

HISTORIC AND DESIGN REVIEW COMMISSION

November 16, 2022

HDRC CASE NO: 2022-546
ADDRESS: 418 E MULBERRY AVE
LEGAL DESCRIPTION: NCB 3089 BLK 5 LOT 5 & E 25 FT OF 4
ZONING: R-4, H
CITY COUNCIL DIST.: 1
DISTRICT: Monte Vista Historic District
APPLICANT: Ambia Aguirre/Sprinkle & Co. Architects
OWNER: Martin McReynolds/MCREYNOLDS MARTIN D & DOMINIQUE R
TYPE OF WORK: fenestration modification, new door, and patio construction
APPLICATION RECEIVED: October 27, 2022
60-DAY REVIEW: Not applicable due to City Council Emergency Orders
CASE MANAGER: Claudia Espinosa

REQUEST:

The applicant is requesting a Certificate of Appropriateness for approval to:

1. Modify the south elevation's fenestration by removing the existing, one-over-one wood window and replace it with two large picture windows on either side of the rear door.
2. Modify the existing rear wood door with a three-panel folding wood door system.
3. Add a new 270 square foot concrete patio to the rear of the house
4. Modify the east elevation by removing an existing wood window, add a door, awning, and 21 square foot concrete stoop.

APPLICABLE CITATIONS:

Historic Design Guidelines, Chapter 2, Exterior Maintenance and Alterations

1. Materials: Woodwork

A. MAINTENANCE (PRESERVATION)

- i. *Inspections*—Conduct semi-annual inspections of all exterior wood elements to verify condition and determine maintenance needs.
- ii. *Cleaning*—Clean exterior surfaces annually with mild household cleaners and water. Avoid using high pressure power washing and any abrasive cleaning or stripping methods that can damage the historic wood siding and detailing.
- iii. *Paint preparation*—Remove peeling, flaking, or failing paint surfaces from historic woodwork using the gentlest means possible to protect the integrity of the historic wood surface. Acceptable methods for paint removal include scraping and sanding, thermal removal, and when necessary, mild chemical strippers. Sand blasting and water blasting should never be used to remove paint from any surface. Sand only to the next sound level of paint, not all the way to the wood, and address any moisture and deterioration issues before repainting.
- iv. *Repainting*—Paint once the surface is clean and dry using a paint type that will adhere to the surface properly. See *General Paint Type Recommendations* in Preservation Brief #10 listed under Additional Resources for more information.
- v. *Repair*—Repair deteriorated areas or refasten loose elements with an exterior wood filler, epoxy, or glue.

B. ALTERATIONS (REHABILITATION, RESTORATION, AND RECONSTRUCTION)

- i. *Façade materials*—Avoid removing materials that are in good condition or that can be repaired in place. Consider exposing original wood siding if it is currently covered with vinyl or aluminum siding, stucco, or other materials that have not achieved historic significance.
- ii. *Materials*—Use in-kind materials when possible or materials similar in size, scale, and character when exterior woodwork is beyond repair. Ensure replacement siding is installed to match the original pattern, including exposures. Do not introduce modern materials that can accelerate and hide deterioration of historic materials. Hardiboard and other cementitious materials are not recommended.
- iii. *Replacement elements*—Replace wood elements in-kind as a replacement for existing wood siding, matching in profile, dimensions, material, and finish, when beyond repair.

6. Architectural Features: Doors, Windows, and Screens

A. MAINTENANCE (PRESERVATION)

- i. *Openings*—Preserve existing window and door openings. Avoid enlarging or diminishing to fit stock sizes or air conditioning units. Avoid filling in historic door or window openings. Avoid creating new primary entrances or window openings on the primary façade or where visible from the public right-of-way.
- ii. *Doors*—Preserve historic doors including hardware, fanlights, sidelights, pilasters, and entablatures.
- iii. *Windows*—Preserve historic windows. When glass is broken, the color and clarity of replacement glass should match the original historic glass.
- iv. *Screens and shutters*—Preserve historic window screens and shutters.
- v. *Storm windows*—Install full-view storm windows on the interior of windows for improved energy efficiency. Storm window may be installed on the exterior so long as the visual impact is minimal and original architectural details are not obscured.

B. ALTERATIONS (REHABILITATION, RESTORATION, AND RECONSTRUCTION)

- i. *Doors*—Replace doors, hardware, fanlight, sidelights, pilasters, and entablatures in-kind when possible and when deteriorated beyond repair. When in-kind replacement is not feasible, ensure features match the size, material, and profile of the historic element.
- ii. *New entrances*—Ensure that new entrances, when necessary to comply with other regulations, are compatible in size, scale, shape, proportion, material, and massing with historic entrances.
- iii. *Glazed area*—Avoid installing interior floors or suspended ceilings that block the glazed area of historic windows.
- iv. *Window design*—Install new windows to match the historic or existing windows in terms of size, type, configuration, material, form, appearance, and detail when original windows are deteriorated beyond repair.
- v. *Muntins*—Use the exterior muntin pattern, profile, and size appropriate for the historic building when replacement windows are necessary. Do not use internal muntins sandwiched between layers of glass.
- vi. *Replacement glass*—Use clear glass when replacement glass is necessary. Do not use tinted glass, reflective glass, opaque glass, and other non-traditional glass types unless it was used historically. When established by the architectural style of the building, patterned, leaded, or colored glass can be used.
- vii. *Non-historic windows*—Replace non-historic incompatible windows with windows that are typical of the architectural style of the building.
- viii. *Security bars*—Install security bars only on the interior of windows and doors.
- ix. *Screens*—Utilize wood screen window frames matching in profile, size, and design of those historically found when the existing screens are deteriorated beyond repair. Ensure that the tint of replacement screens closely matches the original screens or those used historically.
- x. *Shutters*—Incorporate shutters only where they existed historically and where appropriate to the architectural style of the house. Shutters should match the height and width of the opening and be mounted to be operational or appear to be operational. Do not mount shutters directly onto any historic wall material.

7. Architectural Features: Porches, Balconies, and Porte-Cocheres

A. MAINTENANCE (PRESERVATION)

- i. *Existing porches, balconies, and porte-cocheres*—Preserve porches, balconies, and porte-cocheres. Do not add new porches, balconies, or porte-cocheres where not historically present.
- ii. *Balusters*—Preserve existing balusters. When replacement is necessary, replace in-kind when possible or with balusters that match the originals in terms of materials, spacing, profile, dimension, finish, and height of the railing.
- iii. *Floors*—Preserve original wood or concrete porch floors. Do not cover original porch floors of wood or concrete with carpet, tile, or other materials unless they were used historically.

B. ALTERATIONS (REHABILITATION, RESTORATION, AND RECONSTRUCTION)

- i. *Front porches*—Refrain from enclosing front porches. Approved screen panels should be simple in design as to not change the character of the structure or the historic fabric.
- ii. *Side and rear porches*—Refrain from enclosing side and rear porches, particularly when connected to the main porch or balcony. Original architectural details should not be obscured by any screening or enclosure materials. Alterations to side and rear porches should result in a space that functions, and is visually interpreted as, a porch.
- iii. *Replacement*—Replace in-kind porches, balconies, porte-cocheres, and related elements, such as ceilings, floors, and columns, when such features are deteriorated beyond repair. When in-kind replacement is not feasible, the design

should be compatible in scale, massing, and detail while materials should match in color, texture, dimensions, and finish.

iv. *Adding elements*—Design replacement elements, such as stairs, to be simple so as to not distract from the historic character of the building. Do not add new elements and details that create a false historic appearance.

v. *Reconstruction*—Reconstruct porches, balconies, and porte-cocheres based on accurate evidence of the original, such as photographs. If no such evidence exists, the design should be based on the architectural style of the building and historic patterns.

11. Canopies and Awnings

A. MAINTENANCE (PRESERVATION)

i. *Existing canopies and awnings*—Preserve existing historic awnings and canopies through regular cleaning and periodic inspections of the support system to ensure they are secure.

B. ALTERATIONS (REHABILITATION, RESTORATION, AND RECONSTRUCTION)

i. *Replacement canopies and awnings*—Replace canopies and awnings in-kind whenever possible.

ii. *New canopies and awnings*—Add canopies and awnings based on accurate evidence of the original, such as photographs. If no such evidence exists, the design of new canopies and awnings should be based on the architectural style of the building and be proportionate in shape and size to the scale of the building façade to which they will be attached. See UDC Section 35-609(j).

iii. *Lighting*—Do not internally illuminate awnings; however, lighting may be concealed in an awning to provide illumination to sidewalks or storefronts.

iv. *Awning materials*—Use fire-resistant canvas awnings that are striped or solid in a color that is appropriate to the period of the building.

v. *Building features*—Avoid obscuring building features such as arched transom windows with new canopies or awnings.

vi. *Support structure*—Support awnings with metal or wood frames, matching the historic support system whenever possible. Minimize damage to historic materials when anchoring the support system. For example, anchors should be inserted into mortar rather than brick. Ensure that the support structure is integrated into the structure of the building as to avoid stress on the structural stability of the façade.

