	PERMIT SET - EXTERIOR ONLY		03/21/24
3	100% CONSTRUCTION DOCUMENTS		03/21/24

PROJECT NO: 23-105
DATE: 03/21/24
DRAWN BY: GG
CHECKED BY: Checker
COPYRIGHT: 2023

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**EXTERIOR
BALCONY
RENDERED
ELEVATIONS**

A-202



03 BALCONY VIEW



02 EXTERIOR BALCONY ELEVATION - WEST
1/2" = 1'-0"



01 EXTERIOR BALCONY ELEVATION - SOUTH
1/2" = 1'-0"



Revive Hybrid Double Hung Pocket Replacement Window

Features and Benefits

- **Exceptionally easy to maintain** – Engineered, high-endurance cellular PVC sash will not decay, warp, crack, split or swell
- **Excellent thermal performance** – Cellular PVC sashes help keep the cold and heat outside – and help keep you comfortable inside
- **Sleek appearance and clean lines** – Recessed lock, keeper and tilt latch won't get in the way of your view
- **Low-maintenance exteriors** – Heavy-duty aluminum cladding protects the pocket frame
- **Easy cleaning** – EZ Tilt sash makes washing the outside glass more convenient
- **Easy sash operation** – Fixed-back, one-piece PVC jambliner, combined with a full-sized block and tackle balance system, allows sash to smoothly glide open and closed
- **Exceptional structural stability** – Head frame corners are keyed, screwed and silicone-injected
- Full- or half-screen options

Sizes

Available in custom sizes

Glazing

- 3/4" inch double pane insulated glass comes standard with energy efficient Cardinal® LoE 366 coating; tinted, tempered, obscure and laminated glazing options available
- Custom and special glass types available

Grilles

Windsor Divided Lite (WDL) = simulated divided lite

- 3/4" and 1" Profiled Inner Grille
- 13/16" Flat Inner Grille
- 7/8" and 1-1/4" Ogee WDL
- 5/8" and 7/8" Short Putty WDL
- 2" Simulated Check Rail (DH picture only)
- Standard and custom grille patterns available

Interior Trim and Accessories

- 11 trim profiles
- Stool and apron
- 7 interior stops
- Base shoe and cove
- Rosettes

Finishes

- Interior – Available in Clear Select Pine, primed or painted white (standard)
- Exterior – Heavy-duty extruded aluminum cladding on frame and cellular PVC sashes

Clad Colors

All clad colors painted in-house with the highly durable AAMA 2604 standard finish, or upgrade to AAMA 2605 for the most challenging of environments

- 24 Standard Clad Colors available in 2604 and 2605 finish
- 20 Feature Clad Colors available in 2604 and 2605 finish (Custom color matching is also available)
- 7 Matte Clad Colors available in the 2604 finish only

Hardware

Double hung lock available in champagne, white, bronze, faux bronze and satin nickel

Performance Ratings

For current performance ratings, visit our website at windsorwindows.com and click on "Professional Information" in the menu bar



Type	Sill Angle	Revive Replacement Unit (Frame Size)				Existing Frame (Opening Size)			
		Min Width	Max Width	Min Height	Max Height	Min Width	Max Width	Min Height	Max Height
Hybrid DH Operating	0-7 Degree	17-3/8"	41-3/8"	31-15/16"	79-7/8"	17-7/8"	41-7/8"	32-5/16"	80-1/4"
	>7 Degree			*31-5/16"	*79-5/16"			31-11/16"	79-11/16"
Hybrid DH Picture	0-7 Degree	16-3/4"	61-3/8"	20-3/16"	75-13/16"	17-1/4"	73-7/8"	20-5/8"	75-9/16"
	>7 Degree			*19-5/8"	*75-3/16"			20-0"	76-3/16"

*For units with a sill angle >7 degrees, add 5/8" to inside frame height to calculate the outside or overall frame dimension height.



Pinnacle Select In-swing and Out-swing Patio Doors

Features and Benefits

- Available in aluminum exterior / wood interior, or aluminum exterior / aluminum interior
- Thermally broken aluminum panels and frames
- Single-panel and two panel options
- 2-3/8" thick panel construction
- Narrow 3-3/16" wide panels reveal more glass for beautiful views
- Standard and ADA sill options
- Three-point multi-point locking system on 8-0 through 10-0 tall doors; four-point multi-point locking system on doors over 10-0 tall

Sizes

- Standard panel widths: 2-6, 2-8, 3-0, 3-6
- Standard panel heights: 8-0, 9-0, 10-0, 11-0, 12-0
- Maximum panel size: 3-6 x 12-0
- Door sizes up to 3-6 x 12-0 single-panel door and 7-0 x 12-0 two-panel door

Glazing

- 1" overall double pane insulated glass, Cardinal® LoE 366 glass standard, LoE 270 and Dual Low-E optional
- Interior stop glazed

