ANN ARBOR HISTORIC DISTRICT COMMISSION

Staff Report

ADDRESS: 309 South Main, Application Number HDC19-047

DISTRICT: Main Street Historic District

REPORT DATE: April 11, 2019

REPORT PREPARED BY: Jill Thacher, Historic Preservation Coordinator

REVIEW COMMITTEE DATE: Monday, April 8, 2019

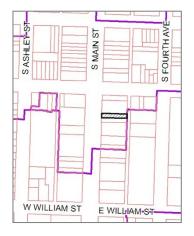
OWNER APPLICANT
Name: 309 S Main, LLC Chris Biggers

Address: 1735 Fairview St 127 E Commerce Saline, MI 48176 Milford, MI 48381

Phone: (734) 645-5409 (248) 886-4460

LOCATION: The site is located on the east side of South Main Street, south of E. Liberty and north of E. William. The most recent tenant was the Melting Pot restaurant.

BACKGROUND: The three-story building was constructed in 1866 in an Italianate vernacular style. It featured a prominent cornice and hooded arched windows. The original first floor tenant was Fred Gross Clothing.





305 & 309 (at right) S Main, pre-1871



309 S Main, 1958 (AADL Old News)

In 1916 the front of the building was altered to its current yellow brick façade. Photos from the 1950s show the building covered in metal panels. The tenant was Dietzel's Shoe Store, and the storefront had recessed show windows on either side. After Dietzel's closed in 1987, the storefront was removed and boarded up. Note the second floor window configuration.

In January 1992, the Commission granted permission to remodel the storefront by bringing it out flush with the front of the building in a wood framed design that matches that of 311 S Main next door.

Certificates of Appropriateness were issued by the HDC at their February and April, 2008 meetings to rebuild the storefront to its current configuration. The original proposal was to expose the brick columns on either side

of the storefront, but during demolition it was determined that the bricks on the south end had been damaged by epoxy. Rather than replace these bricks, the wood storefront was extended to cover the bricks on the north and south. (See March 2008 photos at end of report)

In 2010, the HDC approved a new roof deck exit stair on the rear elevation.

APPLICATION: The applicant seeks HDC approval to replace four single and two triple vinyl windows on the front elevation with aluminum clad windows; and replace the current wood storefront with an aluminum storefront system, two metal doors, and stone cladding surrounding the windows.



309 S. Main, January 2008

APPLICABLE REGULATIONS:

From the Secretary of the Interior's Standards for Rehabilitation:

- (1) A property will be used as it was historically or be given a new use that requires minimal change to its distinctive materials, features, spaces, and spatial relationships.
- (2) The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, spaces, and spatial relationships that characterize a property will be avoided.

(9) New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.

From the Secretary of the Interior's Guidelines for Rehabilitating Historic Buildings (other SOI Guidelines may also apply):

Storefronts

<u>Recommended:</u> Designing and constructing a new storefront when the historic storefront is completely missing. It may be an accurate restoration using historical, pictorial, and physical documentation; or be a new design that is compatible with the size, scale, material, and color of the historic building.

<u>Not Recommended:</u> Introducing a new design that is incompatible in size, scale, material, and color.

Building Site

<u>Not Recommended:</u> Removing or radically changing buildings and their features or site features which are important in defining the overall historic character of the property so that, as a result, the character is diminished.

Windows

<u>Recommended:</u> Designing and installing new windows when the historic windows (frames, sash and glazing) are completely missing. The replacement windows may be an accurate restoration using historical, pictorial, and physical documentation; or be a new design that is compatible with the window openings and the historic character of the building.

<u>Not Recommended:</u> Introducing a new design that is incompatible with the historic character of the building.

From the Ann Arbor Historic District Design Guidelines:

Design Guidelines for Storefronts

<u>Appropriate</u>: Designing and constructing a new storefront when the historic storefront is completely missing. It may be an accurate restoration using historical, pictorial, ad physical documentation; or may be a new design that is compatible with the size, scale, and material of the historic building. New designs should be flush with the façade and be kept as simple as possible.

<u>Not Appropriate:</u> Installing a new storefront that is incompatible in size and material with the historic building and district.

Signs

<u>Appropriate:</u> Installing signage in the historic sign band area of the building, typically the area above the transoms or just above the storefront.