FINDINGS:

- a. The primary structure located at 418 E Mulberry Ave is a 1-story single-family home constructed in 1920 in the Craftsman style. The home features a partially-covered front porch with square tri-columns, a single gable on the front façade with decorative brackets and exposed rafter tails and a prominent side brick chimney. The structure is contributing to the Monte Vista Historic District.
- b. SCOPE OF WORK- The applicant is requesting to modify the fenestration pattern on the rear façade by installing two **clad** wood picture windows and a folding door system. The applicant is also requesting to add a concrete patio.
- c. FENESTRATION MODIFICATION (SOUTH ELEVATION) – The applicant is proposing to modify the south elevation’s fenestration by removing the existing, one-over-one wood window and wood door and replace them with two wood picture windows and one three-panel wood door. The Guidelines for Exterior Maintenance and Alterations 1.A.i. notes that existing openings should be preserved and that new openings should be avoided where visible from the public right of way. Additionally, the Guidelines for Exterior Maintenance and Alterations 1.B. notes that when new window and door openings are created, they should be compatible with those found historically on the site in regard to size, scale, shape, proportion, material and massing. Given the location at the rear of the property, staff finds that modifications to the rear façade may be appropriate provided they are made in accordance with the Guidelines regarding materials and window and door profiles.
- d. REAR PATIO INSTALLATION – The applicant is requesting to install a 270 concrete pad at the rear of the house. The Historic Design Guidelines for Site Elements 3.B.ii states that new hardscaping should be limited to areas that are not highly visible. Staff finds that the placement and footprint of the poured patio are appropriate.
- e. **FENESTRATION MODIFICATION (EAST ELEVATION)**- The applicant has proposed to install a new wood awning. The Guidelines for Exterior Maintenance and Alterations 11.B.ii. New canopies and awnings states adding canopies and awnings based on accurate evidence of the original, such as photographs. If no such evidence exists, the design of new canopies and awnings should be based on the architectural style of the building and be proportionate in shape and size to the scale of the building façade to which they will be attached. Staff finds this request to be consistent with the guidelines. The applicant is requesting to remove one window opening and replacing it with a Pella door with casing. The Guidelines for Exterior Maintenance and

Alterations 6.B.ii. for new entrances notes to ensure that new entrances, when necessary to comply with other regulations, are compatible in size, scale, shape, proportion, material, and massing with historic entrances. Staff finds this request to be consistent with the guidelines. The applicant is requesting to install a 21-square-foot concrete stoop on the eastern façade. This request is eligible for Administrative Approval.

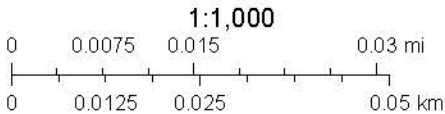
RECOMMENDATION:

1. Staff does not recommend approval of item #1, the removal of the existing wood window and the window opening modification based on finding c. Staff recommends that the window be retained on the rear façade.
2. Staff recommends approval of item #2, with the stipulations that the applicant revise the proposal to incorporate new fenestrations that feature traditional dimensions (such as French doors) or introduce additional window openings that match the original historic windows in size and appearance.
3. Staff recommends approval of item #3, based on finding d.
4. Staff recommends approval of item #4, based on finding e.

City of San Antonio One Stop



November 8, 2022

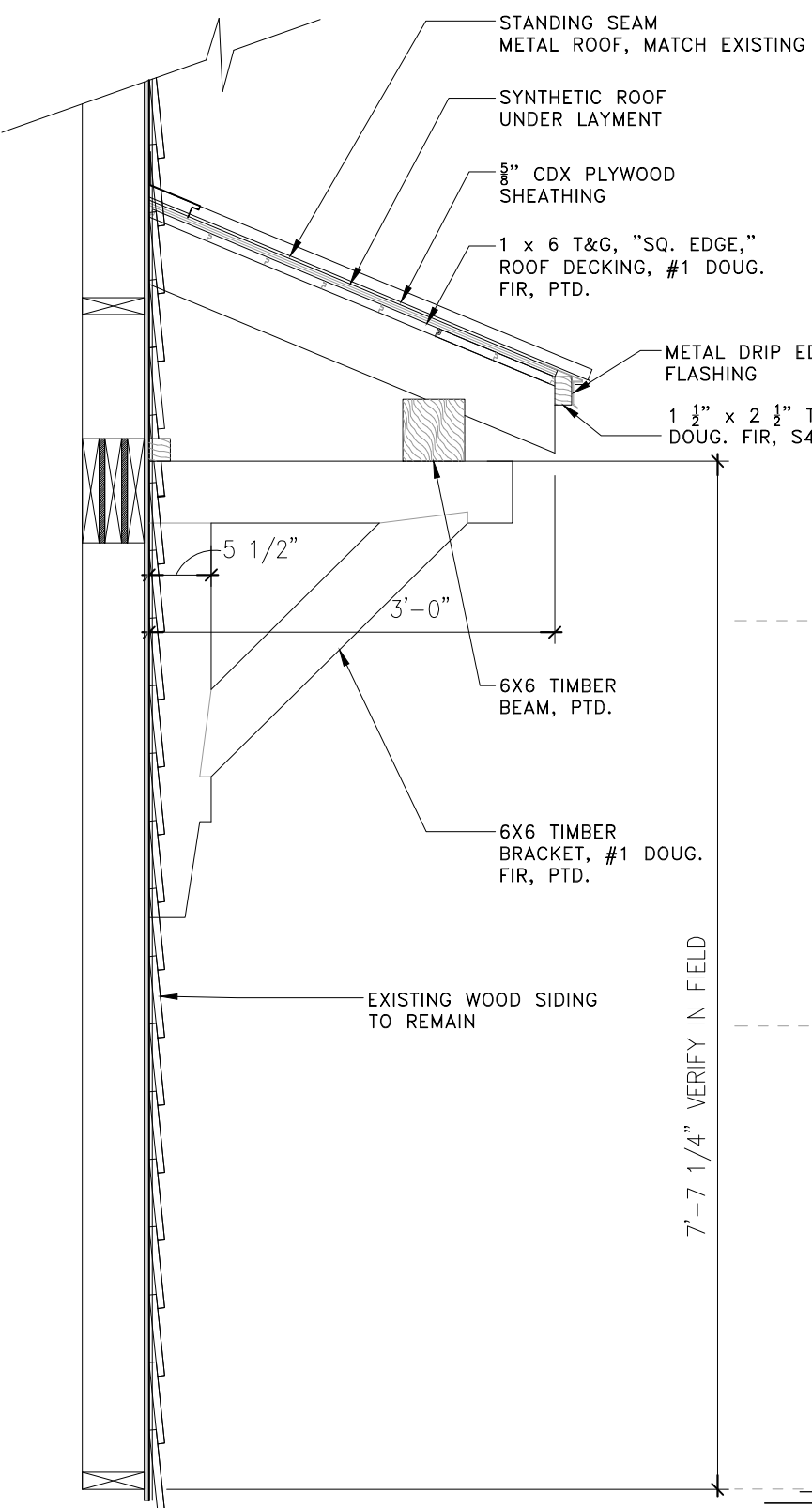












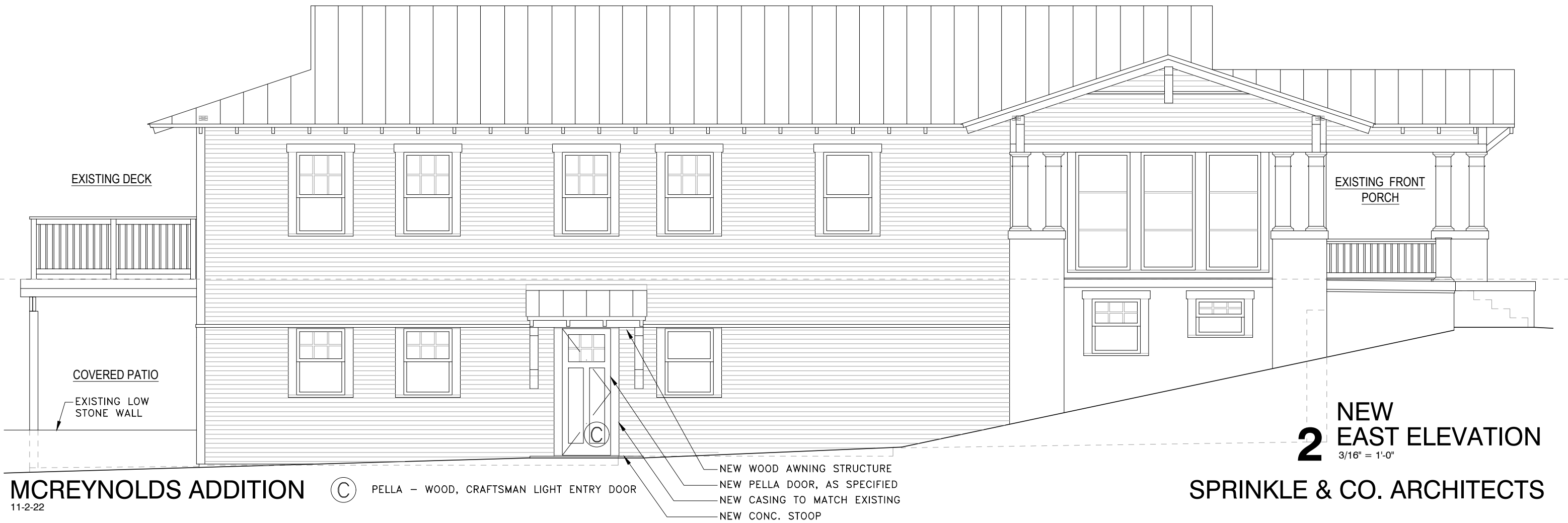
2 TYP. WALL SECTION
& AWNING DETAIL
3/4" = 1'-0"

