



Charleston Historic Landmarks Commission

Agenda

4:00 p.m., October 15, 2020

Join via internet at:

<https://us02web.zoom.us/j/82589785249?pwd=cFR5QkVYTlZwR3M3MzhiOWk5ME9rdz09>

Or call: 312-626-6799 or 929-436-2866 or 346-248-7799

Webinar ID: 825 8978 5249

Password: 527950

COA-20-0201

Application of Rob Cleland requesting a certificate of appropriateness in order to replace original wood windows with Pella Architect Series wood windows of like design on the property located at **2410 Kanawha Boulevard, East**.

COA-20-0202

Application of Raj & Nikki Chugha requesting a certificate of appropriateness in order to replace the original slate roof with GAF Slateline shingles on the property located at **1629 Quarrier Street**.

Report on Minor Work Permits

Project Updates

Approval of Minutes of the September 17, 2020 Meeting

Adjournment



Charleston Historic Landmarks Commission
PUBLIC HEARING NOTICE

Until further notice, CHLC hearings will be accessible via Zoom.

Case Description

COA-20-0201: Application of Rob Cleland requesting a certificate of appropriateness in order to replace original wood windows with Pella Architect Series wood windows of like design on the property located at **2410 Kanawha Boulevard, East.**

The file (including the application and other supporting documentation) is available for your inspection online at <https://charlestonwv.civicclerk.com/>. If you have questions, email lori.brannon@cityofcharleston.org or call 304-348-8105.

Hearing Details

WHEN: 4:00 pm
Thursday, October 15, 2020

WHERE: Join via internet at:
<https://us02web.zoom.us/j/82589785249?pwd=cFR5QkVYTlZwR3M3MzhiOWk5ME9rdz09>
Or call: 312-626-6799 or 929-436-2866 or 346-248-7799
Webinar ID: 825 8978 5249
Password: 527950

Public Participation

Anyone who wishes to comment on the case described above is encouraged to do so in one of the following ways:

1. Send a written statement to lori.brannon@cityofcharleston.org. These statements will become a part of the record and will be shared with members of the Commission prior to the hearing.
2. Speak directly to the Commission by joining the meeting via Zoom using the details listed above. ***Please provide your name and the phone number or e-mail address you'll be using to join the hearing to lori.brannon@cityofcharleston.org by 5 pm on Tuesday, October 13, 2020.***

As a matter of general policy these proceedings will not be transcribed by the Commission. Anyone wishing a legal transcript must provide a court reporter at his/her own expense.

Charleston Historic



Commission

Application for Certificate of Appropriateness

Application for Certificate of Appropriateness

CofA # COA-20-0201Hearing Date: 10/15/20Name of Landmark or Historic District East End Historic District

Applicant Information	Property Information
Name: Rob Cleland	Address: 2410 Kanawha Blvd E Charleston WV 25311
Address: 2410 Kanawha Blvd. E. Charleston WV 25311	Tax Map and Parcel: 29 0204 0000 0000
Phone: 304-345-1514	Zoning District: East End
Agent Name, Address and Phone Number: (if other than applicant)	Property Owner and Mailing Address: (if other than applicant)

IMPORTANT: This application must be typed or legibly printed and filed with the Planning Department, 915 Quarrier Street, Suite 1 Charleston, WV 25301. The following items must accompany this application: 1) a site plan drawn to scale; 2) shop drawings; 3) a list of the owners of adjacent properties with their mailing addresses; 4) photographs, elevations, testimonials or other documentation, which may support your application. You or your representative must be present at the scheduled public hearing in order to present your request and answer questions. THE PLANNING DEPARTMENT WILL NOT ACCEPT ANY INCOMPLETE APPLICATIONS.

The request for a Certificate of Appropriateness involves:

☒ Repair
 ☐ Alteration
 ☐ New Construction
 ☐ Demolition

Is this a tax credit project?

☒ Yes
 ☐ No

Please describe the proposed work to be done on the property. Replacing windows in the front part of the house with approved Pella windows

What measures are being taken to retain and preserve the historic character of the property? Are existing materials being restored or replaced in like kind? Using quality Pella windows with the same grid pattern as the current windows

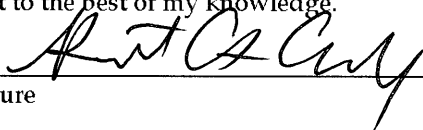
How are the distinctive, character-defining features of the structure being affected or altered by the proposed work? The character of the house will be improved. The windows are now covered by aluminum storm windows that aren't very attractive. These will be an improvement.

Is the work planned in accordance with substantiated documentation, physical or pictorial evidence? If so, please explain and attach copies to this application. Enclosed are pics of current windows and the window and installation plans

Does any proposed new construction honor the historic materials that characterize the property and conform to the massing, size and scale of the historic environment? Explain. Pretty much. Quality beauty and function will be improved for sure.

I hereby affirm that all of the statements and information contained in or filed with this application are true and correct to the best of my knowledge.

Signature



9/28/2020

Date

Planning Department Use Only	
The following is a list of related cases:	
The following is a list of zoning ordinance violations, building code violations and enforcement actions relating to the subject property:	
Application reviewed by:	
Action: ☐ Approved ☐ Rejected	
If approved, were there any specific conditions or limitations imposed by the CHLC?	
Planning Official Signature and Title	Date



left side second floor



back 1st and
second floor



right side
second floor



left side back 1st floor



front second floor



Front right bottom



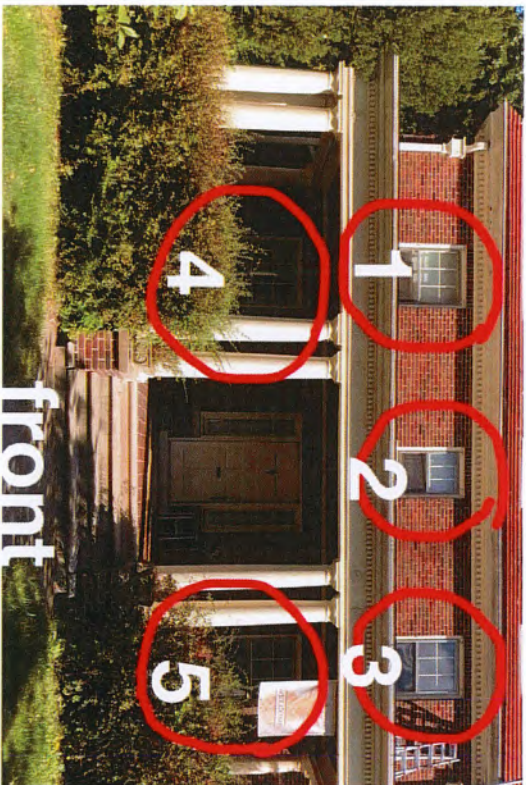
right side 1st floor front



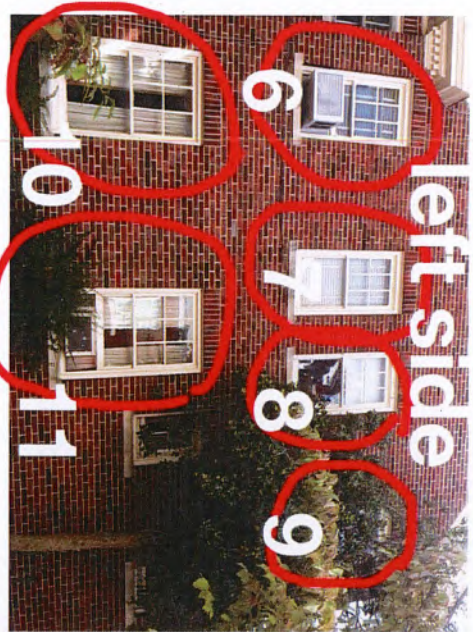
right side back 1st floor



front 1st floor right side



front



left side



right side



back



Installation Proposal - Windows

All Wood Windows – Historical

9/3/2020

Store #	675	Salesperson	Aaron Schmidt 304-719-8899
Customer Name	Ann Cleland	License #	WV014656
2nd Contact Name		Home Phone	757-681-1749
Job Site Address	2410 Kanawha Blvd	Work / Cell Phone	
City, State and Zip	Charleston WV 25311	Customer email	puppyfixer@hotmail.com

Preparation :

- ☒ Pre-installation inspection
- ☒ Provide appropriate protection to home during installation
- ☒ Obtain and post any necessary permits
- ☒ Dedicated project support staff will be in contact with you every step of the way

Additional Considerations :

- ☐ Install new interior casing
- ☐ Install new exterior trim
- ☒ Install new exterior wrap (trim coil)
- ☐ Custom work:

Installation :

- ☒ Remove and haul away existing windows
- ☒ Check existing windows for leaks and evidence of pest infestation
- ☒ Install new windows and window accessories, including required caulk, stops, and fasteners

Clean-up / Final Inspection :

- ☒ Complete final cleanup and haul away all job related debris
- ☒ Test product and perform complete inspection with customer

Notes & Product Description

1. Installation of new Pella 850 Architect Series Wood window – Historically Accurate – windows on older part of home. Will remove existing Wood windows, install new Pella 850 Series Wood windows Poplar white (antique white) aluminum clad exterior, Interior Wood Pre-finished white. Top energy efficient glass – low-E and Argon Gas - Historically accurate grids alum on exterior, wood on interior on top sash only. Will Cap all wood on exterior of home with Pella Color matching trim coil.

