

**CERTIFICATE OF APPROPRIATENESS**

**Application Date:** March 2, 2016

**Applicant:** Matt Grauvogl, RSFM Inc. for Kimberlee Sturrock, owner

**Property:** 1122 Peddie Street, Lots 7 & 8, Block 111, North Norhill Subdivision. The property includes a historic 1,152 square foot, one-story wood frame single-family residence and a detached garage situated on a 10,000 square foot (100' x 100') interior lot.

**Significance:** Contributing bungalow residence, constructed circa 1926, located in the Norhill Historic District.

**Proposal:** Alteration – Windows/Door

Remove original wood 1-over-1 windows and install new wood windows. Also:

- West (side) elevation: Remove a non-original door and side over the opening; Remove a 1-over-1 window and shift it 1'-6" feet towards the rear.
- East (side) elevation: Remove a pair of wood 1-over-1 windows and install a smaller 1-over-1 window.

See enclosed application materials and detailed project description on p. 3-15 for further details.

ATTACHMENT A: Application Materials, pg. 15

**Public Comment:** No public comment received at this time.

**Civic Association:** No comment received.

**Recommendation:** **Partial Approval: Approval to remove the side door and fill in the opening; Approval to replace window O with a wood 1-over-1 window of the same size in the same location; Denial of all other work.**

**HAHC Action:** -

## APPROVAL CRITERIA

## ALTERATIONS, REHABILITATIONS, RESTORATIONS AND ADDITIONS

Sec. 33-241: HAHC shall issue a certificate of appropriateness for the alteration, rehabilitation, restoration or addition of an exterior feature of (i) any landmark, (ii) protected landmark, (iii) any building, structure or object that is part of an archaeological site, or (iv) contributing building in a historic district upon finding that the application satisfies the following criteria, as applicable:

- | S                                   | D                                   | NA                                  |  |
|-------------------------------------|-------------------------------------|-------------------------------------|--|
|                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | (1) The proposed activity must retain and preserve the historical character of the property;<br><i>The original wood windows are a distinguishing feature of the property and should be retained. Staff confirmed some damage of the original windows but believe they are not beyond reasonable repair except for window O which is missing a sash.</i>   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | (2) The proposed activity must contribute to the continued availability of the property for a contemporary use;  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | (3) The proposed activity must recognize the building, structure, object or site as a product of its own time and avoid alterations that seek to create an earlier or later appearance;  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | (4) The proposed activity must preserve the distinguishing qualities or character of the building, structure, object or site and its environment;<br><i>The original wood windows are a distinguishing feature of the property and should be retained. Historic windows are made of old-growth wood, are easily repaired due to their piece-meal construction and expand/contract with the house according to weather conditions. Staff confirmed some damage of the original windows but believe they are not beyond reasonable repair except for window O which is missing a sash.</i>   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | (5) The proposed activity must maintain or replicate distinctive stylistic exterior features or examples of skilled craftsmanship that characterize the building, structure, object or site;<br><i>The original wood windows are a distinguishing feature of the property and should be retained.</i>  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | (6) New materials to be used for any exterior feature excluding what is visible from public alleys must be visually compatible with, but not necessarily the same as, the materials being replaced in form, design, texture, dimension and scale;  |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | (7) The proposed replacement of missing exterior features, if any, should be based on an accurate duplication of features, substantiated by available historical, physical or pictorial evidence, where that evidence is available, rather than on conjectural designs or the availability of different architectural elements from other structures;  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | (8) Proposed additions or alterations must be done in a manner that, if removed in the future, would leave unimpaired the essential form and integrity of the building, structure, object or site;<br><i>Altering window locations removes interior shiplap which compromises the integrity of the building.</i>   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | (9) The proposed design for any exterior alterations or addition must not destroy significant historical, architectural, archaeological or cultural material, including but not limited to siding, windows, doors and porch elements; and<br><i>The original wood windows are a distinguishing feature of the property and should be retained. The alteration would result in the permanent loss of historic material and examples of craftsmanship such as the piece-meal construction that is indicative of historic windows. Altering window sizes and location also removes interior shiplap which compromises the integrity of the building. Staff confirmed some damage of the original windows but believe they are not beyond reasonable repair except for window O, which is missing a sash..</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | (10) The proposed alteration or addition must be compatible with the massing, size, scale material and   |

character of the property and the context area; and

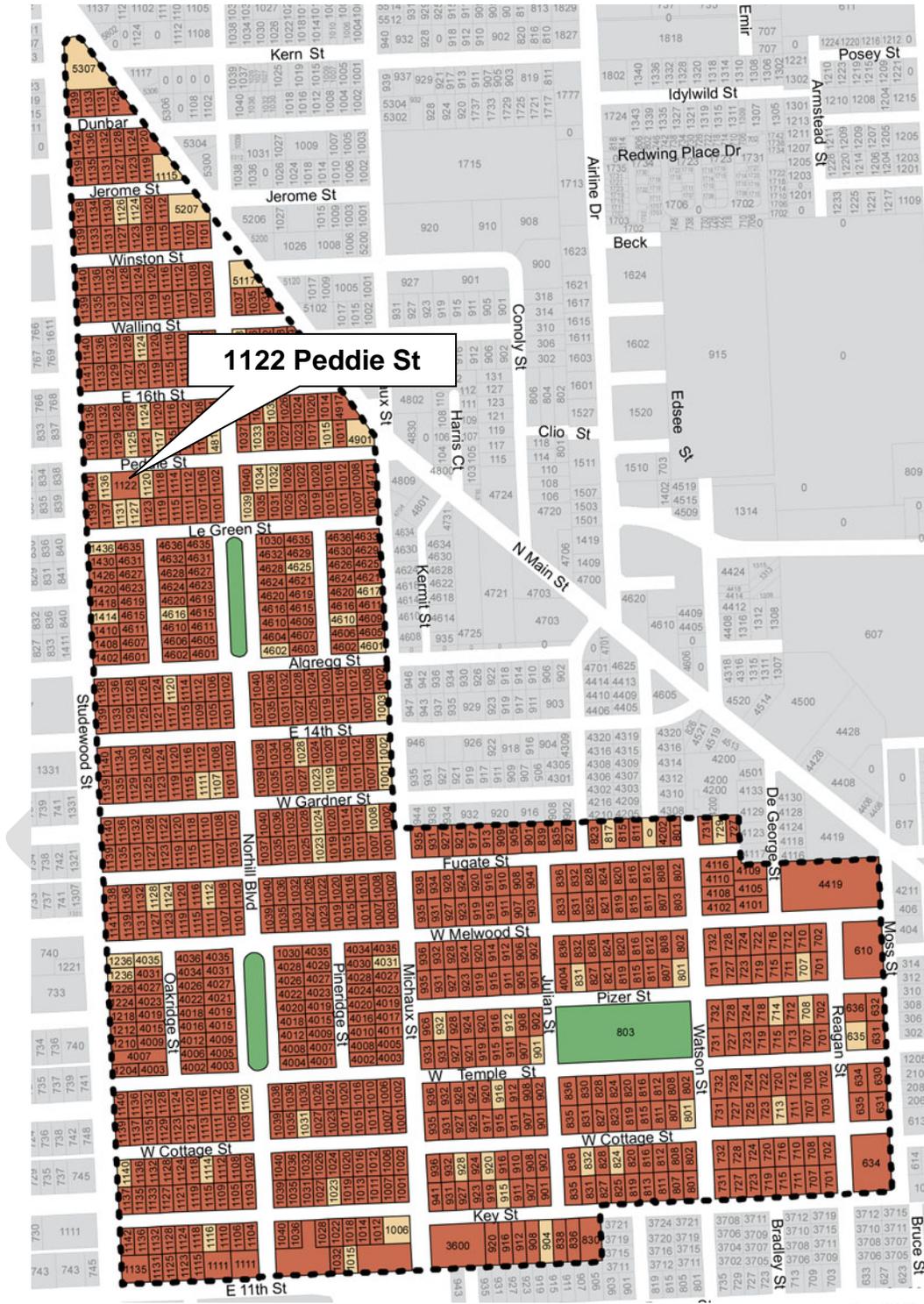
*The replacement windows are compatible in size, scale, and character with the existing windows.*

- (11) The distance from the property line to the front and side walls, porches, and exterior features of any proposed addition or alteration must be compatible with the distance to the property line of similar elements of existing contributing structures in the context area.

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PROPERTY LOCATION  
NORHILL HISTORIC DISTRICT



- Building Classification**
- Contributing
  - Non-Contributing
  - Park

INVENTORY PHOTO

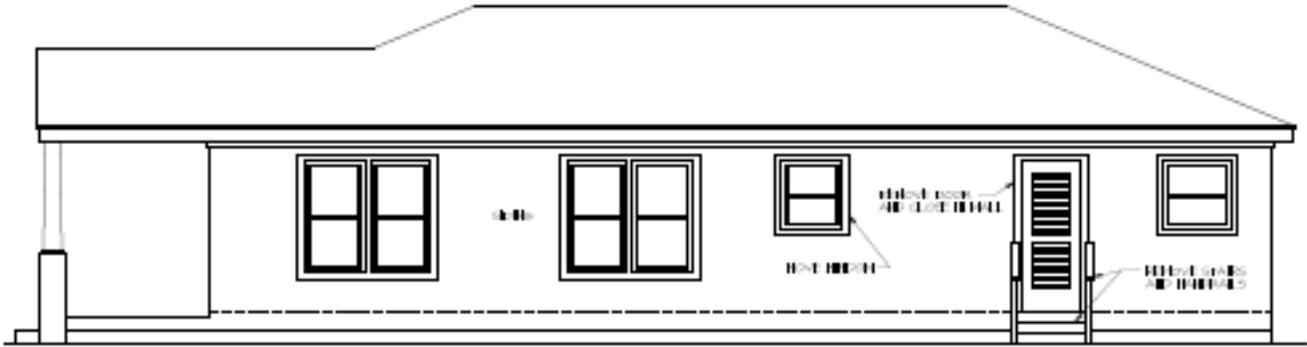


CURRENT

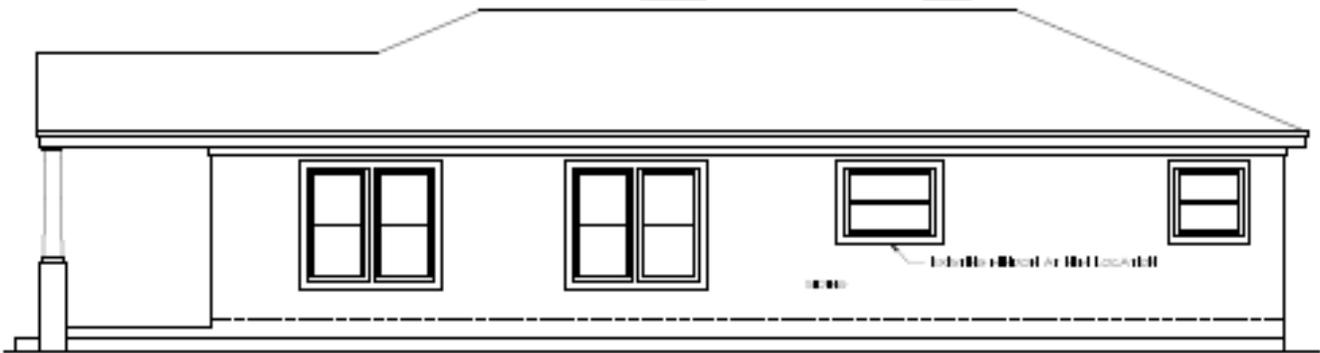


WEST SIDE ELEVATION

EXISTING



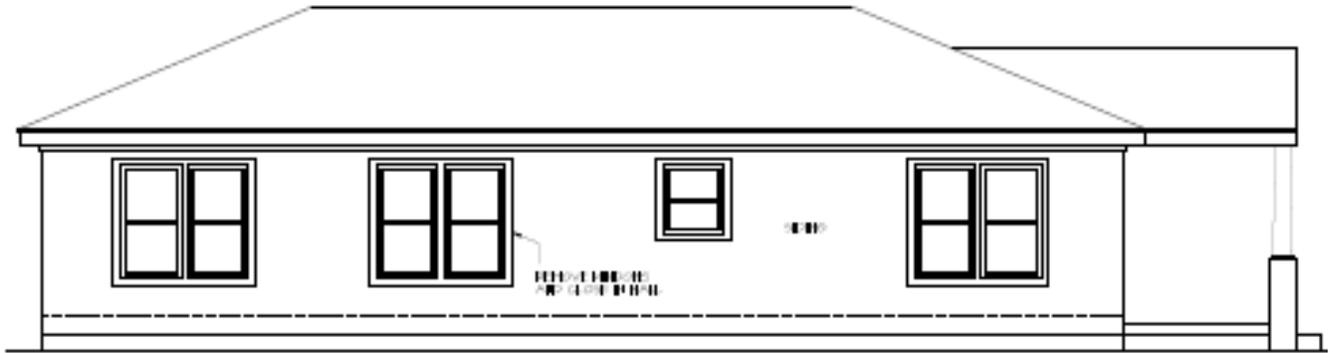
PROPOSED



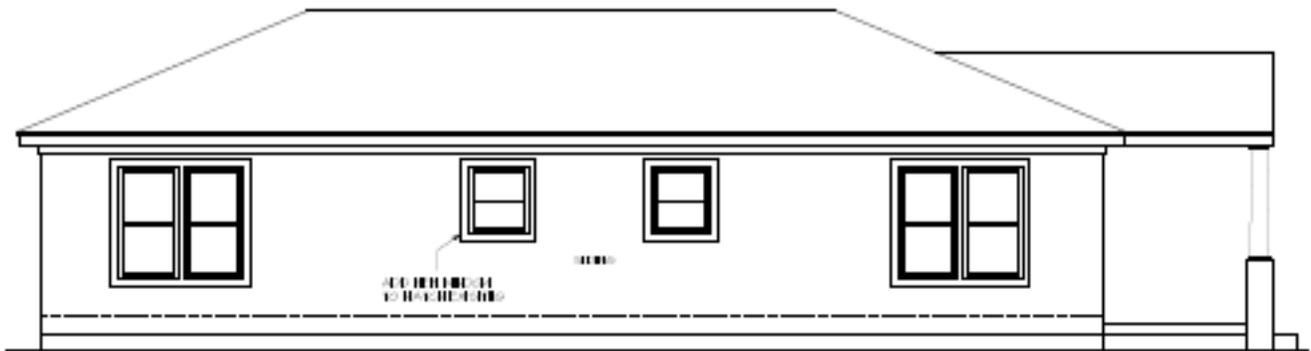
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**EAST SIDE ELEVATION**

EXISTING



PROPOSED



**SOUTH (REAR) ELEVATION**

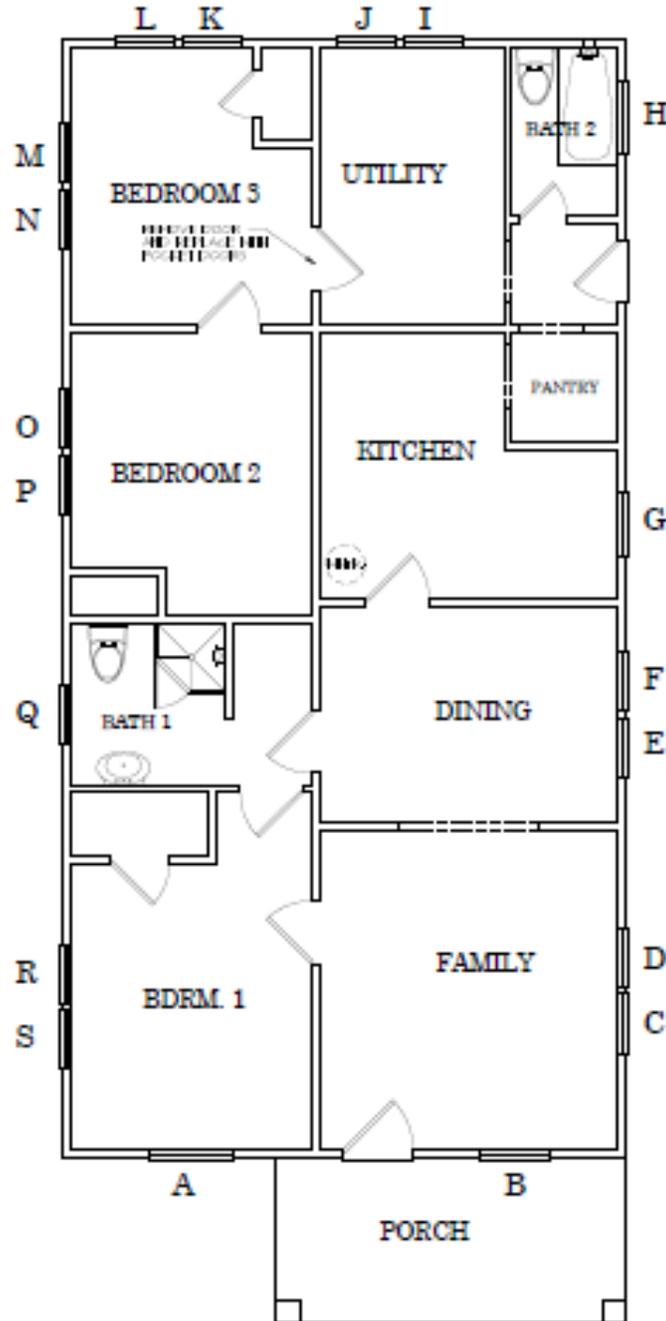
EXISTING



PROPOSED



**SITE PLAN**  
EXISTING



PROPOSED WINDOWS

Windows Replacement

Windows are damaged and are none repairable. Below are the windows we will be replacing with along with the windows instructions and window type we will be using.