Installing signage that is compatible in size, style, material, and appearance to the historic resource and district.

Placing signs to align with others along the commercial block face.

Installing signage that is subordinate to the overall building composition.

Windows

<u>Appropriate:</u> If a window is completely missing, replacing it with a new window based on accurate documentation of the original or a new design compatible with the original opening and the historic character of the building. Materials other than wood will be reviewed by the Commission on a case-by-case basis.

STAFF FINDINGS:

- 1. This building has had a number of modern storefronts, and the configuration of the storefront from the period of significance (after the 1916 façade remodel) is unknown. The proposed aluminum storefront and recessed doors are simple and appropriate. The proportions are appropriate and align reasonably well with adjacent storefronts. The cast stone cladding is a modern material that staff feels does not detract from the character of South Main Street and surrounding historic structures.
- 2. The sign band is being shown as the small yellow brick area above the new storefront. The signage is dimensioned on the plans and, if approved, will allow staff to approve future signage that does not exceed these dimensions, in this location. Any other signage must be reviewed by the HDC instead of staff.
- 3. The second and third story windows are vinyl. Photos from 1958 through the 1992 survey card (attached) show the same openings, with one-over-one single windows but triple windows with a larger fixed pane in the center flanked by smaller one-over-one windows. The application proposes three equal-width windows with a ¾ height sash (fixed or casement is not specified) over a ¼ height awning sash. These proportions have no historic basis on this building. It would be appropriate to install triple windows with proportions to match the existing, which match photos back to 1958, unless evidence is found of a different window style between 1916 and 1958. Visually, the 1958-1992 windows are more balanced and historically appropriate with the one-over-one windows flanking a single center window. Therefore, the motion proposed by staff includes this as a condition.
- 4. In summary, staff finds that the redesign of the storefront is appropriate and meets the Secretary of the Interior's Standards and Guidelines, and the Ann Arbor Historic District Design Guidelines. As conditioned, replacing the vinyl windows with aluminum-clad windows in the earlier proportions shown in photographs, is also appropriate.

POSSIBLE MOTIONS: (Note that the motion is only a suggestion. The Review Committee, consisting of staff and at least two Commissioners, will meet with the applicant on site and then make a recommendation at the meeting.)

I move that the Commission issue a certificate of appropriateness for the application at 309 S. Main Street, a contributing property in the Main Street Historic District to replace four single and two triple vinyl windows on the front elevation with aluminum clad windows, and replace the current wood storefront with an aluminum storefront system, two metal doors, and stone cladding surrounding the storefront windows, on the following conditions: that the triple windows replicate the proportions and style of windows shown in photographs from 1958-1992. The work as conditioned is compatible in exterior design, arrangement, texture, material and relationship to the rest of the building and the surrounding area and meets the *Ann Arbor Historic District Design Guidelines* for storefronts, windows, and signs, and *The Secretary of the Interior's Standards for Rehabilitation* and *Guidelines for Rehabilitating Historic Buildings*, in particular standards 1, 2, and 9 and the guidelines for storefronts, windows, and building site.

MOTION WORKSHEET:

I move that the Commission issue a Certificate of Appropriateness for the work at <u>309 S. Main Street</u> in the <u>Main Street</u> Historic District

Provided the following condition(S) is (ARE) met: 1) STATE CONDITION(s)

The work is generally compatible with the size, scale, massing, and materials and meets the Secretary of the Interior's Standards for Rehabilitation, standard(S) number(S) (circle all that apply): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

ATTACHMENTS: Wineberg history, survey sheets, application, photos, drawings

Additional Staff Photos

Bricks flanking storefront (March 2008)







HIST DRY OF 309 S. MAIN STREET, ANN ARBOR, MICHIGAN

Researched and compiled by Susan Wineberg, Ann Arbor, Michigan, July 1987.

Earl est photograph:

1860's photograph shows 309 at the far right. Probably taken by John Haarer from his photography studio in the Mack and Schmid Block at Liberty and Main.

Earliest City Directory:

1868 lists George W. Moore, book-keeper for Bach and Abel, residing here. Have not been able to identify the first business. The address is listed as 57 S. Main. The 1860 City Directory has an H. Moore, carpenter, living on S. Main between Liberty and William, but we cannot be sure it is the same building.