Finishes

- Interior – Wood interior doors available in Clear Select Pine or Douglas Fir (Note: interior prefinish not available); aluminum interior doors available in color matched aluminum (Note: exterior and interior aluminum colors will be the same)
- Exterior – All doors have heavy-duty thermally broken aluminum panels and frames

Clad Colors

All clad colors painted with the highly durability of AAMA 2604 standard finish, or upgrade to AAMA 2605 for the most challenging of environments

- 24 Standard Clad Colors available in 2604 and 2605 finish
- 20 Feature Clad Colors available in 2604 and 2605 finish
- 7 Matte Clad Colors available in 2604 finish only

Hardware

- Multi-point lock on operable panels
 - 3-point on 8-0, 9-0 and 10-0 tall doors
 - 4-point on 11-0 and 12-0 tall doors
- Non-adjustable hinges
- Three handle set styles



In-swing/Out-swing
Alum Ext. Wood Int. Panel



In-swing/Out-swing
Alum Ext. Alum Int. Panel



In-swing 1-1/4" standard sill



Out-swing 1-1/4" standard sill

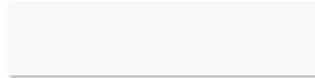


ADA sill

Options & Accessories

Finishing touches to perfect your vision. See the difference paint can make. Windsor's in-house paint application can help you make a statement with your Legend HBR windows and doors. Choose from over 50 shades in our standard and feature color palettes, or make it truly unique with custom color matching or our matte finish colors. All paints are protected with the highly durable 2604¹ finish, or you can upgrade to 2605² for even stronger defense against the elements.³

STANDARD CELLULAR PVC COLOR



White

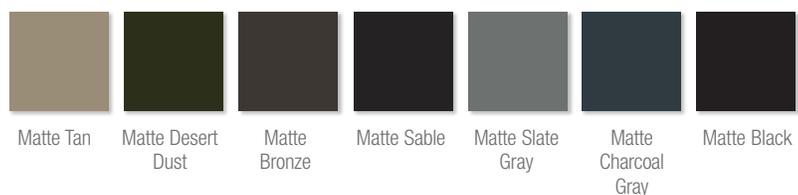
STANDARD CLAD COLORS (LEGEND HBR) Available in 2604 and 2605 finish.



FEATURE CLAD COLORS (LEGEND HBR) Available in 2604 and 2605 finish. (Custom color matching is also available.)



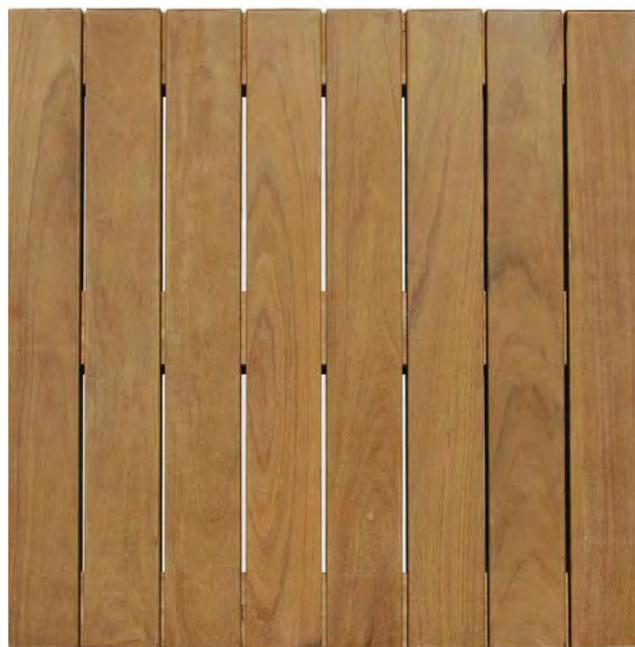
MATTE CLAD COLORS (LEGEND HBR) Available in 2604 finish only.



¹AAMA 2604 finish backed by a 20-year warranty.

²AAMA 2605 finish backed by a 30-year warranty.

³For applications within one mile of the coast, AAMA 2605 finish will carry a 10-year warranty and AAMA 2604 will carry no warranty. For specific warranty details, please refer to the complete warranty document posted on our website, www.windsorwindows.com.

**DIMENSIONS:**

- 20" x 20" x 1-1/2"
- 24" x 24" x 1-5/8"
- 24" x 48" x 1-5/8" (Custom Size)

SURFACE:

- Smooth
- Grooved

WEIGHT:

- 5.75lbs per SqFt *LIGHT WEIGHT!*

FIRE RATING:

- Class A
(ASTM E108-07a Spread of Flame)

HARDNESS:

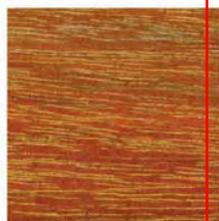
- 3,680 lbs (Janka Rating)

Tile Tech's IPE Wood paving tiles are designed for constructing raised wood decks over exterior surfaces such as rooftops, terraces and plazas, in both residential and commercial applications.