Pella Architect Series Wood Windows

(See attachments p-15622.pdf for window info)



We will do a precision fit and renovation pocket replacement

(See attachment 808F.pdf) for more information

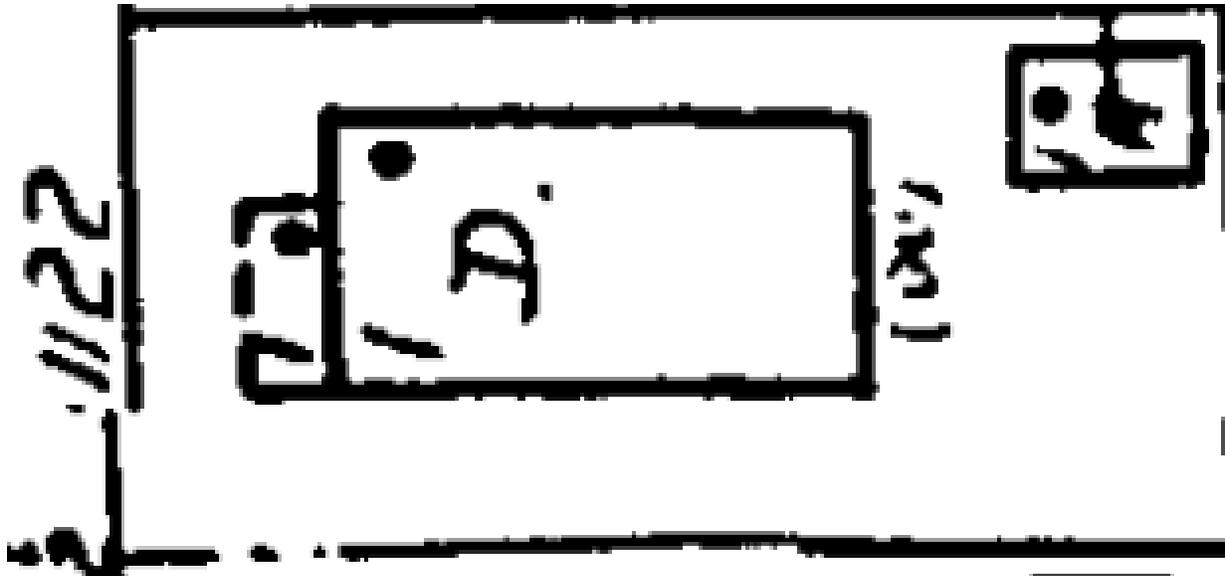
PHOTOS OF INTERIOR





SANBORN MAP

1924-1950 VOL 2, SHEET 275



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**PROJECT DETAILS**

**Windows/Doors:** Wood 1-over-1 windows that will be replaced with wood windows.

**Exterior Materials:** Wood 1-over-1 windows, wood doors and asbestos siding. The alteration removes the windows and installs new wood windows in the same openings.

**Front Elevation:** This elevation contains two wood 1-over-1 windows. The alteration replaces these windows with  
**(North)** wood 1-over-1 windows.

**Side Elevation:** This elevation contains six wood 1-over-1 windows and a pedestrian door. The alteration replaces  
**(West)** five with new windows in the same location and removes the door and encloses the opening. The sixth 32" by 36" 1-over-1 window is removed and shifted 1'-6" towards the rear.

**Side Elevation:** This elevation contains seven wood 1-over-1 windows. The alteration removes two windows and  
**(East)** installs a smaller 32" by 36" 1-over-1 window.

**Rear Elevation:** Not visible from public right-of-way.  
**(South)**

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**ATTACHMENT A - APPLICATION MATERIALS**

**APPLICANT WINDOW ASSESSMENT AND PROPOSED WINDOW SPECS**

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Client Name: Kimberlee Sturrock

Address: 1122 Peddie Street, Houston, TX 77009

### Window A



- Wood double hung
- Original window to house
- Current Condition: it leaks, window shakes, it makes noise when opened up and down, outer window screen not all the way from corner to corner, sill around window going bad

### Window B



- Wood double hung
- Original window to house
- Current Condition: window shakes, it leaks, sill around window going bad

### Window C



- Wood double hung
- Original window to house
- Current Condition: window shakes, it leaks, window not square, wood rot

### Window D



- Wood double hung
- Original window to house
- Current Condition: window shakes, it leaks, sill around window going bad, window not square

## Window E



- Wood double hung
- Original window to house
- Current Condition: window shakes, it leaks, top window falls down, it is cracked, window not square, wood rot

## Window F



- Wood double hung
- Original window to house
- Current Condition: window shakes, it leaks, window not square

## Window G



- Wood double hung
- Original widow to house
- Current Condition: window shakes, it leaks, window not square, cord is broken

## Window H



- Wood double hung
- Original window to house
- Current Condition: window shakes, it leaks, window not square

## Window I



- Wood double hung
- Original window to house
- Current Condition: window shakes, it leaks, window not square, rotten wood

## Window J



- Wood double hung
- Original window to house
- Current Condition: window shakes, it leaks, window not square, rotten wood

### Window K



- Wood double hung
- Original window to house
- Current Condition: window shakes, it leaks, window not square, cord is cut

### Window L



- Wood double hung
- Original window to house
- Current Condition: window broken around ac unit, sill around window going bad, not secure, window shakes, it leaks, wood rot

### Window M



- Wood double hung
- Original window to house

- Current Condition: window shakes, it leaks, sill around window going bad, damaged screen

#### Window N



- Wood double hung
- Original window to house
- Current Condition: window shakes, it leaks, sill around window going bad, damaged screen

#### Window O



- Wood double hung
- Original window to house
- Current Condition: window is broken and missing the top part, it leaks, window shakes

Window P



- Wood double hung
- Original window to house
- Current Condition: window shakes, it leaks, sill around window is going bad

Window Q



- Wood double hung
- Original window to house
- Current Condition: window shakes, it leaks, sill around window is going bad, wood rot

Window R



- Wood double hung
- Original window to house
- Current Condition: window shakes, it leaks, sill around window is going bad

#### Window S



- Wood double hung
- Original window to house
- Current Condition: window shakes, it leaks



# **RSFM INC.**

CONSTRUCTION SERVICES

12-7-15

1122 Peddie St Houston Tx

## Windows Replacement

Windows are damaged and are none repairable. Below are the windows we will be replacing with along with the windows instructions and window type we will be using.



Pella Architect Series Wood Windows

(See attachments p-15622.pdf for window info)



We will do a precision fit and renovation pocket replacement

(See attachment 808F.pdf) for more information



This is a house in the historical district, with a swap out with the windows above.

### Current House Below

**Front Elevation**, windows are old and nonoperational, windows cannot be seen behind solar screen



**Right Elevation**, windows are old and seal shut, windows cannot be seen behind solar screen

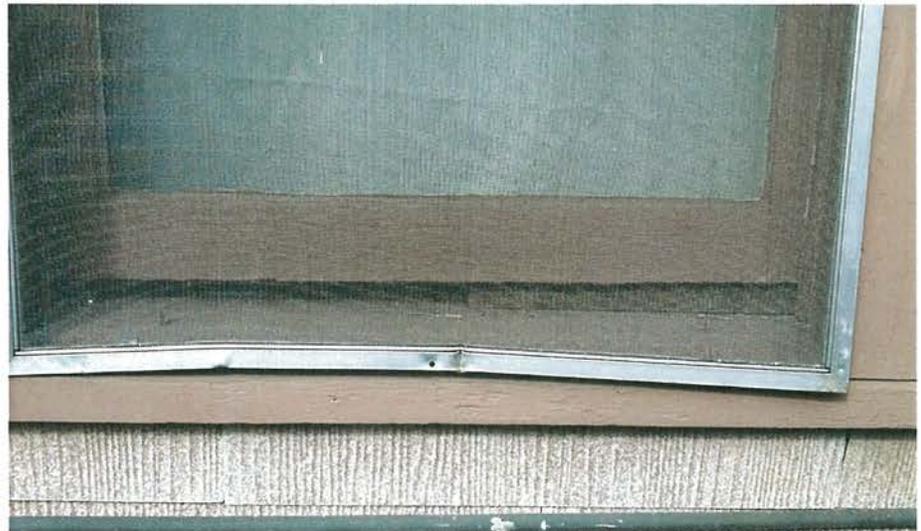


**Rear Elevation**, windows are old and damage, this picture shows best on current condition of windows

**Rear Elevation**, close up on window damage



**Rear Elevation**, close up on window damage, and window will not close





**Left Elevation**, windows are old and damage cannot be repaired



**Left Elevation**, close up

**Left Elevation**, close up on how damage are some of the windows

















**INSTALLATION INSTRUCTION -  
INSTRUCCIONES DE INSTALACION  
PELLA® PRECISION FIT AND RENOVATION POCKET  
REPLACEMENT DOUBLE-HUNG VENT WINDOW**

**Important!** The Pella Replacement Window is designed to replace older style double-hung windows. The original window frame will remain in place and only the existing sash will be removed. Read these instructions thoroughly before beginning. Failure to install as recommended will void any warranty, express or implied. For types of installation other than shown, contact your local Pella representative or visit <http://www.pella.com>.

**YOU WILL NEED TO SUPPLY:**

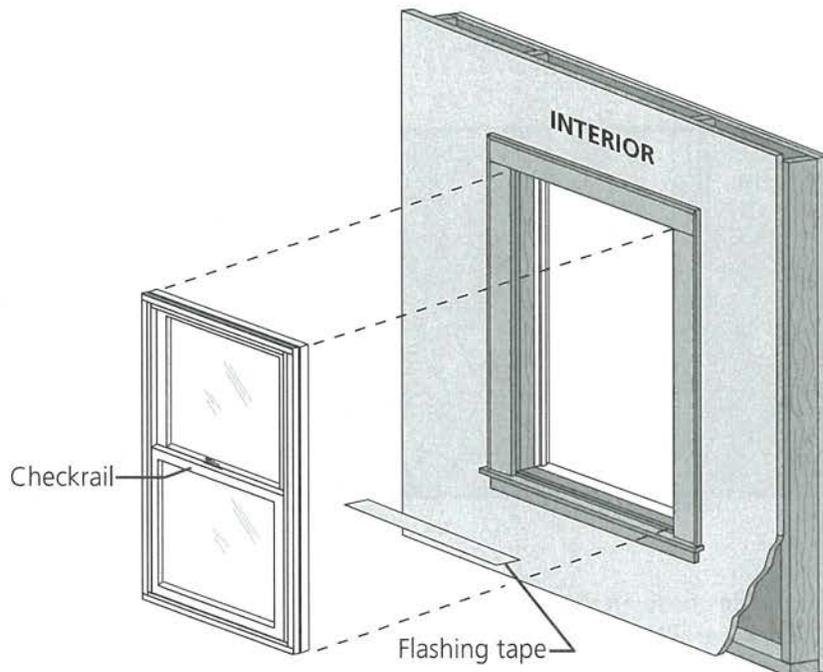
- Cedar or Impervious shims/spacers (12 to 20) 
- Closed cell foam backer rod/sealant backer (12 to 30 ft.) 
- Pella® SmartFlash™ foil backed butyl window and door flashing tape or equivalent 
- High quality exterior grade polyurethane or silicone sealant (1 tube per window) 
- Great Stuff™ Window and Door Insulating Foam Sealant by the Dow Chemical Company or equivalent low pressure polyurethane window and door foam - DO NOT use high pressure or latex foams. 

**TOOLS REQUIRED:**

- Tape measure 
- Level 
- Hammer 
- Utility knife 
- Pry bar 
- Sealant gun 
- Screwdrivers (#2 Phillips and Flat blade) 
- Putty knife 
- Wood chisel 
- Drill 

*Installation will require two or more persons for safety reasons.*

**REMEMBER TO USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.**

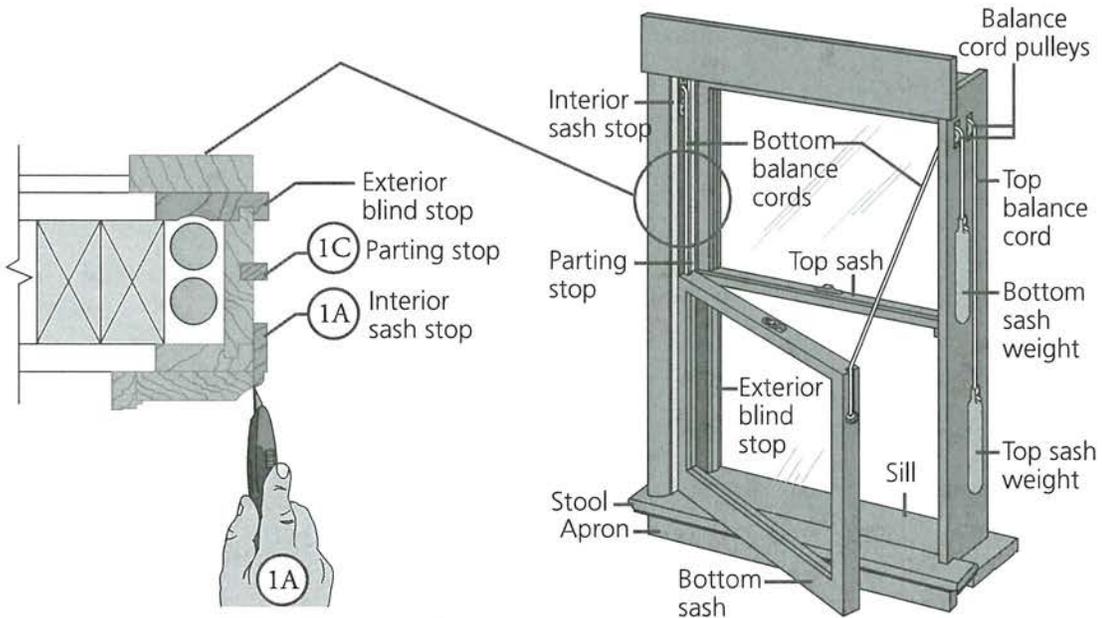


Always read the Pella® Limited Warranty before purchasing or installing Pella products. By installing this product, you are acknowledging that this Limited Warranty is part of the terms of the sale. Failure to comply with all Pella installation and maintenance instructions may void your Pella product warranty. See Limited Warranty for complete details at <http://warranty.pella.com>.

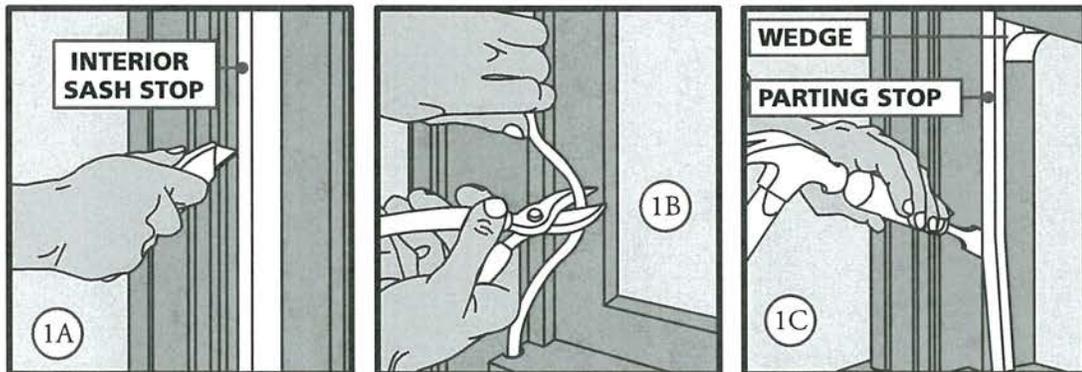
# 1 DOUBLE-HUNG SASH REMOVAL

**CAUTION:** Many windows in older homes are painted with lead-based paint. Removal of old windows may disturb this paint. Proper precautions must be taken to minimize exposure to dust and debris. Consult state or local authorities for more information.

*Note: Verify the opening and window dimensions prior to removing the existing window sash.*

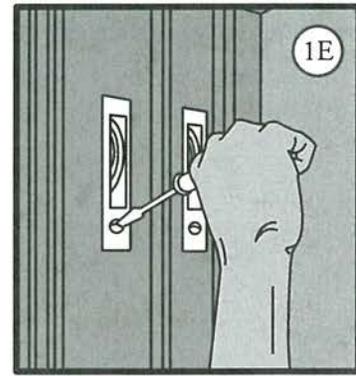


- A. Score paint or varnish along interior sash stops with a sharp utility knife. Remove the interior sash stops at jambs (sides) and head (top) using a putty knife and pry bar.