Earliest Map:

1866 Bird's Eye Map of Ann Arbor shows a commercial building at this site.
The 1870 Surveyor's Map shows this in a different perspective.

Late: Maps:

The Sanborn insurance maps, which are an invaluable tool for the researcher, begin in the year 1888. This earliest Sanborn shows a commercial brick building at the site, numbered both 57 and 59 (when 307 S. Main was constructed in 1895, 309 became officially 59). This Sanborn also indicates music as the primary business here.

Later City Directories:

George W. Moore is listed as living here from 1868-1878. No tenant was located in the year 1883 and the tenant for the year 1886 was Reuben Kempf, music teacher, after whom the Kempf House is named. The 1888-89 City Directory lists J.P. Hoffman, dealer in planos and organs and Mrs. S.L. Hoffman, music teacher at #69. Ruchen Kempf at 57.

From 1892-c.1915, the store was occupied by a series of millinery shops, all owned and run by women. In the early 1890's we have Miss Florence Sterrett and Miss Lena Michael; from 1898-1906, the shop is known as the Utopia Millinery Parlors, run by Miss Minnie Steinbach-(see her-biography in the 1906 pamphlet Ann Arbor, The Athens of the West, p. 9)

From 1920-1930, Fred Gross had his clothing store here. Dr. Ganzhorn, physician and county coroner, had his offices here from 1920-1960's. From c. 1935-c 1955 Mr. Staeb carried on his clothing business with a number of partners. By 1960, Dietzel's Shoes occupied the commercial portion of the building.

ANN ARBOR, MICHIGAN HISTORIC	ARCHITECTURE	SURVEY SHEE	T NUMBER
SURVEY NAME	SURVEY DATE	ВҮ	
309			
ADDRESS 311 S. Main St.	GUODE	NT NAME	
HISTORIC NAME	BLOCK	PARCEL	BUILDING
LOCATION SECTION	BEOCK	PARCEL	BUILDING
TYPE USE PRIMARY	SECONDARY	ORIGINAL	ZONING
No. of FLOORS No. OCCUPIED	CELLAR OCCUPI		C OCCUPIED ?
FRONT DIRECTION SURFACE	MATERIAL	ROOF CO	VERING
ITEMS TO BE GRADED - PUT A CHEC	CK OR "X" IN TH	E APPROPRIATE	SQUARE SPACE
STRUCTURAL CONDITION MAINTENANCE QUALITY	GOOD GOOD	FAIR FAIR	POOR POOR
ALTERATIONS NONE OF MINOR	MODERA	TE EXTE	NSIVE
		DATE NATIONA LOCAL E	OF MENTION
		RARE MODERAT COMMON TOTAL CATEGOR	PATE Fall 1992 Huffaker

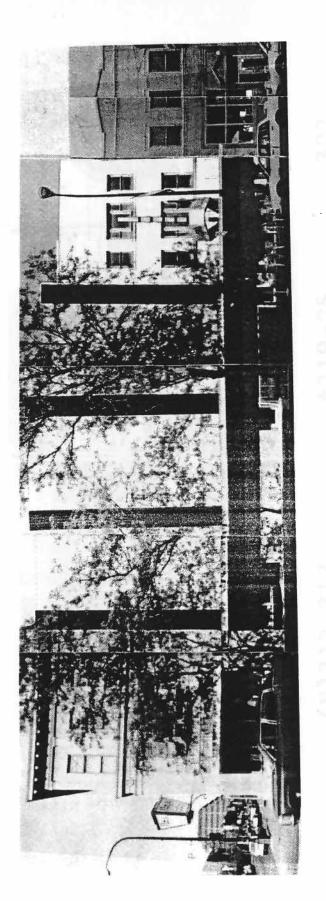
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HISTORIC NAME			CURRENT N	AME 5	PIETZE	in harmed here	
LOCATION	SECTION	BLOCK	PA	RCEL		BUILDING	
TYPE BUDG USE	PRIMARY 21	BECONDAR	RY 3, 2 OR	IGINAL	SAME	ZONING	22A
SURFACE MATERIAL	ALUM No. of FL	LOORS 🤣	No. OCCUP	IED	FRONT	DIRECTION	W
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4400	100						
ITEMS TO BE GRADE	D - PUT CHECK OF	NI "X" F	APPROPRI	ATE SC	UARE S	PACE	
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EFFECT OF THE SUF	ROUNDINGS ON THE	E BUILD!	ING	**********		LANCE LA	
GOOD	MODERATE	NEUT	TRAL.		DETRIM	ENTAL	
	0.00						
STRL CONDITION	GOOD	FAIF	?		POOR		
MAINTENANCE	GOOD	FAIF	?		POOR		
ALTERATIONS	NONE or MINOR	MODE	RATE	X	EXTENS	IVE	
AC IELA I TOUS	APPROPRIATE		INA	PPROPR	IATE		



