

HISTORIC AND DESIGN REVIEW COMMISSION

April 05, 2017

HDRC CASE NO: 2017-143
COMMON NAME: 1917 N NEW BRAUNFELS
ADDRESS: 1921 N NEW BRAUNFELS AVE
LEGAL DESCRIPTION: NCB 1258 BLK LOT A4 12 THRU 16, & W 60 FT OF 17, 18, 19, 20 & 21
ZONING: C-2 IDZ,UZROW,HS
CITY COUNCIL DIST.: 2
DISTRICT: Government Hill Historic District
LANDMARK: Commercial Building
APPLICANT: Scott Carpenter/Seventh Generation Design, Inc.
OWNER: Government Hill Square Properties, LP
TYPE OF WORK: Replacement of non-original windows with aluminum clad wood windows
REQUEST:

The applicant is requesting a Certificate of Appropriateness to replace the existing, non-original wood windows with new, aluminum clad wood windows.

APPLICABLE CITATIONS:

Historic Design Guidelines, Chapter 2, Guidelines for Exterior Maintenance and Alterations

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.

FINDINGS:

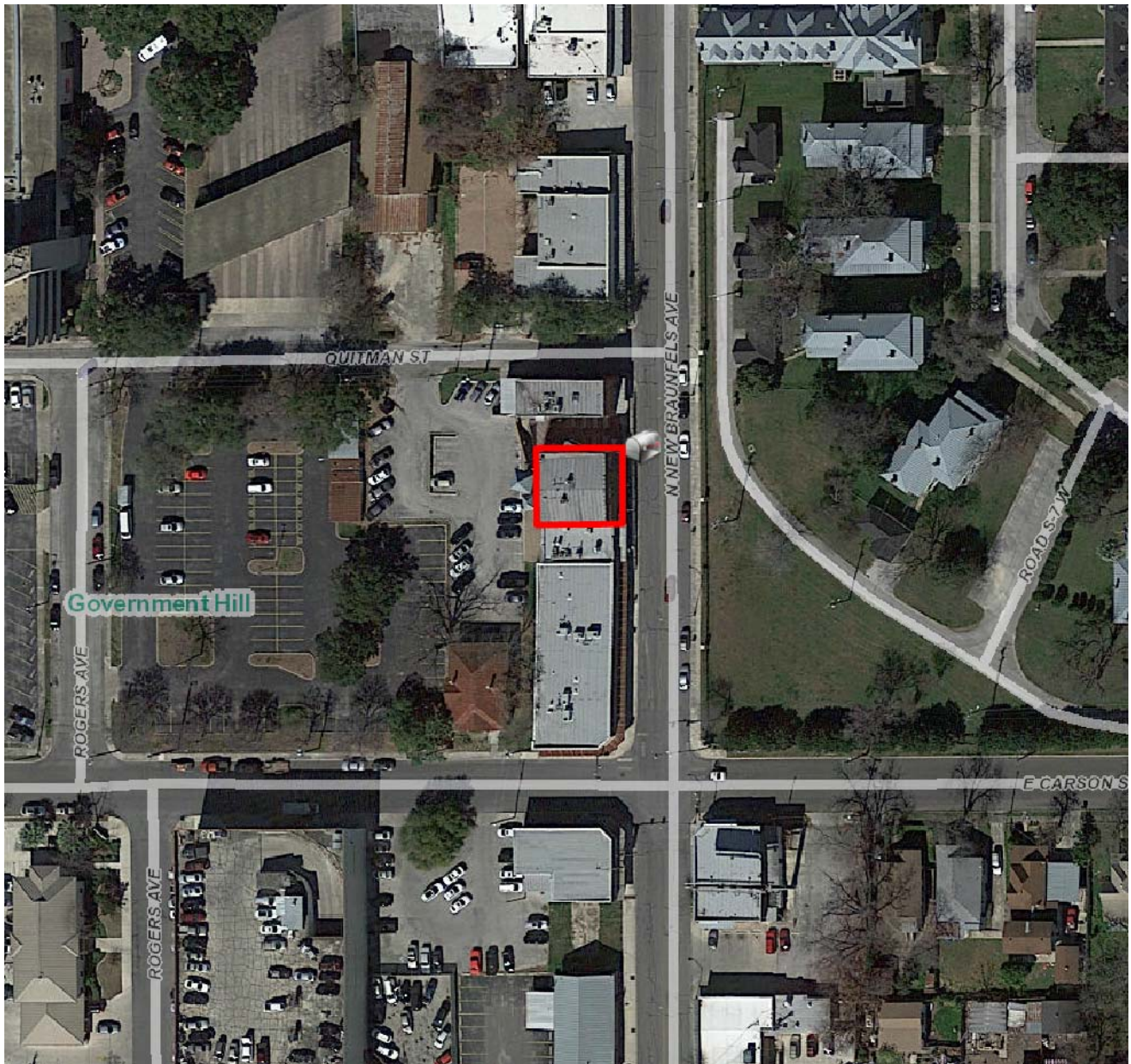
- a. The structure at 1917 N New Braunfels was constructed circa 1920 and features a double height brick façade featuring a brick parapet, storefront windows on the street level, three groupings of three windows featuring a one over one profile, entrance canopies and detailed brick moldings. The historic structure currently features windows and a storefront system that are not original.
- b. The applicant has proposed to replace the existing, windows with new, aluminum clad wood windows that are to feature a similar profile. Per the Guidelines for Exterior Maintenance and Alterations 6.B., new windows that match the historic or existing windows in terms of size, type, configuration, material, form, appearance and detail should be installed. Additionally, non-historic windows should be replaced with windows that are typical of the architectural style of the building.
- c. Staff finds the removal of the existing windows and the installation of wood clad aluminum windows appropriate provided that the details of the new windows are consistent with the existing windows. The new windows should feature a one over one profile, should be operable and should be installed to present a fenestration profile and depth that is consistent with the existing.