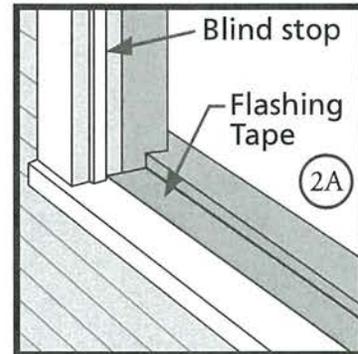
- B. Cut the balance cords on the bottom sash and lift out the sash. Allow weights to fall to the bottom of the weight pocket.
- C. Remove the parting stops by prying them out or by pulling them out with a channel lock. There may be a small wedge of wood at the bottom of the upper sash that is next to the parting stops. To make it easier to remove the parting stop, use a chisel to knock off the wedge.

- D. Lower the top sash and cut the balance cords allowing the balance weights to fall into the weight pocket. Remove the top sash.
- E. Remove the balance cord pulleys. Unscrew and remove the balance cord pulleys. If they cannot be removed easily, drive them into the jamb using a hammer.
- F. **If desired, insulate the weight chamber** by filling it with low pressure window and door insulating foam.



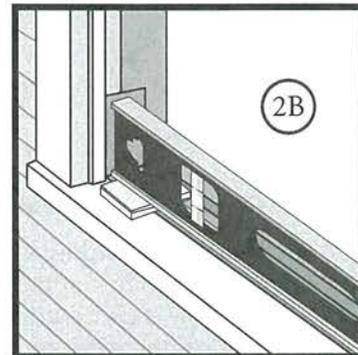
## 2 PREPARE THE OPENING

- A. **Apply one piece of sill flashing tape to the sill of the existing window.** Cut the tape the same length as the width of the existing window sill. Place one side of the tape against the vertical leg of the stool, and work the tape into the corner before applying to the sill. Press down firmly. **DO NOT** allow the flashing tape to extend past the blind stops.
- B. **Check to ensure the existing sill is level and not bowed (humped) upward.** If necessary, place shims on the bottom of the window opening 1/2" from each side. Shim sill only at the jambs. Once level, attach shims to prevent movement.



*Note: Improper placement of shims may result in bowed (humped) sill.*

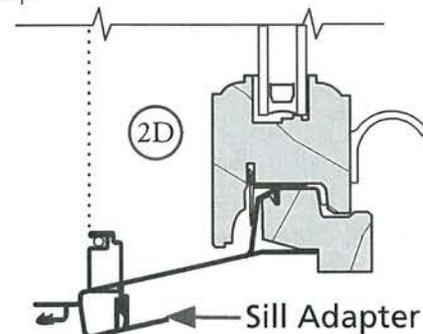
- C. **Remove plastic wrap, cardboard packaging and sill packaging board from window.** **DO NOT** cut the checkrail bands or remove plastic shipping spacers located between the window sash and frame. The shipping spacers will help keep the window square during installation.



*Note: If screens, grilles or hardware are removed from the window at this time, label them and store them in a protected area.*

- D. **Remove the sill adapter for existing sills that slope less than 13 degrees.** For existing sills that slope 13 degrees or more, fully extend the adjustable sill adapter.

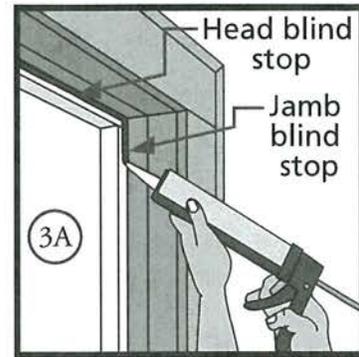
*Note: Usage of the sill adapter with existing sill angles less than 13 degrees may cause bowed (humped) sills, resulting in screen fit issues.*



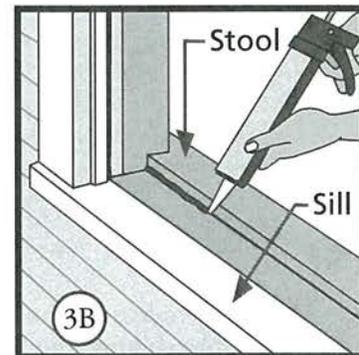
- E. **Test fit the window.** The window should be approximately 1/2" smaller than the opening in both width and height. Check to ensure the window rests against the exterior blind stops and will make contact with the sealant applied in steps 3 A, B and C. If the sill adapter is present, verify it is extended to meet the existing sill. Verify that the installation screws will fasten into solid wood. If not, repair the existing frame to insure there is solid wood at installation screw locations.

### 3 SEALING AND FASTENING THE WINDOW

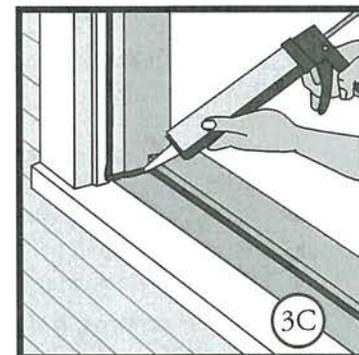
- A. Apply a 3/8" continuous bead of sealant to the interior face of the existing blind stops at the head and both jambs.



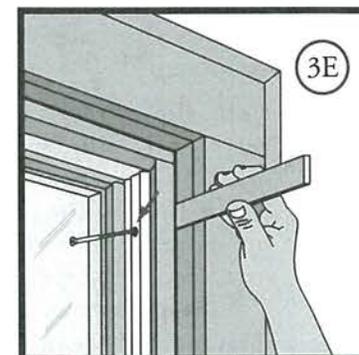
- B. Place a bead of sealant where the existing stool meets the existing frame sill and jambs.



- C. Place a bead of sealant where the jamb and sill meet.  
D. Insert the window into the opening. Set the bottom of the window in first and tilt the top into place. Make sure the window is centered in the opening and is pressed firmly against the exterior blind stops.



- E. Place a shim at each of the top corners in line with the pre-punched holes, and partially insert 2-1/2" screws (provided). This will hold the window in place while shimming it plumb and square. Trim shims back so they recessed back 1/4" - 1/2" from the interior face of the window frame.



### 3 SEALING AND FASTENING THE WINDOW (CONTINUED)

- F. Place shims approximately 5" up from the bottom of window to plumb and square the window. Check for squareness by making sure the diagonal measurement from corner to corner is within 1/16" in both directions. Also place shims in line with the jamb hole near the center of the unit. Trim shims back so they recessed back 1/4" - 1/2" from the interior face of the window frame.

**For windows over 53" tall:** Place two additional shims along each side of the window, evenly spacing them between the top and bottom shims and the midpoint shim.

- G. Check the new sill to confirm it is flat and level using a level or straight edge along the exterior edge of the new sill. If the sill is bowed (humped) screen fit issues may result.

**Note: To Resolve Sill Bow (hump):**

- Push Down on the center of the sill to seat the adjustable sill adapter.
  - Check the shims at the sill for proper location. (See Step 2B).
  - If the sill adapter is touching the existing (old) sill, remove the sill adapter to relieve pressure on the new sill.
- H. Cut the checkrail band at each jamb and remove. Check jambs for straightness by measuring the top, middle and bottom of the frame. Widths should be within 1/16".

**Designer Series only:** After cutting the checkrail band, push the remaining tails of the band into the jambliner hole.

- I. Adjust the screw jacks if required. With a flat blade screwdriver turn clockwise to move the frame toward the sash.

**Architect Series Units:** The jamb jack holes are located in the interior balance channel near the checkrail; the lower sash must be tilted in to adjust the jamb jack.

**Note: If the frame and sash are too tight and are not adjustable using the jamb jacks, the window is over-shimmed.**

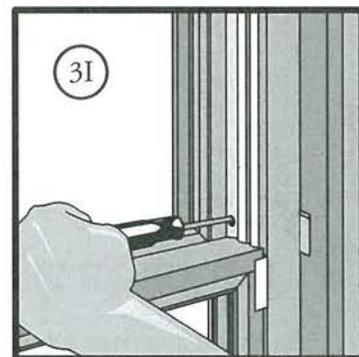
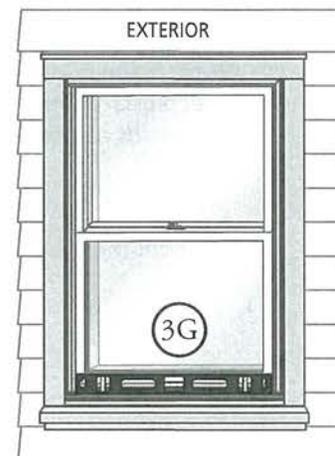
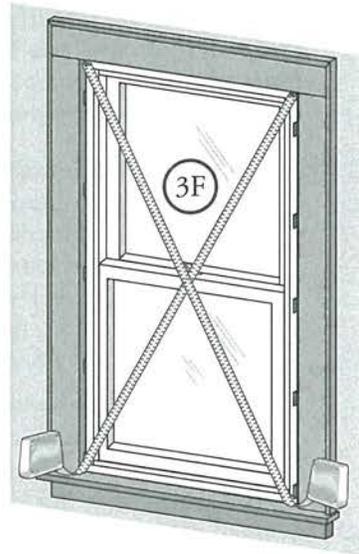
- J. Finish driving the top installation screws through the wood frame jamb, ensuring the head of the screw is flush with the surface of the wood frame to avoid interference with the balance assembly.
- K. Raise the bottom sash to install the lower two installation screws. Drive the installation screws below the surface of the wood frame.

**Architect Series Units:** The lower installation holes are located in the interior balance channel near the sill. These holes are not pre-drilled through the wood frame. Drive the installation screws through the wood frame jamb, ensuring the head of the screw is below the surface of the wood frame to avoid interference with the balance assembly.

- L. Check window operation. Open and close the window a few times to check for proper operation. Make sure the window will tilt correctly.

**Designer Series Only:** After adjustments are completed, install plastic plugs in the jamb liner holes.

**Note: If there are any problems with the operation of the window, recheck the shim locations and adjust for plumb and square.**

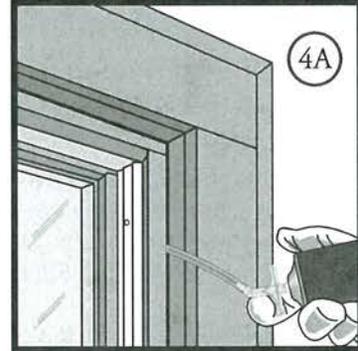


## 4 INTERIOR SEAL

**Caution:** Ensure use of low pressure polyurethane window and door insulating foams and strictly follow the foam manufacturer's recommendations for application. Use of high pressure foams or improper application of the foam may cause the window frame to bow and hinder operation.

- A. **Apply insulation foam.** From the interior, insert the nozzle of the applicator approximately 1" deep into the space between the window and the rough opening and apply a 1" deep bead of foam. This will allow room for expansion of the foam and will minimize squeeze out. Apply sealant across the interior surface of the shims to create a continuous seal. Follow foam manufacturer's instructions.

**Note:** It may be necessary to squeeze the end of the tube with pliers to be able to insert into the space between the new and existing window frame. **DO NOT** completely fill the space from the back of the blind stops to the interior face of the opening.



- B. **Check window operation** by opening and closing the window.

**Note:** If the window does not operate correctly, check to make sure it is still plumb, level, square and that the sides are not bowed. If adjustments are required, remove the foam with a serrated knife. Adjust the shims, and reapply the insulating foam sealant.

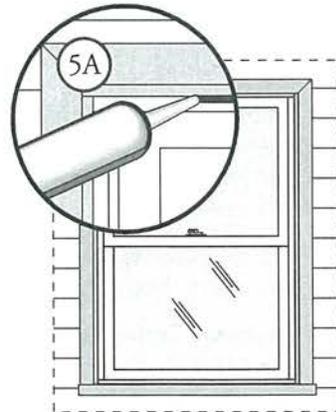
- C. **Inspect the foam after it has cured.** Fill any voids with foam prior to installing interior trim.  
D. **Reinstall the existing interior sash stops** or new trim as desired.

## 5 EXTERIOR SEAL

- A. **Place a corner bead of sealant at the jambs and head** connecting the existing frame and the replacement window frame.

**Caution:** **DO NOT** seal the bottom exterior to allow for incidental water to weep.

- B. **Check to ensure the sill adapter is properly seated.** If the window sill appears humped in the center, carefully push sill down to straighten.



## INTERIOR FINISH

If products cannot be finished immediately, cover with clear plastic to protect from dirt, damage and moisture. Remove any construction residue before finishing. Sand all wood surfaces lightly with 180 grit or finer sandpaper. **DO NOT** use steel wool. **BE CAREFUL NOT TO SCRATCH THE GLASS.** Remove sanding dust.

Pella products must be finished per the below instruction; failure to follow these instructions voids the Limited Warranty.

- *On casement and awnings, it is optional to paint, stain or finish the vertical and horizontal sash edges.*
- *On single-hung and double-hung, do not paint, stain or finish the vertical sash edges, any finish on the vertical sash edges may cause the sash to stick; it is optional to paint, stain or finish the horizontal sash edges.*
- *On patio doors, it is optional to paint, stain or finish the vertical and horizontal panel edges.*

**Note:** *To maintain proper product performance do not paint, finish or remove the weather-stripping, mohair dust pads, gaskets or vinyl parts. Air and water leakage will result if these parts are removed. After finishing, allow venting windows and doors to dry completely before closing them.*

Pella Corporation is not responsible for interior paint and stain finish imperfections for any product that is not factory-applied by Pella Corporation. Use of inappropriate finishes, solvents, brickwash, or cleaning chemicals will cause adverse reactions with window and door materials and voids the Limited Warranty.

For additional information on finishing see the Pella Owner's Manual or go to [www.pella.com](http://www.pella.com).

## EXTERIOR FINISH

The exterior frame and sash are protected by aluminum cladding with our tough EnduraClad® or EnduraClad Plus baked-on factory finish that needs no painting. Clean this surface with mild soap and water. Stubborn stains and deposits may be removed with mineral spirits. **DO NOT** use abrasives. **DO NOT** scrape or use tools that might damage the surface.

Use of inappropriate finishes, solvents, brickwash or cleaning chemicals will cause adverse reactions with window and door materials and voids the Limited Warranty.

## CARE AND MAINTENANCE

Care and maintenance information is available in the Pella Owner's Manual. You can obtain an owner's manual by contacting your local Pella retailer. This information is also available on [www.pella.com](http://www.pella.com).

## IMPORTANT NOTICE

Because all construction must anticipate some water infiltration, it is important that the wall system be designed and constructed to properly manage moisture. Pella Corporation is not responsible for claims or damages caused by anticipated and unanticipated water infiltration; deficiencies in building design, construction and maintenance; failure to install Pella products in accordance with Pella's installation instructions; or the use of Pella products in wall systems which do not allow for proper management of moisture within the wall systems. The determination of the suitability of all building components, including the use of Pella products, as well as the design and installation of flashing and sealing systems are the responsibility of the Buyer or User, the architect, contractor, installer, or other construction professional and are not the responsibility of Pella.

Pella products should not be used in barrier wall systems which do not allow for proper management of moisture within the wall systems, such as barrier Exterior Insulation and Finish Systems, (EIFS) (also known as synthetic stucco) or other non-water managed systems. Except in the states of California, New Mexico, Arizona, Nevada, Utah, and Colorado, **Pella makes no warranty of any kind on and assumes no responsibility for Pella windows and doors installed in barrier wall systems. In the states listed above, the installation of Pella Products in barrier wall or similar systems must be in accordance with Pella's installation instructions.**

Product modifications that are not approved by Pella Corporation will void the Limited Warranty.

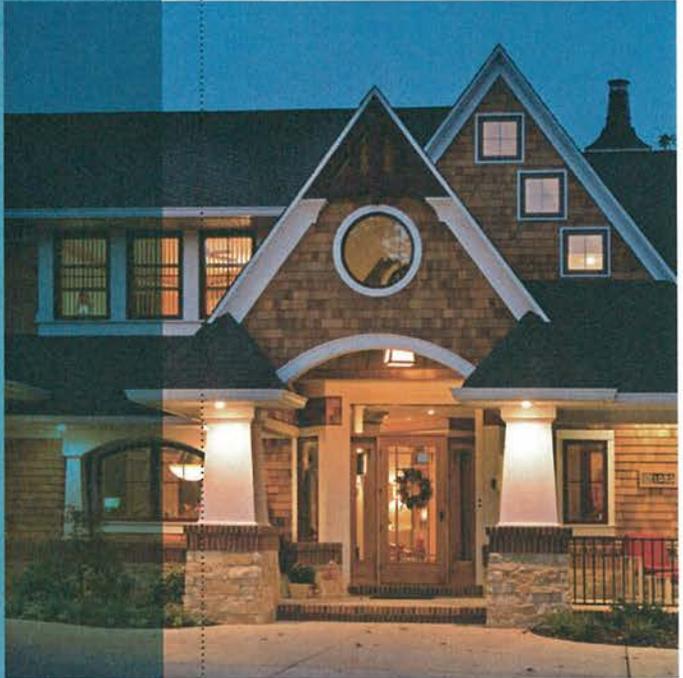
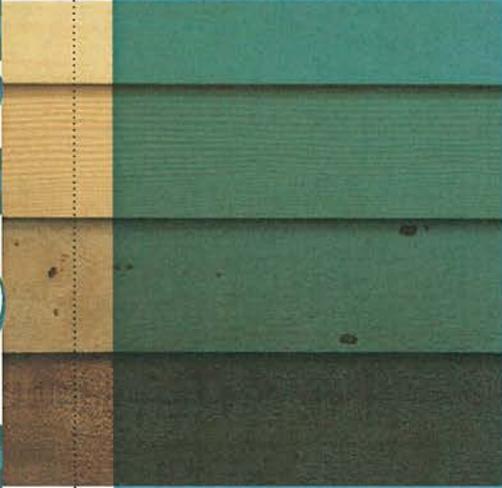
# View

PELLA'S FINEST RENDERING OF  
THE WINDOW-CRAFTING ART.