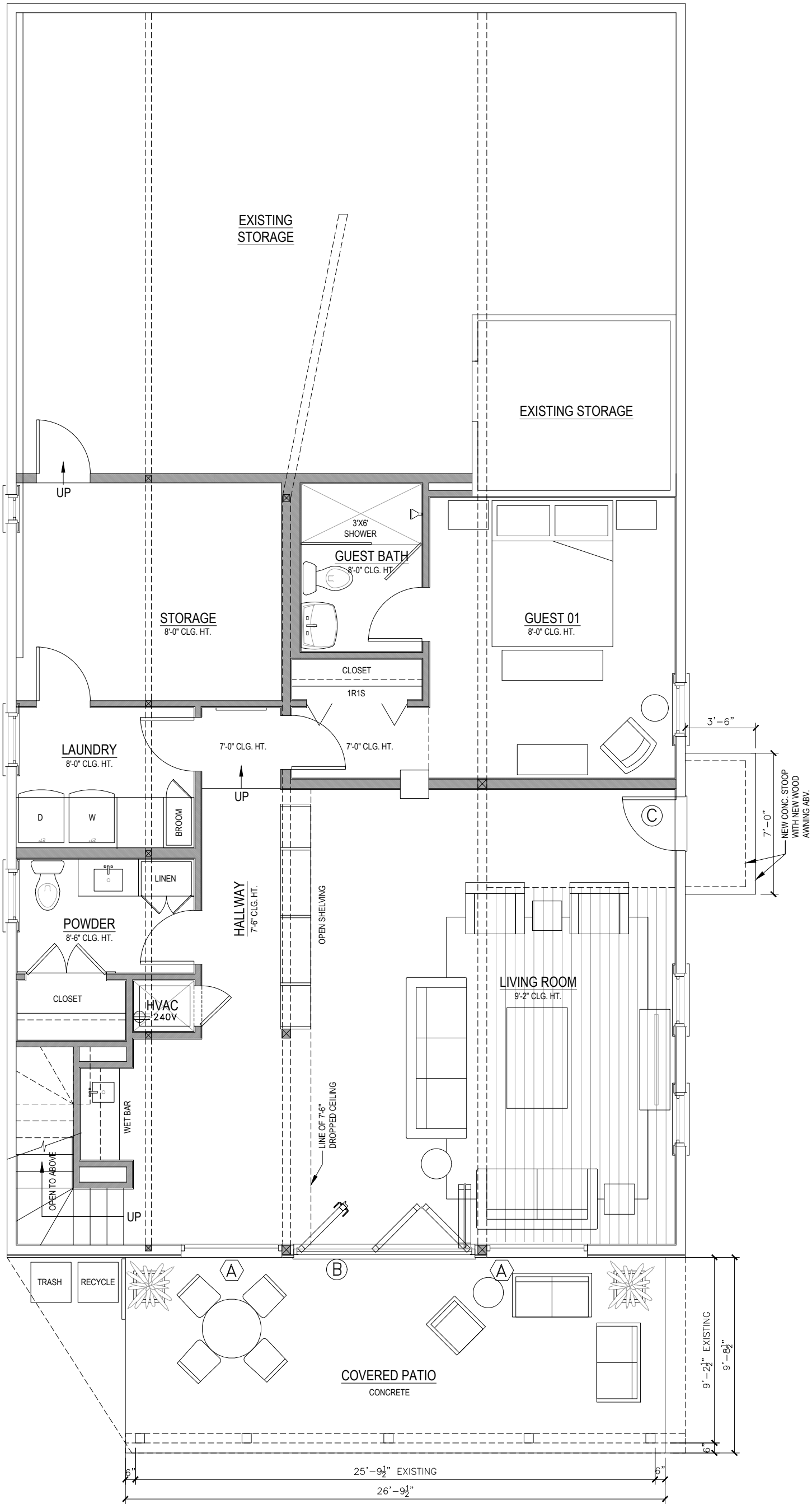
MCREYNOLDS ADDITION
11-2-22

- A PELLA - LIFESTYLE SERIES WOOD PICTURE WINDOW
- B LA CANTINA - 3 PANEL WOOD FOLDING DOOR

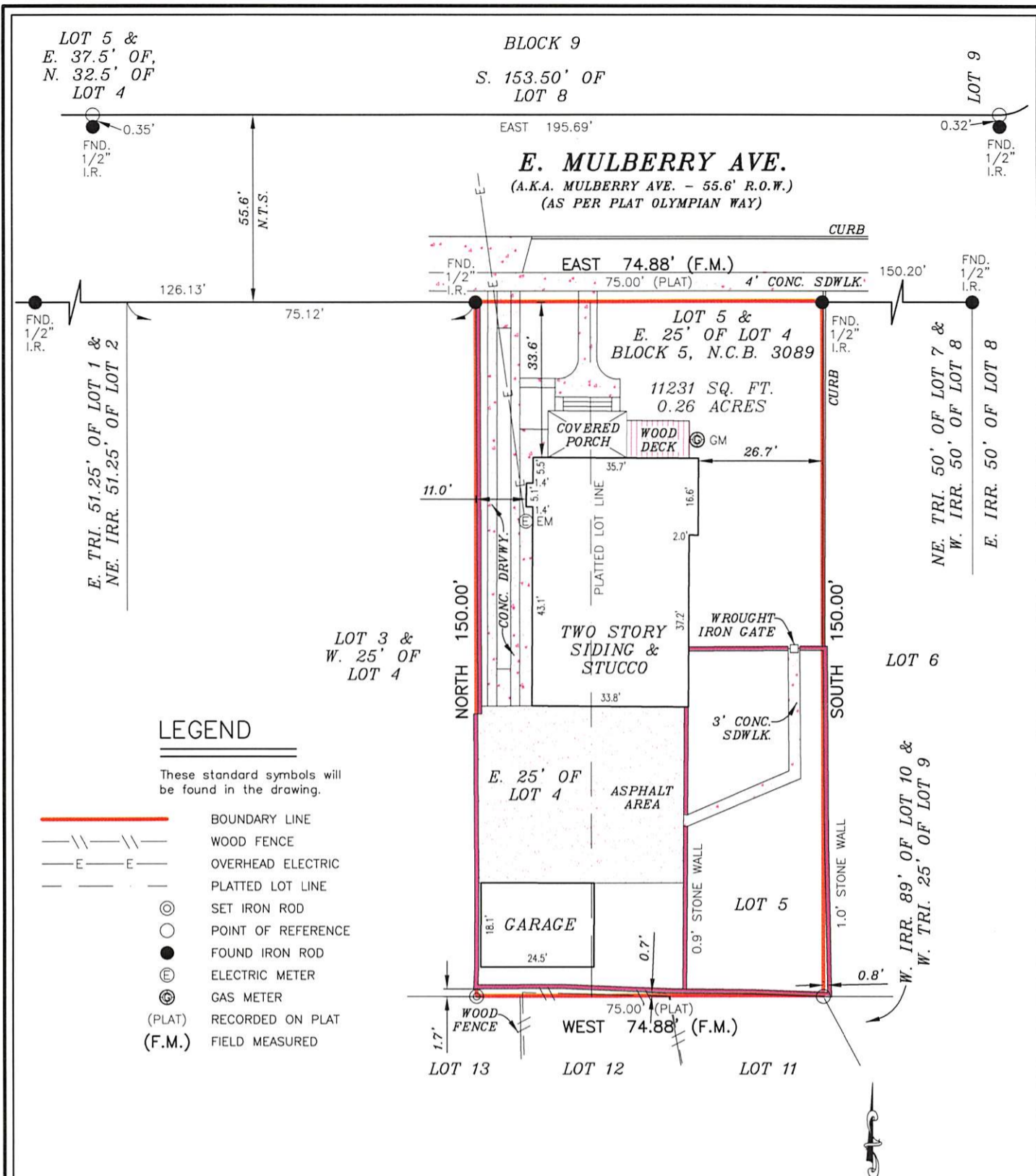
1 SOUTH ELEVATION
1/4" = 1'-0"

SPRINKLE & CO. ARCHITECTS





1 BASEMENT PLAN
3/16" = 1'-0"



LEGEND

These standard symbols will be found in the drawing.

- BOUNDARY LINE
- WOOD FENCE
- OVERHEAD ELECTRIC
- PLATTED LOT LINE
- SET IRON ROD
- POINT OF REFERENCE
- FOUND IRON ROD
- ELECTRIC METER
- GAS METER
- (PLAT) RECORDED ON PLAT
- (F.M.) FIELD MEASURED

SURVEYOR'S NOTE:
BASIS OF BEARING, VOLUME 8100, PAGE 1761
DEED RECORDS OF BEXAR COUNTY, TEXAS.

FLOOD INSURANCE NOTE: By graphics plotting only, this property is in ZONE X of the Flood Insurance Rate Map, Community Panel No. 48029C 0405 G effective date of SEPTEMBER 29, 2010. Exact designations can only be determined by a Elevation Certificate. Based on the above information, this property IS NOT in a Special Flood Hazard Area.

The survey is hereby accepted with the discrepancies, conflicts, or shortages in area or boundary lines, encroachments, protrusions, or overlapping of improvements shown.