Retail price installed: \$32,337.89**Total Investment 1. \$26,152.99 – Installed (with 15% off windows & labor)**

All installation services are guaranteed by Lowe's labor warranty. Additional charges may apply for permit fees. Professional installation available through independent contractors licensed and registered where applicable. License numbers and certifications held by or on behalf of Lowe's Home Centers, LLC and/or Lowe's Home Centers, Inc.: AL #8187; AK #39289; AR #0037290514; AZ #ROC291645; CA #991832, Bond #106055877; CT #HIC0639387, #MCO.0903044; DE #1993102010; FL #CCC1326824, #CGC1508417, #CRC1327732, #FRO4517; GA #RBC0005306; HI #C-33489; IL #104014837; KS-Arkansas City #R-2010-0036, Wichita #5495, Johnson County #2012-6366; KY-Lexington #11562; IA #C110383; ID #RCE-38637; IN-Hammond #017105-02; LA-LMP2481, CBC#16533, #554408; MA #148688, #35194; MD #91680-22; MI #2102144445; MN #BC629859; MS #R17568; MT #161006; NC #70220; ND #30316; NE #23319; NM #382385; NY-New York City #1291730, #1291733, #1375178, #1351065, Nassau #H1777890000, #H1777890100, #H1777890200, Suffolk #43906-H, #48295-ME, #44066-MP, #41444-HF, Buffalo #556853, Putnam #PC2742-A, Tonawanda #CN0391, Rockland #H-11092-B6-00-00, Westchester #WC-23319-H10; NV#0079079; OH-Columbus #G5872, #HIC4565, Lancaster #500596, Warren #4266; OK #48191, 80000341, 002337; OR #202237; PA-Sunbury #751, Johnstown #0467; RI #20575; SC #G116664G118696; TN #64743, #3070; TX #TACLB24674E, #EC-29349; UT #9002087-5501; VA #2701036596A; WA #LOWESH863DH; WV #WV014656; and WI #1133309. License number(s) and certifications may be subject to change in accordance with local or state government processes. For the most current listing of license numbers and certifications held by or on behalf of Lowe's Home Centers, LLC and related entities, please visit <http://www.lowes.com/licensenumbers>.

IMPORTANT: This is an estimate only. This estimate is subject to change and does not bind you or Lowe's. This estimate is not a contract nor will it modify any future contract you may sign with Lowe's for the installation services. You may accept this proposal only by signing the appropriate Exterior Solutions Installed Sales Contract with Lowe's and making payment according to the terms and conditions therein. (Estimate good for 30 days). Installation fees will be and additional charges may be based on total flooring required to fulfill order (including waste), which exceeds actual room square footage. If you would like to discuss the measurements or would like a copy of this document, please contact the Lowe's Store Associate. Please review your contract carefully for all charges prior to signing.



Installation Proposal - Windows

Front Windows Only – Historical

9/3/2020

Store #	675	Salesperson	Aaron Schmidt 304-719-8899
Customer Name	Ann Cleland	License #	WV014656
2nd Contact Name		Home Phone	757-681-1749
Job Site Address	2410 Kanawha Blvd	Work / Cell Phone	
City, State and Zip	Charleston WV 25311	Customer email	puppyfixer@hotmail.com

Preparation :

- ☒ Pre-installation inspection
- ☒ Provide appropriate protection to home during installation
- ☒ Obtain and post any necessary permits
- ☒ Dedicated project support staff will be in contact with you every step of the way

Additional Considerations :

- ☐ Install new interior casing
- ☐ Install new exterior trim
- ☒ Install new exterior wrap (trim coil)
- ☐ Custom work:

Installation :

- ☒ Remove and haul away existing windows
- ☒ Check existing windows for leaks and evidence of pest infestation
- ☒ Install new windows and window accessories, including required caulk, stops, and fasteners

Clean-up / Final Inspection :

- ☒ Complete final cleanup and haul away all job related debris
- ☒ Test product and perform complete inspection with customer

Notes & Product Description

1. Installation of new Pella 850 Architect Series Wood window – Historically Accurate – windows on front of home (all 3 Stories) Will remove existing Wood windows, install new Pella 850 Series Wood windows Poplar white (antique white) aluminum clad exterior, Interior Wood Pre-finished white. Top energy efficient glass – low-E and Argon Gas - Historically accurate grids alum on exterior, wood on interior on top sash only. Will Cap all wood on exterior of home with Pella Color matching trim coil.
Retail price installed: \$12,568.15
2. Installation of new Pella 850 Architect Series Wood window – Historically Accurate – windows on front of home (Bottom and middle) Will remove existing Wood windows, install new Pella 850 Series Wood windows Poplar white (antique white) aluminum clad exterior, Interior Wood Pre-finished white. Top energy efficient glass low-E and Argon Gas - Historically accurate grids alum on exterior, wood on interior on top sash only. Will Cap all wood on exterior of home with Pella Color matching trim coil.
Attic replace with Almond color Double Hung windows
Retail price installed: \$10,705.10

Total Investment

1. \$10,325.48 – Installed (with 15% off windows & labor)
2. \$8,897.12 – Installed (with 15% off windows & labor)

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Installation Proposal - Windows

Vinyl Casement Windows

9/3/2020

Store #	675	Salesperson	Aaron Schmidt 304-719-8899
Customer Name	Ann Cleland	License #	WV014656
2nd Contact Name		Home Phone	757-681-1749
Job Site Address	2410 Kanawha Blvd	Work / Cell Phone	
City, State and Zip	Charleston WV 25311	Customer email	puppyfixer@hotmail.com

Preparation :

- ☒ Pre-installation inspection
- ☒ Provide appropriate protection to home during installation
- ☒ Obtain and post any necessary permits
- ☒ Dedicated project support staff will be in contact with you every step of the way

Additional Considerations :

- ☐ Install new interior casing
- ☐ Install new exterior trim
- ☒ Install new exterior wrap (trim coil)
- ☐ Custom work:

Installation :

- ☒ Remove and haul away existing windows
- ☒ Check existing windows for leaks and evidence of pest infestation
- ☒ Install new windows and window accessories, including required caulk, stops, and fasteners

Clean-up / Final Inspection :

- ☒ Complete final cleanup and haul away all job related debris
- ☒ Test product and perform complete inspection with customer

Notes & Product Description

1. Installation of new Pella 250 Almond Vinyl Casement Windows Will remove existing aluminum windows, install new Pella 250 Series Premium Casement Windows In Back Sections of home. Top energy efficient glass low-E and Argon Gas. Stainless Steel mechanisms. All Windows will have twin casements, larger window will have large fixed picture window and two casement flankers on either end. When removing old aluminum windows may have to use wood to fill in and Will Cap all wood on exterior of home with Pella Color matching trim coil.

Retail price installed: \$17,753.35

Total Investment	1. \$15,090.36 – Installed (with 15% off windows & labor)
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Installation Proposal - Windows

Vinyl Double Hung Windows

9/3/2020

Store #	675	Salesperson	Aaron Schmidt 304-719-8899
Customer Name	Ann Cleland	License #	WV014656
2nd Contact Name		Home Phone	757-681-1749
Job Site Address	2410 Kanawha Blvd	Work / Cell Phone	
City, State and Zip	Charleston WV 25311	Customer email	puppyfixer@hotmail.com

Preparation :

- ☒ Pre-installation inspection
- ☒ Provide appropriate protection to home during installation
- ☒ Obtain and post any necessary permits
- ☒ Dedicated project support staff will be in contact with you every step of the way

Additional Considerations :

- ☐ Install new interior casing
- ☐ Install new exterior trim
- ☒ Install new exterior wrap (trim coil)
- ☐ Custom work:

Installation :

- ☒ Remove and haul away existing windows
- ☒ Check existing windows for leaks and evidence of pest infestation
- ☒ Install new windows and window accessories, including required caulk, stops, and fasteners

Clean-up / Final Inspection :

- ☒ Complete final cleanup and haul away all job related debris
- ☒ Test product and perform complete inspection with customer

Notes & Product Description

1. Installation of new Pella 250 Almond Vinyl Windows Will remove existing Wood windows, install new Pella 250 Series Premium Vinyl Double Hung Windows. Top energy efficient glass – low-E and Argon Gas. Surface Grids to look similar to Wood Historical windows. Will Cap all wood on exterior of home with Pella Color matching trim coil.
Retail price installed: \$16,998.59

Total Investment	1. \$14,454.95 – Installed (with 15% off windows & labor)
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Product Selection Guide

 Size and Performance DataPFH-2

 Features and OptionsPFH-3

Glazing Performance.....PFH-4

Grille Types

 Grille Profiles.....PFH-6

 Grille Patterns.....PFH-7

Size GuidelinesPFH-8

Measurement Guides.....PFH-8

Design Data.....PFH-9

Detailed Product Descriptions

 Clad.....PFH-10

 WoodPFH-11

Unit Sections/Installation Details

 Clad.....PFH-12

 WoodPFH-14

The information published in this document is believed to be accurate at the time of publication. However, because we are constantly working to improve our products, specifications are subject to change without notice. Consult your local Pella representative for up-to-date product information.



Architect Series[®] Traditional Precision-Fit Hung Window

Size and Performance Data

	Clad LX	Wood LX	Clad SE
Sizes			
Made to order in 1/4" increments	●	●	●
Cottage Sash or Equal Sash Split	●	●	●
Variable sash split	●	●	–
Performance			
Meets or Exceeds AAMA/WDMA Ratings	H-CW40 - CW50 Hallmark Certified	H-CW40 - CW-50 Hallmark Certified	H-CW40 - CW50 Hallmark Certified
Air Infiltration (cfm/ft ² of frame @ 1.57 psf wind pressure)	0.11	0.11	0.11
Water Resistance	6.0-6.9 psf	6.0-6.9 psf	6.0-6.9 psf
Design Pressure	40-50 psf	40-50 psf	40-50 psf

Sound Transmission class / outdoor-indoor transmission class

Product	Frame Size Tested ₂	Glazing System				STC Rating	OITC Rating
		Overall Glazing Thickness	Exterior Glass Thickness	Interior Glass Thickness	Third Pane Thickness		
Architect Series CLAD LX OR SE double-hung	With integral grilles						
	45" x 65"	11/16"	2.5mm	2.5mm	–	27	25
	45" x 65"	11/16"	3mm	3mm	–	30	26
	WITH REMOVABLE OR NO GRILLES						
	45" x 65"	11/16"	2.5mm	2.5mm	–	26	22
	45" x 65"	11/16"	3mm	3mm	–	28	24

(–) = Not Available

(1) Maximum performance for single unit when glazed with the appropriate glass thickness. See Design Data pages in this section for specific product performance class and grade values.

(2) ASTM E 1425 defines standard sizes for acoustical testing. Ratings achieved at that size are representative of all sizes of the same configuration.