THE ARCHITECT SERIES® COLLECTION

# FEATURES



## View

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Custom sizes, shapes, colors and grille patterns to indulge your imagination.

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Creating curb appeal with Architect Series wood and premium fiberglass entry doors.

### IMPECCABLY COORDINATED 26 - 31

Choose window and patio door features and options that reflect your home's unique sense of style.

# Luxury...

CRAFTED IN HARMONY WITH YOUR VIEWS. It's the place you long for at the end of the day. Your sanctuary. It's a showplace that you love to share with family and friends. Whatever you view your home to be, Pella® Architect Series® windows and doors are worthy of it. Exquisitely detailed and meticulously crafted, these windows and doors will inspire you with exciting custom possibilities. Virtually any size, shape, color or grille design you can imagine can be yours. So turn the page, sit back and explore how your vision for your home can become your beautiful new view.



# PROFESSIONAL

PASSION FOR ARCHITECT SERIES®

Roy E. Colbert, Architect  
ROY COLBERT ARCHITECTURE  
Ventura, CA

"The Architect Series patio door is at once a handsomely designed profile that is married to a smoothly operating assembly."



Architect Roy Colbert adores Architect Series sliding patio doors. His design tip? They are a great solution where floor space is at a premium – they don't swing into the room like hinged doors do. Roy likes having the choice of narrow panel doors for contemporary homes and the traditional French style panel for Craftsman and Mediterranean-style projects. On the functional side, Roy's favorite thing to point out to clients is that the sliding panel itself is on the exterior to minimize weather intrusion – the harder the wind blows, the tighter the seal against the elements.

Brion Jeannette, Architect, AIA & NCARB  
BRION JEANNETTE ARCHITECTURE, Newport Beach, CA

"Windows and doors contribute to the authenticity of a design inside and out. Architect Series products are very versatile."



Brion Jeannette chose Architect Series products for his own beach home and mountain cabin. He favors their elegant look and unsurpassed design flexibility – especially the fact that his clients can have any color of aluminum cladding on the outside and their choice of woods on the inside that can be stained or painted to complement the home's interior design. More glass means better views, and since Pella's energy efficiency exceeds the strict standards in his area, Brion says Pella Architect Series windows and doors are a win-win.



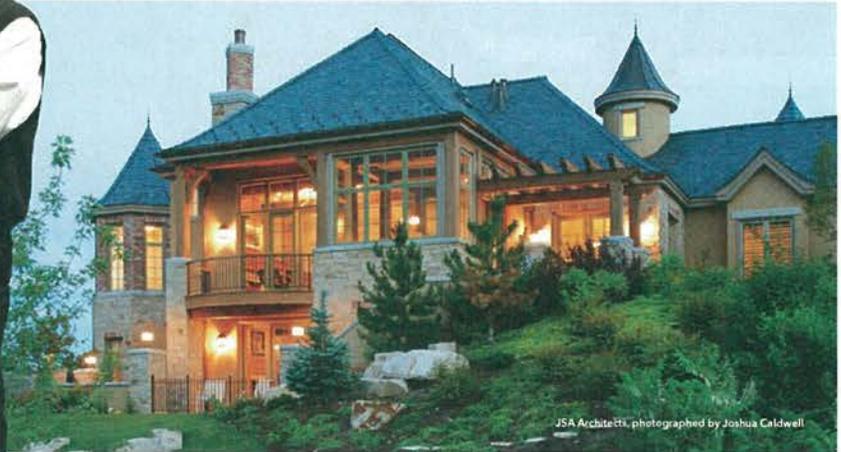
# VIEWS

Architects love the way these stunningly beautiful windows and doors allow them to reach for their highest creative aspirations – and turn any space into a showplace.



Corey Solum, Architect & AIA  
JSA ARCHITECTS, Salt Lake City, UT

“Architect Series® windows are picture frames, like art on the walls, to capture the views.”



When selecting windows for a client's home, Corey Solum is inspired by the natural environment. He believes a home should connect to its site in terms of function, ventilation and how the owners engage with their surroundings. His advice? Stretch as far as you can on the windows. They are one of the most important discretionary choices to make, and they will pay big dividends.



Alan Pickett says that windows are complex creatures – and designing them is never boring. His team has designed everything from a cattail-inspired grille pattern to a window shaped like a violin. Pella's Architectural Services team works alongside the client's architect to ensure the window is not only beautiful, but structurally sound and installed properly. Alan tells homeowners to be creative – and count on Pella's expertise to bring even the most complex design to life.

Alan Pickett, Architect  
PELLA CORPORATION  
Pella, IA

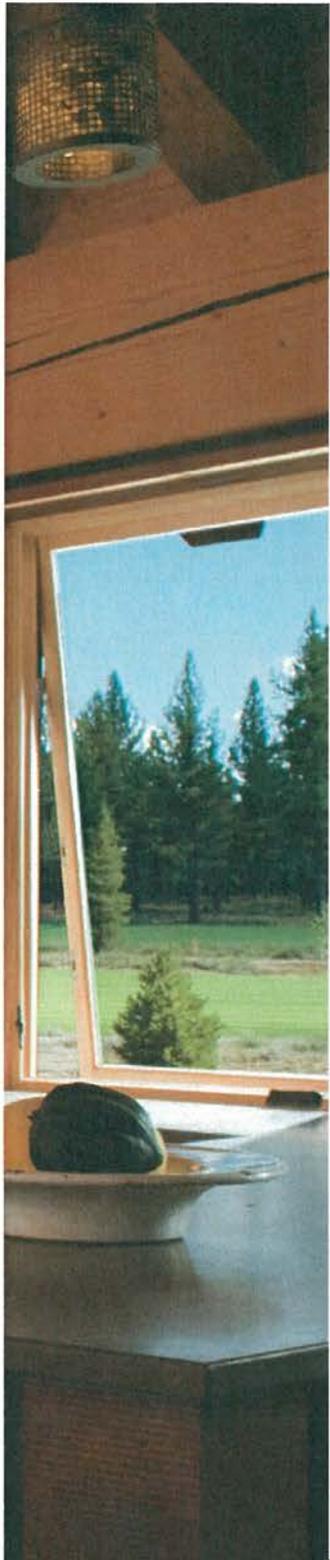
“Architect Series windows can express your personality. Look for inspiration in the objects around you, then let Pella's window-crafting experts make it real.”

# NATURAL BEAUTY

## THE SKY'S THE LIMIT.

An entire wall of custom-sized Architect Series® awning windows blends seamlessly with this home's rustic wood finishes – and turns the landscape into a mural of living art.

NOTE: Fold-away handle is located at the sill only on large awning windows. It is located on the side of standard awning windows. Large awning windows shown.

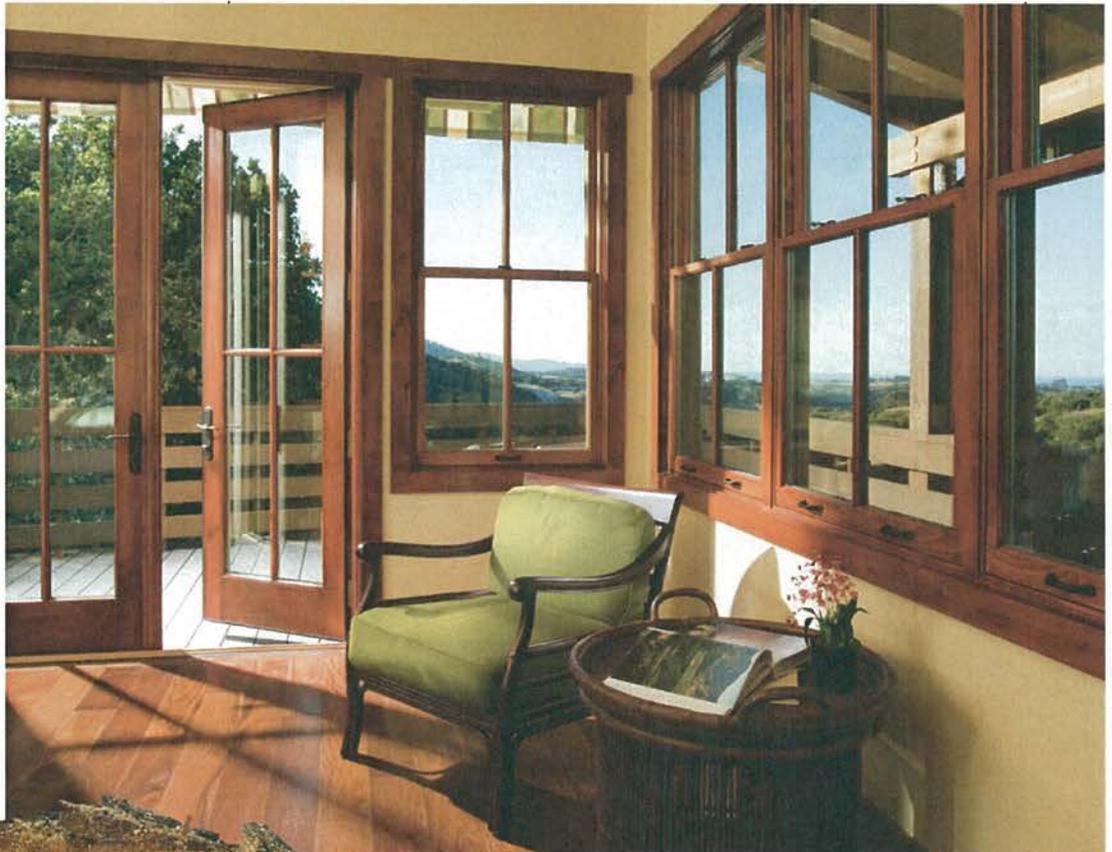


"Nature achieves imperfect  
beauty ... perfectly."

— Anonymous



PELLA BELIEVES NOTHING MAN CAN CREATE RIVALS THE BEAUTY OF WOOD. That's why Pella® wood windows and doors are designed to simply harness the earth's handiwork. No two trees are exactly alike. No two pieces of wood are identical. So all Architect Series® windows and doors are wholly unique. Revel in their exquisite details. And know the windows and doors you've chosen are truly one of a kind.



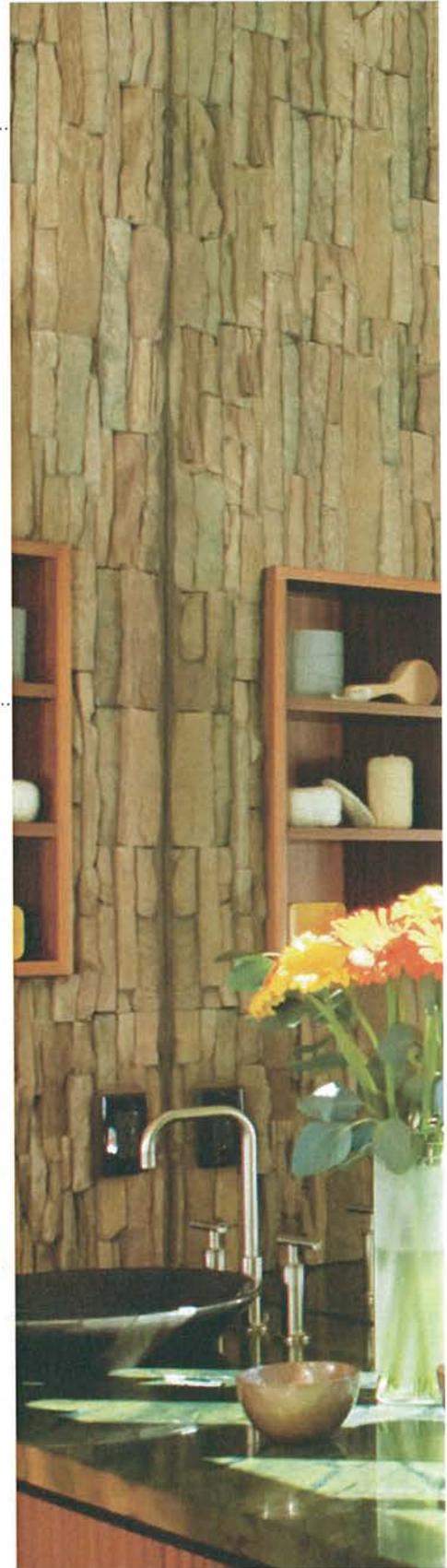
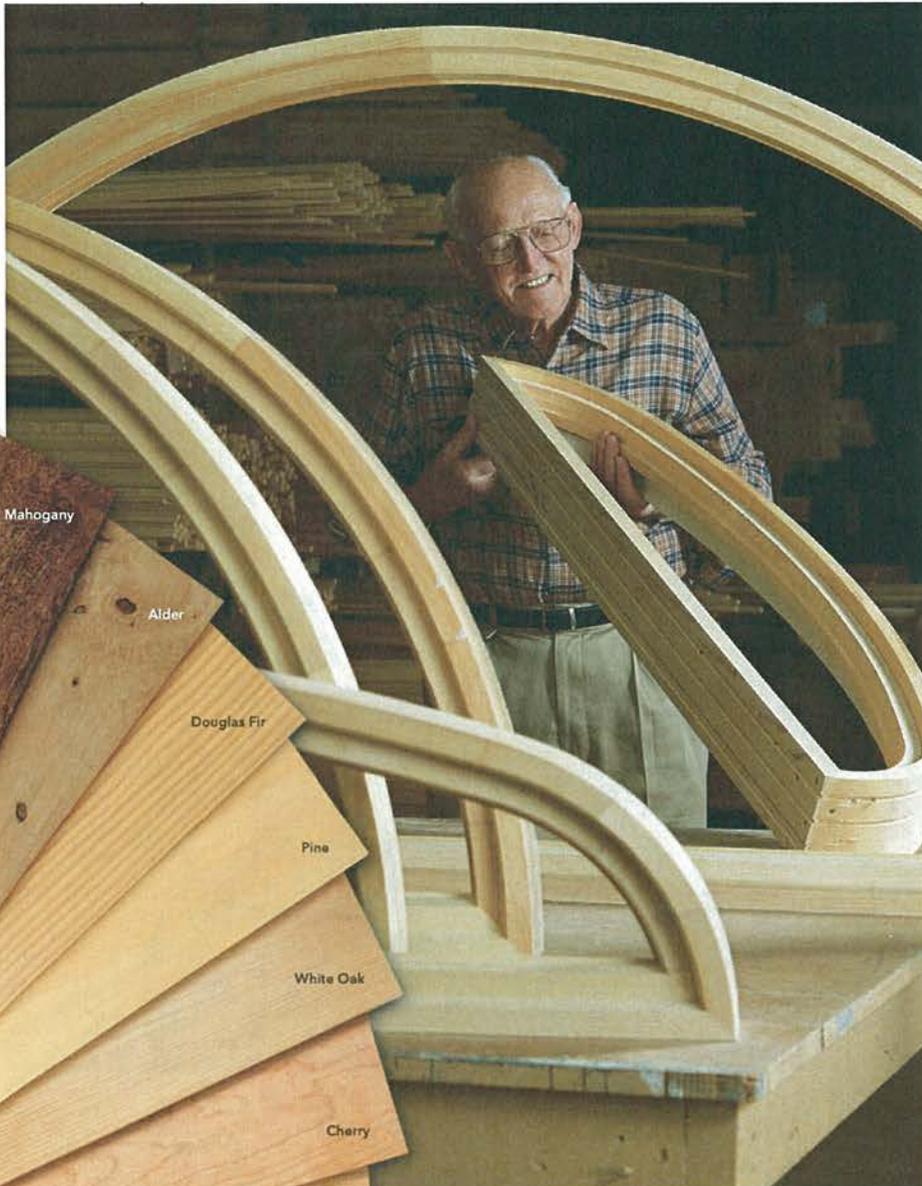
**RESPONSIBLE HARVESTING.**

Wood is the earth's only truly renewable building resource. Pella strives to partner with responsible suppliers that harvest wood from well-managed forests – and shares your passion for protecting our planet.