Martin McReynolds
Dominique McReynolds

GRAPHIC SCALE



I, ROY JOHN RONNFELDT, a Registered Professional Land Surveyor in the State of Texas, do hereby certify to TRINITY TITLE OF TEXAS, LLC

and that the above map is true and correct according to an actual field survey, made by me on the ground or under my supervision, of the property shown hereon or described by field notes accompanying this drawing. I further certify that all easements and rights-of-way of which I have been advised are shown hereon and that, except as shown, there are no visible encroachments, no visible overlapping of improvements and no apparent discrepancies or conflicts in the boundary lines, and no visible physical evidence of easements or rights-of-way as of the date of the field survey. I further certify that this survey meets or exceeds the minimum standards established by the Texas Board of Professional Land Surveying (Section 663.18).

Borrower/Owner: MARTIN McREYNOLDS AND DOMINIQUE McREYNOLDS
Address: 418 E. MULBERRY AVE. GF No. 12670NC

Legal Description of the Land:
Lot 5 and the East one-half (E1/2) of Lot 4, Block 5, New City Block 3089, LAUREL HEIGHTS TERRACE ADDITION, City of San Antonio, Bexar County, Texas, according to plat recorded in Volume 105, Page 170, Deed and Plat Records, Bexar County, Texas.

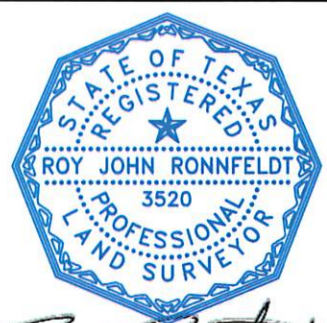
SUBJECT TO RESTRICTIVE COVENANTS AND/OR EASEMENTS RECORDED IN: VOLUME 637, PAGE 405, REAL PROPERTY, BEXAR COUNTY, TEXAS

PROPERTY PHOTOGRAPH:



FINAL "AS-BUILT" SURVEY

JOB NO.:	1302013580	NO.	REVISION	DATE
DATE:	02/11/13			
DRAWN BY:	MN/SM			
APPROVED BY:	RJR			



Roy John Ronnfeldt
ROY JOHN RONNFELDT, R.P.L.S.
Registered Professional Land Surveyor
Registration No. 3520



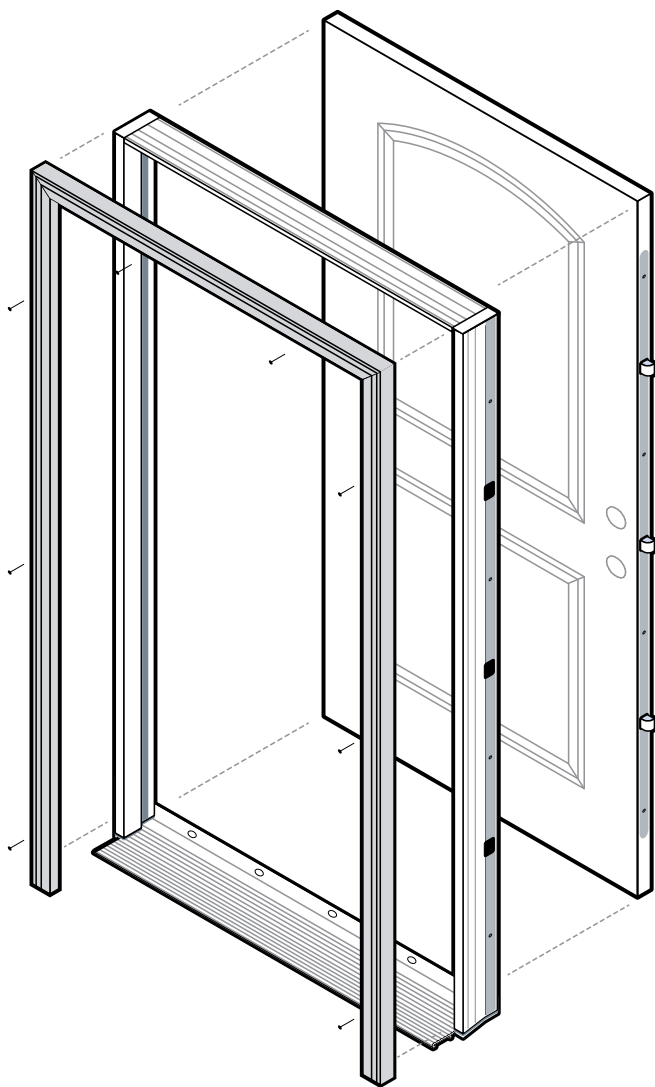


Pella® Entry Doors



#1 preferred entry door brand by homeowners.*

A curated collection of fiberglass, steel and wood entry doors delivering dependable performance and inspired designs.



Rendering shown with all available options.

- **Whole home solution**

Trust Pella to be your whole project solution with our complete offering of windows, patio doors and entry doors. Support is available where and when you need it with trusted national, regional and local partners in sales and installation.

- **Innovative security sensors**

Our integrated security sensors are factory-installed and integrated directly into the entry door system. Preserving the beauty and warranty of a Pella entry door while increasing peace of mind, they can be used with the free Pella Insynctive® app and integrate with many home security systems.

- **Premium hardware**

Pella has partnered with Baldwin®, the #1 premium hardware brand to create three stunning collections to complement your project's style, architecture and coordinating window hardware.

- **Variety of panel materials**

Available in fiberglass, steel and wood, our collection of entry doors can meet the needs of your design vision, while providing exceptional performance and energy efficiency.

- **Rot-resistant frame system**

Pella's complete panel and frame system for fiberglass and steel entry doors is made of a rigid closed cell poly-fiber material and is engineered to be exceptionally energy efficient. It does not absorb moisture and is rot resistant, reducing potential callbacks.

- **Energy-efficient panels**

Our fiberglass and steel entry doors feature solid polyurethane foam-filled panels to increase energy efficiency and ensure years of exceptional performance.

- **Desired, on-trend colors**

Select from a curated color collection, created in collaboration with the team at Sherwin-Williams DesignHouse for Performance Coatings. They are designed to complement Pella windows and patio doors and coordinate with other exterior finishes, including siding, roofing, stone and shingles.

- **Most popular styles**

With the most popular panel styles, we've made the selection process for your next project faster and easier. With a panel offering that fits every home style, you can help fulfill your customer's desired aesthetic.

- **Available impact options**

Offering panel and glass options for impact-certification, Pella's fiberglass and steel panels and frame system allow for code compliance. See performance details for more information.



Pella® entry doors are backed by some of the strongest warranties in the business.²

Pella entry door fiberglass systems with composite exterior frames are backed by the Pella Limited Lifetime Warranty. The Pella 20/10 Limited Warranty is the standard warranty for all steel and wood entry doors from Pella.

* Study of homeowner perceptions of leading national brands. Study commissioned by Pella, 2019.

Product Specifications

Entry Door Styles	Min. Width	Min. Height	Max. Width¹	Max. Height	Performance Values¹	
					U-Factor	SHGC
Flush Glazed Full Light²	30"	80"	36"	96"	0.25	0.16
Full Light²	30"	80"	36"	96"	0.25	0.16
3/4 Light²	32"	80"	36"	96"	0.25	0.21
3/4 Deluxe Oval Light²	32"	80"	36"	80"	0.24	0.15
1/2 Light 1 Panel Plank	32"	80"	36"	96"	0.23	0.16
Craftsman Light²	32"	80"	36"	96"	0.19	0.09
Twin Colonial Light	32"	80"	36"	80"	0.19	0.09
2 Panel Square	32"	80"	36"	96"	0.15	0.01
2 Panel Arch Plank	32"	80"	36"	96"	0.15	0.01
Craftsman²	32"	80"	36"	96"	0.15	0.01
6 Panel²	30"	80"	36"	96"	0.15	0.01
Flush	30"	80"	36"	96"	0.15	0.01

Panel Styles

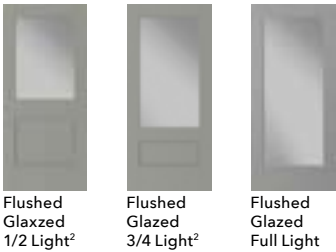
Solid



Glazed



Flush Glazed



Exterior Colors

Exterior Colors Find the color that coordinates best with your project, from modern to traditional styles, across the country. Our curated collection of on-trend colors was created in collaboration with the team at Sherwin-Williams DesignHouse for Performance Coatings.