Our IPE Wood Tiles are constructed from kiln dried 1x3 IPE wood face slats secured to 3 IPE wood support runners (battens) using corrosion resistant stainless steel screws. Due to their high structural strength, dimensional stability and low flexing, Tile Tech's IPE paving tiles are specifically designed for installation on our pedestal supports, enabling decks with a perfectly horizontal surface to be built over sloping or irregular surfaces. Pedestals can be either fixed height or adjustable for slop compensation. The Pedestal System provide a broad footprint that can easily be installed and placed directly on top of roofing and waterproofing systems with no insulation.



Weathered



Waxed



Varnished



Smooth Surface Structural IPE Deck tiles is our most popular tile and exceeds the Americans with Disabilities Act requirements for Static Coefficient of friction in a wet environment (ASTM-C1028-89)



Grooved Surface Structural IPE Deck tiles provide the highest slip resistance for wet climates. often specified when added slip resistance is desired but not required.



Sealed or Weathered IPE Deck Tiles can be sealed to maintain its natural beauty or it can be allowed to weather to a beautiful silver gray. To retain the rich color, an oil based finish with ultraviolet inhibitors is recommended.



Structurally constructed with 7/8" thick boards for extra strength and resistance to flexing. A slot cut in the corner of each tile enables a special washer to be inserted and invisibly screwed to the top of the pedestal, thus locking down the tiles and ensuring a safe, secure and level surface.

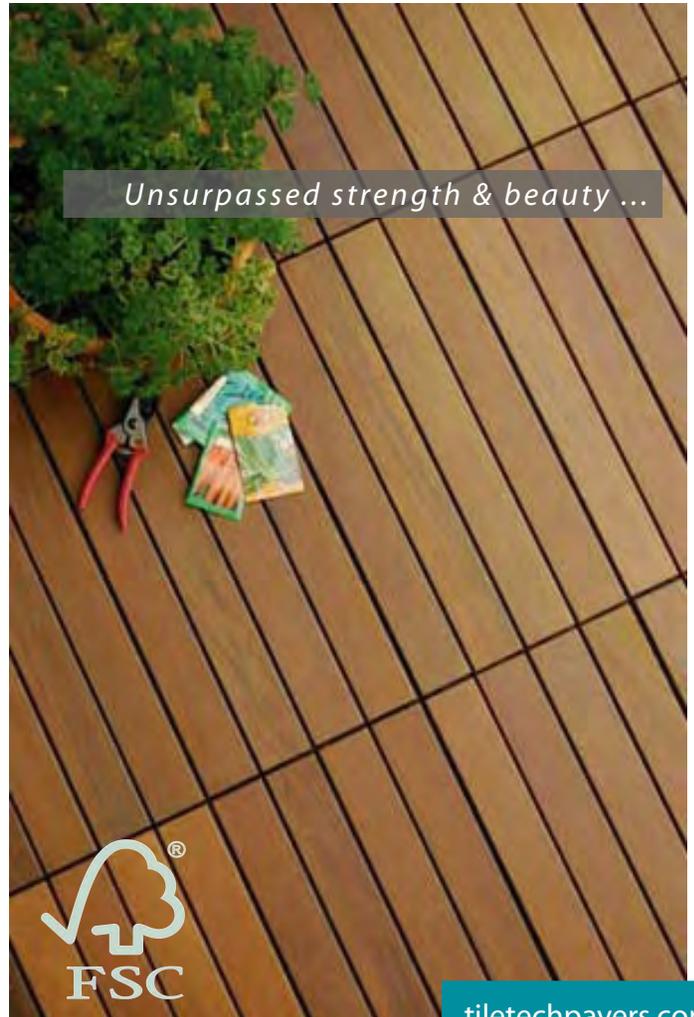
WOOD TYPES	Hardness Janka Scale (lbs)	Bending Strength (psi)	Fire Rating	Decay Resistance	Life Span (years)	Appearance
IPÊ	3,680	22,560	High A	Highest rating for insect and termite resistance	30+	Also known as "Ironwood", is an extremely dense, tight grained. No splinters, surface stays smooth & resists damage.
Massaranduba	3,190	17,310	High A	Highest rating for insect and termite resistance.	25+	Also known as Brazilian Redwood, has a consistent reddish color with a fine straight grain and is nearly blemished free.
Teak	1,000	14,600	Medium B-C	Generally very resistant. Different grades will vary greatly	10-15	Very dense, straight-grained hardwood with a high natural oil content. Deep rich brown with some pieces displaying red and amber hues
Pressure Treated Pine	870	14,500	Varies	Chromated copper arsenate in wood offers excellent resistance, but with potential health and environmental risks.	10	Surface develops splits, checks, boards cup and twist, becomes rough & gray to green without regular sealing
Composite Decking	940 - 1,390	1,500 - 4,500	Low C-D	Generally resistant. Different types will vary greatly	10-15	Tendency to sag, expand, contract and fade in sunlight. Susceptible to moisture, mold and mildew
Redwood	480	7,900	Low C-D	Resistant to decay, but relatively soft and quick to weather.	10-12	Usually straight grained with a fine, even texture. Scratches easily, splinters & becomes black gray without regular sealing.