Architect Series[®] Traditional Precision-Fit Hung Window

Features and Options

Standard	Options / Upgrades
Glazing	
Glazing Type	
Dual-Pane Insulating Glass	—
Insulated Glass Options/Low-E Types	
	SunDefense™ Low-E
	AdvancedComfort Low-E
Advanced Low-E	NaturalSun Low-E
	Clear (no Low-E coating)
Additional Glass Options	
	Tempered Glass
Annealed Glass	Obscure Glass ¹
	Tinted Glass (Bronze, Gray and Green)
Gas Fill/High Altitude	
Argon	High altitude
Wood types	
Pine	Mahogany (clad and wood LX only), Douglas Fir (clad LX only)
Exterior	
EnduraClad® protective finish	EnduraClad Plus protective finish
	Factory Primed Wood Sash (pine, Aluminum-clad frame)
EnduraClad® protective finish	Unfinished Mahogany Wood (LX only)
Cladding Colors¹	
27 Standard colors	Custom Colors
Interior	
Unfinished Wood	Factory primed ¹ , Factory prefinished paint ¹ , Factory prefinished stain ¹
Hardware	
Hardware Finish	
Champagne, White, Brown or Matte Black	Bright Brass, Satin Nickel, Oil-Rubbed Bronze, Antique Brass, Distressed Bronze, Distressed Nickel
Sash Locks	
Cam-action lock	Historical spoon-style lock (surface mounted)
Tilt-Wash Cleaning	
Tilt to interior on both sashes	—
Other Hardware	
—	Sash lifts
Grilles	
Integral Light Technology® Grilles	
—	Traditional, Prairie, Top Row, Cross, New England, Victorian, Custom
Roomside Removable Grilles	
—	Traditional, Prairie, Custom
Grilles-Between-the-Glass	
—	Traditional, Prairie, Top Row, Cross or Custom-Equally Divided
Screens	
—	Full-Height or Half-height InView™ screens or Vivid View® screens

(1) Contact your local Pella sales representative for current color options.



Architect Series® Traditional Precision-Fit Hung Window

Glazing Performance - Total unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)		Gap Fill	Performance Values ¹				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown					
			Ext.	Int.		U-Factor	SHGC	VLT %	CR	U. S.				Canada ²	
										Zone				ER	Zone
Vent - Aluminum-Clad Exterior										N	NC	SC	S	CA	
11/16"	Clear IG	PEL-N-233-00217-00001	2.5	2.5	Air	0.46	0.60	0.63	44						
	with grilles-between-the-glass	PEL-N-233-00218-00001				0.46	0.54	0.56	44						
	with integral grilles	PEL-N-233-00219-00001				0.47	0.54	0.56	44						
11/16"	Clear IG	PEL-N-233-00221-00001	3	3	Air	0.47	0.59	0.62	45						
	with grilles-between-the-glass	PEL-N-233-00222-00001				0.47	0.53	0.55	45						
	with integral grilles	PEL-N-233-00223-00001				0.47	0.53	0.55	45						
11/16"	Advanced Low-E IG	PEL-N-233-00253-00001	2.5	2.5	Argon	0.29	0.28	0.53	60		NC				
	with grilles-between-the-glass	PEL-N-233-00254-00001				0.29	0.25	0.47	60		NC	SC			
	with integral grilles	PEL-N-233-00255-00001				0.30	0.25	0.47	60		NC	SC			
11/16"	Advanced Low-E IG	PEL-N-233-00257-00001	3	3	Argon	0.29	0.28	0.53	59		NC				
	with grilles-between-the-glass	PEL-N-233-00258-00001				0.29	0.25	0.47	59		NC	SC			
	with integral grilles	PEL-N-233-00259-00001				0.30	0.25	0.47	59		NC	SC			
11/16"	SunDefense™ Low-E IG	PEL-N-233-00301-00001	2.5	2.5	Argon	0.29	0.21	0.49	60		NC	SC			
	with grilles-between-the-glass	PEL-N-233-00302-00001				0.29	0.19	0.44	60		NC	SC			
	with integral grilles	PEL-N-233-00303-00001				0.30	0.19	0.44	60		NC	SC			
11/16"	SunDefense™ Low-E IG	PEL-N-233-00305-00001	3	3	Argon	0.29	0.21	0.49	59		NC	SC			
	with grilles-between-the-glass	PEL-N-233-00306-00001				0.29	0.19	0.43	59		NC	SC			
	with integral grilles	PEL-N-233-00307-00001				0.30	0.19	0.43	59		NC	SC			
11/16"	AdvancedComfort Low-E IG	PEL-N-233-00277-00001	2.5	2.5	Argon	0.26	0.28	0.52	48		NC				
	with grilles-between-the-glass	PEL-N-233-00278-00001				0.26	0.25	0.46	48		NC	SC			
	with integral grilles	PEL-N-233-00279-00001				0.26	0.25	0.46	48		NC	SC			
11/16"	AdvancedComfort Low-E IG	PEL-N-233-00281-00001	3	3	Argon	0.26	0.28	0.51	47		NC				
	with grilles-between-the-glass	PEL-N-233-00282-00001				0.26	0.25	0.46	47		NC	SC			
	with integral grilles	PEL-N-233-00283-00001				0.26	0.25	0.46	47		NC	SC			
11/16"	NaturalSun Low-E IG	PEL-N-233-00229-00001	2.5	2.5	Argon	0.30	0.53	0.60	59						
	with grilles-between-the-glass	PEL-N-233-00230-00001				0.30	0.47	0.54	59						
	with integral grilles	PEL-N-233-00231-00001				0.31	0.47	0.54	59						
11/16"	NaturalSun Low-E IG	PEL-N-233-00233-00001	3	3	Argon	0.30	0.52	0.60	58						
	with grilles-between-the-glass	PEL-N-233-00234-00001				0.30	0.46	0.53	58						
	with integral grilles	PEL-N-233-00235-00001				0.31	0.46	0.53	58						
Tinted Glazing															
11/16"	Bronze Advanced Low-E IG	PEL-N-233-00325-00001	5	3	Argon	0.30	0.25	0.34	48		NC	SC			
	with grilles-between-the-glass	PEL-N-233-00326-00001				0.32	0.23	0.30	48						
	with integral grilles	PEL-N-233-00327-00001				0.31	0.23	0.30	48						
11/16"	Gray Advanced Low-E IG	PEL-N-233-00333-00001	5	3	Argon	0.30	0.23	0.29	58		NC	SC			
	with grilles-between-the-glass	PEL-N-233-00334-00001				0.31	0.21	0.26	58						
	with integral grilles	PEL-N-233-00335-00001				0.31	0.21	0.26	58						
11/16"	Green Advanced Low-E IG	PEL-N-233-00341-00001	5	3	Argon	0.30	0.28	0.46	58		NC				
	with grilles-between-the-glass	PEL-N-233-00342-00001				0.31	0.26	0.41	58						
	with integral grilles	PEL-N-233-00343-00001				0.31	0.26	0.41	58						

R-Value = 1/U-Factor
 SHGC = Solar Heat Gain Coefficient
 VLT % = Visible Light Transmission
 CR = Condensation Resistance
 ER = Canadian Energy Rating

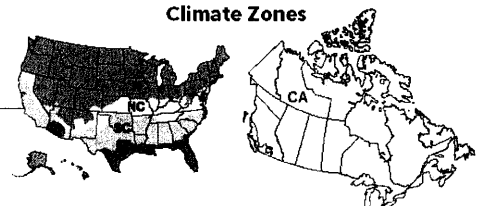
(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2016 (Version 6) criteria

(2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative.

Based on unit size, some products will use 2.5 mm glass that will have equivalent or improved performance from what is shown.

See the Product Performance section for more detailed information or visit www.energystar.gov for Energy Star guidelines.

Climate Zones





Architect Series® Traditional Precision-Fit Hung Window

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)		Gap Fill	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown					
			Ext.	Int.		U-Factor	SHGC	VLT %	CR	U. S.				Canada ₂	
										Zone				ER	Zone
High Altitude Glazing										N	NC	SC	S	CA	
11/16"	Advanced Low-E IG	PEL-N-233-00265-00001	2.5	2.5	Air	0.33	0.28	0.53	56						
	with grilles-between-the-glass	PEL-N-233-00266-00001				0.33	0.26	0.47	56						
	with integral grilles	PEL-N-233-00267-00001				0.34	0.26	0.47	56						
11/16"	Advanced Low-E IG	PEL-N-233-00269-00001	3	3	Air	0.33	0.28	0.53	55						
	with grilles-between-the-glass	PEL-N-233-00270-00001				0.33	0.26	0.47	55						
	with integral grilles	PEL-N-233-00271-00001				0.34	0.26	0.47	55						
11/16"	SunDefense Low-E IG	PEL-N-233-00313-00001	2.5	2.5	Air	0.32	0.21	0.49	56						
	with grilles-between-the-glass	PEL-N-233-00314-00001				0.32	0.19	0.44	56						
	with integral grilles	PEL-N-233-00315-00001				0.33	0.19	0.44	56						
11/16"	SunDefense Low-E IG	PEL-N-233-00317-00001	3	3	Air	0.33	0.21	0.49	56						
	with grilles-between-the-glass	PEL-N-233-00318-00001				0.33	0.19	0.43	56						
	with integral grilles	PEL-N-233-00319-00001				0.33	0.19	0.43	55						
11/16"	AdvancedComfort Low-E IG	PEL-N-233-00289-00001	2.5	2.5	Air	0.28	0.28	0.52	44		NC				
	with grilles-between-the-glass	PEL-N-233-00290-00001				0.28	0.25	0.46	44		NC	SC			
	with integral grilles	PEL-N-233-00291-00001				0.29	0.25	0.46	44		NC	SC			
11/16"	AdvancedComfort Low-E IG	PEL-N-233-00293-00001	3	3	Air	0.28	0.28	0.51	43		NC				
	with grilles-between-the-glass	PEL-N-233-00294-00001				0.28	0.25	0.46	43		NC	SC			
	with integral grilles	PEL-N-233-00295-00001				0.29	0.25	0.46	43		NC	SC			
11/16"	NaturalSun Low-E IG	PEL-N-233-00241-00001	2.5	2.5	Air	0.34	0.53	0.60	56						
	with grilles-between-the-glass	PEL-N-233-00242-00001				0.34	0.47	0.54	56						
	with integral grilles	PEL-N-233-00243-00001				0.34	0.47	0.54	56						
11/16"	NaturalSun Low-E IG	PEL-N-233-00245-00001	3	3	Air	0.34	0.52	0.60	55						
	with grilles-between-the-glass	PEL-N-233-00246-00001				0.34	0.46	0.53	55						
	with integral grilles	PEL-N-233-00247-00001				0.35	0.46	0.53	55						

R-Value = 1/U-Factor
 SHGC = Solar Heat Gain Coefficient
 VLT % = Visible Light Transmission
 CR = Condensation Resistance
 ER = Canadian Energy Rating

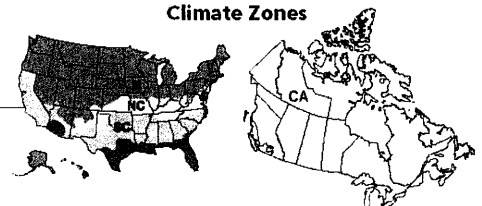
(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2016 (Version 6) criteria.