Prefinished Stains



Painted Fiberglass or Steel



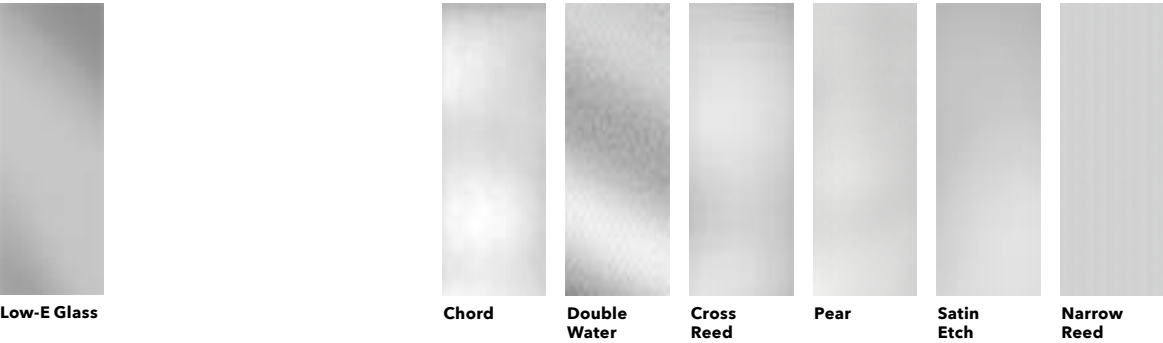
Glass

Glass

Low-E insulating glass is available on a broad range of glazed entry doors. It provides thermal protection for exceptional energy efficiency, insulating from both heat and cold – making it a great choice for all climates. Decorative and impact-resistant glass options are available.

Low-E Glass
Energy-saving Low-E insulating glass is a simple, elegant option that helps protect flooring and furniture from fade damage.

Low-E Obscure Glass
An elegant way to add privacy. Pella's obscure glass patterns provide unique design simplicity.



Added Peace of Mind

Integrated Security Sensors

Integrated wireless security sensors maintain aesthetics, streamline security installation and ensure no warranty loss is caused by post-installation drilling. Sensors can be monitored via the free Pella Insynctive® mobile app and are compatible with major security panel systems.* For more information, go to connectpella.com.

¹ Values shown are for a single door. See your Pella representative for more information.
² Availability may be limited. Please contact your local Pella representative for more information.
³ See written limited warranties for complete details, including exceptions and limitations, at pella.com/warranty or contact Pella Customer Service at 877-473-5527.

* Requires the Pella Insynctive App on a smart device, an Insynctive Bridge and a wireless home internet router with internet connection.

Entry Door Hardware

Entry Door Hardware

Pella offers four stunning collections to complement your project's style, architecture and coordinating window hardware. Classic, modern and rustic collections created in partnership with Baldwin® the #1 premium hardware brand.

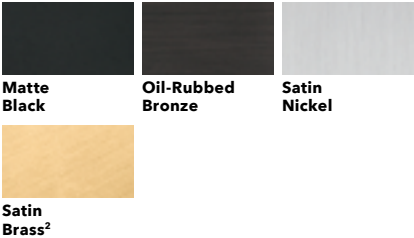
Classic Hardware Collection

BALDWIN®

Choose timeless pieces from the Classic Collection for a look that will never go out of style.



Finishes:



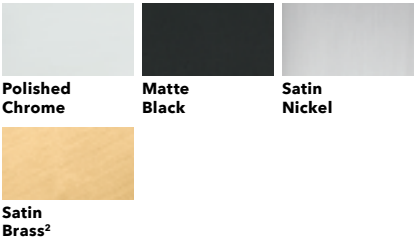
Modern Hardware Collection

BALDWIN®

Achieve the ultimate contemporary look with the sleek finishes of Modern hardware.



Finishes:



Rustic Hardware Collection

BALDWIN®

Stand out with bold looks from the Rustic Collection, and create an utterly unique aesthetic.



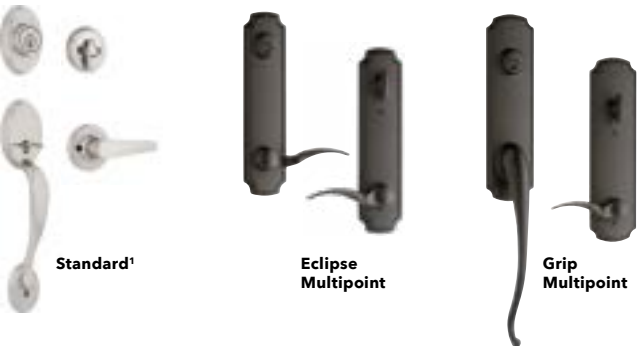
Finishes:



Essential Hardware Collection

BALDWIN®

Elevate your style and transform your home with an elegant selection of Essential hardware.



Finishes:



¹ Availability by product style and line may vary. See your local Pella sales representative for details.
² Available early 2022



OPEN SPACES









LIVE MORE IN THE WORLD AROUND YOU

ABOUT
LaCANTINA DOORS

LaCANTINA IS A PIONEER IN DESIGNING AND MANUFACTURING LARGE OPENING DOOR SYSTEMS. DEDICATED TO CREATING PRODUCTS THAT OPEN SPACES, OUR FOCUS IN DEVELOPING AND REFINING THESE PRODUCTS HAS RESULTED IN THE MOST INNOVATIVE AND COMPREHENSIVE RANGE OF DOORS AND WINDOWS AVAILABLE.

USING THE SAME SIGNATURE PROFILES, OUR **FOLDING, SLIDING** AND **SWING** SYSTEMS PROVIDE A **PERFECT MATCH** FOR A **COMPLETE DOOR PACKAGE**. ARCHITECTS, HOMEOWNERS AND BUILDERS ARE FREE TO INNOVATE THEIR SPACE WITH THE SAME QUALITY, PERFORMANCE AND VALUE.

DESIGNED AND **MADE IN CALIFORNIA**, **LaCANTINA DOORS** HAVE CONTRIBUTED TO AWARD-WINNING PROJECTS RANGING FROM RESIDENTIAL, RETAIL, COMMERCIAL, EDUCATION FACILITIES, RESORTS AND MORE. BACKED BY AN INDUSTRY LEADING WARRANTY, OUR PRODUCTS ARE THE PREFERRED CHOICE WHEN IT COMES TO OPENING SPACES.

WHY LaCANTINA DOORS



ENHANCED LIFESTYLE

WHETHER FOLDING OR SLIDING, **LaCANTINA DOORS** CREATE A HEALTHIER MORE COMFORTABLE ENVIRONMENT WITH NATURAL LIGHT AND OPEN AIR, COMPLETELY TRANSFORMING SPACE FROM THE INSIDE OUT. OPEN UP A LIVING ROOM OR KITCHEN TO CONNECT TO THE OUTDOORS AND ENTERTAIN.

PERFECT MATCH

OUR SIGNATURE DOOR PANELS ARE UTILIZED THROUGHOUT OUR FOLDING, MULTI SLIDE AND SWING DOOR PRODUCT RANGE, CREATING A **COMPLETE** AND **PERFECTLY MATCHING** PACKAGE FOR ALL OPENINGS.

VISUALLY APPEALING DESIGNS

MINIMAL, CLEAN DESIGNS ALLOW FOR PANELS TO STACK IN ALIGNMENT WHEN OPEN. OUR NARROW STILES AND LOW PROFILE RAILS CREATE SYMMETRY AND ALLOW MORE GLASS FOR NATURAL LIGHT. OUR PRODUCTS PROVIDE THE PREFERRED AESTHETIC AMONG ARCHITECTS AND DESIGNERS OR ANYONE WITH AN APPRECIATION FOR DETAIL.

COMPREHENSIVE RANGE

AS A SINGLE SOURCE MANUFACTURER WE OFFER THE MOST DIVERSE RANGE OF OPEN SPACE PRODUCTS FOR ANY ARCHITECTURAL STYLE IN ANY ENVIRONMENT. WITH A WIDE SELECTION OF MATERIAL OPTIONS AND PERFORMANCE LEVELS WE CAN MEET THE NEEDS OF ANY COMMERCIAL OR RESIDENTIAL PROJECT, LARGE AND SMALL.

INNOVATION

OUR EXPERIENCE SPECIALIZING IN THE DEVELOPMENT AND REFINEMENT OF PRODUCTS THAT **OPEN LARGE SPACES** HAS GIVEN US AN INTIMATE UNDERSTANDING OF HOW TO CREATE THE MOST INNOVATIVE DOOR SYSTEMS IN THE WORLD. FROM DOOR AND WINDOW COMBINATIONS, ZERO POST CORNERS, INTEGRATED SCREENING SOLUTIONS AND HURRICANE RATINGS, OUR FORWARD THINKING AND CREATIVE NATURE ALLOWS US TO OFFER THE MOST UNIQUE, FUNCTIONAL AND HIGH PERFORMANCE OPTIONS OF ANY FOLDING AND SLIDING DOOR.

QUALITY & VALUE

OUR MANUFACTURING FACILITY DEDICATED TO MAKING LARGE DOOR SYSTEMS ALLOWS US TO PROVIDE HIGH QUALITY PRODUCTS. ADVANCED LEAN MANUFACTURING PRACTICES AND QUALITY ASSURANCE PROGRAMS ENSURE THE BEST QUALITY AND CONSISTENCY, WHILE EXTENSIVE AIR, WATER, STRUCTURAL AND THERMAL TESTING CERTIFIES WE OFFER THE PROTECTION A HOME NEEDS.

MOST IMPORTANT IN OUR DESIGN PHILOSOPHY IS TO INCORPORATE THE ESSENTIAL ELEMENTS AND FEATURES IN OUR PRODUCTS THAT MATTER TO THE END USER. AS A RESULT, WE PRODUCE THE BEST QUALITY DOORS SYSTEMS OFFERING THE BEST VALUE.