RECOMMENDATION:

Staff recommends approval based on findings a through c with the stipulation that the new windows should feature a one over one profile, should be operable and should be installed to present a fenestration profile and depth that is consistent with the existing.

CASE MANAGER:

Edward Hall



Flex Viewer

Powered by ArcGIS Server

Printed: Mar 21, 2017

The City of San Antonio does not guarantee the accuracy, adequacy, completeness or usefulness of any information. The City does not warrant the completeness, timeliness, or positional, thematic, and attribute accuracy of the GIS data. The GIS data, cartographic products, and associated applications are not legal representations of the depicted data. Information shown on these maps is derived from public records that are constantly undergoing revision. Under no circumstances should GIS-derived products be used for final design purposes. The City provides this information on an "as is" basis without warranty of any kind, express or implied, including but not limited to warranties of merchantability or fitness for a particular purpose, and assumes no responsibility for anyone's use of the information.

SOLCHER 1917

PIZZA

SUBS

WINGS

THE DOG

1917

TANK'S
PIZZA
Est. 1917

OPEN

TO GO
223-TANK
(8265)

PASTA

SALADS



Fresh Lunch Buffet

11-1:30 - Monday - Friday

Stone Baked Pizza • Fresh Garden Salad • Pasta Bake

Call for:
• Daily Specials
• Deliveries
• Catering
210-223-TANK





Spofford Ave

Liscum Rd

Rd 32

Atlas Body Shop

\$

SA Youth

Rogers Ave

Rogers Ave

Turning Headz
Barber Studio

Pfluger Associates
Architects

1917 North New
Braunfels Avenue

Betty's Battalion

Fort Sam Houston
Church Of Christ

Ma Harper's
Creole Kitchen

Webster University

N New Braunfels Ave

Rd S-7 S

Rd S-7 W

Infantry Post Rd

E Carson

S 3



Rogers Ave

E Carson

Turning Headz
Barber Studio

Pfluger Associates
Architects

Rogers Ave

Quinman St

1917 North New
Braunfels Avenue

Quinman St

N New Braunfels Ave

Rd S-7 S

Rd S-7 S

Rd S-7 S

1951 SANBORN MAP

187

AV

SPOFFORD

AV (ST)

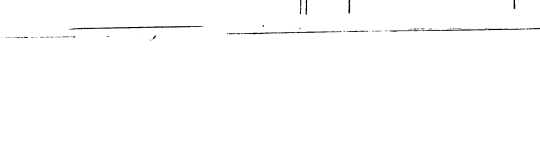
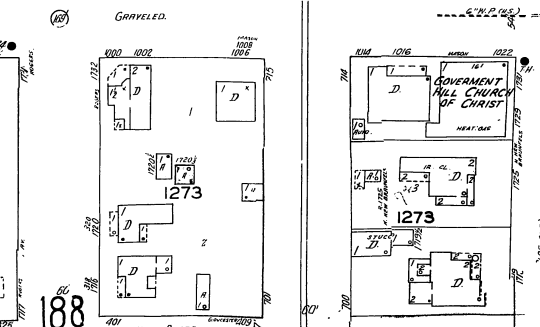
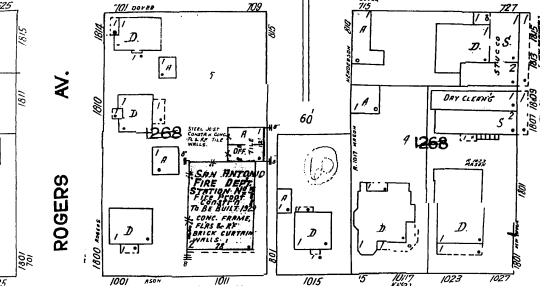
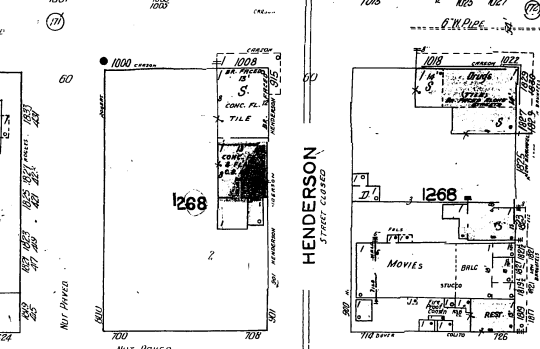
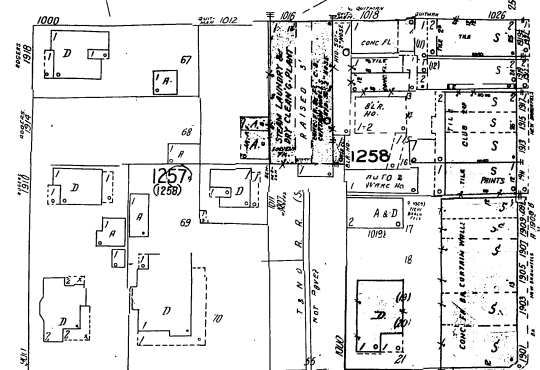
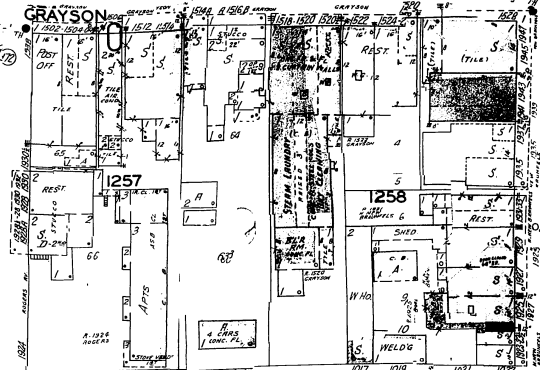
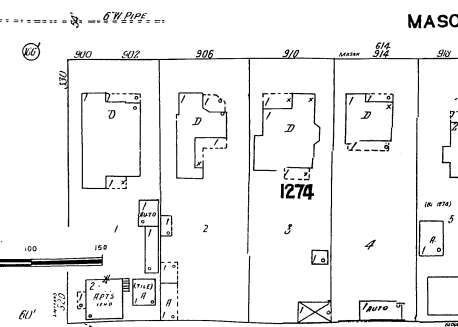
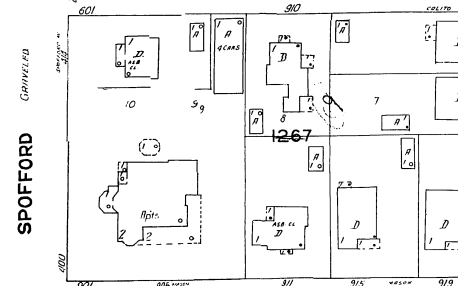
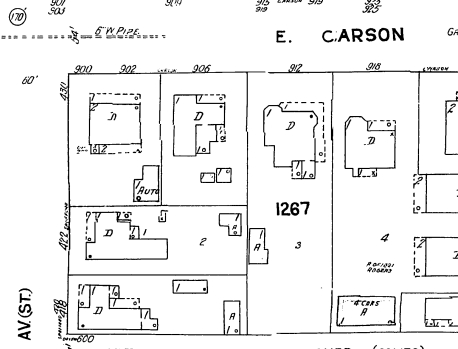
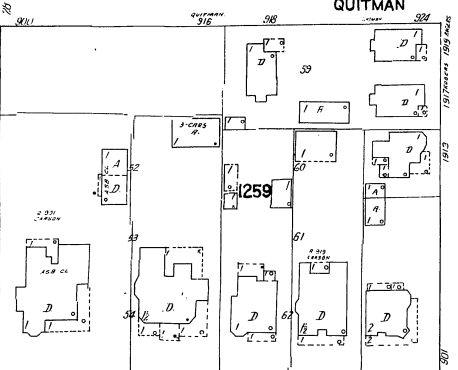
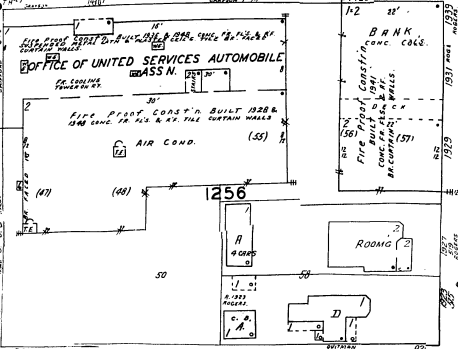
SPOFFORD