(2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative.

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See the Product Performance section for more detailed information or visit www.energystar.gov for Energy Star guidelines.

Climate Zones



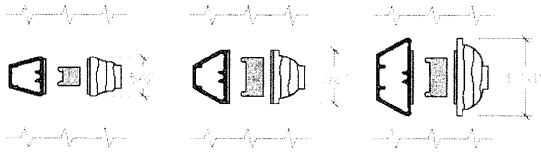


Architect Series[®] Traditional Precision-Fit Hung Window

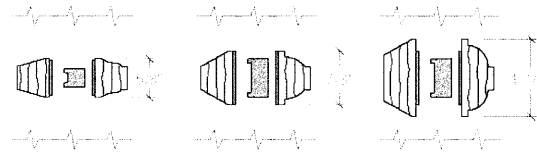
Grille Profiles

Integral Light Technology[®]

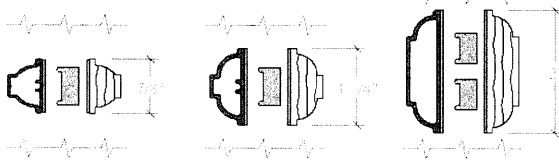
Putty and Ogee Glaze Grilles
Clad Exterior - Wood Interior



Putty and Ogee Glaze Grilles
Wood Exterior - Wood Interior



Ogee Glaze Grilles
Clad Exterior - Wood Interior

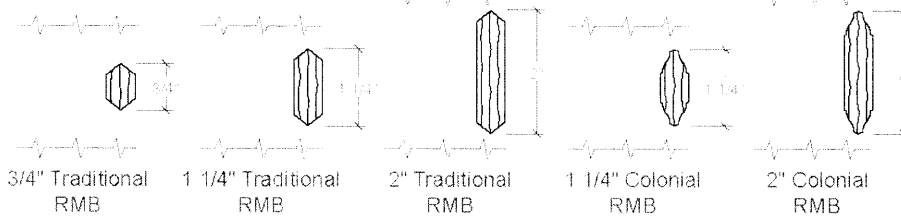


Contoured Aluminum -
Grilles-Between-the-Glass



3/4" Contoured
GBG

Removable Interior Pine Grilles



Interior wood ILT grilles available in Pine, Mahogany or Douglas Fir to match complete unit.
Exterior wood ILT grilles available in Pine or Mahogany to match complete unit.

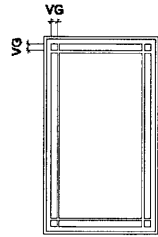


Architect Series® Traditional Precision-Fit Hung Window

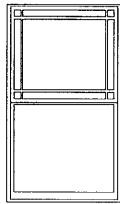
Grille Patterns

Integral Light Technology® Grilles and Roomside Removable Grille

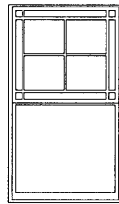
PRAIRIE LITE PATTERNS



**9-Lite
(Fixed Units)**



9-Lite



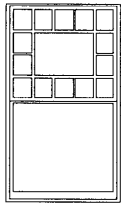
12-Lite

Standard corner lite dimension for Prairie patterns = 2-1/2" VG.

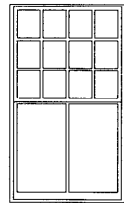
Available in transoms $\geq 1'3"$ height and width.

Available in all standard and special sizes.

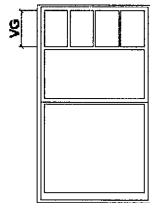
OTHER AVAILABLE PATTERNS



Victorian



New England



Top Row



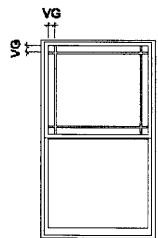
Traditional

VG = Visible Glass

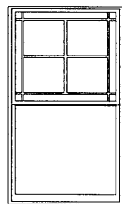
Lite dimensions noted can vary.

For size and pattern availability contact your local Pella sales representative.

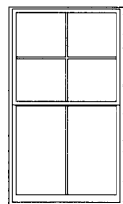
Grilles-Between-the-Glass



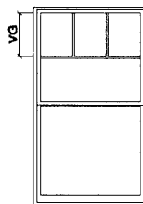
**9-Lite
Prairie**



**12-Lite
Prairie**



Cross



Top Row

Prairie

- Standard corner lite dimension for Prairie patterns = 2-1/2" VG.
- Available in transoms $\geq 1'3"$ height and width.

Cross

- Minimum DH frame height 35".
- Horizontal bar will be at 1/2" of the VG height of the top sash.

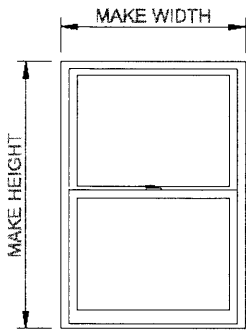
Top Row

- Minimum DH frame height 35".
- Horizontal bar will be at 1/2" of the VG height of the top sash.



Architect Series[®] Traditional Precision-Fit Hung Window

Size and Measurement Guidelines



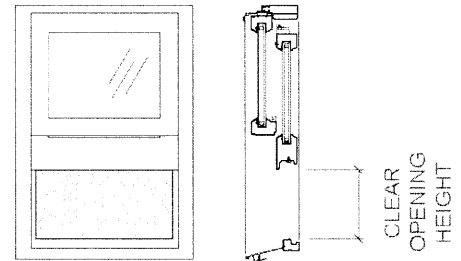
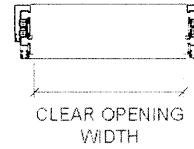
Interior view shown.

Refer to unit cross sections in this section for Make Width and Make Height dimensions.

Architect Series Make Dimension

Minimum	Maximum
13-1/2" W x 23-3/4" H (343 x 603)	48" W x 84" H (1 219 x 2 134)
Make Width (MW) = A - 1/2" (rounded to the nearest 1/4")	
Make Height (MH) = B - 1/2" (rounded to the nearest 1/4")	

Cottage windows must be between 40-1/4" and 71" make height.

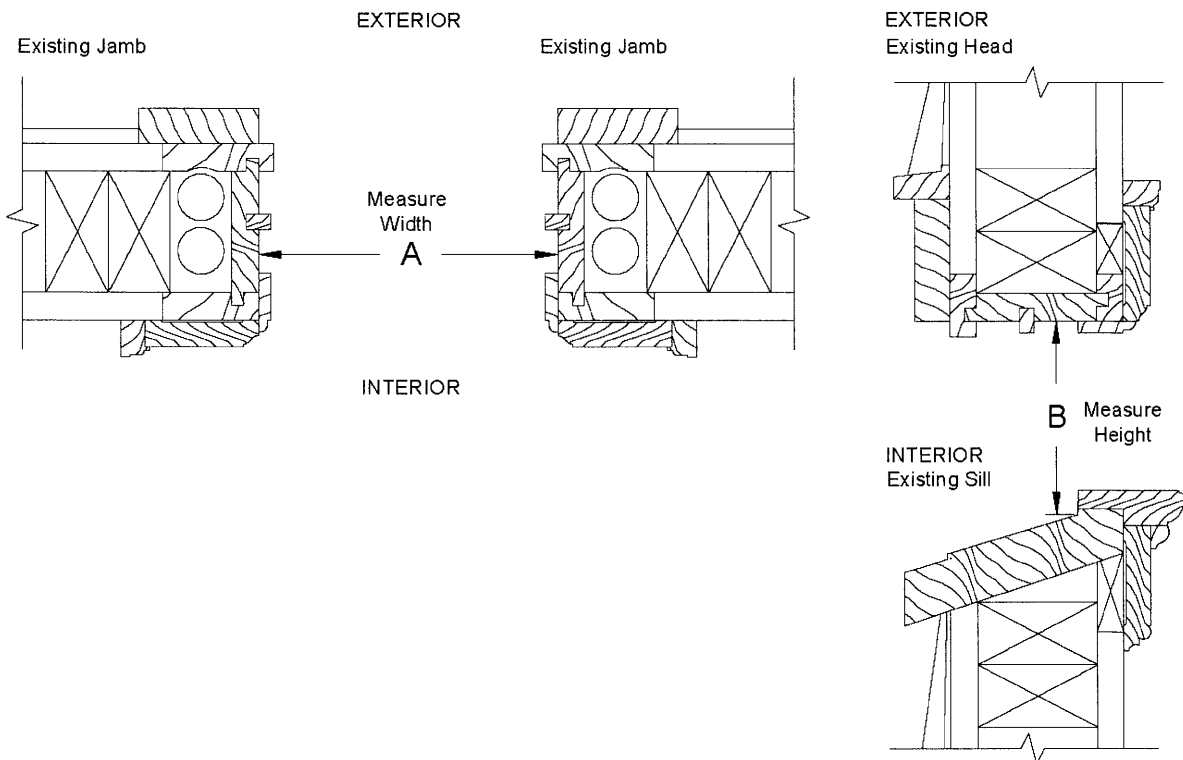


Shaded portion shows vent area.