SUPPORT & WARRANTY

OUR KNOWLEDGEABLE AND EXPERIENCED STAFF OFFERS GUIDANCE IN CHOOSING THE CORRECT PRODUCT AND ARE ALWAYS READILY AVAILABLE FOR TECHNICAL SUPPORT. WITH AN ESTABLISHED BASE OF DEALERS AND CERTIFIED INSTALLERS ACROSS THE US AND BEYOND, ASSISTANCE IS AVAILABLE AT ANY TIME WHEREVER IT IS NEEDED. ALL **LaCANTINA** PRODUCTS ARE BACKED BY OUR INDUSTRY LEADING 10 YEAR WARRANTY.



DOOR & WINDOW
APPLICATIONS

LaCANTINA OFFERS A DYNAMIC AND LIFESTYLE CHANGING SOLUTION THAT TRANSFORMS RESIDENTIAL AND COMMERCIAL SPACES IN ANY ENVIRONMENT OR CLIMATE. FROM CONTEMPORARY TO TRADITIONAL, URBAN TO RURAL, FROM THE COASTLINE TO THE MOUNTAINS, **LaCANTINA DOORS** WILL ENHANCE ANY ARCHITECTURAL STYLE.

RESIDENTIAL

LaCANTINA SYSTEMS CREATE AN INDOOR OUTDOOR LIVING EXPERIENCE IN ANY HOME, ANYWHERE, PROVIDING AN ENVIRONMENT OF OPEN SPACES.

RESTAURANTS & RETAIL
STOREFRONTS

LaCANTINA DOORS PROVIDE A UNIQUE OPPORTUNITY FOR BUSINESS OWNERS TO ATTRACT CUSTOMERS AND MAXIMIZE COSTLY COMMERCIAL SPACE. WHETHER CREATING AN ALFRESCO DINING EXPERIENCE OR CAPTURING A SHOPPER'S ATTENTION, **LaCANTINA DOORS** ARE A DRAMATIC DESIGN ELEMENT.

RESORT & HOSPITALITY

A **LaCANTINA** SYSTEM OFFERS ENDLESS POSSIBILITIES FOR RESORT AND HOSPITALITY PROPERTIES BY OPENING GUEST ROOMS, SUITES & VILLAS, OUTDOOR CABANAS AND EVEN HIGH RISE BALCONIES TO OUTDOOR RECREATION AREAS, POOL VIEWS AND SPECTACULAR SUNSETS FOR AN ENHANCED GUEST EXPERIENCE.

EDUCATION & LIBRARIES

A **LaCANTINA** SYSTEM MAKES BETTER USE OF INTERIOR SPACES OR CAN CREATE LARGE OPEN SPACES FOR SCHOOLS, LIBRARIES, CAMPUSES AND MUSEUMS. TRANSFORMING ONE LARGE OPEN ROOM TO MULTIPLE CLASS ROOMS OFFERS A FLEXIBLE MULTI-PURPOSE INTERIOR SOLUTION.

INTERIOR DIVIDERS

A **LaCANTINA** SYSTEM IS IDEAL FOR COMMERCIAL OR RESIDENTIAL INTERIOR APPLICATIONS. OUR FLUSH GUIDE TRACK ALLOWS FOR A SMOOTH TRANSITION BETWEEN ROOMS, OFFICES, CONFERENCE ROOMS AND MEETING ROOMS.



INNOVATING OPEN SPACES



MATERIAL TYPES	<p>LaCANTINA OFFERS THE WIDEST RANGE OF MATERIAL OPTIONS ACROSS OUR FOLDING, SLIDING AND SWING SYSTEMS.</p>
ALUMINUM	<p>THE ALUMINUM SYSTEM'S CLEAN DESIGN FEATURES A 2 3/4" NARROW STILE AND RAIL PROFILE, ALLOWING FOR MORE GLASS AND LIGHT. THE ALUMINUM SYSTEM IS PERFECT FOR RESIDENTIAL AND COMMERCIAL PROJECTS IN MODERATE CLIMATES OR AS AN INTERIOR SPACE DIVIDER.</p>
ALUMINUM THERMALLY CONTROLLED	<p>THE ALUMINUM THERMALLY CONTROLLED SYSTEM IS THE RESULT OF AN EXTENSIVE DESIGN PROCESS FOCUSED ON ENERGY EFFICIENCY, STRUCTURAL INTEGRITY AND VERSATILITY. THE ALUMINUM THERMALLY CONTROLLED SYSTEM FEATURES A NARROW 2 15/16" STILE AND RAIL PROFILE WITH THERMAL BREAKS THROUGHOUT FOR IMPROVED PERFORMANCE. OUR PROPRIETARY CORE AND FASCIA DESIGN ALLOWS SPLIT FINISH COLOR OPTIONS FOR THE INTERIOR AND EXTERIOR PROVIDING MAXIMUM DESIGN FLEXIBILITY.</p>
CONTEMPORARY CLAD	<p>THE CONTEMPORARY CLAD BOASTS STYLE WITHOUT COMPROMISING PERFORMANCE. FEATURING A LOW MAINTENANCE ALUMINUM EXTERIOR WITH MULTIPLE PROFILE DESIGNS AND THE NATURAL WARMTH OF A WOOD INTERIOR, THE CONTEMPORARY CLAD COMPLEMENTS ANY ARCHITECTURAL STYLE AND WINDOW PACKAGE. PERFECTLY PROPORTIONED, THE CONTEMPORARY CLAD PROVIDES A BEAUTIFUL AESTHETIC AND INCREASED THERMAL PERFORMANCE RESULTING IN OUR MOST ENERGY EFFICIENT SYSTEM.</p>
ALUMINUM WOOD	<p>THE ALUMINUM WOOD SYSTEM IS OUR UNIQUE DESIGN INNOVATION BASED ON THE SAME STYLING AS A TRADITIONAL WOOD CLAD DOOR. BUILT WITH THE HIGHEST QUALITY COMPONENTS AND LATEST ENGINEERING, THE ALUMINUM WOOD SYSTEM IS ENGINEERED FOR LARGE OPENINGS REQUIRING OVERSIZED DOOR PANELS.</p>
WOOD	<p>LaCANTINA'S ORIGINAL SYSTEM IS A TIMELESS CLASSIC FEATURING THE NATURAL BEAUTY AND ORGANIC AESTHETIC OF WOOD. AVAILABLE IN A WIDE RANGE OF STANDARD AND CUSTOM WOOD SPECIES, READY TO SEAL, STAIN OR PAINT.</p>
VINYL	<p>THE VINYL FOLDING SYSTEM BRINGS HIGH QUALITY CONTEMPORARY STYLING TO THE VINYL DOOR MARKET. DESIGNED TO APPEAL TO THE NEEDS OF A BROADER MARKET, THE VINYL SYSTEM PERFORMS WELL IN ALL ENVIRONMENTS, MATCHES POPULAR VINYL WINDOW PACKAGES AND IS THE IDEAL SOLUTION FOR HOME RENOVATIONS AND NEW CONSTRUCTION.</p>



FOLDING SYSTEMS



FOLDING

THE **LaCANTINA FOLDING** SYSTEM IS WHAT WE ARE RENOWNED TO HAVE PERFECTED. AS A PIONEER IN **FOLDING DOOR SYSTEMS** **LaCANTINA** SETS THE STANDARD FOR STYLE, FUNCTION AND PERFORMANCE. USING THE HIGHEST QUALITY ROLLING HARDWARE AND ROBUST PANEL AND FRAME DESIGNS, OUR SYSTEMS PROVIDE SMOOTH AND EFFORTLESS OPERATION UNMATCHED BY OTHER LARGE OPENING DOOR SYSTEMS. WITH THE ABILITY TO SPAN ANY SIZE OPENING, MULTIPLE CONFIGURATIONS AND OPTIONS TO MEET THE DEMANDS OF ANY PROJECT, A **LaCANTINA FOLDING** SYSTEM IS THE PERFECT CHOICE.

LaCANTINA FOLDING DOOR SYSTEMS ARE AVAILABLE IN ALUMINUM, ALUMINUM THERMALLY CONTROLLED, ALUMINUM WOOD, CONTEMPORARY CLAD, WOOD, VINYL AND IMPACT RATED.

FEATURES

- CLEAN CONTEMPORARY DESIGNS THAT MAXIMIZE GLASS AND LIGHT
- TOP HUNG FOR EASE OF OPERATION AND LONGER LIFESPAN
- HIGH QUALITY EXTRUDED ALUMINUM AND ENGINEERED WOOD FOR STRENGTH & PERFORMANCE
- SILL OPTIONS THAT SUIT WEATHER EXPOSURE OR FLUSH FLOOR TRANSITIONS FROM INSIDE TO OUTSIDE
- STAINLESS, BRONZE AND BLACK HARDWARE PACKAGES
- CONCEALED MULTI-POINT LOCKING SYSTEM FOR EASE OF OPERATION AND SECURITY
- HIGH WEIGHT RATED PRECISION ROLLING HARDWARE
- UNLIMITED CONFIGURATIONS UP TO 65' WIDE
- INSWING OR OUTSWING FLEXIBILITY
- UNIQUE DESIGN APPLICATIONS SUCH AS ZERO POST CORNERS AND COMBINATION DOOR AND WINDOW SYSTEMS
- IMPACT RATED SYSTEM PROVIDES ULTIMATE PERFORMANCE IN HIGH VELOCITY HURRICANE ZONE (HVHZ) AND WIND-BORNE DEBRIS AREAS
- SIMULATED DIVIDED LITE OPTIONS
- RANGE OF COMMERCIAL OPTIONS INCLUDING PANIC HARDWARE, ADA THRESHOLDS AND 10" BOTTOM RAILS
- DAILY USE DOOR OPTION FOR EASY ACCESS
- WIDE RANGE OF GLAZING OPTIONS FOR IMPROVED THERMAL PERFORMANCE, SAFETY, PROTECTION AND PRIVACY
- INTEGRATED SCREEN SYSTEMS FOR YEAR ROUND COMFORT AND PROTECTION AGAINST THE ELEMENTS

LaCANTINA FOLDING SYSTEMS UTILIZE ARCHITECTURAL GRADE MATERIALS AND PRECISION BEARINGS OFFERING LONG LASTING DURABILITY AND EFFORTLESS OPERATION. **LaCANTINA** HANDLE HARDWARE IS OFFERED IN A RANGE OF STYLES AND FINISHES WITH THE ABILITY TO MATCH CUSTOM HARDWARE TO EXISTING PACKAGES.