The **Janka hardness** is a measurement of the force necessary to embed a .444-inch steel ball to half its diameter in wood, and is the industry standard for gauging a wood product's resistance to wear and denting.

Top View



Bottom View



Pro Industrial™ Acrolon™ 100**Waterbased Urethane Eg-Shel**

B65-420 Series (Part A), B65V00620 (Part B)

**SW 6258
Tricorn Black****SHERWIN
WILLIAMS.****CHARACTERISTICS**

Pro Industrial Waterbased Acrolon 100 is an advanced technology, less than 100 grams per liter V.O.C., Waterbased, acrylic urethane. It provides performance properties comparable to premium quality solvent-based urethanes. This is an abrasion resistant urethane that has excellent weathering properties.

- Can be applied directly to water based and solvent based organic zinc rich primers
- Suitable for use in Canadian Food Processing facilities (B65W421, B65T424, B65V620): Non-Food contact areas.
- Easy application & cleanup
- Ultradeep Tint Base (B65T00424) can be used as a clear coat.
- Suitable for use in USDA inspected facilities

Finish: 25-40 units @ 60°
Color: Most Colors

Recommended Spreading Rate per coat:

Wet mils: 4.0-8.0
Dry mils: 1.8-3.5
Coverage: 200-400 sq. ft. per gallon
Theoretical Coverage: 706 sq. ft. per gallon @ 1 mil dry
Approximate spreading rates are calculated on volume solids and do not include any application loss.

Note: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 5.0 mils wet, @ 50% RH:
Drying and recoat times are temperature, humidity, and film thickness dependent.

	@55°F	@77°F	@120°F
To touch:	3 hrs.	1.5 hrs.	45 min.
To handle:	12 hrs.	6 hrs.	2 hrs.
Minimum recoat:	16 hrs.	8 hrs.	2-4 hrs.
Maximum recoat*:	3 months	3 months	3 months
To Cure:	14 days	10 days	2 days
Pot Life:	3 hrs.	2.5 hrs.	1 hour
Sweat-In-Time:	not required		

Mix Ratio: 2 components, 6:1 by volume

*If maximum recoat time is exceeded, abrade surface before recoating.

Tinting Part A with CCE: Use the 100% tint strength formula pages. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

Extra White B65W00421/B65V00620

(may vary by color)

V.O.C. (less exempt solvents):**As mixed 6:1 unreduced**

78 grams per litre; 0.65 lbs. per gallon

As per 40 CFR 59.406

Volume Solids: 44 ±2%**Weight Solids:** 57 ±2%**Weight per Gallon:** 10.67 lbs**Flash Point:** >200°F PMCC**Vehicle Type:** Acrylic Urethane**Shelf Life:** 24 months, unopened**COMPLIANCE**

As of 2/21/2024, 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	
(CDPH v1.2-B65W421/B65V620)	No
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	No
MIR-Manufacturer Inventory	No
MPI®	No

APPLICATION

Temperature:
minimum 55°F / 13°C
maximum 120°F / 49°C

air, surface, and material
At least 5°F / -15°C above dew point

Relative humidity: 85% maximum

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: Water
In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with water.

Airless Spray:

Pressure 2000 p.s.i.

Hose ¼ inch I.D.

Tip .013-.015 inch

Filter 60 mesh

Reduction: As needed up to 15% by volume

Brush: Nylon-polyester

Roller Cover: 3/8 inch woven

Reduction: As needed up to 15% by volume with water, 5-15% minimum reduction required for brush and roll.

If specific application equipment is listed above, equivalent equipment may be substituted.

Apply paint at the recommended film thickness and spreading rate as indicated. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance. Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material loss during mixing, spillage, over thinning, climatic conditions, and excessive film build.

Mix separate components thoroughly with low speed agitation before use. Make certain no pigment remains on the bottom of the can. Then combine 6 parts by volume of Part A with 1 part by volume of Part B. Mix thoroughly with low speed agitation. Reduce 5% - 15% by volume with water for brush and roll application. Re-stir before using. If reducer is used, add only after both components have been thoroughly mixed together. Do not apply the material beyond recommended pot life. Do not mix previously catalyzed material with new.

Stripe coat crevices, welds, and sharp angles to prevent early failure in these areas. When using spray equipment, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. Apply coating evenly while maintaining a wet edge to prevent lapping. If necessary, cross spray at a right angle.