AV

AV

AV

AV



1917

N. NEW BRAUNFELS

SANDMEYER ST.

189

FORT SAM HOUSTON



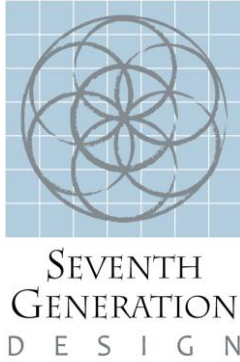
MASON

GLOUCESTER

185

188

Scale of Feet.



March 10, 2017

118 Broadway, Suite 519
San Antonio, Texas 78205

Ms. Shanon Miller, AICP
Director of the Office of Historic Preservation
Development and Business Services Center
1901 South Alamo Street
San Antonio, Texas 78204

**RE: Solcher-1917 Building – Written Narrative for Final Approval for HDRC
Application and Certificate of Appropriateness**

Dear Ms. Miller and OHP Staff Members,

The following summarizes the proposed scope of exterior window replacement for the historic property at 1917 North New Braunfels Ave. for Government Hill Square Properties in San Antonio, Texas. Taking into consideration the existing windows are third to fourth generation replacements, we are seeking Final Approval for replacing the existing non-historic and deteriorated wood windows with Aluminum Clad Wood Windows of similar profile.

PROPOSED TREATMENTS TO HISTORIC PROPERTY:

Replacement

1. Remove existing, deteriorated, non-historic windows at the Front Elevation in the Second Floor Level of the building, and replace with Aluminum-Clad Wood Pella Windows.

Thank you for your kind consideration of our proposed project. Please feel free to contact Pam Carpenter or me should you have any questions or concerns about the proposed project.

Best regards,

Scott Wm. Carpenter, RA, LEED AP
Principal, Seventh Generation Design, Inc.

CC: Kent Niemann, Brad Pluger, PJC

Attachments:

- Completed HDRC Final Approval Application Form
- CDROM with PDFs of Submission Materials
- Architectural Site Plan
- Existing Photographs
- Product Brochure



SOLCHER 1917

TANK'S
PIZZA
EST. 2011

PIZZA

BURGERS

WINGS

TO GO
222-TANK
(8265)

PASTA

SALADS

Fresh Lunch Buffet
11-12 Monday - Friday
Shrimp • Italian Sausage • Chicken • Scallops • Tiramisu • Pesto • Salads