Miscellaneous Formulas (Equal Sash Only)

Visible Glass	Width = MW - 5.75" Height = (MH - 7.6875") ÷ 2
Actual Glass	Width = MW - 4.75" Height = (MH - 5.6875") ÷ 2
Clear Opening	Width = MW - 3.375" (Frame Height ÷ 2) - 5.1875"
Vent Area Ft²	(COW x COH) ÷ 144

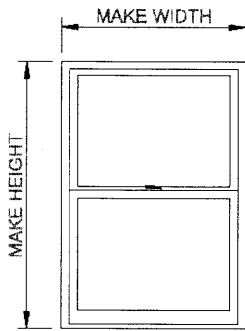
Measurement guidelines





Architect Series® Traditional Precision-Fit Hung Window

Size and Measurement Guidelines



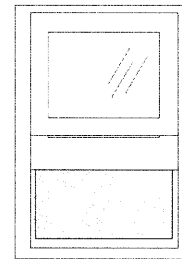
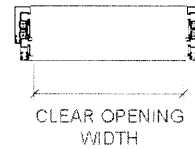
Interior view shown.

Refer to unit cross sections in this section for Make Width and Make Height dimensions.

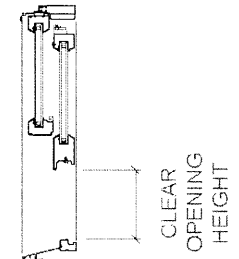
Architect Series Make Dimension

Minimum	Maximum
13-1/2" W x 23-3/4" H (343 x 603)	48" W x 84" H (1 219 x 2 134)
Make Width (MW) = A - 1/2" (rounded to the nearest 1/4")	
Make Height (MH) = B - 1/2" (rounded to the nearest 1/4")	

Cottage windows must be between 40-1/4" and 71" make height.



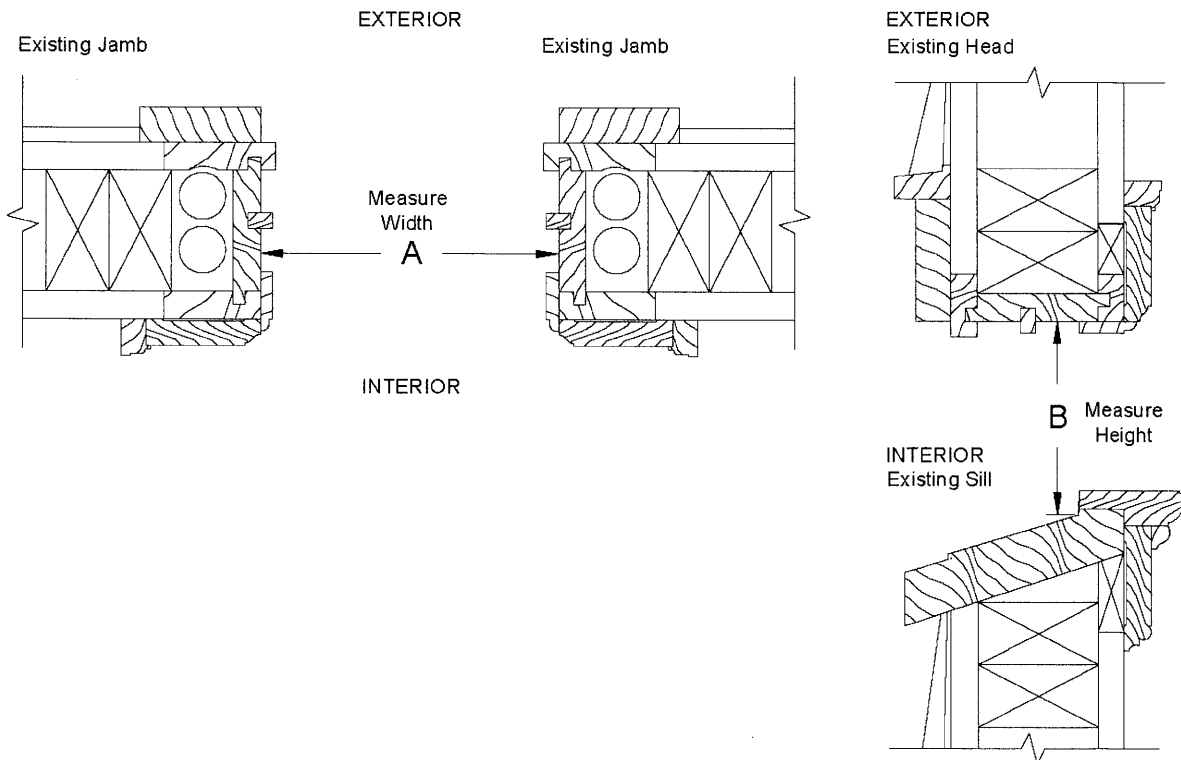
Shaded portion shows vent area.



Miscellaneous Formulas (Equal Sash Only)

Visible Glass	Width = MW - 5.75" Height = (MH - 7.6875") ÷ 2
Actual Glass	Width = MW - 4.75" Height = (MH - 5.6875") ÷ 2
Clear Opening	Width = MW - 3.375" (Frame Height ÷ 2) - 5.1875"
Vent Area Ft²	(COW x COH) ÷ 144

Measurement guidelines

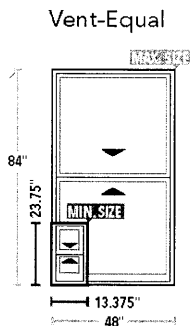




Architect Series[®] Traditional Precision-Fit Hung Window

Design Data

Make Size Ranges



Make Width = Opening width - 1/2" (rounded to the nearest 1/4")
Make Height = Opening width - 1/2" (rounded to the nearest 1/4")

Cottage and custom sash splits also available.
Cottage Sash windows must be between ≥ 40-1/2" and ≤ 71-1/2" make height.
Companion fixed windows available. See Precision Fit Casement window offering for matching glass sight-lines, or see the Fixed Frame Direct Set offering.

- CW40
- CW45
- CW50-Clad / CW45-Wood

Check all applicable local codes for emergency egress requirements.
E Meets min. clear opening 24" H x 20" W and 5.7 ft².
E1 Meets min. clear opening 24" H x 20" W and 5.0 ft².

Standard Sizes

Vent - Equal Sash																
	21	23.5	25	27.5	29	29.5	31.5	33	35.5	37	39.5	41	41.5	45	48	
84			E ₁	E ₁	E	E	E	E	E	E	E	E	E	E	E	
77			E ₁	E ₁	E	E	E	E	E	E	E	E	E	E	E	
71.5														E	E	
71														E	E	
65.5														E	E	
65														E	E	
61.5														E	E	
59.5														E	E	
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47.5																
47																
45.5																
41.5																
41																
37.5																
35.5																
35																

Standard sizes shown, unless noted otherwise. Special sizes are available in 1/4" increments.
Maximum performance when glazed with the appropriate glass. For special size units, use the performance class and grade for the next larger standard size unit.



Architect Series® Traditional Precision-Fit Hung Window

Detailed Product Description - Aluminum-Clad Exterior

Frame

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are [LX: [clear pine][mahogany][douglas fir]] [SE: clear pine].
- Exterior surfaces are clad with aluminum.
- Components are assembled with screws, staples and concealed corner locks.
- Pocket depth is 3-1/4" (83mm).
- Vinyl jamb liner [LX includes wood / clad inserts].

Sash

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are [LX: [clear pine][mahogany][douglas fir]] [SE: clear pine].
- Exterior surfaces are clad with aluminum and sealed.
- Sash thickness is 1-7/8" (47mm).
- Upper sash has surface-mounted wash locks.
- Lower sash has concealed wash locks in lower check rail.
- Sashes tilt for easy cleaning.

Weatherstripping

- Water-stop Santoprene-wrapped foam at head and sill.
- Thermoplastic elastomer bulb with slip-coating set into lower sash for tight contact at check rail.
- Vinyl-wrapped foam inserted into jamb liner or jamb liner components to seal against sides of sash.

Glazing System

- Quality float glass complying with ASTM C 1036.
- Custom and high altitude glazing available.
- Silicone-glazed 1 1/16" dual-seal insulating glass [[annealed][tempered]] [[clear][Advanced Low-E][SunDefense™ Low-E][Advanced Comfort Low-E][Natural Sun Low-E with argon]] [[bronze][gray][green] Advanced Low-E with argon].

Exterior

- Aluminum clad exteriors shall be finished with EnduraClad® protective finish, in a multi-step, baked-on finish.
 - Color is [standard][custom]2
- Aluminum clad exteriors shall be finished with EnduraClad Plus protective finish with 70% fluoropolymer resin in a multi-step, baked-on finish.
 - Color is [standard][custom]2

Interior

- [Unfinished, ready for site finishing][factory primed with one coat acrylic latex][pine: factory prefinished [paint][stain]2].

Hardware

- Galvanized block-and-tackle balances are connected to self-locking balance shoes which are connected to the sashes using zinc die cast terminals and concealed within the frame.
- Sash lock is [standard (cam-action)][historic spoon-style]. Two sash locks on units with frame width 37" and greater.
- Optional sash lift furnished for field installation. Two lifts on units with frame width 37" and greater.
- Hardware finish is [baked enamel][Champagne][White][Brown][Matte Black][Bright Brass][Satin Nickel][Oil-rubbed Bronze][Antique Brass][Distressed Bronze][Distressed Nickel].

Optional Products

Grilles

- Integral Light Technology® grilles
 - Interior grilles are [5/8"] [7/8"] [1-1/4"] ogee profile that are solid [LX: [pine][mahogany][douglas fir]] [SE: pine]. Interior surfaces are [unfinished, ready for site finishing][factory primed][pine: factory prefinished [paint][stain]2].
 - Exterior grilles are [5/8" putty glaze profile][7/8" putty glaze][ogee profile][1-1/4" putty glaze][ogee profile] that are extruded aluminum.
 - Patterns are [Traditional][Prairie][Top Row][New England][Victorian].
 - Insulating glass contains non-glare spacer between the panes of glass.
 - Grilles are adhered to both sides of the insulating glass with VHB acrylic adhesive tape and aligned with the non-glare spacer.
- Grilles-Between-the-Glass 3
 - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
 - Patterns are [Traditional][9-Lite Prairie][Cross][Top Row].
 - Interior color is [White][Tan 4][Brown 4][Putty 4][Black][Morning Sky Gray][Ivory][Sand Dune][Harvest][Cordovan][Brickstone].
 - Exterior colors is [standard]2.

Roomside Removable grilles

- Roomside Removable grilles
 - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
 - Patterns are [Traditional][9-Lite Prairie][Cross][Top Row].
 - Interior [unfinished, ready for site finishing][factory primed][pine: factory prefinished [paint][stain]2].
 - Exterior [unfinished, ready for site finishing][factory primed][finish color matched to exterior cladding]5.