SPECIFICATIONS**Steel:**

1 coat Pro Industrial Pro-Cryl Primer
or
1 coat Pro Industrial Kem Bond HS
1-2 coats Pro Industrial Waterbased Acrolon 100

Steel:

1 Zinc Clad IV
1-2 coats Pro Industrial Waterbased Acrolon 100

Steel:

1 Zinc Clad IV
1 coat Macropoxy 646-100
1-2 coats Pro Industrial Waterbased Acrolon 100

Aluminum & Galvanizing:

1 coat Pro Industrial DTM Wash Primer
1-2 coats Pro Industrial Waterbased Acrolon 100

Concrete Block (CMU):

1 coat Pro Industrial Heavy Duty Block Filler
or Loxon Acrylic Block Surfer
2 coats Pro Industrial Waterbased Acrolon 100

Concrete (high performance):

1 coat Kem-Cati-Coat HS Epoxy Filler-Sealer
or Cement-Plex 875 WB Block Filler
1-2 coats Pro Industrial Waterbased Acrolon 100

Concrete and Masonry Smooth:

1 coat Loxon Concrete and Masonry Primer
1-2 coats Pro Industrial Waterbased Acrolon 100

Drywall:

1 coat ProMar 200 Zero V.O.C. Primer
2 coats Pro Industrial Waterbased Acrolon 100

Pre-Finished Siding: (Baked-on finishes)

1 coat Pro Industrial Bond-Plex Waterbased Acrylic
1-2 coats Pro Industrial Waterbased Acrolon 100

The systems listed above are representative of the product's use, other systems may be appropriate.

Pro Industrial™ Acrolon™ 100

Waterbased Urethane Eg-Shel

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.

When cleaning the surface per SSPC-SP1, use only an emulsifying industrial detergent, followed by a clean water rinse. Do not use hydrocarbon solvents for cleaning.

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Iron & Steel – Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. Minimum surface preparation is Commercial Blast Cleaning per SSPC-SP6/NACE 3. For better performance, use Near White Blast Cleaning per SSPC-SP10/NACE 2. Blast clean all surfaces using a sharp, angular abrasive for optimum profile (2 mils / 50 microns). Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

Aluminum - Remove all oil, grease, dirt, oxide, and other foreign material per SSPC-SP1. Primer required.

Galvanizing - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2. Primer required.

Concrete Block - Surface should be thoroughly clean and dry. Air, material, and surface temperatures must be at least 50°F (10°C) before filling. Use Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfacer. The filler must be thoroughly dry before topcoating.

Concrete and Masonry – For surface preparation, refer to SSPC-SP13/NACE 6. Or ICRI No. 310.2R, CSP 1-3. Surfaces should be thoroughly cleaned and dry. Concrete and mortar must be cured at least 28 days @ 75°F (24°C). Surface temperature must be at least 55°F (13°C) before filling. Surface must be free of laitance, concrete dust, dirt and form release agents, moisture curing membranes, loose cement, and hardeners. Fill big holes, air pockets and other voids. Primer required.

Pre-Finished Siding: (Fluorocarbon, Silicone Polyester, and Polyester Polymers) – Remove oil, grease, dirt, oxides, and other contaminants from the surface by cleaning per SSPC-SP1 or water blasting per NACE Standard RP-01-72 (caution: excessive blasting pressure may cause warping, use caution). Always check for compatibility of the previously painted surface with the new coating by applying a test patch of 2-3 square feet. Allow to dry thoroughly for 1 week before checking adhesion. Use recommended primer.

SURFACE PREPARATION

Mildew - Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

PERFORMANCE

Extra White B65W00421/B65V00620
System Tested: (unless otherwise indicated) **Steel**
Substrate: **SSPC-SP10**
Surface Preparation: **@ 3.0 mils**
Finish: 1 coat Pro Industrial Pro-Cryl Primer @ 3.0 mils D.F.T.
1 coat Pro Industrial Waterbased Acrolon 100 @ 4.0 mils D.F.T.
Dry Time: 7 day ambient cure

Abrasion Resistance:
Method: ASTM D4060
Result: 23.3 mg loss

Adhesion:
Method: ASTM D4541
Result: 1310 p.s.i.