**NOW
HIRING**

917



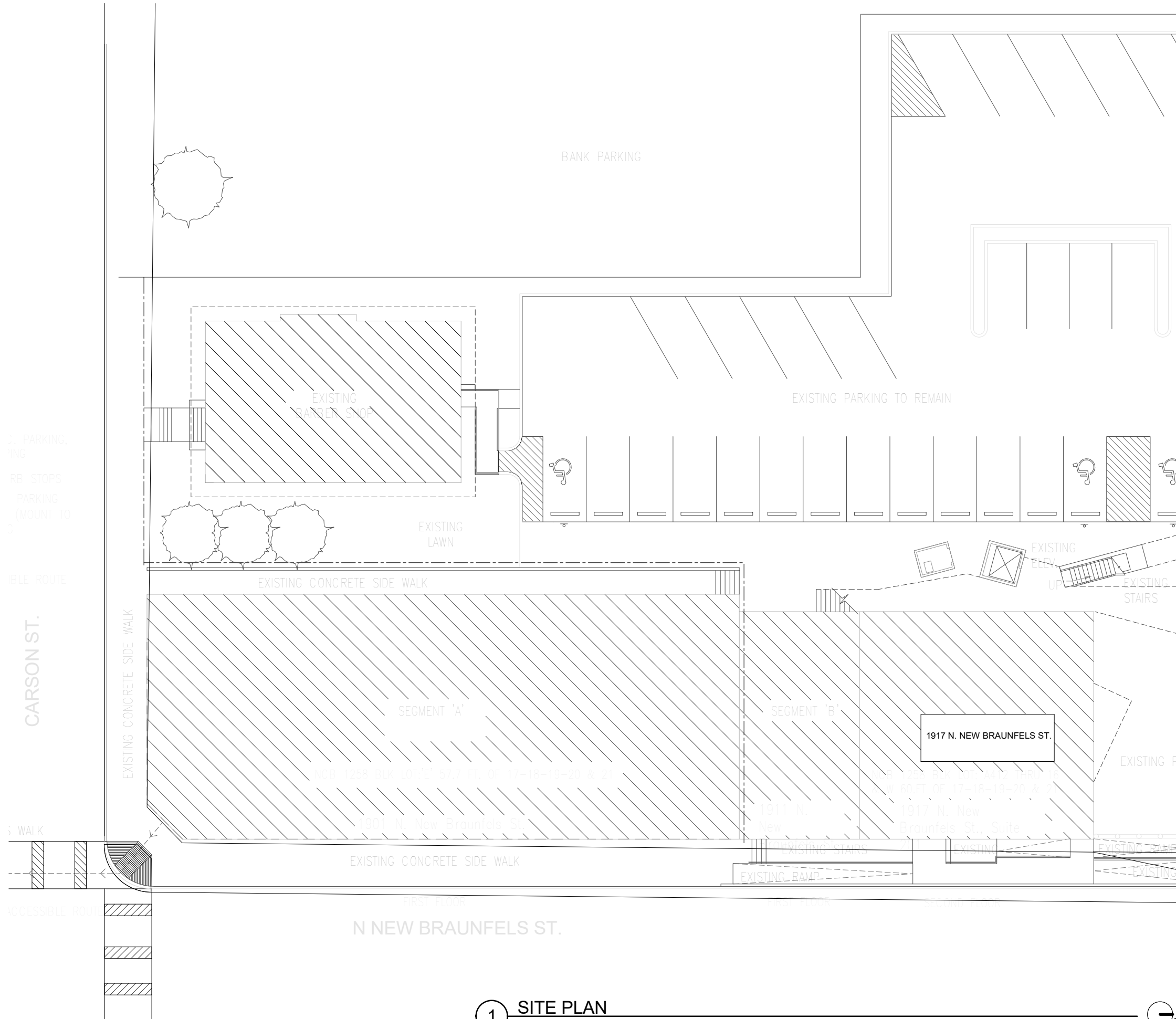
SOLCHER-1917



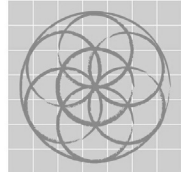
SOLCHER-1917



3/6/2017 11:32:28 AM



1 SITE PLAN
3/32" = 1'-0"



SEVENTH
GENERATION
DESIGN

ARCHITECTURE | SUSTAINABILITY | PRESERVATION

118 Broadway, Suite 519
San Antonio, Texas 78205
TEL (210) 262-6161 TEL (210) 241-7490

SOLCHER-1917
1917 N. NEW BRAUNFELS ST.

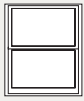
No.	Date	Description
-----	------	-------------

SITE PLAN

Project number	03/10/2017
Date	03/10/2017
Drawn by	
Checked by	

Scale 3/32" = 1'-0"

A2.00



DOUBLE-HUNG

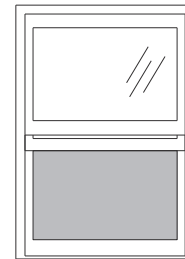
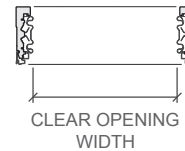
DESIGN DATA