## Seamless, timeless style.

You love your furniture's intricate detailing and craftsmanship. Your flooring delights you with its color and pattern. Even your kitchen cabinetry is a statement of your personal style. Of course, you'll select your windows and doors with the same discerning eye. That's why Pella offers an impressive collection of woods. Your windows and doors can blend tastefully with your home's architecture and interior finishes.



### EXQUISITE WOOD TYPES.

Mahogany, Alder, Douglas Fir, Pine, White Oak, Cherry, Red Oak or Maple.\*  
Whichever you choose, your windows and patio doors will be naturally appealing and true to your home's architectural design.

\* For more information on wood type availability, contact your local Pella sales representative.



**LASTING BEAUTY.**

The wood we use to create our wood windows and patio doors is treated with our exclusive EnduraGuard® wood protection formula. This provides stronger protection against the effects of moisture, decay, stains from mold and mildew – as well as termite damage.



## It's all about hue.

Not only will your Architect Series® wood windows and doors lend your home a warmth and beauty other materials can't match; Pella's high-quality stained finish is designed to enhance the distinct patterns of the Pine grain – making them a beautiful complement to other wood elements in your home, from floors to furniture.



Natural



Golden Oak



Early American



Provincial



Special Walnut



Cherry



Red Mahogany



Dark Mahogany



### COLOR-COORDINATED.

Architect Series Pine sliding patio doors, prefinished in Early American stain and Oil-Rubbed Bronze hardware, blend seamlessly with this dining room's myriad of wood finishes.

ROCKY MOUNTAIN®  
H A R D W A R E



### Pull it all together.

Make a statement of personal style, and lavish your windows and doors with Rocky Mountain® Hardware. Crafted in solid bronze with hand-applied finishes that develop rich patinas over time, it's like exquisitely crafted fine jewelry for your home. Or you can choose from Pella's own collection of hardware styles and finishes.

### Built like fine furniture.

Look closely. See the historically correct, finely detailed profile? This distinctive detailing adds architectural interest to your home – inside and out. On the grilles, it helps re-create the authentic look of individual windowpanes.



# TIMELINESS AND TRUE

## THE ARCHITECT SERIES® STANDARD MADE-TO-ORDER PRODUCT OFFERING

Larger sizes and unique shapes. Today's most desirable wood types. And Pella's own thoughtful features that make every day a little easier.

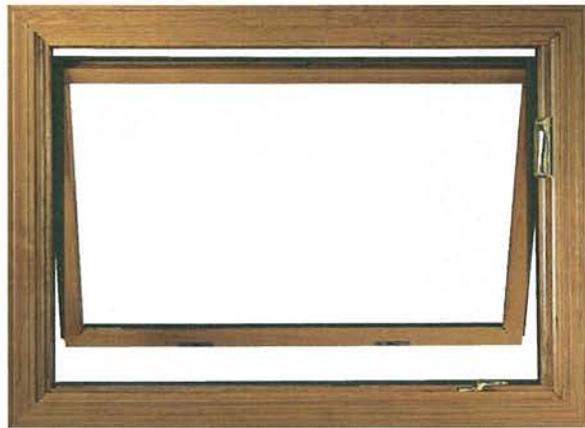


**DÉJÀ VIEW.** Historically correct arch head double-hung window with authentic spoon-style hardware.

**SHOW-STOPPING.** Special Shape window – a focal point in any room.



**CLEARLY A CLASSIC.** Pella® awning window shown with a Vivid View® high-transparency screen¹ lets in more light and airflow and ensures a crisper, clearer view.



**ALL NATURAL.** Casement window shown with a Mahogany wood exterior – appealing for homes whose architectural style or historical period demand authenticity to the finest detail.



**CHARMING FROM EVERY ANGLE.** A bay window, made up of a fixed window with double-hung windows on each side, creates a cozy spot for sitting or displaying decorative accessories.

**CLASSY CHARACTER.**  
Hinged patio door with Oil-Rubbed Bronze<sup>2</sup> hardware – casual elegance.



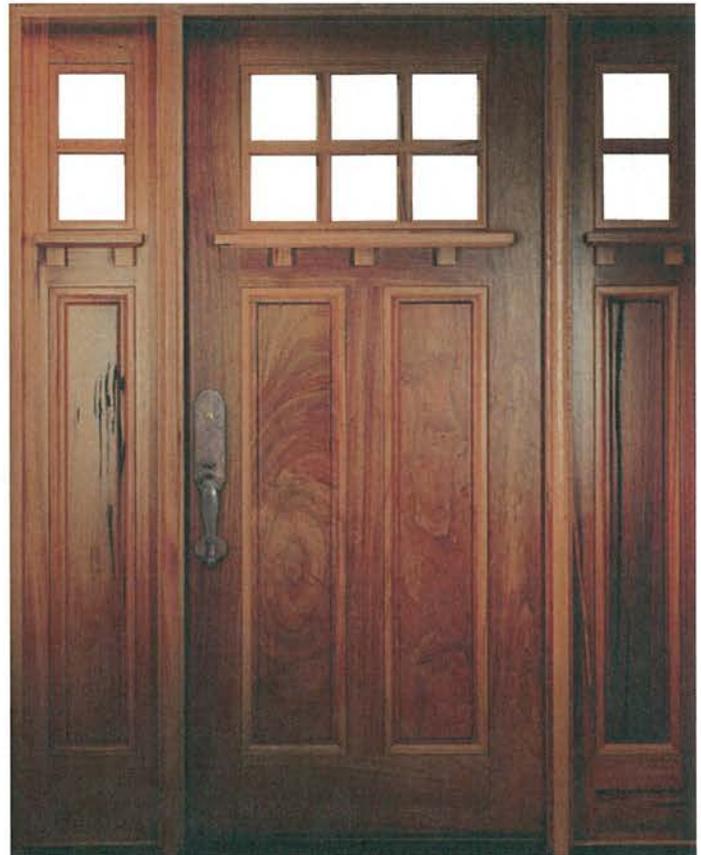
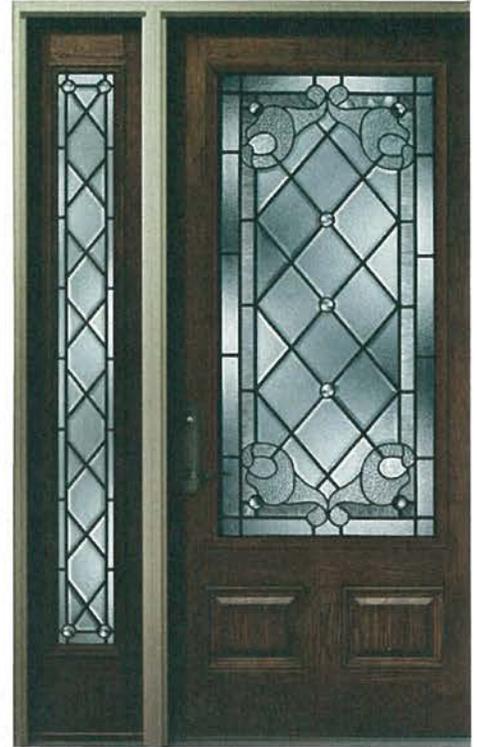
**BRINGS THE OUTDOORS IN.** Bow window with five casement windows featuring our Unison Lock System<sup>3</sup> that locks each window in two places with one easy-to-reach handle.



**STYLE THAT'S EFFORTLESS.** Sliding patio door shown with 9-Lite Prairie grilles and a self-closing screen<sup>1</sup> door.

**SPARKLING PERSONALITY.**

Architect Series<sup>®</sup> premium fiberglass door with the richest, most realistic wood grain in the industry. Shown with Verona decorative glass and matching sidelight.



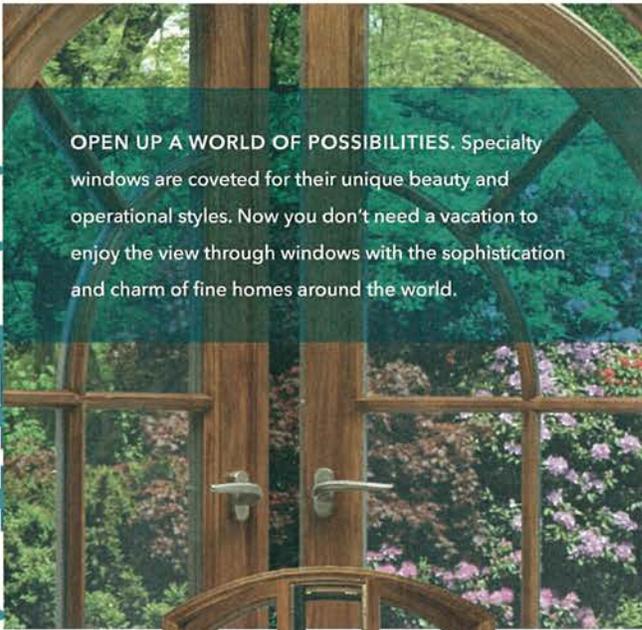
**CRAFTSMAN CURB APPEAL.** Wood entry door shown with historically correct dentil shelf and matching sidelights.

<sup>1</sup> Warning: Use caution when children or pets are around open windows and doors. Screens are not designed to retain children or pets.

<sup>2</sup> Oil-Rubbed Bronze is a living finish that will develop its own unique patina with use.

<sup>3</sup> Unison Lock System is standard on casement windows over 29" tall.

# SPECIALTY VIEW



OPEN UP A WORLD OF POSSIBILITIES. Specialty windows are coveted for their unique beauty and operational styles. Now you don't need a vacation to enjoy the view through windows with the sophistication and charm of fine homes around the world.



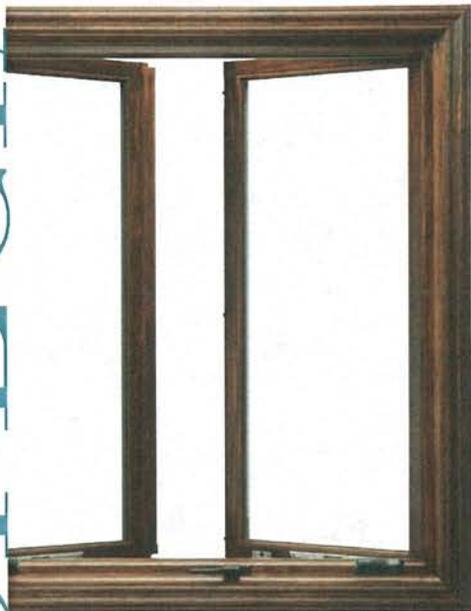
French bliss.  
.....  
**IN-SWING FRENCH CASEMENT**

Have a patio, deck or garden right outside your window? These windows are a superb choice – they pull open into your room, instead of swinging out and getting in the way.



Effortless elegance.  
.....  
**PUSH OUT FRENCH CASEMENT**

Swing the two sashes out, and you'll welcome in maximum light, breeze and view. Historical stays make sure the sashes stay open where you want them.



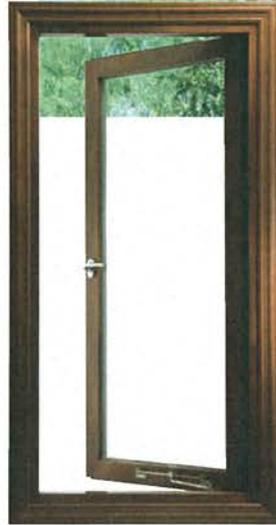
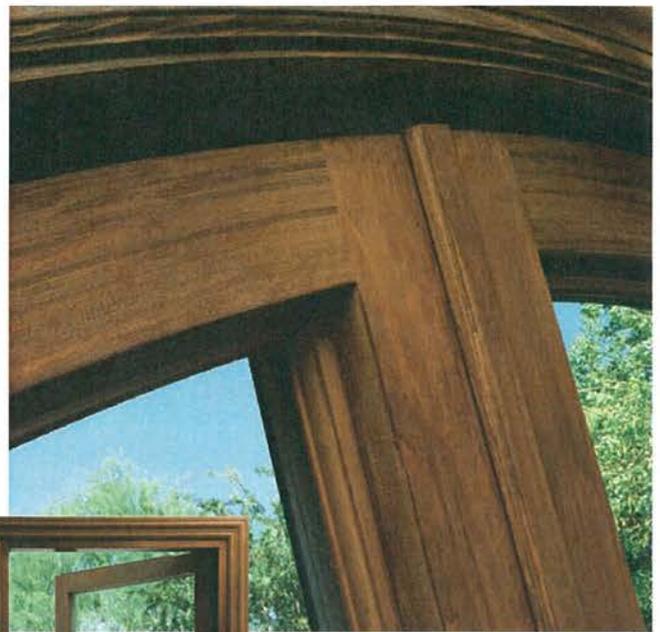
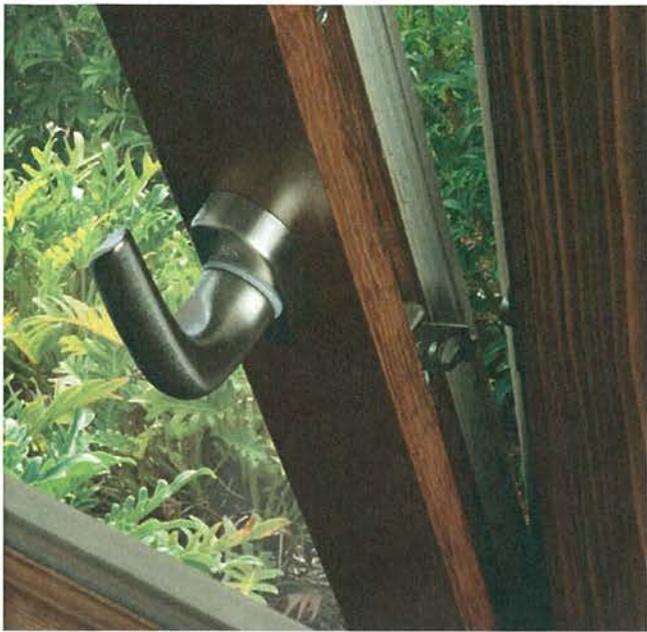
Nothing between you and your view.  
.....  
**FRENCH CASEMENT**

Both of the sashes crank out – so you can enjoy a panoramic view of the outdoors.

A breeze where you need it.  
.....  
**HOPPER WINDOW**

For a historically accurate look, hopper windows are placed above other doors and windows to provide extra light and airflow.





Pushes out to let the breeze in.

**PUSH OUT CASEMENT**

The sash smoothly swings open with a gentle push – there's no crank to turn. A historical stay holds the window open as wide as you want.



Like two windows in one.

**TILT-TURN WINDOW**

Tilt-turn windows offer European styling and dual functionality. The sash opens two ways, giving you ventilation flexibility.

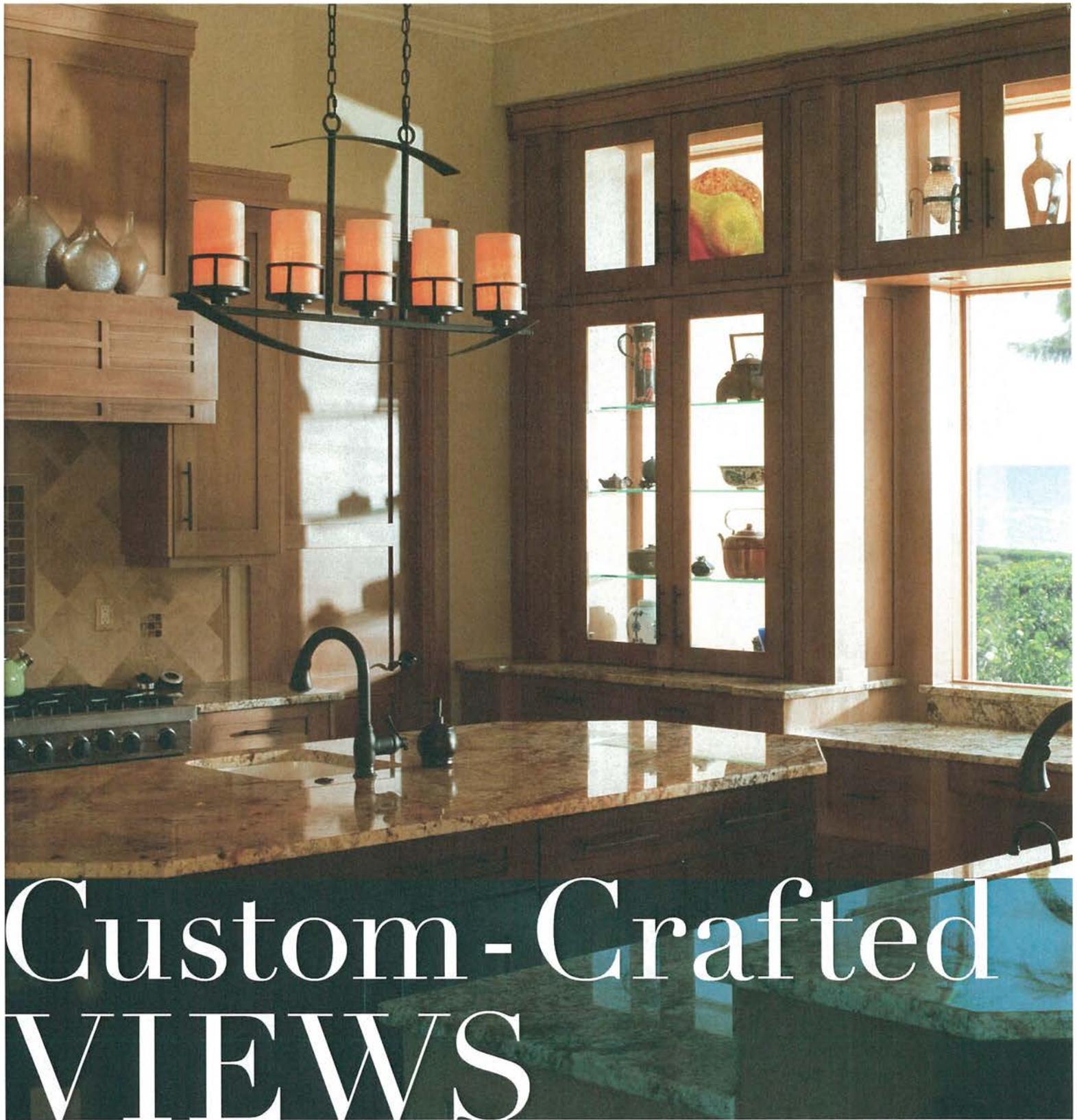


Beautiful and practical.