Screens

- InView™ Screens
 - [Half-Size][Full-Size] black vinyl-coated 18/18 mesh fiberglass screen cloth complying with the performance requirements of SMA 1201, set in aluminum frame fitted to outside of window, supplied complete with all necessary hardware.
 - Spreader bar placed on units > 37" width or 64-1/4" make height.
 - Screen frame finish is baked enamel, color to match window cladding.
- Vivid View® Screens
 - [Full-size][Half-size] PVDF 21/17 mesh, minimum 78 percent light transmissive (transmissivity) screen, set in aluminum frame fitted to outside of window, supplied complete with all necessary hardware.
 - Spreader bar placed on units > 37" width or 64-1/4" make height.
 - Screen frame finish is baked enamel, color to match window cladding.

Hardware

- Optional factory applied limited opening device available for vent units in stainless steel; nominal 3-3/4" opening. Limiting device concealed from view.
- Optional factory applied window opening control device. Device allows window to open less than 4" with normal operation, with a release mechanism that allows the sash to open completely. Complies with ASTM F2090-10.

(1) Low-E coated insulating glass is argon-filled (except high altitude). All other insulating glass (including high altitude Low-E) is air-filled.

(2) Contact your local Pella sales representative for current color options.

(3) Available in clear or Low-E insulating glass with argon, and obscure insulated glass.

(4) Tan, Brown and Putty Interior GBG colors are available in single-tone (Brown/Brown, Tan/Tan or Putty/Putty). Other interior colors are also available with Tan or Brown exterior.

(5) Appearance of exterior grille color will vary depending on Low-E coating on glass.



Architect Series® Traditional Precision-Fit Hung Window

Detailed Product Description - Wood Exterior Sash

Frame

- Select softwood, water-repellent, preservative-treated with EnduraGuard® triple wood protection in accordance with WDMA I.S.-4. EnduraGuard triple protection formula includes water-repellency, three active fungicides and an insecticide applied to the frame.
- Interior exposed surfaces are [pine] [mahogany].
- Exterior surfaces are clad with aluminum.
- Pocket depth is 3-1/4" (83mm).
- Vinyl Jamb liner includes wood / clad inserts.

Sash

- Select softwood, water-repellent, preservative-treated with EnduraGuard triple wood protection in accordance with WDMA I.S.-4. EnduraGuard triple protection formula includes water-repellency, three active fungicides and an insecticide applied to the sash.
- Interior exposed surfaces are [pine] [mahogany].
- Exterior surfaces are [pine] [mahogany].
- Sash thickness is 1-13/16" (46mm).
- Upper sash has surface-mounted wash locks.
- Lower sash has concealed wash locks in lower check rail.

Weatherstripping

- Water-stop Santoprene-wrapped foam at head and sill.
- Thermoplastic elastomer bulb with slip-coating set into lower sash for tight contact at check rail.
- Vinyl-wrapped foam inserted into jamb liner or jamb liner components to seal against sides of sash.

Glazing System

- Quality float glass complying with ASTM C 1036.
- Silicone-glazed 1 1/16" dual-seal insulating glass [[annealed] [tempered]] [[clear] [Advanced Low-E with argon] [SunDefense™ Low-E with argon] [Advanced Comfort Low-E with argon] [NaturalSun Low-E with argon]] [[bronze] [gray] [green] Advanced Low-E with argon].
- Custom and high altitude glazing available.

Exterior

- [Pine: factory primed with one coat acrylic latex] [Mahogany: [factory primed with one coat acrylic latex.] [Unfinished, ready for site finishing]].

Interior

- [Unfinished, ready for site finishing] [primed with one coat acrylic latex] [pine: [prefinished [paint] [stain] 4].

Hardware

- Galvanized block-and-tackle balances are connected to self-locking balance shoes which are connected to the sashes using zinc die cast terminals and concealed within the frame.
- Sash lock is [standard (cam-action)] [historic spoon-style] [air-conditioner lock] [simulated lock (Single-piece lock ties upper and lower sash together. When removed, lower sash becomes operable)]. Two sash locks on units with frame width 37" and greater.
- Optional sash lift furnished for field installation. Two lifts on units with frame width 37" and greater.
- Hardware finish is [baked enamel [Champagne] [White] [Brown] [Matte Black]] [Bright Brass] [Satin Nickel] [Oil-rubbed Bronze].

Optional Products

Grilles

- Integral Light Technology® grilles
 - Interior grilles are solid [5/8"] [7/8"] [1-1/4"] ogee profile that are solid [pine] [mahogany]. Interior surfaces are [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [paint] [stain] 4].
 - Exterior grilles are solid [5/8"] [7/8"] [1-1/4"] putty glaze profile that are [pine] [mahogany]. Exterior surfaces are water repellent, preservative-treated in accordance with WDMA I.S.-4, and are [unfinished, ready for site finishing] [factory primed].
 - Patterns are [Traditional] [Prairie] [Top Row] [New England] [Victorian].
 - Insulating glass contains non-glare spacer between the panes of glass.
 - Grilles are adhered to both sides of the insulating glass with VHB acrylic adhesive tape and aligned with the non-glare spacer

- or -
- Grilles-Between-the-Glass2
 - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
 - Patterns are [Traditional] [Prairie] [Cross] [Top Row]
 - Interior color is [White] [Tan2] [Brown2] [Putty2] [Black] [Morning Sky Gray] [Ivory] [Sand Dune] [Harvest] [Cordovan] [Brickstone].
 - Exterior colors is [Standard 4].

- or -

Removable grilles

- [[3/4"] [1-1/4"] [2"] regular] [[1-1/4"] [2"] colonial] profile, with [Traditional] [Prairie] patterns that are removable solid pine wood Grilles steel-pinned at joints and fitted to sash with steel clips and tacks.
- Interior [unfinished, ready for site finishing] [factory primed] [pine: prefinished [paint] [stain] 4]. Exterior [unfinished, ready for site finishing] [factory primed] [finish color matched to exterior claddings].

Screens

- InView™ Screens
 - [Half-Size] [Full-Size] black vinyl-coated 18/18 mesh fiberglass screen cloth complying with the performance requirements of SMA 1201, set in aluminum frame fitted to outside of window, supplied complete with all necessary hardware.
 - Spreader bar placed on units > 37" width or 64-1/4" make height.
 - Screen frame finish is [baked enamel [Champagne] [White] [Brown] [Black]] [Wrapped in wood veneer, finished to match interior finish].

- or -
- Vivid View® Screens
 - [Full-size] [Half-size] PVDF 21/17 mesh, minimum 78 percent light transmissive screen, set in aluminum frame fitted to outside of window, supplied complete with all necessary hardware.
 - Spreader bar placed on units > 37" width or 64-1/4" make height.
 - Screen frame finish is [baked enamel [Champagne] [White] [Brown] [Black]] [Wrapped in wood veneer, finished to match interior finish].

Hardware

- Optional factory applied limited opening device available for vent units in stainless steel; nominal 3-3/4" opening. Limiting device concealed from view.
- Optional factory applied window opening control device available. Device allows window to open less than 4" with normal operation, with a release mechanism that allows the sash to open completely. Complies with ASTM F2090-10.

(1) Insulating glass with argon is Low-E coated. All other insulating glass is air-filled.

(2) Available in clear or Low-E insulating glass with argon, and obscure insulated glass.

(3) Tan and Brown Interior GBG colors are available in single-tone (Brown/Brown or Tan/Tan). Other interior colors are also available with Tan or Brown exterior.

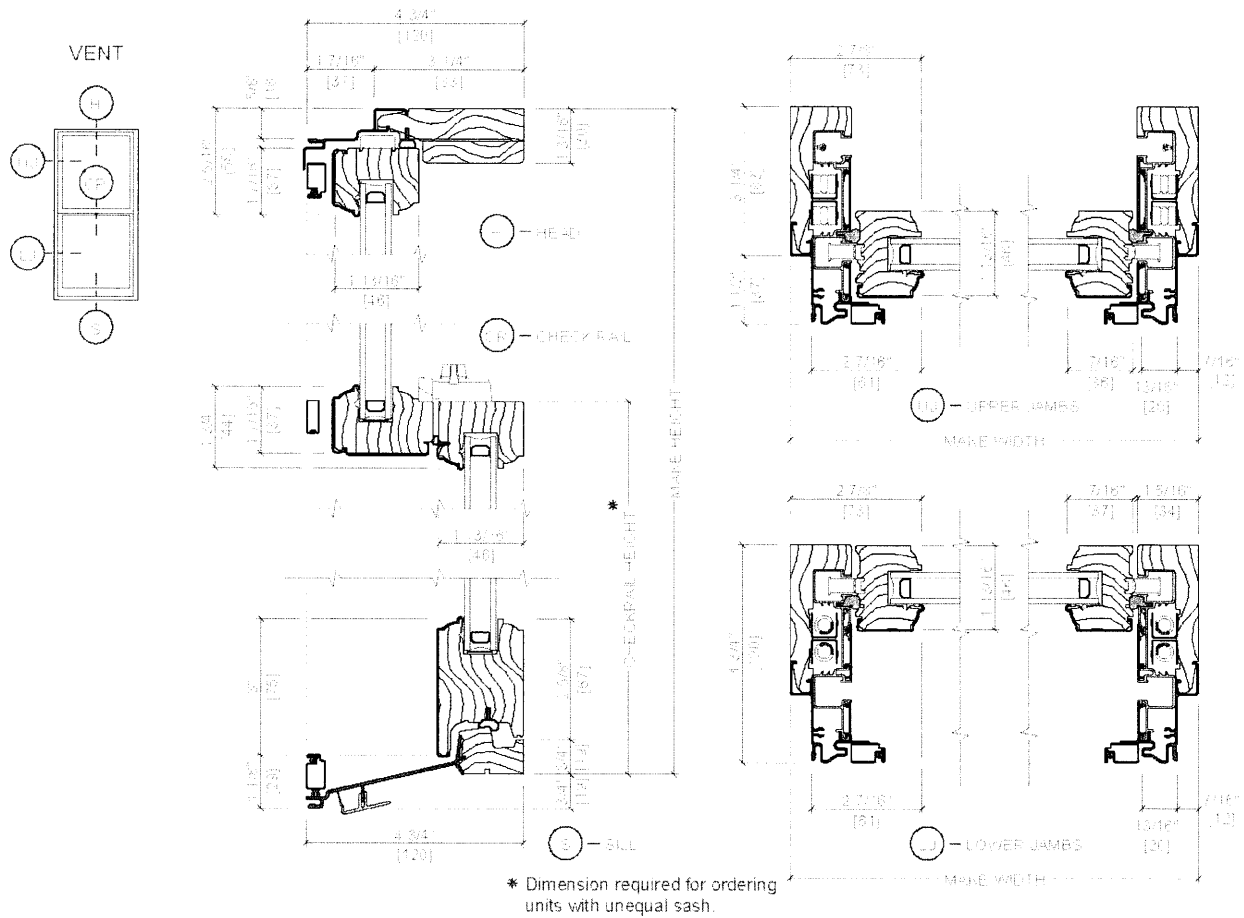
(4) Contact your local Pella sales representative for current color options.