Aluminum-Clad Exterior
Double-Hung



VENT UNITS

Unit	Egress	Clear Opening (Inches)		Vent Area Ft ²	Visible Glass Ft ²	Standard Glass Thickness (mm)		Performance Class & Grade ¹
		Width	Height			Annealed	Tempered	
2135		17-13/16	14-1/4	1.8	3.2	2.5	3	LC50
2141		17-13/16	17-1/4	2.1	3.9	2.5	3	LC50
2147		17-13/16	20-1/4	2.5	4.5	2.5	3	LC50
2153		17-13/16	23-1/4	2.9	5.2	2.5	3	LC50
2157		17-13/16	25-1/4	3.1	5.6	2.5	3	LC40/LC50
2159		17-13/16	26-1/4	3.2	5.9	2.5	3	LC40/LC50
2165		17-13/16	29-1/4	3.6	6.5	2.5	3	LC40/LC50
2171		17-13/16	32-1/4	4.0	7.2	2.5	3	LC30/LC50
2177		17-13/16	35-1/4	4.3	7.8	2.5	3	LC30
2535		21-13/16	14-1/4	2.2	4.0	2.5	3	LC50
2541		21-13/16	17-1/4	2.6	4.8	2.5	3	LC50
2547		21-13/16	20-1/4	3.1	5.7	2.5	3	LC50
2553		21-13/16	23-1/4	3.5	6.5	2.5	3	LC50
2557		21-13/16	25-1/4	3.8	7.0	2.5	3	LC40/LC50
2559		21-13/16	26-1/4	4.0	7.3	2.5	3	LC40/LC50
2565		21-13/16	29-1/4	4.4	8.2	2.5	3	LC40/LC50
2571		21-13/16	32-1/4	4.9	9.0	2.5	3	LC30/LC50
2577	E ₁	21-13/16	35-1/4	5.3	9.8	2.5	3	LC30
2935		25-13/16	14-1/4	2.6	4.8	2.5	3	LC50
2941		25-13/16	17-1/4	3.1	5.8	2.5	3	LC50
2947		25-13/16	20-1/4	3.6	6.8	2.5	3	LC50
2953		25-13/16	23-1/4	4.2	7.8	2.5	3	LC50
2957		25-13/16	25-1/4	4.5	8.4	2.5	3	LC40/LC50
2959		25-13/16	26-1/4	4.7	8.8	2.5	3	LC40/LC50
2965	E ₁	25-13/16	29-1/4	5.2	9.8	2.5	3	LC40/LC50
2971	E	25-13/16	32-1/4	5.8	10.8	2.5	3	LC30/LC50
2977	E	25-13/16	35-1/4	6.3	11.7	2.5	3	LC30
3335		29-13/16	14-1/4	3.0	5.6	2.5	3	LC50
3341		29-13/16	17-1/4	3.6	6.7	2.5	3	LC50
3347		29-13/16	20-1/4	4.2	7.9	2.5	3	LC50
3353		29-13/16	23-1/4	4.8	9.1	2.5	3	LC40/LC50
3357	E ₁	29-13/16	25-1/4	5.2	9.9	2.5	3	LC40/LC50
3359	E ₁	29-13/16	26-1/4	5.4	10.2	2.5	3	LC40/LC50
3365	E	29-13/16	29-1/4	6.1	11.4	2.5	3	LC35/LC50
3371	E	29-13/16	32-1/4	6.7	12.6	2.5	3	LC30/LC50
3377	E	29-13/16	35-1/4	7.3	13.7	2.5	3	LC30
3735		33-13/16	14-1/4	3.3	6.4	2.5	3	LC35/LC50
3741		33-13/16	17-1/4	4.1	7.7	2.5	3	LC35/LC50
3747		33-13/16	20-1/4	4.8	9.0	2.5	3	LC35/LC50
3753		33-13/16	23-1/4	5.5	10.4	2.5	3	LC35/LC50
3757	E	33-13/16	25-1/4	5.9	11.3	2.5	3	LC35/LC50
3759	E	33-13/16	26-1/4	6.2	11.7	2.5	3	LC35/LC50
3765	E	33-13/16	29-1/4	6.9	13.0	2.5	3	LC35/LC50
3771	E	33-13/16	32-1/4	7.6	14.4	2.5	3	LC30/LC50
3777	E	33-13/16	35-1/4	8.3	15.7	2.5	3	LC30
4135		37-13/16	14-1/4	3.7	6.5	2.5	3	LC30
4141		37-13/16	17-1/4	4.5	7.9	2.5	3	LC30
4147		37-13/16	20-1/4	5.3	9.2	2.5	3	LC30
4153		37-13/16	23-1/4	6.1	11.7	2.5	3	LC30
4157	E	37-13/16	25-1/4	6.6	12.7	2.5	3	LC30
4159	E	37-13/16	26-1/4	6.9	13.2	2.5	3	LC30
4165	E	37-13/16	29-1/4	7.7	14.7	2.5	3	LC30
4171	E	37-13/16	32-1/4	8.5	16.2	2.5	3	LC30
4177	E	37-13/16	35-1/4	9.2	17.6	2.5	3	LC30



Shaded portion
shows vent area.

Miscellaneous Formulas (Equal Sash Only)

VENT UNITS	
VISIBLE GLASS	Width = Frame - 5"
	Height* = (Frame - 6-5/16") / 2
ACTUAL GLASS	Width = Frame - 4"
	Height* = (Frame - 4-5/16") / 2

CLEAR OPENING HEIGHT:

(Frame Height/2) - 3-1/4"

CLEAR OPENING WIDTH:

Frame Width - 3-3/16"

Egress Notes:

Check all applicable local codes for emergency egress requirements.

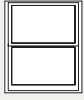
E = Window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E₁ = Window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

(*) Per Sash

(1) Maximum performance when glazed with the appropriate glass thickness. Second number, where shown, indicates performance with DP Enhancement Kit installed.

To convert area to square meters (m²), multiply square feet by 0.0929.



DOUBLE-HUNG























































SIZE TABLES

Aluminum-Clad Exterior

Double-Hung with Removable Grilles



Vent Units

	(552) (533)	(654) (635)	(755) (737)	(857) (838)	(959) (940)	(1 060) (1 041)
Opening	1' 9 3/4"	2' 1 3/4"	2' 5 3/4"	2' 9 3/4"	3' 1 3/4"	3' 5 3/4"
Frame	1' 9"	2' 1"	2' 5"	2' 9"	3' 1"	3' 5"
(908) (889)	 2135	 2535	 2935	 3335	 3735	 4135
(1 060) (1 041)	 2141	 2541	 2941	 3341	 3741	 4141
(1 213) (1 194)	 2147	 2547	 2947	 3347	 3747	 4147
(1 365) (1 346)	 2153	 2553	 2953	 3353	 3753	 4153
(1 467) (1 448)	 2157	 2557	 2957	 3357 E ₁	 3757 E	 4157 E
(1 517) (1 499)	 2159	 2559	 2959	 3359 E ₁	 3759 E	 4159 E
(1 670) (1 651)	 2165	 2565	 2965 E ₁	 3365 E	 3765 E	 4165 E
(1 822) (1 803)	 2171	 2571	 2971 E	 3371 E	 3771 E	 4171 E
(1 975) (1 956)	 2177	 2577 E ₁	 2977 E	 3377 E	 3777 E	 4177 E