Corrosion Weathering: 1000 Hours
Method: ASTM D5894
Result: Rating 10, per ASTM D714 for Blistering
Rating 10, per ASTM D1654 for corrosion

Salt Fog Resistance: 1000 Hours
Method: ASTM B117
Result: Rating 10, per ASTM D714 for Blistering
Rating 10, per ASTM D1654 for corrosion

Moisture Condensation Resistance: 1000 Hours
Method: ASTM D4585
Result: Rating 8, per ASTM D714 for Blistering
Rating 10, per ASTM D1654 for corrosion

Direct Impact Resistance:
Method: ASTM D2794
Result: 160 inch per pound

Flexibility:
Method: ASTM D522, 1/8 inch mandrel
Result: Pass

Pencil Hardness:
Method: ASTM D3363
Result: 6 H

Dry Film Heat Resistance:
Method: ASTM D2485
Result: 250°F

Water Vapor Permeance (US):
Method: ASTM D1653
Result: 11.02 grains/(hr ft2 in Hg)

Chemical Resistance Rating:
Extra White B65W00421/B65V00620
(1-hour direct exposure to dry film, incidental contact)

5% Phosphoric Acid	Pass
10% Hydrochloric Acid	Pass
25% Sodium Hydroxide	Pass
50% Sulfuric Acid	Pass
Isopropyl Alcohol	Pass
Ammonia	Pass
Bleach Solution	Pass
Methanol	Pass
Mineral Spirits	Pass
Motor Oil	Pass
Vegetable Oil	Pass
Transmission Fluid	Pass
Salt Solution	Pass

SAFETY PRECAUTIONS

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

Refer to the Safety Data Sheets (SDS) before use.

FOR PROFESSIONAL USE ONLY.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

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.

Pro Industrial™ Acrolon™ 100**Waterbased Urethane Eg-Shel**

B65-420 Series (Part A), B65V00620 (Part B)

**SW 6258
Tricorn Black****SHERWIN
WILLIAMS.****CHARACTERISTICS**

Pro Industrial Waterbased Acrolon 100 is an advanced technology, less than 100 grams per liter V.O.C., Waterbased, acrylic urethane. It provides performance properties comparable to premium quality solvent-based urethanes. This is an abrasion resistant urethane that has excellent weathering properties.

- Can be applied directly to water based and solvent based organic zinc rich primers
- Suitable for use in Canadian Food Processing facilities (B65W421, B65T424, B65V620): Non-Food contact areas.
- Easy application & cleanup
- Ultradeep Tint Base (B65T00424) can be used as a clear coat.
- Suitable for use in USDA inspected facilities

Finish: 25-40 units @ 60°
Color: Most Colors

Recommended Spreading Rate per coat:

Wet mils: 4.0-8.0
Dry mils: 1.8-3.5
Coverage: 200-400 sq. ft. per gallon
Theoretical Coverage: 706 sq. ft. per gallon @ 1 mil dry
Approximate spreading rates are calculated on volume solids and do not include any application loss.

Note: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 5.0 mils wet, @ 50% RH:
Drying and recoat times are temperature, humidity, and film thickness dependent.

	@55°F	@77°F	@120°F
To touch:	3 hrs.	1.5 hrs.	45 min.
To handle:	12 hrs.	6 hrs.	2 hrs.
Minimum recoat:	16 hrs.	8 hrs.	2-4 hrs.
Maximum recoat*:	3 months	3 months	3 months
To Cure:	14 days	10 days	2 days
Pot Life:	3 hrs.	2.5 hrs.	1 hour
Sweat-In-Time:	not required		

Mix Ratio: 2 components, 6:1 by volume

*If maximum recoat time is exceeded, abrade surface before recoating.

Tinting Part A with CCE: Use the 100% tint strength formula pages. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

Extra White B65W00421/B65V00620

(may vary by color)

V.O.C. (less exempt solvents):**As mixed 6:1 unreduced**

78 grams per litre; 0.65 lbs. per gallon

As per 40 CFR 59.406

Volume Solids: 44 ±2%**Weight Solids:** 57 ±2%**Weight per Gallon:** 10.67 lbs**Flash Point:** >200°F PMCC**Vehicle Type:** Acrylic Urethane**Shelf Life:** 24 months, unopened**COMPLIANCE**

As of 2/21/2024, 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	
(CDPH v1.2-B65W421/B65V620)	No
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	No
MIR-Manufacturer Inventory	No
MPI®	No

APPLICATION

Temperature:
minimum 55°F / 13°C
maximum 120°F / 49°C

air, surface, and material
At least 5°F / -15°C above dew point

Relative humidity: 85% maximum

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: Water
In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with water.

Airless Spray:

Pressure 2000 p.s.i.

Hose ¼ inch I.D.

Tip .013-.015 inch

Filter 60 mesh

Reduction: As needed up to 15% by volume

Brush: Nylon-polyester

Roller Cover: 3/8 inch woven

Reduction: As needed up to 15% by volume with water, 5-15% minimum reduction required for brush and roll.

If specific application equipment is listed above, equivalent equipment may be substituted.

Apply paint at the recommended film thickness and spreading rate as indicated. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance. Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material loss during mixing, spillage, over thinning, climatic conditions, and excessive film build.

Mix separate components thoroughly with low speed agitation before use. Make certain no pigment remains on the bottom of the can. Then combine 6 parts by volume of Part A with 1 part by volume of Part B. Mix thoroughly with low speed agitation. Reduce 5% - 15% by volume with water for brush and roll application. Re-stir before using. If reducer is used, add only after both components have been thoroughly mixed together. Do not apply the material beyond recommended pot life. Do not mix previously catalyzed material with new.