(5) Appearance of exterior grille color will vary depending on Low-E coating on glass.



Architect Series® Traditional Precision-Fit Hung Window

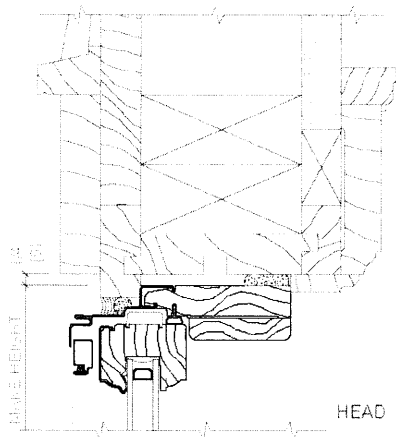
Unit Section - Aluminum-Clad Exterior Ogee Exterior Glazing Profile





Architect Series® Traditional Precision-Fit Hung Window

Installation Details - Aluminum-Clad Exterior



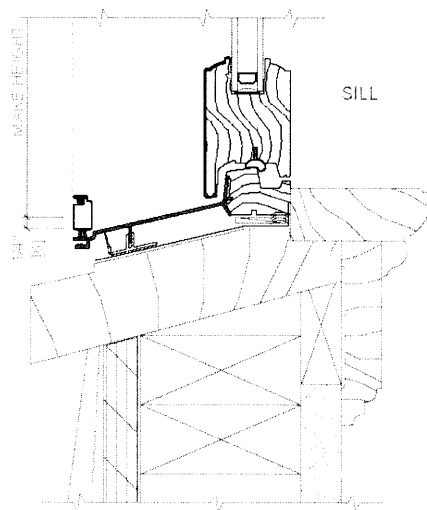
NOTE:

WALL CONSTRUCTION AND OLD DOUBLE-HUNG FRAME SHOWN ARE EXISTING; OLD DOUBLE-HUNG SASH HAS BEEN REMOVED.

REFER TO THE APPROPRIATE PELLA INSTALLATION INSTRUCTION FOR COMPLETE STEP BY STEP INSTRUCTIONS.

SHIM AND PLUMB UNITS AS REQUIRED.

SEAL UNIT TO EXTERIOR / BLIND STOP.



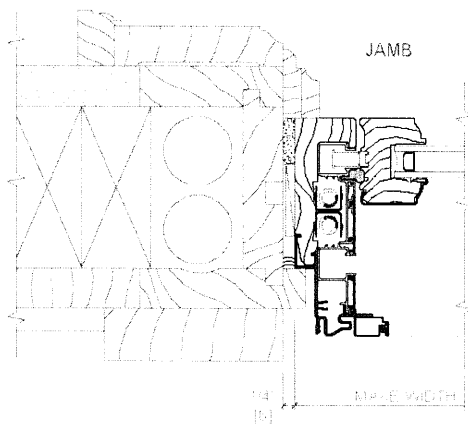
SEAL THE UNIT TO EXISTING STOOL AND WINDOW SILL.

SEAL ADJUSTABLE SILL ADAPTER TO EXISTING WOOD SILL.

LEVEL UNITS AS REQUIRED.

NOTE:

THE ADJUSTABLE SILL ADAPTER MAY BE REMOVED WHEN THE EXISTING WINDOW SILL HAS A SLOPE OF 12 DEGREES OR LESS.



INSULATE ALL VOIDS AT WINDOW PERIMETER (BY OTHERS).

SEAL UNIT TO EXTERIOR / BLIND STOP.

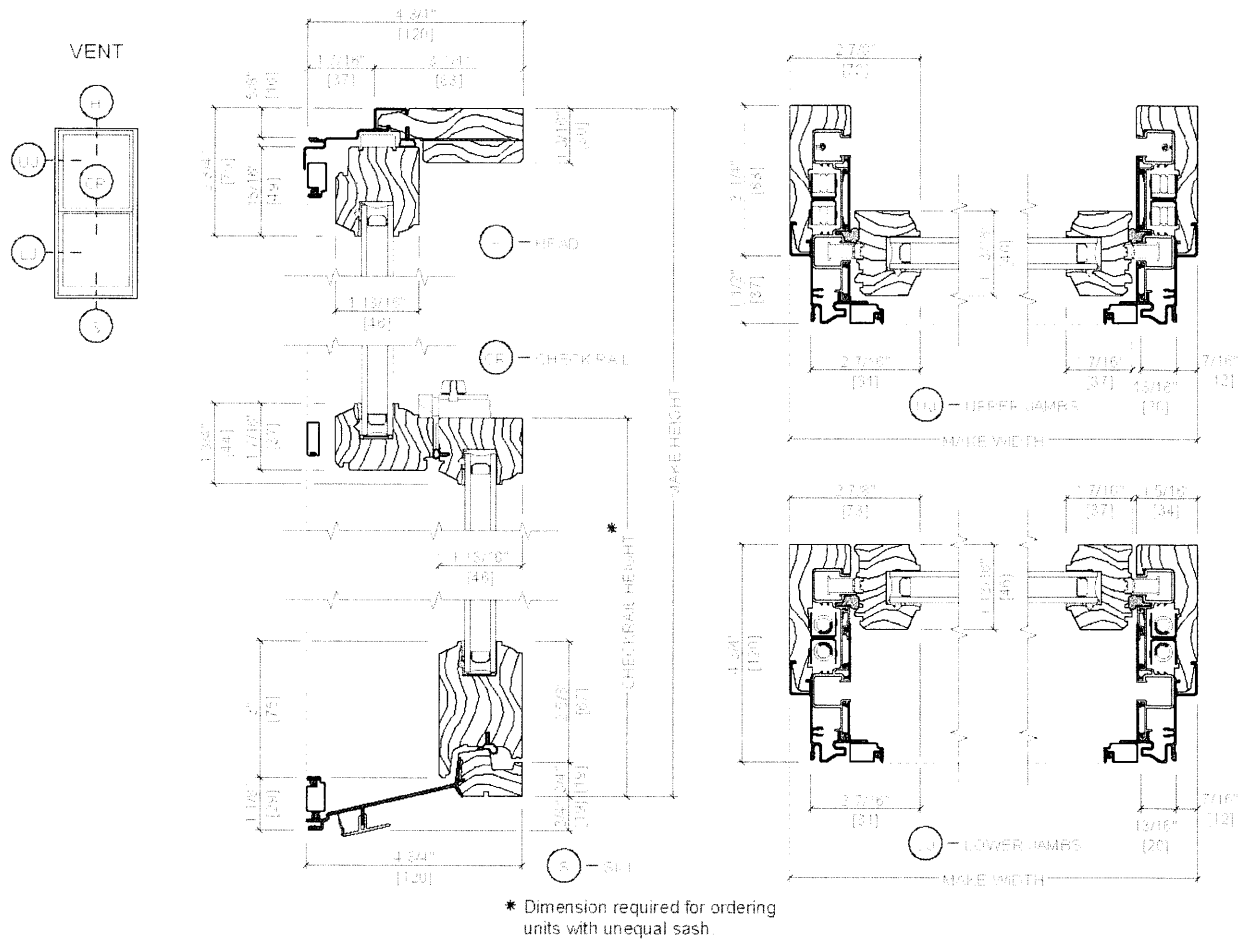
Scale 3" = 1' 0"

All dimensions are approximate.



Architect Series® Traditional Precision-Fit Hung Window

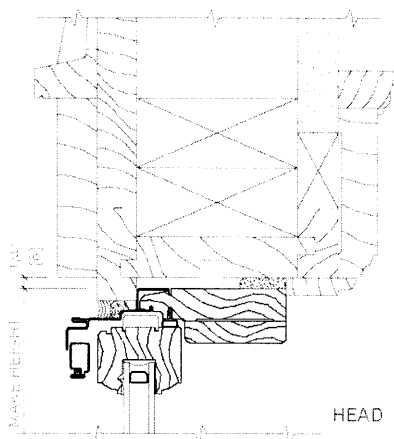
Unit Section - Wood Exterior Sash Putty Exterior Glazing Profile





Architect Series® Traditional Precision-Fit Hung Window

Installation Details - Wood Exterior Sash

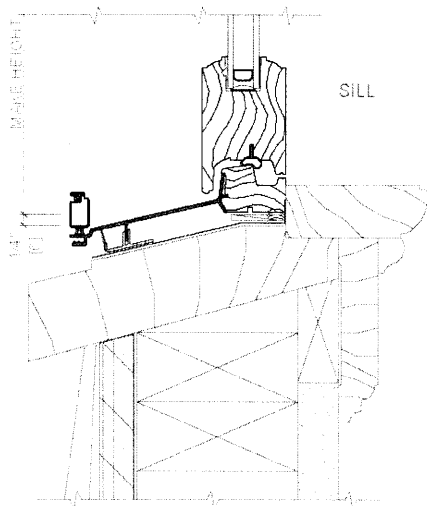


NOTE:

WALL CONSTRUCTION AND OLD DOUBLE-HUNG FRAME SHOWN ARE EXISTING; OLD DOUBLE-HUNG SASH HAS BEEN REMOVED. REFER TO THE APPROPRIATE PELLA INSTALLATION INSTRUCTION FOR COMPLETE STEP BY STEP INSTRUCTIONS.

SHIM AND PLUMB UNITS AS REQUIRED.