Special Size Frame Dimensions*

	MINIMUM	MAXIMUM
VENT	1' 9" W x 2' 11" H (533 x 889)	3' 5" W x 6' 5" H (1 041 x 1 956)
FIXED	1' 9" W x 1' 2" H (533 x 356)	4' 11" W x 5' 11-1/2" H (1 499 x 1 816)

* Available within size range shown.

Keep frame dimensions to the nearest 1/4" increment. Frame height cannot exceed frame width on special size vent units.

Egress Notes:

Check all applicable local codes for emergency egress requirements.

E = Window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².E₁ = Window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

See Design Data pages in this section for clear opening dimensions.

Not to scale.

Traditional grille patterns shown. Refer to Clad/Wood Overview Section for additional patterns and profiles.

Grille patterns shown will align with grilles-between-the-glass on companion units.



PELLA®

ProLine 450 Series

WOOD WINDOWS AND PATIO DOORS
AT A COMPETITIVE PRICE



Style for less.





Pella® ProLine 450 Series products offer our most popular features, including the natural beauty of wood with low-maintenance aluminum-clad exteriors. With the availability of factory-assembled window combinations, you can make a truly unique design statement that's so beautiful, they'll think you hired an architect.



Pella quality for your home.

There's a Pella ProLine 450 Series product to fit most any window or door opening at a competitive price.



A custom look at a competitive price.

Pella ProLine 450 Series windows and doors offer many of the features found on Pella's premium wood lines and cost less. You get beautiful wood interiors, low-maintenance EnduraClad® exteriors, and a wide range of standard and special sizes, shapes and styles.

Beauty of wood.



Our most popular features start here.

Choose from Pella's most requested styles, and add character to your home with the right sizes, colors and grille patterns.

EnduraGuard® wood protection offers advanced protection against the effects of moisture, decay, stains from mold and mildew – as well as termite damage. This proven immersion-treatment method will help ensure that Pella® wood windows and patio doors look and perform beautifully for years.



Pella EnduraGuard wood protection.



Pella's casement window after 7 months of exposure to moisture.*



Competitor's pressure-treated wood.



Stain mold present after 7 months of field-testing a competitor's pressure-treated wood.*

* For testing purposes, the seal between the bottom rail and the glass was compromised in both casement units tested.

Factory-prefinished pine interiors. Pella wood products can arrive factory-prefinished in your choice of eight beautiful stain colors, as well as primed, or with White, Bright White or Linen White paint. You get a professional, high-quality finish – eliminating drips, runs and harmful odors.

EnduraGuard®
Wood Protection



One of the best warranties in the industry.

Pella® ProLine 450 Series products are backed by the Pella 20/10 Limited Warranty. See written warranty for complete details at pella.com/warranty.



EnduraClad® low-maintenance exterior finish helps keep the exterior of your window or patio door protected from the elements and is fade-resistant. So your windows and patio doors will look great for years.



Pella's aluminum-clad exterior.



Old wood exterior.

A wood product that's just right for you.

WINDOWS



Casement and Awning Windows

Smooth openings and closings.
Stainless steel operating arms and hinges resist rust and corrosion.

Simple to operate.
Unison Lock System secures the window in two places with one easy-to-reach handle.

More convenient handle design.
Fold-away handle won't get in the way of roomside window treatments.

Easier cleaning.
Easy-clean wash feature makes it simple to clean the exterior glass from inside your home.

Double-Hung Windows

Easy operation.
Our Advanced Balance System helps ensure that your window will open and close easily for years to come.

Strong protection against the weather.
Pella's cam-action locks pull the sashes tight against the weatherstripping.

Easier cleaning.
Opening sash tilts in – making it easy to clean the exterior glass from inside your home.

Bay and Bow Windows

Added character and space.
Bay windows feature high-quality stain-grade birch headboards and seatboards.

More light and view.
Combine a fixed window with windows that open and close to expand your view outdoors.

A stunning focal point.
Factory-assembled window combinations allow you to create a look that's all your own.

PATIO DOORS



Combination, Fixed, Special Shape Windows

Curves and angles.

Special Shape windows add architectural interest and natural light.

A quality, seamless look.

Grille options are available to match other Pella® products.

More ways to express your style.

Virtually limitless combinations allow you to create a stunning focal point in your home.

Sliding Patio Doors

Easy operation.

Convenient thumb lock allows you to open and close the door with one hand.

Better draft protection.

Pella's unique design puts the sliding panel on the outside. So when the wind blows against it, it creates a tighter seal.

More light and a clearer view.

Optional top-hung sliding screen* door is made with Pella's high-transparency InView™ screen.

Hinged Patio Doors

Stunning design and functionality.

Choose from two movable doors that swing open from the center, one movable door with one fixed door, or the simple elegance of a single door.

Added peace of mind.

Advanced multipoint locking system secures the door at the top, middle and bottom for added security.

More fresh air.

Optional hinged screen doors are available to match your patio door's EnduraClad® exterior finish color and feature Pella's high-transparency InView screen.

* ⚠ WARNING: Screen will not stop child or pet from falling out of window or door. Keep child or pet away from open window or door.

For more information on Pella's window and door offering, see your local Pella sales representative or visit:

CHOOSEPELLA.COM/OFFERING

Comfort in. Weather out.