Stripe coat crevices, welds, and sharp angles to prevent early failure in these areas. When using spray equipment, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. Apply coating evenly while maintaining a wet edge to prevent lapping. If necessary, cross spray at a right angle.

SPECIFICATIONS**Steel:**

1 coat Pro Industrial Pro-Cryl Primer
or
1 coat Pro Industrial Kem Bond HS
1-2 coats Pro Industrial Waterbased Acrolon 100

Steel:

1 Zinc Clad IV
1-2 coats Pro Industrial Waterbased Acrolon 100

Steel:

1 Zinc Clad IV
1 coat Macropoxy 646-100
1-2 coats Pro Industrial Waterbased Acrolon 100

Aluminum & Galvanizing:

1 coat Pro Industrial DTM Wash Primer
1-2 coats Pro Industrial Waterbased Acrolon 100

Concrete Block (CMU):

1 coat Pro Industrial Heavy Duty Block Filler
or Loxon Acrylic Block Surfer
2 coats Pro Industrial Waterbased Acrolon 100

Concrete (high performance):

1 coat Kem-Cati-Coat HS Epoxy Filler-Sealer
or Cement-Plex 875 WB Block Filler
1-2 coats Pro Industrial Waterbased Acrolon 100

Concrete and Masonry Smooth:

1 coat Loxon Concrete and Masonry Primer
1-2 coats Pro Industrial Waterbased Acrolon 100

Drywall:

1 coat ProMar 200 Zero V.O.C. Primer
2 coats Pro Industrial Waterbased Acrolon 100

Pre-Finished Siding: (Baked-on finishes)

1 coat Pro Industrial Bond-Plex Waterbased Acrylic
1-2 coats Pro Industrial Waterbased Acrolon 100

The systems listed above are representative of the product's use, other systems may be appropriate.

Pro Industrial™ Acrolon™ 100

Waterbased Urethane Eg-Shel

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.

When cleaning the surface per SSPC-SP1, use only an emulsifying industrial detergent, followed by a clean water rinse. Do not use hydrocarbon solvents for cleaning.

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Iron & Steel – Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. Minimum surface preparation is Commercial Blast Cleaning per SSPC-SP6/NACE 3. For better performance, use Near White Blast Cleaning per SSPC-SP10/NACE 2. Blast clean all surfaces using a sharp, angular abrasive for optimum profile (2 mils / 50 microns). Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

Aluminum - Remove all oil, grease, dirt, oxide, and other foreign material per SSPC-SP1. Primer required.

Galvanizing - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2. Primer required.

Concrete Block - Surface should be thoroughly clean and dry. Air, material, and surface temperatures must be at least 50°F (10°C) before filling. Use Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Surfacer. The filler must be thoroughly dry before topcoating.

Concrete and Masonry – For surface preparation, refer to SSPC-SP13/NACE 6. Or ICRI No. 310.2R, CSP 1-3. Surfaces should be thoroughly cleaned and dry. Concrete and mortar must be cured at least 28 days @ 75°F (24°C). Surface temperature must be at least 55°F (13°C) before filling. Surface must be free of laitance, concrete dust, dirt and form release agents, moisture curing membranes, loose cement, and hardeners. Fill big holes, air pockets and other voids. Primer required.

Pre-Finished Siding: (Fluorocarbon, Silicone Polyester, and Polyester Polymers) – Remove oil, grease, dirt, oxides, and other contaminants from the surface by cleaning per SSPC-SP1 or water blasting per NACE Standard RP-01-72 (caution: excessive blasting pressure may cause warping, use caution). Always check for compatibility of the previously painted surface with the new coating by applying a test patch of 2-3 square feet. Allow to dry thoroughly for 1 week before checking adhesion. Use recommended primer.

SURFACE PREPARATION

Mildew - Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

PERFORMANCE

Extra White B65W00421/B65V00620
System Tested: (unless otherwise indicated) **Steel**
Substrate: **SSPC-SP10**
Surface Preparation: **SSPC-SP10**
Finish: 1 coat Pro Industrial Pro-Cryl Primer @ 3.0 mils D.F.T.
 1 coat Pro Industrial Waterbased Acrolon 100 @ 4.0 mils D.F.T.
Dry Time: 7 day ambient cure

Abrasion Resistance:
 Method: ASTM D4060
 Result: 23.3 mg loss

Adhesion:
 Method: ASTM D4541
 Result: 1310 p.s.i.