**IN-SWING CASEMENT**

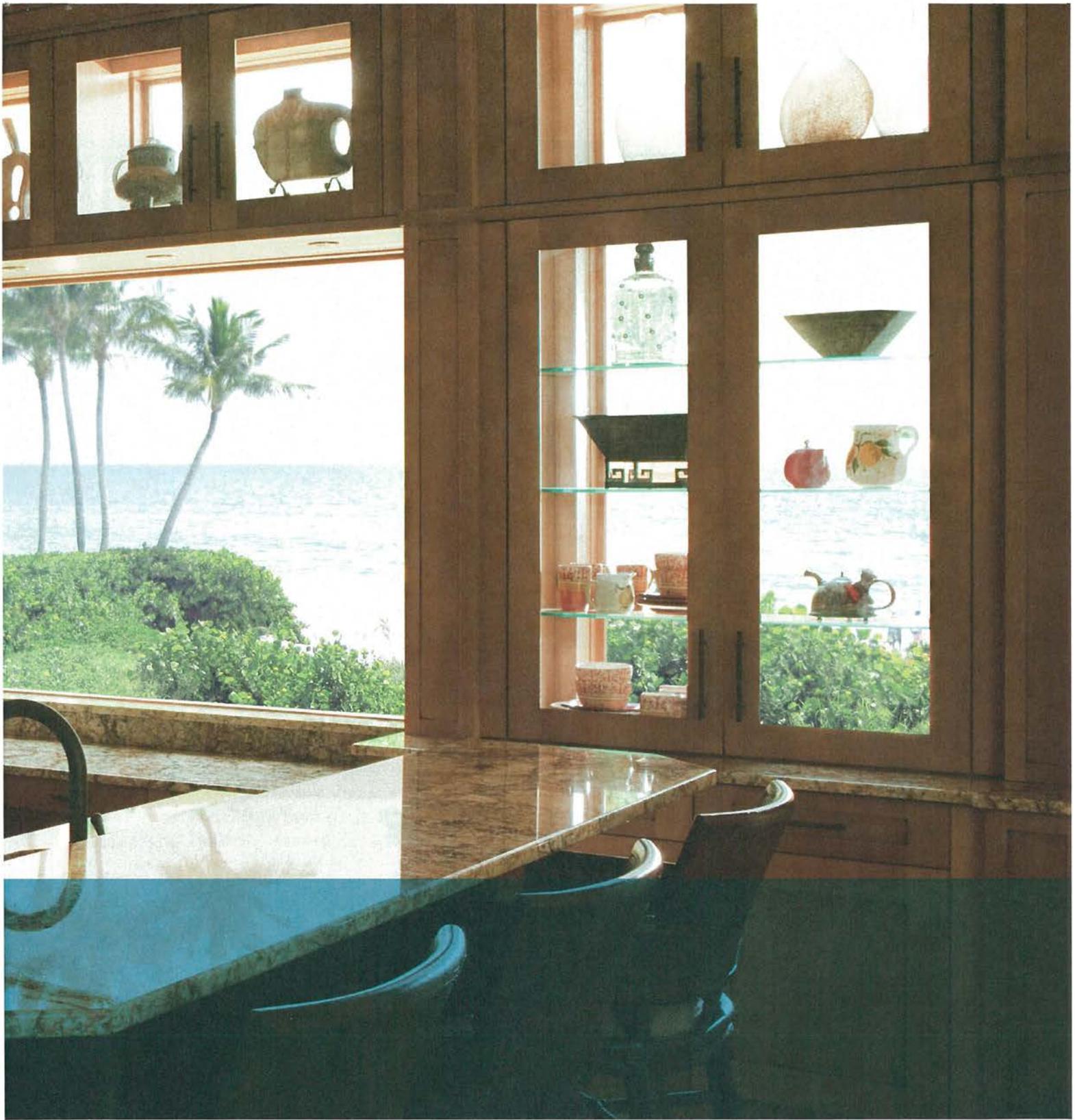
Since it opens into your room instead of out, this window style won't get in the way of a flower box or walkway.





# Custom-Crafted VIEWS

THE LUXURY OF CHOICE.



**WHY CONFORM?** When you choose Architect Series® windows and doors, you'll transform your home. Our finest rendering of the window-crafting art, these exquisitely detailed wood windows and doors let you indulge your imagination with breathtaking custom design possibilities as endless as an ocean view.



## Spectacular shapes and sizes.

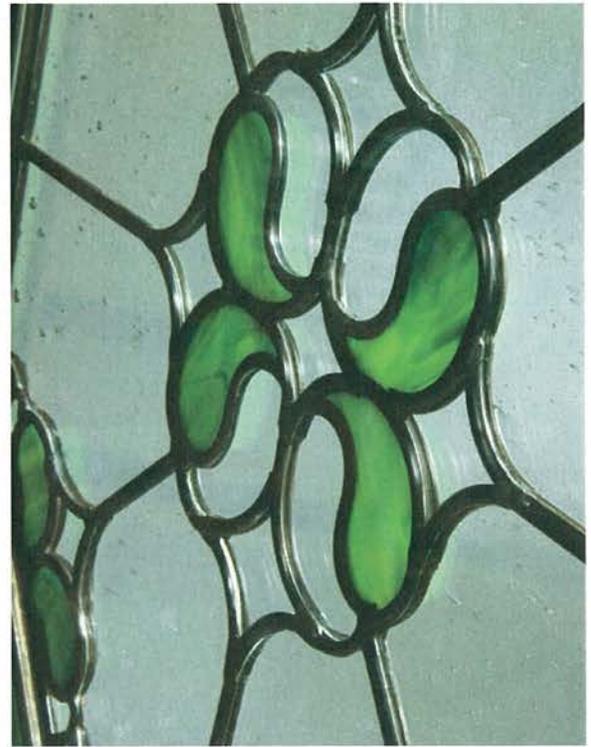
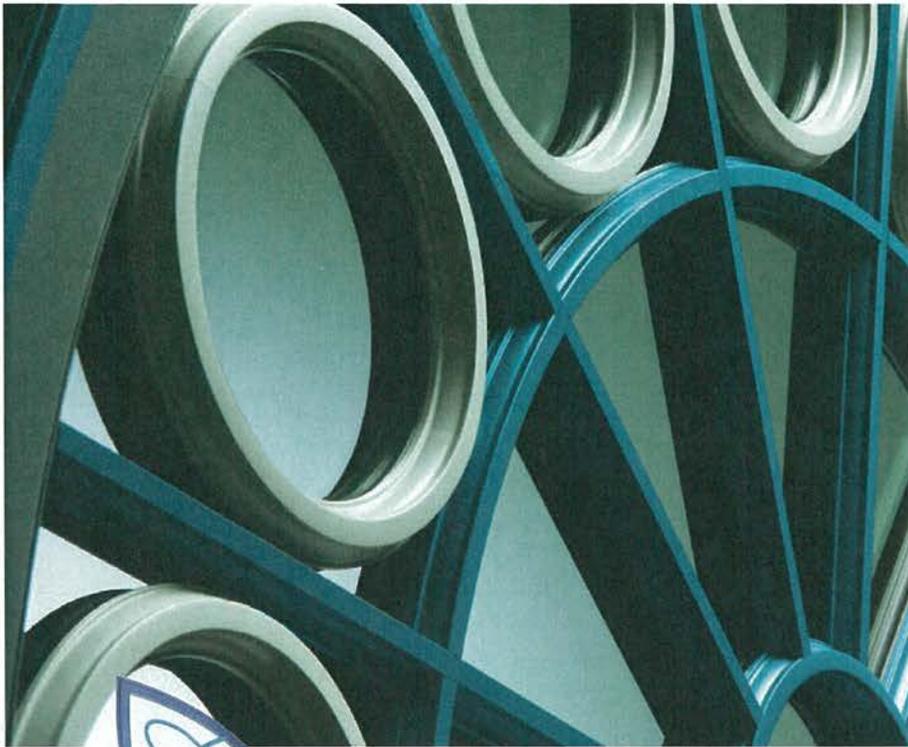
Customize your Architect Series® window or patio door to be virtually any shape and size you want but never knew was possible. Until now. Create a pleasing symmetry by choosing windows or doors with angled or curved frames that mirror the lines of other architectural details in your home. Use Special Shape windows alone or combine them with other Architect Series windows and doors to create a stunning focal point inside your home and out.



## Glorious grilles.

Pella's designers can create a custom grille pattern for the look of individual windowpanes – or you can design one yourself. Many standard grille patterns are also available.





## Countless exterior colors.

The exterior of your Pella® windows and doors will be protected by a low-maintenance EnduraClad® exterior finish, available in virtually endless custom colors. Your Architect Series windows and patio doors can arrive in the exact shade you want to complete your home's exterior design. You can also choose from Pella's 27 standard EnduraClad exterior finish colors.



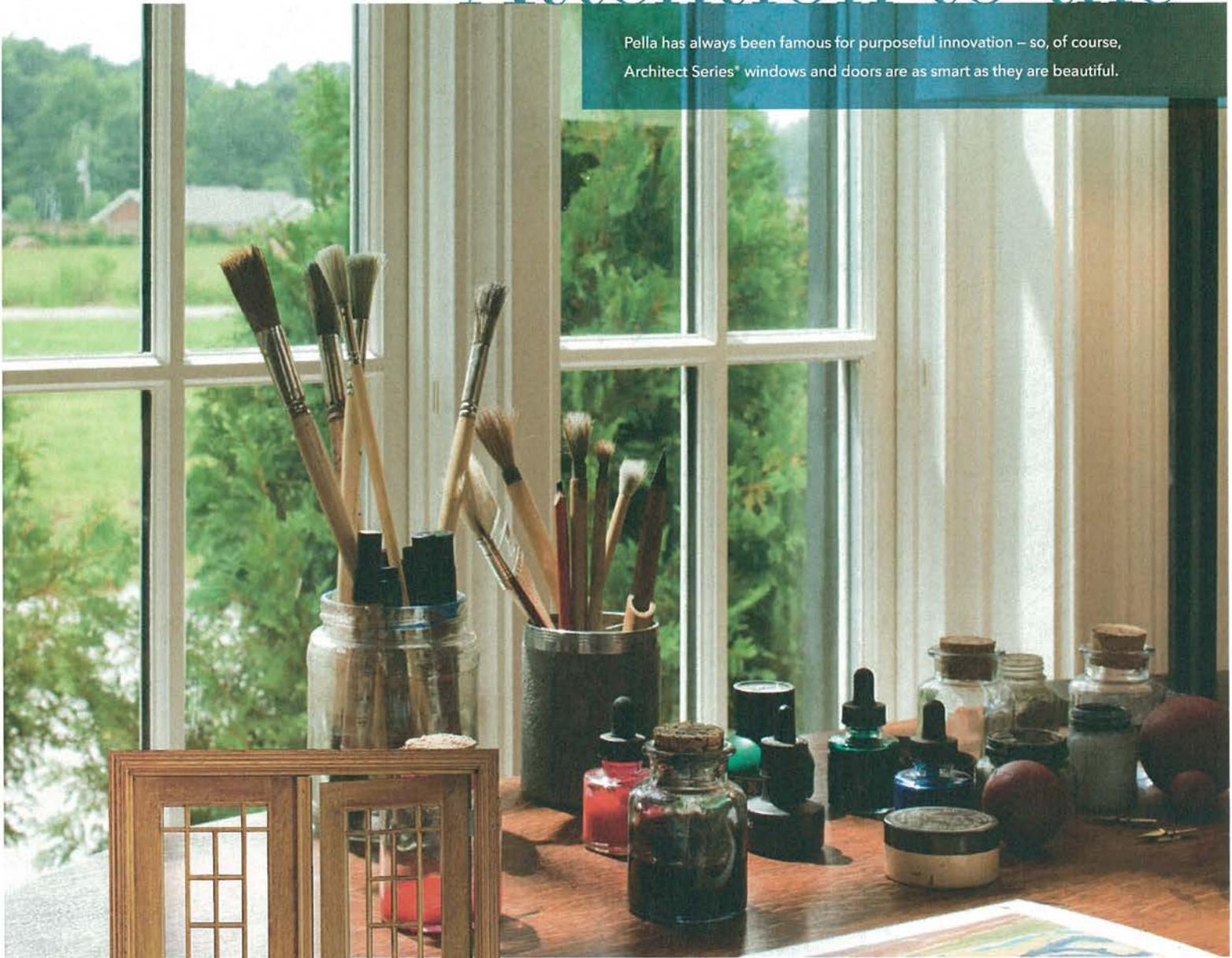
## Gorgeous glass.

Whether you want a unique color, texture or pattern, Pella artisans can create a custom glass solution that's true to the era of your home's design.



# Attention to the

Pella has always been famous for purposeful innovation – so, of course, Architect Series® windows and doors are as smart as they are beautiful.



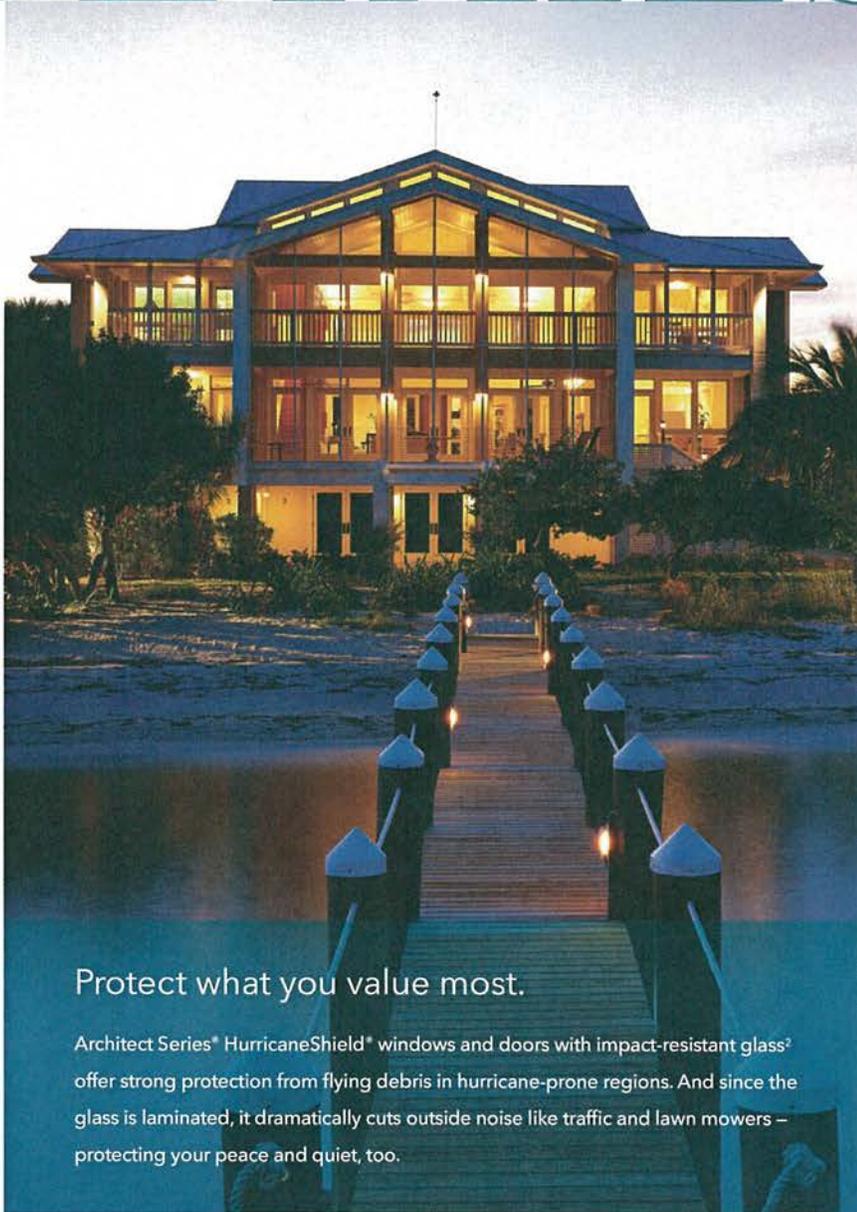
## Is it true divided light ... or isn't it?