Pella® products offer exceptional energy-efficient performance wherever you live.

Glass at a glance.

Pella's InsulShield® Low-E Glass Collection¹ features our most innovative and energy-saving choices, designed for your specific needs.



For many U.S. climates.

GLASS TYPE: Advanced
Low-E Insulating Glass with Argon²

Unique Low-E technology delivers balanced insulation for cold winters and hot summers.



Hawaii



For very hot, sunny climates.

GLASS TYPE: SunDefense™
Low-E Insulating Glass with Argon²

Allows in visible light and provides a clear view, while helping to block the heat of the sun.

¹ Glass options can be upgraded to offer the benefits of our InsulShield Low-E Glass Collection. Glass options may vary per product. See specific product information for availability.

² Optional high-altitude Low-E insulating glass does not contain argon in most products. Please see your local Pella sales representative for more information.

³ 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.

⁴ Ranges are based on the average savings among homes in modeled cities. Actual savings will vary based on local climate conditions, utility rates and individual home characteristics. For more information on the benefits of ENERGY STAR certified windows and doors, go to energystar.gov/products/building_products/residential_windows_doors_and_skylights/benefits.

For cold climates – like northern U.S. and Canada.

GLASS TYPE: NaturalSun
Low-E Insulating Glass with Argon²

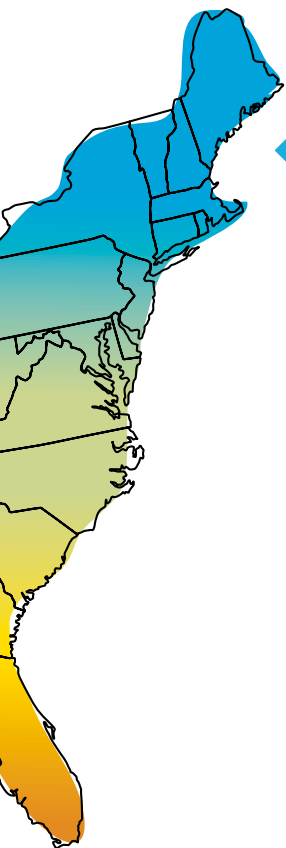
Allows the sun's heat to flow in and warm your home, while providing excellent insulation from the cold.



For northern U.S. climates.

GLASS TYPE: AdvancedComfort
Low-E Insulating Glass with Argon²

Unique Low-E technology delivers balanced insulation for colder winters and moderate summers.



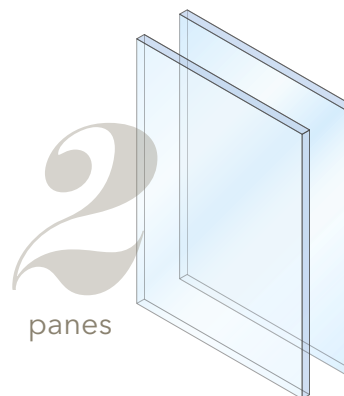
Helping you save on heating and cooling costs.

Installing ENERGY STAR® certified windows and doors can lower energy costs.³ With more efficient windows, you can also use less energy, which reduces greenhouse gas emissions from power plants.

For a typical home, when replacing single-pane windows with ENERGY STAR certified windows, you can save on average:

\$101 to
\$583 per year

And 1,006 to 6,205 pounds of carbon dioxide (CO₂), which is equivalent to 51 to 317 gallons of gasoline a year.⁴



Available on ALL Pella® products.

More panes, more gains. Many older homes have single-pane windows, which can lead to higher heating and cooling costs and drafty interiors. Multiple panes of glass create an air chamber that can dramatically increase energy efficiency and comfort.

Glass for a wide range of needs.

In addition to exceptional energy efficiency, you'll find great glass options that help with privacy, glare and noise control.

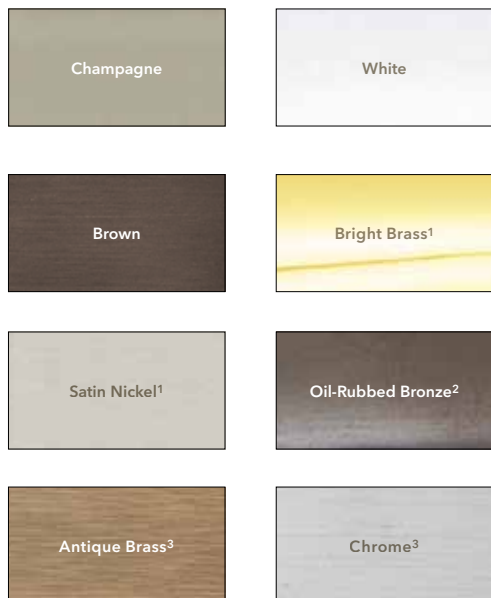
For more information on glass, see your local Pella sales representative or visit:

CHOOSEPELLA.COM/GLASS

Features and options.

HARDWARE FINISHES

Choose from today's most popular decorative finishes to coordinate with other finishes in your home.