HARDWARE

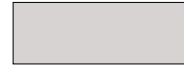


MULTI-POINT HANDLE



FOLDING DOOR LEVER

HARDWARE FINISH OPTIONS



STAINLESS

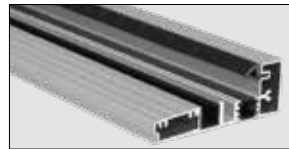


BRONZE

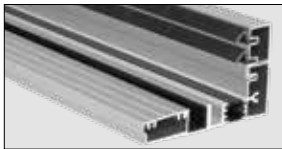


BLACK

SILL CONSIDERATIONS



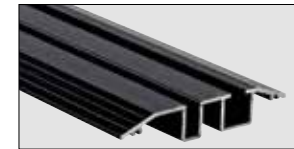
WEATHER RESISTANT SILL



WEATHER RESISTANT
RAISED SILL



FLUSH GUIDE SILL



RAMP SILL

WE SPECIALIZE IN CUSTOM MADE SYSTEMS WHICH ARE AVAILABLE UP TO 65' WIDE AND 10' TALL WITH A MAXIMUM PANEL WIDTH OF 39". FOR SHORTER LEAD TIMES AND ADDITIONAL SAVINGS, OUR FOLDING SYSTEMS ARE ALSO AVAILABLE IN MOST POPULAR SIZES AND OPENINGS.

LaCANTINA'S POPULAR STANDARD SIZES ARE 7' AND 8' TALL AND 9', 12', 15' AND 18' WIDE.

CONFIGURATIONS

LaCANTINA'S FOLDING SYSTEMS OFFER A RANGE OF CONFIGURATIONS UP TO 20 PANELS, 10 IN EACH DIRECTION, INCLUDING A 90° ZERO POST SYSTEM. BELOW ARE A SAMPLE OF POPULAR CONFIGURATION OPTIONS.

2 PANELS



2L OR 2R

3 PANELS



3L OR 3R



2L/1R OR 1L/2R



3L/1R OR 1L/3R

4 PANELS



2L/2R



4L OR 4R

5 PANELS



5L OR 5R



4L/1R OR 1L/4R



3L/2R OR 2L/3R

6 PANELS



3L/3R




5L/1R OR 1L/5R



6L OR 6R

FOLDING OPTIONS

LaCANTINA FOLDING SYSTEMS MATERIAL COMPARISON

						
MATERIAL	ALUMINUM	ALUMINUM THERMALLY CONTROLLED	ALUMINUM WOOD	CONTEMPORARY CLAD	WOOD	VINYL
STYLE	CONTEMPORARY	CONTEMPORARY	TRADITIONAL	CONTEMPORARY TO TRADITIONAL	TRADITIONAL TO CONTEMPORARY	CONTEMPORARY TO TRADITIONAL
PRICING	LOWER COST \$	UPGRADE \$ FOR PERFORMANCE & FEATURES	UPGRADE \$ FOR PERFORMANCE & FEATURES	UPGRADE \$ FOR PERFORMANCE & FEATURES	VALUE \$	LOWER COST \$
PANEL CONSTRUCTION	ALUMINUM	ALUMINUM WITH THERMALLY EFFICIENT CORE	ALUMINUM WITH SOLID WOOD ON THE INTERIOR	ENGINEERED WOOD CORE WITH EXTERIOR ALUMINUM	ENGINEERED WOOD CORE	VINYL
U-VALUE LOW-E 366 ARGON*	.48	.37	.38	.31	.30	.34
U-VALUE .32 OR LESS GLAZING OPTION	NO	YES	YES	YES	YES	YES
ENERGY EFFICIENCY	GOOD	BETTER	BETTER	BEST	BEST	BEST
PANEL THICKNESS	1 3/4"	2 1/4"	2 1/4"	2 1/4"	1 3/4"	1 3/4"
STOCK FINISHES	CLEAR ANODIZED BRONZE ANODIZED WHITE PAINT	CLEAR ANODIZED BRONZE ANODIZED WHITE PAINT (SPLIT FINISH FOR INTERIOR & EXTERIOR AVAILABLE)	WHITE PAINT BRONZE PAINT SHADOW BLACK PAINT	CLEAR ANODIZED BRONZE ANODIZED WHITE PAINT BRONZE PAINT SHADOW BLACK PAINT	N/A	WHITE VINYL TAN VINYL
STILE & RAIL PROFILE	2 3/4"	2 15/16"	3 5/8"	2 15/16"	3 5/8"	2 15/16"
ADDITIONAL BOTTOM RAIL OPTIONS	10" ADA	-	-	7 1/2", 10" ADA	7 1/2", 10" ADA	-
SIMULATED DIVIDING LITES (SDLs)	1" CONTEMPORARY	1" CONTEMPORARY	1" CONTEMPORARY OR TRADITIONAL	1" CONTEMPORARY OR TRADITIONAL	1" TRADITIONAL	-
IN-STOCK WOOD	-	-	VG FIR OR SAPELE MAHOGANY	VG FIR OR SAPELE MAHOGANY	VG FIR OR SAPELE MAHOGANY	-
FOLDING PANEL LOCKING	CONCEALED MULTI-POINT	CONCEALED MULTI-POINT	CONCEALED MULTI-POINT	CONCEALED MULTI-POINT	SURFACE MOUNTED LOCKING	CONCEALED MULTI-POINT

* PERFORMANCE RESULTS BASED ON OUTSWING WEATHER RESISTANT SILL

Pella® Lifestyle Series

Clad/Wood



#1 performing wood window and patio door for the combination of energy, sound and value.¹

Triple-pane casement



Dual-pane casement



- **Performance redefined**

You don't have to compromise on any aspect of performance. Available performance solutions offer an unbeatable combination of energy efficiency, sound control and value.¹

- **ENERGY STAR® certified²**

Pella products offer energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states. Pella Lifestyle Series products with triple-pane glass have been awarded ENERGY STAR Most Efficient Mark in 2022.

- **Enhanced sound control**

Our patented, triple-pane design with Advanced Low-E glass allows for mixed glass thickness for enhanced sound dampening resulting in an average 52% noise reduction versus single-pane windows.³

- **Popular features and options**

Low-maintenance aluminum-clad exteriors. Factory prefinish with a choice of several paints and stains, or choose primed or unfinished. Several grille types and patterns and high-transparency screens are also available.

- **Intentional design for improved durability**

Intentional jamb/sill design helps seal the end grain of the wood and elevates it off the rough opening, reducing the potential for moisture.

- **Durable 3-way corner joint**

Three-way corner joints are made up of mortise-and-tenon, metal fasteners and commercial adhesive for added strength and durability.

- **Low-maintenance exteriors**

Aluminum-clad exteriors with EnduraClad® finish resists fading and chalking. It is applied in an overlapping fashion for exceptional protection.

- **Exclusive wood protection**

Pella's exclusive EnduraGuard® wood protection is applied after the pieces have been cut and milled, but prior to final assembly. It provides advanced protection against the effects of moisture, decay, stains from mold and mildew – as well as termite damage.

- **Best limited lifetime warranty⁴**

Pella Lifestyle Series products are covered by the best limited lifetime warranty in the industry for wood windows and patio doors.⁴

- **Testing beyond requirements**

At Pella, our products are tested beyond requirements to help ensure they have long-lasting performance and reduce call-backs for you.

Available in these window and patio door styles:⁵



Special shape windows also available.

^{1,2,3,4,5} See back cover for disclosures.