SEAL UNIT TO EXTERIOR / BLIND STOP.



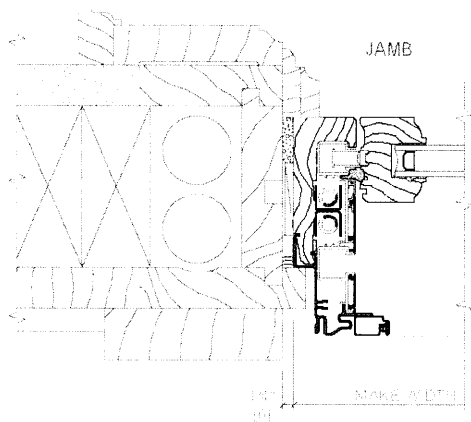
SEAL THE UNIT TO EXISTING STUOL AND WINDOW SILL.

SEAL ADJUSTABLE SILL ADAPTER TO EXISTING WOOD SILL.

LEVEL UNITS AS REQUIRED.

NOTE:

THE ADJUSTABLE SILL ADAPTER MAY BE REMOVED WHEN THE EXISTING WINDOW SILL HAS A SLOPE OF 12 DEGREES OR LESS.



INSULATE ALL VOIDS AT WINDOW PERIMETER (BY OTHERS).

SEAL UNIT TO EXTERIOR / BLIND STOP.

Scale 3/4\" = 1' 0"

All dimensions are approximate.



Charleston Historic Landmarks Commission
PUBLIC HEARING NOTICE

Until further notice, CHLC hearings will be accessible via Zoom.

Case Description

COA-20-0202: Application of Raj & Nikki Chugha requesting a certificate of appropriateness in order to replace the original slate roof with GAF Slateline shingles on the property located at **1629 Quarrier Street**.

The file (including the application and other supporting documentation) is available for your inspection online at <https://charlestonwv.civicclerk.com/>. If you have questions, email lori.brannon@cityofcharleston.org or call 304-348-8105.

Hearing Details

WHEN: 4:00 pm
Thursday, October 15, 2020

WHERE: Join via internet at:
<https://us02web.zoom.us/j/82589785249?pwd=cFR5QkVYTlZwR3M3MzhiOWk5ME9rdz09>
Or call: 312-626-6799 or 929-436-2866 or 346-248-7799
Webinar ID: 825 8978 5249
Password: 527950

Public Participation

Anyone who wishes to comment on the case described above is encouraged to do so in one of the following ways:

1. Send a written statement to lori.brannon@cityofcharleston.org. These statements will become a part of the record and will be shared with members of the Commission prior to the hearing.
2. Speak directly to the Commission by joining the meeting via Zoom using the details listed above. ***Please provide your name and the phone number or e-mail address you'll be using to join the hearing to lori.brannon@cityofcharleston.org by 5 pm on Tuesday, October 13, 2020.***

As a matter of general policy these proceedings will not be transcribed by the Commission. Anyone wishing a legal transcript must provide a court reporter at his/her own expense.

Charleston Historic Landmarks Commission

Application for Certificate of Appropriateness

of A # _____

Hearing Date: _____

Name of Landmark or Historic District _____

Applicant Information	Property Information
Name: <u>RAJ & NIKKI CHUGHA</u>	Address: <u>1629 QUARRIER ST.</u> <u>CHARLESTON, WV 25311</u>
Address: <u>1330 VIRGINIA ST. #1</u> <u>CHARLESTON, WV 25301</u>	Tax Map and Parcel: <u>25 0104 0000 0000</u>
Phone: <u>240-432-5232 / 304-881-9963</u>	Zoning District: <u>11 - CHARLESTON E</u>
Agent Name, Address and Phone Number: (if other than applicant) <u>N/A</u>	Property Owner and Mailing Address: (if other than applicant) <u>SAME AS ABOVE</u>

IMPORTANT: This application must be typed or legibly printed and filed with the Planning Department, 915 Quarrier Street, Suite 1 Charleston, WV 25301. The following items must accompany this application: 1) a site plan drawn to scale; 2) shop drawings; 3) a list of the owners of adjacent properties with their mailing addresses; 4) photographs, elevations, testimonials or other documentation, which may support your application. You or your representative must be present at the scheduled public hearing in order to present your request and answer questions. THE PLANNING DEPARTMENT WILL NOT ACCEPT ANY INCOMPLETE APPLICATIONS.

The request for a Certificate of Appropriateness involves:

☒ Repair ☐ Alteration ☐ New Construction ☐ Demolition

Is this a tax credit project?

☐ Yes ☒ No

Please describe the proposed work to be done on the property. Replace Existing Roof
WITH GAF SLATE LINE -- Example in Planning Office

What measures are being taken to retain and preserve the historic character of the property? Are existing materials being restored or replaced in like kind? Visually Similar

How are the distinctive, character-defining features of the structure being affected or altered by the proposed work? NOT

Is the work planned in accordance with substantiated documentation, physical or pictorial evidence? If so, please explain and attach copies to this application. _____

Does any proposed new construction honor the historic materials that characterize the property and conform to the massing, size and scale of the historic environment? Explain. YES

I hereby affirm that all of the statements and information contained in or filed with this application are true and correct to the best of my knowledge.

Signature

Date

Planning Department Use Only	
The following is a list of related cases:	
The following is a list of zoning ordinance violations, building code violations and enforcement actions relating to the subject property:	
Application reviewed by:	
Action: ☐ Approved ☐ Rejected	
If approved, were there any specific conditions or limitations imposed by the CHLC?	
Planning Official Signature and Title	Date





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GAF

Antique Slate

*This shingle captures
the traditional look of
slate; it's a cool gray hue
that pairs well with cool
companion colors. It
also adds a rich look to
light brick exteriors.*



Note: It is difficult to reproduce this color exactly and actual color may vary. Before selecting your color, please ask to see physical full-size samples.





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- Non-prorated coverage for the first 10 years!*



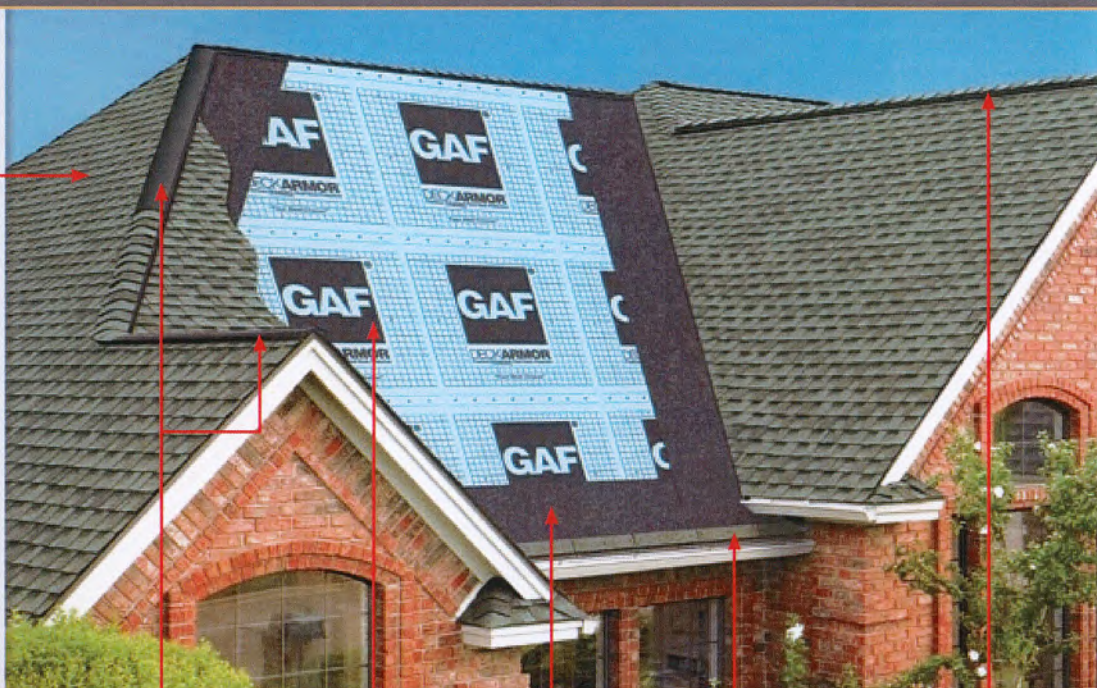
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Advanced Protection® Shingle Technology provides excellent protection for your home while reducing the use of precious natural resources. That's better for your home—and better for the environment!

To learn more about why Advanced Protection® Shingles are your best choice, visit gaf.com/APS/.



GAF

Cobra® Attic Ventilation

Helps remove excess heat and moisture from your attic to promote energy efficiency in your home and help extend the life of your roof.

GAF

Roof Deck Protection

Provides an exceptionally strong layer of protection against wind-driven rain; some even allow moisture to escape from your attic. Also, lies flatter for a better-looking roof.

GAF

Leak Barrier

Provides exceptional protection against leaks caused by roof settling and extreme weather. Ideal upgrade at all vulnerable areas (including at the eaves in the North!).

GAF

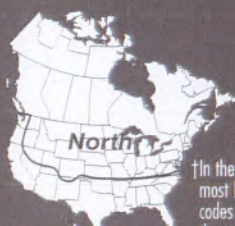
Starter Strip Shingles

Saves time, eliminates waste, and reduces the risk of blow-off...and may even help qualify for upgraded wind warranty coverage (see GAF Shingle & Accessory Ltd. Warranty for details).

GAF

Ridge Cap Shingles

Enhances the beauty of your home while guarding against leaks at the hips and ridges.



*In the North, most building codes require the use of Leak Barrier at the eaves.

SHINGLE & ACCESSORY LTD. WARRANTY
Lifetime
LTD. WARRANTY TERM

*See GAF Shingle & Accessory Ltd. Warranty for complete coverage and restrictions. The word "Lifetime" refers to the length of coverage provided by the GAF Shingle & Accessory Ltd. Warranty and means as long as the original individual owner(s) of a single-family detached residence (or the second owner(s) in certain circumstances) owns the property where the shingles and accessories are installed. For owners/structures not meeting the above criteria, Lifetime coverage is not applicable. Lifetime Ltd. Warranty on accessories requires the use of at least three qualifying GAF accessories and the use of Lifetime Shingles.



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