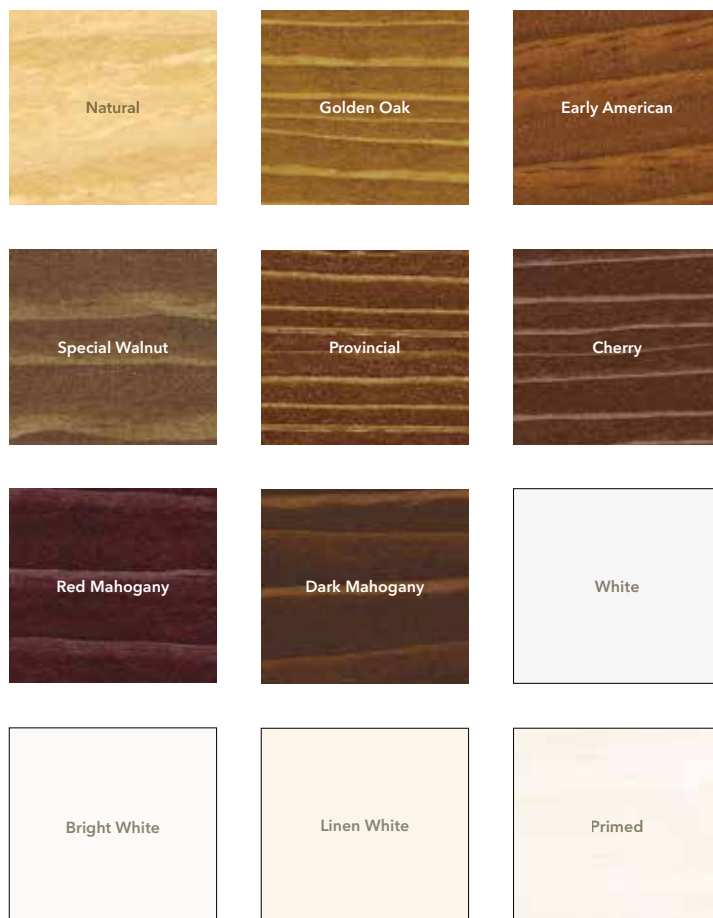
HARDWARE STYLES

Find beauty and function in Pella's innovative, easy-to-operate hardware styles.



PREFINISHED PINE INTERIORS

The interiors of all Pella® Pine windows and patio doors can arrive prefinished in your choice of eight stain colors to complement your home. Three prefinished paint colors or primed, ready-to-paint interiors are also available.



ALUMINUM-CLAD EXTERIORS

Beautifully durable, Pella's low-maintenance EnduraClad® exterior finish resists fading and helps protect your windows and patio doors for years.



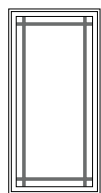
wood window and patio door DESIGN GUIDE

WINDOWS

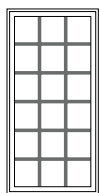
PATIO DOORS

GRILLE PATTERNS⁴

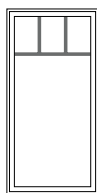
A variety of grille patterns for the traditional look of divided light. Custom patterns are also available.



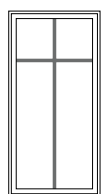
9-Lite Prairie



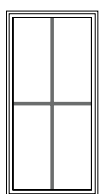
Traditional



Top Row



Cross



Custom (equally divided)

GRILLES

Choose the look of true divided light, or add grilles-between-the-glass that make cleaning the glass easier.



7/8" Simulated-Divided-Light with Spacer



7/8" Simulated-Divided-Light Without Spacer



2", 1-1/4" and 3/4" Roomside Removable



3/4" Aluminum Grilles-Between-the-Glass



White



Ivory



Tan⁵



Putty⁵



Brown⁵



Harvest



Brickstone



Cordovan

Aluminum grilles-between-the-glass feature the option of the interior grille colors shown above. The exterior will match the EnduraClad[®] color you choose.⁶

GLASS

INSULSHIELD[®] LOW-E GLASS COLLECTION¹



Advanced Low-E insulating glass with argon	S	S
AdvancedComfort Low-E insulating double-pane glass with argon	O	O
NaturalSun Low-E insulating glass with argon	O	O
SunDefense [™] Low-E insulating glass with argon	O	O

ADDITIONAL GLASS OPTIONS¹

Tempered glass	O	O
Laminated (non-impact-resistant), tinted and obscure glass available on select products	O	O

* See glass information on pages 8 - 9 for details.

INTERIORS

WOOD TYPES

Pine	S	S
------	---	---

INTERIOR FINISHES

Unfinished	S	S
Primed, ready to finish*	O	O
Prefinished stain or paint*	O	O

INTERIOR TRIM

Primed, ready to finish*	O	O
Prefinished stain or paint*	O	O

* See page 10 for finishes.

EXTERIORS*

EXTERIOR FINISHES

Aluminum-clad with EnduraClad [®] protective finish	S	S
--	---	---

EXTERIOR TRIM

EnduraClad factory-applied trim	S	S
---------------------------------	---	---

* See page 10 for finishes.

HARDWARE¹

FINISHES¹

Champagne, White, Brown, Bright Brass, Satin Nickel, Oil-Rubbed Bronze ² , Antique Brass ³ and Chrome ³	O	O
--	---	---

¹ See hardware finish colors and styles on page 10.

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

³ Available on hinged patio doors only.

GRILLES*

PERMANENT GRILLES

Simulated-Divided-Light grilles with or without spacer	O	O
Aluminum grilles-between-the-glass	O	O

REMOVABLE GRILLES

Roomside interior wood grilles	O	O
--------------------------------	---	---

* See left for grille finish colors and styles.

SCREENS*

InView [™] screen	S	S
Vivid View [®] high-transparency screen	O	-

* Δ WARNING: Screen will not stop child or pet from falling out of window or door. Keep child or pet away from open window or door.

WARRANTY



Pella 20/10 Limited Warranty*	S	S
-------------------------------	---	---

* See written warranty for complete details at pella.com/warranty.

(S) Standard (O) Optional (-) Unavailable

See a Pella professional for specific details and additional options available.

Some features are part of our standard offering; not all options are available on all product styles.

¹ On hinged patio doors, Endura Hardware Collection offers a 10-year warranty.

See written warranty for complete details at pella.com/warranty.

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

³ Hinged patio doors only.

⁴ Grille patterns offered may vary per product. See specific product information for availability.

⁵ Only available with matching interior and exterior colors.

⁶ Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.