Corrosion Weathering: 1000 Hours
 Method: ASTM D5894
 Result: Rating 10, per ASTM D714 for Blistering
 Rating 10, per ASTM D1654 for corrosion

Salt Fog Resistance: 1000 Hours
 Method: ASTM B117
 Result: Rating 10, per ASTM D714 for Blistering
 Rating 10, per ASTM D1654 for corrosion

Moisture Condensation Resistance: 1000 Hours
 Method: ASTM D4585
 Result: Rating 8, per ASTM D714 for Blistering
 Rating 10, per ASTM D1654 for corrosion

Direct Impact Resistance:
 Method: ASTM D2794
 Result: 160 inch per pound

Flexibility:
 Method: ASTM D522, 1/8 inch mandrel
 Result: Pass

Pencil Hardness:
 Method: ASTM D3363
 Result: 6 H

Dry Film Heat Resistance:
 Method: ASTM D2485
 Result: 250°F

Water Vapor Permeance (US):
 Method: ASTM D1653
 Result: 11.02 grains/(hr ft2 in Hg)

Chemical Resistance Rating:
 Extra White B65W00421/B65V00620
 (1-hour direct exposure to dry film, incidental contact)

5% Phosphoric Acid	Pass
10% Hydrochloric Acid	Pass
25% Sodium Hydroxide	Pass
50% Sulfuric Acid	Pass
Isopropyl Alcohol	Pass
Ammonia	Pass
Bleach Solution	Pass
Methanol	Pass
Mineral Spirits	Pass
Motor Oil	Pass
Vegetable Oil	Pass
Transmission Fluid	Pass
Salt Solution	Pass

SAFETY PRECAUTIONS

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

Refer to the Safety Data Sheets (SDS) before use.

FOR PROFESSIONAL USE ONLY.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

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.



Revive Hybrid Double Hung Pocket Replacement Window

Features and Benefits

- **Exceptionally easy to maintain** – Engineered, high-endurance cellular PVC sash will not decay, warp, crack, split or swell
- **Excellent thermal performance** – Cellular PVC sashes help keep the cold and heat outside – and help keep you comfortable inside
- **Sleek appearance and clean lines** – Recessed lock, keeper and tilt latch won't get in the way of your view
- **Low-maintenance exteriors** – Heavy-duty aluminum cladding protects the pocket frame
- **Easy cleaning** – EZ Tilt sash makes washing the outside glass more convenient
- **Easy sash operation** – Fixed-back, one-piece PVC jambliner, combined with a full-sized block and tackle balance system, allows sash to smoothly glide open and closed
- **Exceptional structural stability** – Head frame corners are keyed, screwed and silicone-injected
- Full- or half-screen options

Sizes

Available in custom sizes

Glazing

- 3/4" inch double pane insulated glass comes standard with energy efficient Cardinal® LoE 366 coating; tinted, tempered, obscure and laminated glazing options available
- Custom and special glass types available

Grilles

Windsor Divided Lite (WDL) = simulated divided lite

- 3/4" and 1" Profiled Inner Grille
- 13/16" Flat Inner Grille
- 7/8" and 1-1/4" Ogee WDL
- 5/8" and 7/8" Short Putty WDL
- 2" Simulated Check Rail (DH picture only)
- Standard and custom grille patterns available

Interior Trim and Accessories

- 11 trim profiles
- Stool and apron
- 7 interior stops
- Base shoe and cove
- Rosettes

Finishes

- Interior – Available in Clear Select Pine, primed or painted white (standard)
- Exterior – Heavy-duty extruded aluminum cladding on frame and cellular PVC sashes

Clad Colors

All clad colors painted in-house with the highly durable AAMA 2604 standard finish, or upgrade to AAMA 2605 for the most challenging of environments

- 24 Standard Clad Colors available in 2604 and 2605 finish
- 20 Feature Clad Colors available in 2604 and 2605 finish (Custom color matching is also available)
- 7 Matte Clad Colors available in the 2604 finish only

Hardware

Double hung lock available in champagne, white, bronze, faux bronze and satin nickel

Performance Ratings

For current performance ratings, visit our website at windsorwindows.com and click on "Professional Information" in the menu bar



Type	Sill Angle	Revive Replacement Unit (Frame Size)				Existing Frame (Opening Size)			
		Min Width	Max Width	Min Height	Max Height	Min Width	Max Width	Min Height	Max Height
Hybrid DH Operating	0-7 Degree	17-3/8"	41-3/8"	31-15/16"	79-7/8"	17-7/8"	41-7/8"	32-5/16"	80-1/4"
	>7 Degree			*31-5/16"	*79-5/16"			31-11/16"	79-11/16"
Hybrid DH Picture	0-7 Degree	16-3/4"	61-3/8"	20-3/16"	75-13/16"	17-1/4"	73-7/8"	20-5/8"	75-9/16"
	>7 Degree			*19-5/8"	*75-3/16"			20-0"	76-3/16"

*For units with a sill angle >7 degrees, add 5/8" to inside frame height to calculate the outside or overall frame dimension height.



clothing

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