Product Specifications

Window & Patio Door Styles	Min. Width	Min. Height	Max. Width	Max. Height	Performance Class & Grade	Performance Values		
						U-Factor	SHGC	STC
Awning Dual-pane vent	21"	17"	59"	59"	LC30	0.25-0.35	0.19-0.51	25-28
Awning Triple-pane vent	21"	17"	59"	59"	LC25-CW50	0.12-0.19	0.24-0.56	31-37
Casement Dual-pane vent	17"	17"	35"	73"	LC30-LC50	0.25-0.35	0.19-0.51	25-31
Casement Triple-pane vent	17"	17"	35"	73"	R20-CW50	0.20-0.25	0.17-0.46	31-37
Fixed Casement Dual-pane	17"	17"	73"	73"	LC30-LC50	0.23-0.50	0.19-0.66	29-32
Fixed Casement Triple-pane	17"	17"	73"	73"	R20-CW50	0.19-0.24	0.17-0.46	33-37
Double-Hung Dual-pane vent	21"	35"	41.5"	77"	LC30-LC50	0.19-0.66	0.20-0.56	27-31
Hinged Patio Door Dual-pane single door	30"	80"	38"	96"	LC50	0.25-0.29	0.18-0.48	31
Hinged Patio Door Triple-pane single door	30"	80"	38"	96"	LC55	0.22-0.26	0.14-0.38	34-36
Hinged Patio Door Dual-pane double door	60"	80"	75"	96"	LC50	0.25-0.29	0.18-0.48	30-32
Hinged Patio Door Triple-pane double door	50"	80"	75"	96"	LC55	0.22-0.26	0.14-0.38	34-36
Sliding Patio Door Dual-pane single-door fixed (O)	31"	80"	49"	96"	CW50	0.24-0.33	0.18-0.51	27
Sliding Patio Door Triple-pane single-door fixed (O)	31"	80"	49"	96"	CW60	0.21-0.27	0.17-0.45	33-36
Sliding Patio Door Dual-pane double-door vent (OX or XO)	60"	80"	96"	96"	R20-LC50	0.24-0.33	0.18-0.51	29-32
Sliding Patio Door Triple-pane double-door vent (OX or XO)	60"	80"	96"	96"	R25-LC60	0.21-0.27	0.17-0.45	33-36

Window sizes available in 1/4" increments
Special sizes available in triple-pane patio doors. For more information regarding performance, visit [pella.com/performance](#). For more information regarding frame and installation types, visit [installpella.com](#).

Window Hardware

Essential Collection

Select from popular designs and finishes to suit every style.



Fold-away Crank



Cam-Action Lock

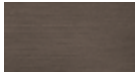
Finishes:



Champagne



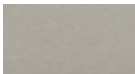
White



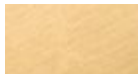
Brown



Matte Black



Satin Nickel



Satin Brass

Patio Door Hardware

Essential Collection

Elevate your style and transform a home with elegant selections.

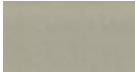


Hinged Patio Door Handle

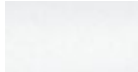


Sliding Patio Door Handle

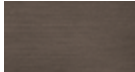
Finishes:



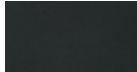
Champagne



White



Brown



Matte Black



Satin Nickel

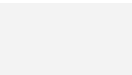


Satin Brass

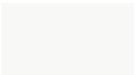
Colors

Prefinished Pine Interior Colors

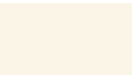
We can prefinish pine in your choice of several paint and stain colors. Unfinished or primed and ready-to-paint are also available.



White



Bright White



Linen White



Golden Oak Stain



Early American Stain



Provincial Stain



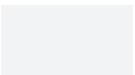
Black Stain

Aluminum-Clad Exterior Colors

Our low-maintenance EnduraClad® exterior finish resists fading and helps protect windows and patio doors for years. Seacoast EnduraClad protective finish for coastal projects with high salt exposure is also available.



Black



White



Brown



Fossil



Iron Ore



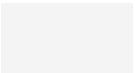
Portobello



Putty



Almond



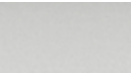
Classic White



Brick Red



Hartford Green



Wolf Gray

Integrated Blinds⁶

Raise blinds up for an unobstructed view or tilt to let in just the right amount of light. Our best integrated and accessible blinds are available manual or motorized with Pella® Insynctive® technology.



White



Poplar White



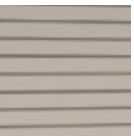
Bisque



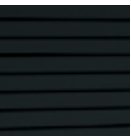
Storm



Golden



Mocha



Black

Integrated Shades⁶

Our best integrated fabric shades feature a white exterior fabric for a uniform look from the street. Integrated and accessible shades are available manual or motorized with Pella Insynctive technology.

Light-Filtering:



White



Silver



Maize

Room-Darkening:



Cotton



Bamboo



Ash

Haven't landed on the final blind or shade color selection? No problem. With our patented triple-pane design, you and your customer can make those decisions later in the schedule. Our triple-pane products come with all of the hardware to add a blind or shade straight from the factory or at a later time in the building or remodeling process.

Added Peace of Mind

Integrated Security Sensors

Integrated wireless security sensors maintain aesthetics, streamline security installation and ensure no warranty loss is caused by post-installation drilling. Sensors can be monitored via the free Pella® Insynctive® App and are compatible with major security panel systems.⁷ For more information, go to [connectpella.com](#).

^{4,7} See back cover for disclosures.

Performance Packages

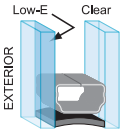
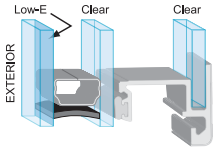
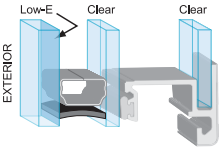
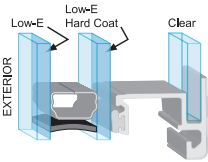
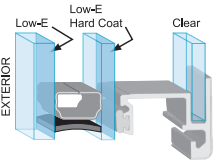
To make things easier, we've created performance packages.

Performance solutions offer an unbeatable combination of energy efficiency, sound control and value.¹ Create room-by-room solutions with the upgraded triple-pane glass design.

All values below are averages compared with single-pane windows.



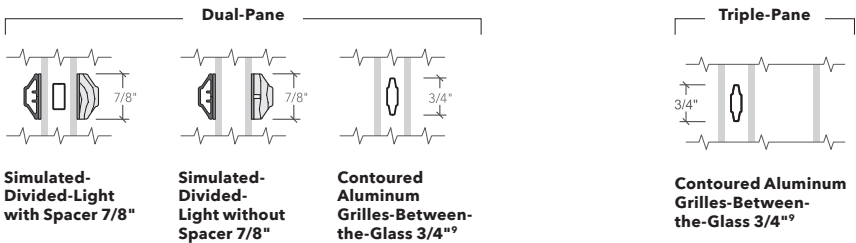
Pella® Lifestyle Series offers products awarded ENERGY STAR® Most Efficient for 2022.²

Base	Performance	Sound Control	Energy Efficiency	Ultimate Performance
				
Advanced Low-E	Advanced Low-E SunDefense Low-E or NaturalSun Low-E	Advanced Low-E Sound-reduction glazing	AdvancedComfort	AdvancedComfort Sound-reduction glazing
Two panes of insulating, energy-efficient glass and our most popular features and options.	A triple-pane glass design for a combination of both improved energy efficiency and sound performance.	Triple-pane glass design featuring mixed glass thicknesses for enhanced sound dampening.	A triple-pane glass design with upgraded AdvancedComfort Low-E glass for enhanced energy efficiency.	A triple-pane glass design featuring mixed glass thicknesses with upgraded AdvancedComfort Low-E glass for enhanced energy efficiency.

Patented triple-pane glass design gives flexibility to add integrated blinds or shades without impacting performance.

Grilles

Choose the look of true divided light, removable roomside grilles or make cleaning easier by selecting grilles-between-the-glass.



The Best Limited Lifetime Warranty in the Industry

We know your reputation matters and you stake your reputation on quality, dependable products. That's why we have the best limited lifetime warranty in the industry for wood windows and patio doors.⁴

¹ Performance solutions require upgrades to triple-pane, AdvancedComfort Low-E and mixed glass thickness. Based on comparing product quotes and published STC/OITC and U-Factor ratings of leading national wood window and patio door brands.

² Some Pella products may not meet ENERGY STAR certification in Canada. For more information, contact your local Pella sales representative or go to nrcan.gc.ca/energy/products/categories/fenestration/13739.

³ Reduction in sound based on OITC ratings of Pella Lifestyle Series windows with respective performance package compared to a single-pane wood or vinyl window with an OITC of 19. Calculated by using the sound transmission loss values in the 80 to 4000 Hz range as measured in accordance with ASTM E-90(09). Actual results may vary.

⁴ Based on comparing written limited warranties of leading national wood window and wood patio door brands. See written limited warranty for details, including exceptions and limitations, at pella.com/warranty.

⁵ Double-hung windows available in dual-pane only.

⁶ Available with triple-pane products only.

⁷ Requires the Insynctive App on a smart device, an Insynctive Bridge and a wireless home router with internet connection.

⁸ Window energy efficiency calculated in a computer simulation using RESFEN 6.0 default parameters for a 2000 sq. foot new construction single-story home when Pella Lifestyle Series windows with the respective performance package are compared to a single-pane wood or vinyl window. The energy efficiency and actual savings will vary by location. The average window energy efficiency is based on a national average of 94 modeled cities across the country and weighting based on population. For more details see pella.com/methodology.

⁹ Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.

WOOD FOLDING DOOR SYSTEM

THE **LaCANTINA DOORS** WOOD PANEL FEATURES A NARROW 3 5/8" STILE AND RAIL USING A SINGLE LITE WITH NO HORIZONTAL MULLIONS. PANEL IS 1 3/4" [44.5 MM] SOLID LVL CORE. THE WOOD PANEL, WHEN OVER 96" TALL, REQUIRES A 7 1/2" BOTTOM RAIL. A 10 1/2" ADA BOTTOM RAIL OPTION IS AVAILABLE (NOT SHOWN).

PER PANEL WEIGHT ESTIMATE

39" X 8' = 110 LBS

39" X 10' = 136 LBS