Historically, true-divided-light windowpanes were prone to leaks and drafts. That's why Pella invented Integral Light Technology® grilles. Along with Pella's InsulShield® Low-E insulating glass, they create the most authentic look of individual windowpanes while providing exceptional energy efficiency. Here's the secret. Pella places a nonglare spacer between the grilles, inside the insulating glass. This gives the illusion of individual panes of glass better than other manufacturers' metal spacer.

<sup>1</sup> Warning: Use caution when children or pets are around open windows and doors. Screens are not designed to retain children or pets.

<sup>2</sup> Pella's impact-resistant glass in HurricaneShield® products is made up of a sheet of standard or tempered glass combined with a sheet of laminated glass. For best performance, the laminated glass may be in the interior or exterior pane of insulating glass, depending on the product.

# DETAILS



Protect what you value most.

Architect Series® HurricaneShield® windows and doors with impact-resistant glass<sup>2</sup> offer strong protection from flying debris in hurricane-prone regions. And since the glass is laminated, it dramatically cuts outside noise like traffic and lawn mowers – protecting your peace and quiet, too.

Disappears like magic.

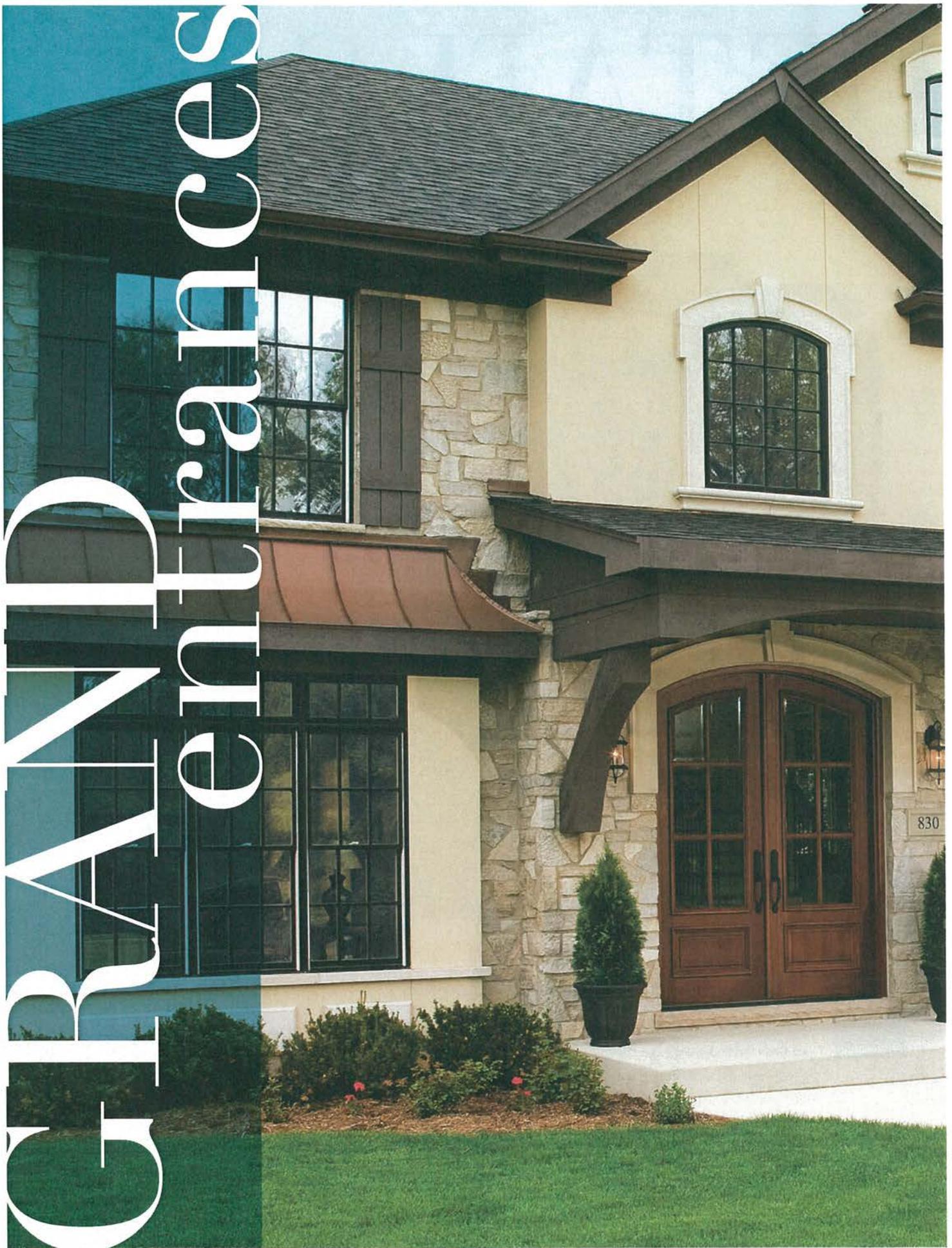
The Roloscreen® retractable screen<sup>1</sup> was introduced by Pella more than 88 years ago and is just as popular today. The screen rolls up and out of sight when you're not using it – allowing more light into your room.



Reduced energy costs. Increased comfort.

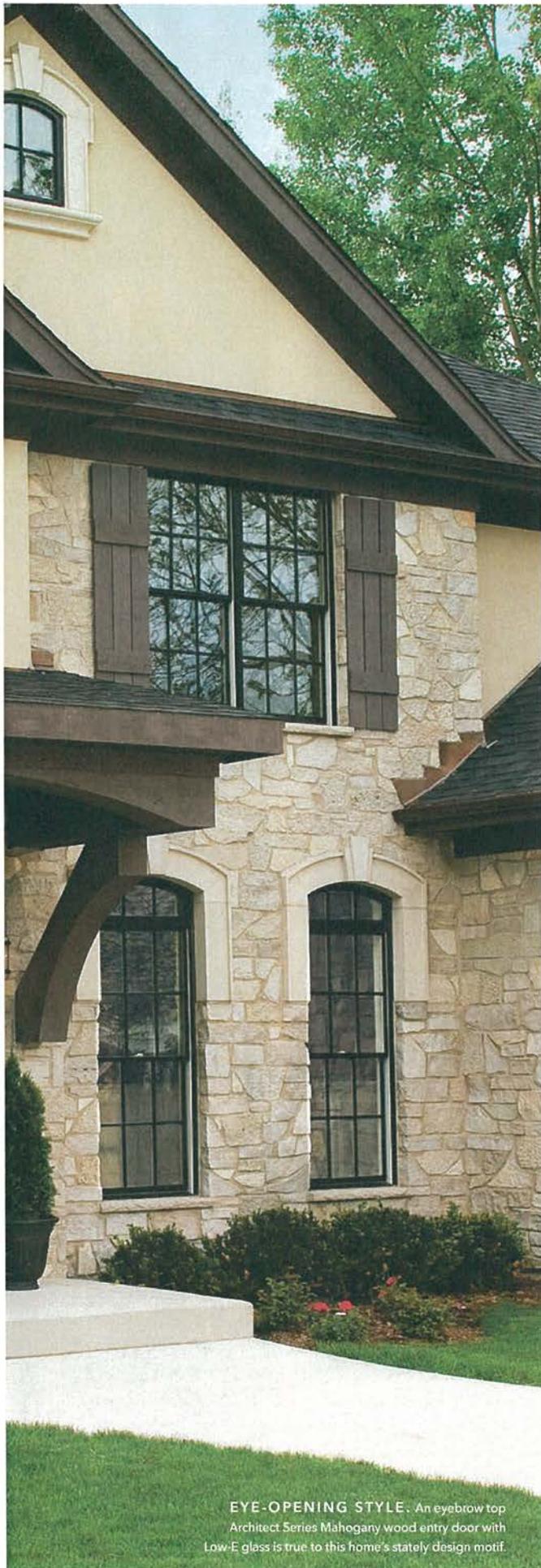
The glass in Architect Series windows and patio doors makes a major difference in your comfort and energy use. Pella's InsulShield® glass collection offers innovative and energy-saving choices designed to help protect your home from blazing sun or extreme cold and everything in between. Gray-, Bronze- or Green-tinted glass; obscure glass; and custom glass options are also available to meet even the most specific needs.





# GRAND Entrances

830



**EYE-OPENING STYLE.** An eyebrow top Architect Series Mahogany wood entry door with Low-E glass is true to this home's stately design motif.



#### WOOD ENTRY DOORS

Beloved for their timeless beauty and unique character.



#### PREMIUM FIBERGLASS ENTRY DOORS

You might mistake them for wood, but their low-maintenance benefits are unmistakably fiberglass.

**YOUR FRONT ENTRY DOOR PLAYS AN IMPORTANT PART IN REFLECTING YOUR HOME'S DESIGN PERSONALITY.** So it's important that it complements the style of the rest of your home. The material, panel style, finish color, shape, glass and hardware of your entry door should visually agree with the architectural style and exterior finishes of your home.

With Architect Series® entry doors, you get the very best – inside and out. Choose the unmatched elegance and historically true quality of a wood entry door. Or a premium fiberglass entry door that offers the most authentic look of wood, exceptional energy efficiency and exceptional protection from drafts and leaks. Both offer virtually endless personal style choices that say "Welcome Home."



### Wide open possibilities.

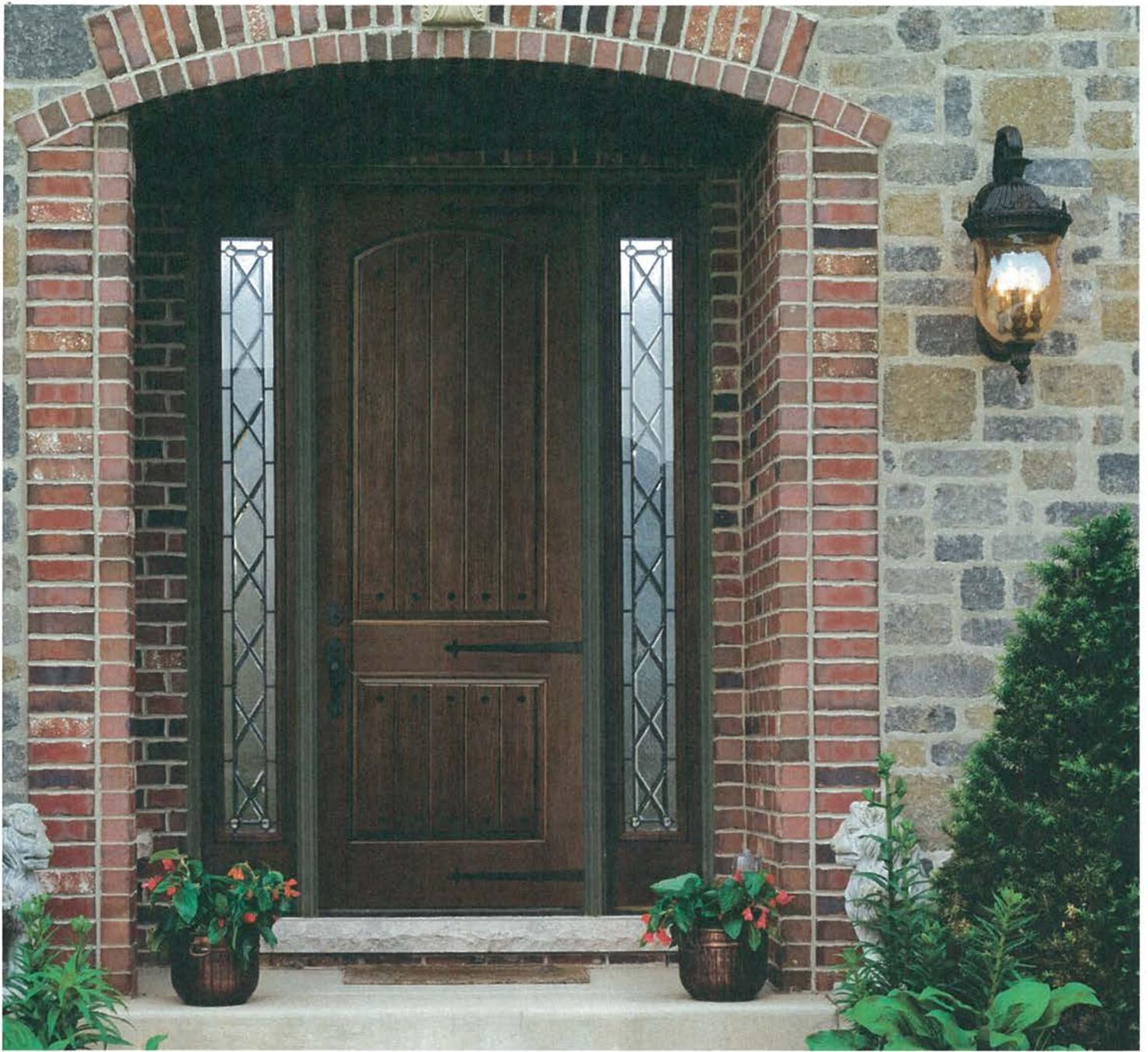
Pella makes it easy for your entry door to make a memorable first impression and increase your home's curb appeal. An impressive array of panel styles, stained finishes, glass types, sidelights, transoms, decorative accessories and hardware choices allow you to personalize your door down to the finest detail.



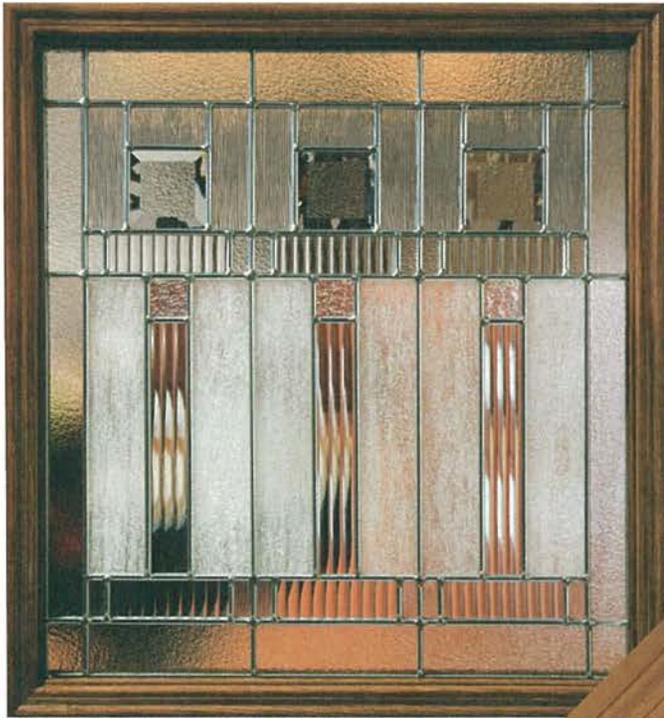
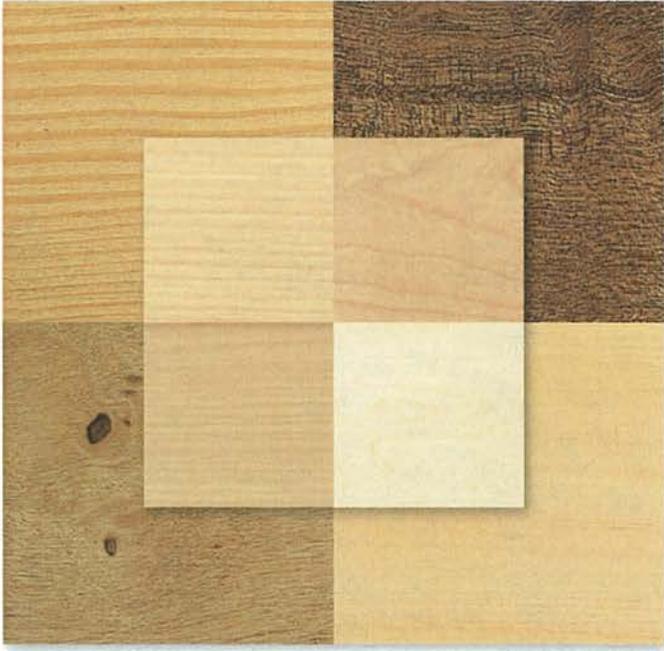
#### A TOUCH OF GLASS.

As with all art, beauty is in the details. And when it comes to Pella's exclusive decorative glass collection, those details start with using unique glass types and textures. Then our artisans create exclusive pattern designs and distinctive coming colors, resulting in decorative glass that delivers a level of elegance unmatched anywhere.

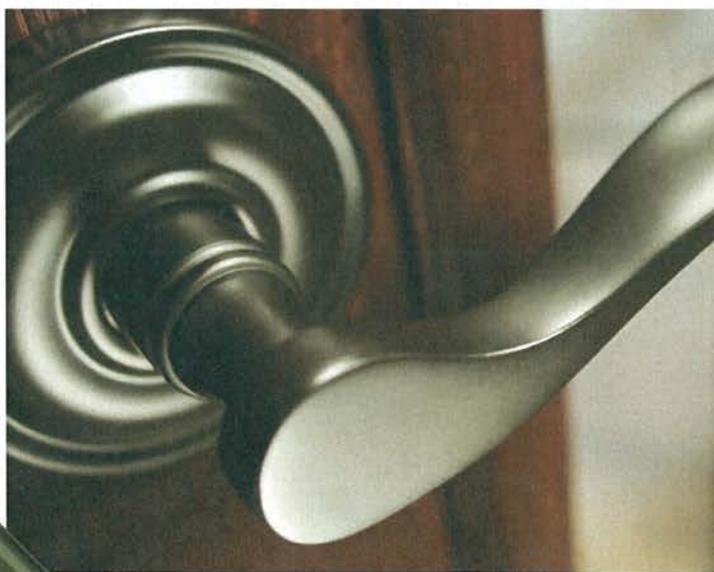
For more detailed information about Architect Series® entry doors, visit your local Pella Window and Door Showroom or [pella.com](http://pella.com).



# IMPECCABLY Coordin



ated



**GREAT DESIGN: TEXTURES, COLORS, SHAPES AND PATTERNS ALL BLENDING TO CREATE A PLEASING SYMMETRY.** When it comes to great home design, windows and doors are such an important part – they are the only architectural elements that affect the beauty of your home on the inside and the outside. That's why Architect Series® products are the choice of those who are passionate about architectural expression.

After all, your home is the place where your most treasured moments are spent. Architect Series windows and doors give you the freedom to create views that will deliver comfort and enjoyment year after year.



## Impeccably Coordinated Windows and Patio Doors

White    Classic White    Vanilla Cream    Poplar White    Almond    Sand Dune    Honeysuckle    Tan    Fossil    Putty    Portobello    Deep Olive    Auburn Brown    French Roast

### ALUMINUM-CLAD EXTERIORS

Pella's low-maintenance EnduraClad® exterior finish resists fading so your windows and patio doors stay looking great for years. Take this beauty and durability one step further with Pella® EnduraClad Plus¹ protective finish that provides exceptional weatherability.



### ENERGY-SAVING GLASS OPTIONS

Architect Series® windows and doors are available with the energy-efficient glass options that meet or exceed ENERGY STAR® guidelines in all 50 states.² Custom glass types are also available.

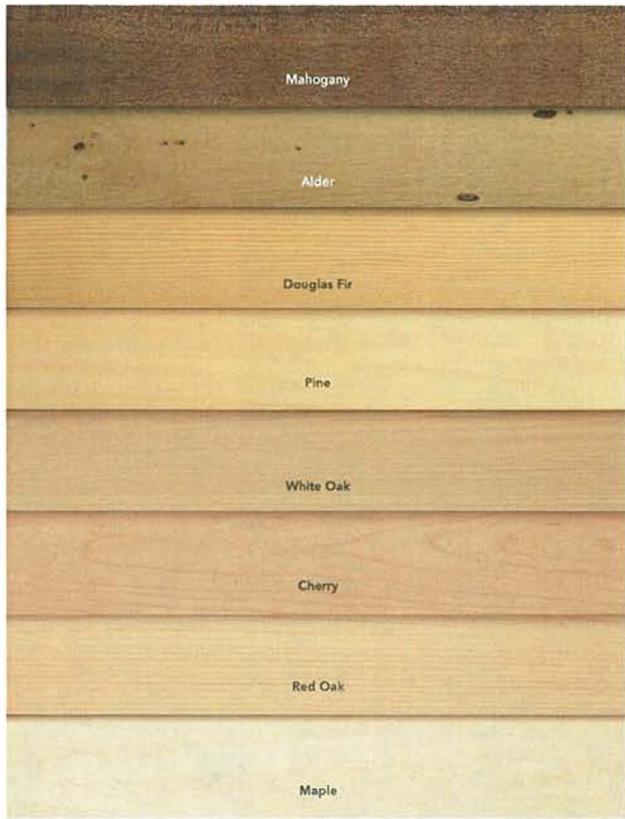
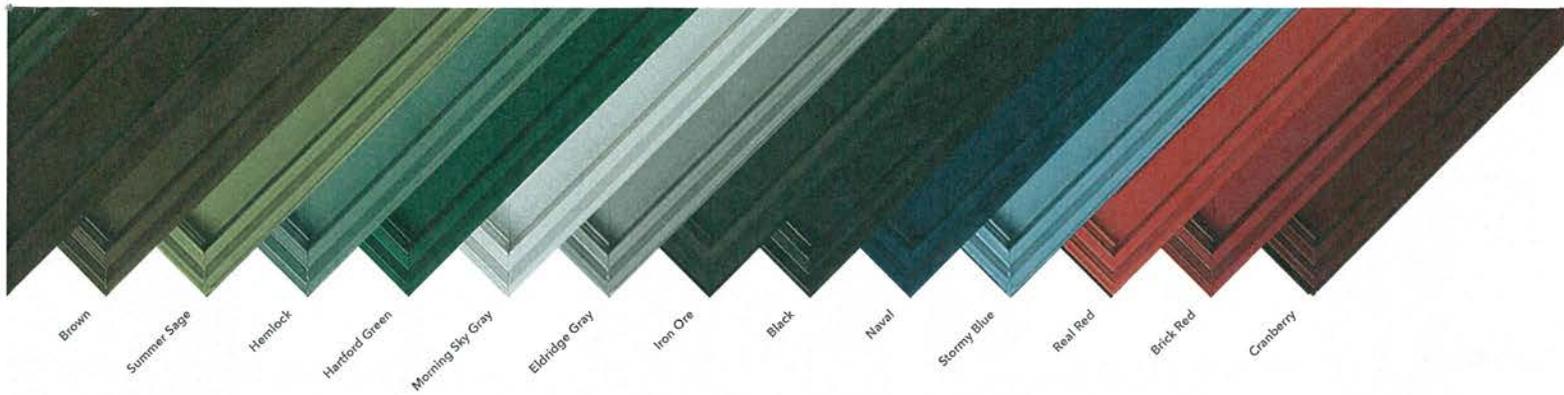


¹ EnduraClad Plus protective finish is not available with all colors. See your local Pella sales representative for availability.  
 ² Some Pella products may not meet ENERGY STAR guidelines in Canada.  
 For more information, contact your local Pella sales representative or go to [energystar.gc.ca](http://energystar.gc.ca).

### PELLA HARDWARE

The quality, beauty and innovation that Pella is famous for are particularly evident in the hardware on Pella windows and patio doors. Rocky Mountain® Hardware is also available, shown on page 11.



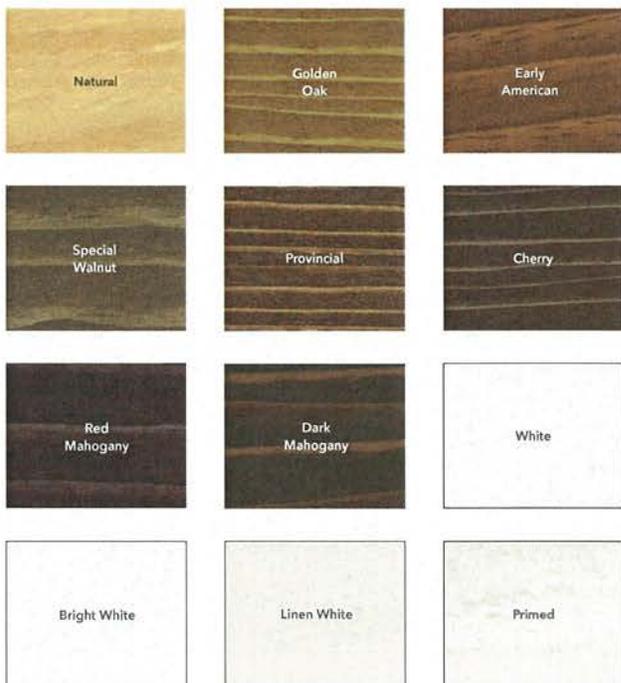


**WOOD TYPES**

Mahogany, Alder, Douglas Fir, Pine, White Oak, Cherry, Red Oak or Maple.<sup>3</sup> Your Architect Series<sup>®</sup> window or patio door can be made from your choice of today's most desirable woods – so they'll tastefully complement your home's other interior finishes.

**PREFINISHED INTERIORS**

Pella's factory finish on the wood interiors of your windows and patio doors gives you instant wow – without any work. Choose a stunning stained finish to complement the color of other wood in your home or one of today's popular shades of white paint for a fresh, bright look.



**PELLA<sup>®</sup> HARDWARE FINISHES**



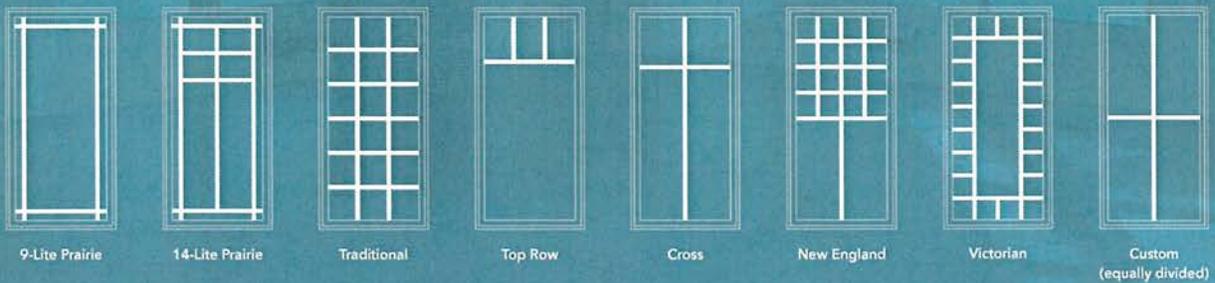
<sup>3</sup> See your local Pella sales representative for availability.  
<sup>4</sup> On hinged patio doors, Endura Hardware Collection offers superior corrosion resistance with a 10-year warranty. See written warranty for complete details at [pella.com/warranty](http://pella.com/warranty).  
<sup>5</sup> Oil-Rubbed Bronze is a living finish that will develop its own unique patina with use.  
<sup>6</sup> Hinged patio doors only.  
 NOTE: Because of printing limitations, actual colors may vary from those shown.

For more detailed information about Architect Series entry doors, visit your local Pella Window and Door Showroom or [pella.com](http://pella.com).



### GRILLE PATTERNS<sup>1</sup>

Pella offers an attractive variety of grille types and unlimited patterns to enhance your home's design. Pella can create a custom grille pattern for you, or you can even design one yourself.



### PERMANENT GRILLES

Integral Light Technology<sup>®</sup> grilles are historically correct but provide modern energy efficiency. They are permanently bonded to the inside and outside of the window with a nonglare spacer in between to create the illusion of individual panes of glass. Or choose grilles-between-the-glass that are permanently sealed between the panes of glass, creating a smooth glass surface that's easier to clean. See the photos shown on the opposite page for the grille interior colors available.



### REMOVABLE ROOMSIDE GRILLES

These roomside wood grilles are easily removed when you need to clean the glass.



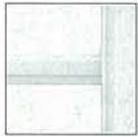


## ENERGY PERFORMANCE

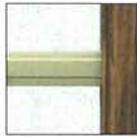
Pella's InsulShield® glass collection offers Pella's most innovative and energy-saving choices – and is designed to meet a variety of specific needs. Whatever your climate, Pella has the glass that's just right for you.

## GRILLES-BETWEEN-THE-GLASS INTERIOR COLORS<sup>3</sup>

Inside your home, you can choose an interior grille color to seamlessly match the window or patio door frame – or you can make a unique design statement by choosing a grille color that contrasts with the frame. Outside, the exterior of your grilles will match the exterior cladding color.



White  
(with White painted window)



Tan<sup>4</sup>  
(with light stained window)



Brown<sup>4</sup>  
(with dark-stained window)



Ivory  
(with Off White painted window)



Harvest  
(with light-stained window)



Cordovan  
(with dark-stained window)



Brickstone  
(with red-tone stained window)



For more detailed information about Architect Series® entry doors, visit your local Pella Window and Door Showroom or [pella.com](http://pella.com).

1 Grille patterns offered may vary per product. See specific product information for availability.  
2 Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.  
3 For specific interior/exterior grille color combinations, see your local Pella sales representative.  
4 Tan and Brown available with matching exterior grille colors only.

## GLASS

### INSULSHIELD® GLASS COLLECTION

Advanced Low-E insulating glass with argon*	•	•
SunDefense™ Low-E insulating glass with argon*		•
NaturalSun Low-E insulating glass with argon*		•

### ADDITIONAL ENERGY-EFFICIENT GLASS OPTIONS

HurricaneShield® impact-resistant glass		•
Laminated glass (non-impact-resistant)		•
Gray-, Bronze- or Green-tinted glass**		•
Obscure glass**		•

\* Optional high-altitude Low-E insulating glass does not contain argon except with casement and awning windows.  
\*\* Available with Advanced Low-E insulating glass with argon on select products.

## INTERIORS

### WOOD TYPES

Pine*		•
Mahogany, Alder, Douglas Fir, White Oak, Cherry, Red Oak or Maple**		•

### INTERIOR FINISHES

Unfinished Pine (ready for site finishing)		•
Unfinished Mahogany, Alder, Douglas Fir, White Oak, Cherry, Red Oak or Maple**		•
Prefinished stains and paints (Pine)		•
Primed (Pine)		•

### INTERIOR TRIM

Colonial, Craftsman, Provincial or Ranch		•
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\* Precision Fit® and monumental double-hung windows available in Pine only.  
\*\* For more information on wood type availability, contact your local Pella sales representative.

## EXTERIORS

### EXTERIOR FINISHES

EnduraClad® protective finish		•
EnduraClad Plus® protective finish		•
Primed** (Mahogany or Pine)		•
Unfinished** (Mahogany)		•

### EXTERIOR TRIM

EnduraClad factory-applied trim		•
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### ENDURA CLAD COLORS

White, Tan or Brown		•
Feature colors (see pages 28 - 29 for color listing)		•
Custom colors***		•

\* EnduraClad Plus is not available with all colors. See your local Pella sales representative for availability.  
\*\* Not available on sliding patio doors.  
\*\*\* Please see your local Pella sales representative for specific details regarding Custom colors.

## HARDWARE

### COLORS/STYLES

Champagne, White or Brown		•
Bright Brass®, Satin Nickel® or Oil-Rubbed Bronze**		•
Antique Brass or Chrome (hinged patio doors only)		•
Rocky Mountain® Hardware (solid bronze)		•

### CRANK/LOCKS/SASH LIFTS

SureLock® System with Unison Lock System (casement and awning windows only)		•
Integrated crank with fold-away handle (casement and awning windows only)		•
Cam-action lock, surface-mounted (double- or single-hung windows only)		•
Historical spoon-style lock (double- or single-hung windows only)		•
Sash lifts*** (double- or single-hung windows only)		•
Multipoint locking system (hinged and sliding patio doors only)		•

\* On hinged patio doors, Endura Hardware Collection offers superior corrosion resistance with a 10-year warranty.  
See written warranty for complete details at [pella.com/warranty](http://pella.com/warranty).  
\*\* Oil-Rubbed Bronze is a living finish that will develop its own unique patina with use.  
\*\*\* Dual sash locks and lifts are standard on large windows.

## EASY-CLEAN

Double-hung, casement and awning windows		•
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## GRILLES\*

### PERMANENT GRILLES

7/8", 1-1/4", 2" or custom Integral Light Technology® grilles (wood roomside and EnduraClad protective finish or wood exterior with nonglare spacer between)		•
3/4" aluminum grilles-between-the-glass** (interior colors: White, Tan***, Brown***, Ivory, Harvest, Cordovan or Brickstone. See your local Pella sales representative for exterior color options.)		•

### REMOVABLE ROOMSIDE WOOD GRILLES

3/4", 1-1/4", 2" or custom grilles (wood roomside only, no exterior)		•
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\* Grille options vary by product.  
\*\* Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.  
\*\*\* Tan and Brown available with matching exterior grille colors only.

## SCREENS\*, \*\*

InView™		•
Vivid View® high-transparency screen		•
Rolscreen® retractable screen (casement windows and sliding patio doors only)		•
Self-closing top-hung screen (sliding patio doors only)		•

\* Screen options vary by product.  
\*\* Warning: Use caution when children or pets are around open windows and doors. Screens are not designed to retain children or pets.



VIEWED TO BE THE BEST.®

Want to learn more about Pella® windows and doors? Call us at 866-209-4260 or visit [pella.com](http://pella.com).



Always read the Pella warranties before purchasing or installing Pella products. See written warranties for complete details, including specific labor and component warranty periods, at [pella.com/warranty](http://pella.com/warranty).



Pella Corporation is a proud volunteer partner in the U.S. Environmental Protection Agency and the Department of Energy's ENERGY STAR® program to promote the use of high-efficiency products.



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