X		****	
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8	NATIONAL IMPORT.		
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8	RARE		
	MODERATE		
	COMMON		
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	PHOTO DATE 6 JUL 7	3	
	BYKM		

FRAME

10



Main Street Historic District
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side,
(east
STREET
MAIN
SOUTH

(1880) 1906	1871	1866	1895	(1866) 1916	1930
(J. Baumgartner) German American Savings Bank	Henry Binder saloon	<pre>J. Laubengayer meats</pre>	Anton Teufel harness	Fred Gross clothing	Mu ehlig & Lanp hear hardware
Hutzel's	Lucky Drug's	Маг	Manika's Restaurant	vacant	City Grill
Colonial Revival	Italianate (co	(covered)		Commercial Vernacular	Commercial Vernacular
three	three			three	two
brick	brick			brick	brick
double-hung, one-over- one, transoms	covered			double-hung, one-over-one	double-hung, one-over-one
cornices, pilasters, bay window	round & segmented andles	nod arches		none	stone trim, tapestry brick



HISTORIC DISTRICT COMMISSION

PLANNING AND DEVELOPMENT SERVICES

City Hall: 301 E. Huron St. Ann Arbor, MI 48104-6120 *Mailing*: P.O. Box 8647, Ann Arbor, MI 48107-8647

Phone: 734.794.6265 ext. 42608

Fax: 734.994.8460

jthacher@a2gov.org

APPLICATION MUST BE FILLED OUT COMPLETELY

				PLANNING & DEVE	ELOPMENT SERVICES
PROPERTY LOCATIO	ON/OWNER INFORMATI	ON			
NAME OF PROPERTY OW	NER			HISTORIC DISTRICT	
309 S MAIN L	LC			D1	
PROPERTY ADDRESS					CITY
309 S MAIN S	ST.				ANN ARBOR
ZIPCODE	DAYTIME PHONE NUMBER	EMAIL ADI	DRESS		
	(734)645-5409	MGIII	VEZAN@GMAIL.CON	Λ	
PROPERTY OWNER'S AD	DRESS (IF DIFFERENT FROM ABO	IVICOL	VLZ/III@OW/IIL.OOM	CITY	STATE, ZIP
1735 FAIRVIE	W ST.			SALINE	48176
PROPERTY OWNER					
SIGN HERE	agdaling helle	Boy PRIN	T NAME MAGDALENA	GULVEZAN	DATE 3-28-2019
APPLICANT INFORT	MATION ((
	DIFFERENT FROM ABOVE)				
CHRIS BIGGE ADDRESS OF APPLICANT	RS				CITY
127 E COMME	RCE ST				MILFORD
STATE	ZIPCODE		PHONE / CELL #	FAX No	
MI	48381		2 48-886-4 4 60	()
EMAIL ADDRESS CB@BIGGDES					
APPLICANT'S SIGN	ATURE If different from	Property Owner)			
SIGN HERE	hi byg	PRINT	NAME X CHRIS BIGG	SERS	DATE 3/27/20
BUILDING USF - CI	HECK ALL THAT APPLY				
☐ SINGLE FAMILY	□ DUPLEX	□ RENTAL	☐ MULTIPLE FAMILY	2 COMMERCIAL	□ INSTITUTIONAL
PROPOSED WORK					
Describe in detail e	ach proposed exterior al	teration, improvemen	nt and/or repair (use additi	onal paper, if necessary	/).
REPLACEMEN	IT OF EXIST. VINYL	WINDOWS			
REPLACEMEN	NT OF EXIST. STOR	EFRONT FOR N	EW EGRESS STAIRS	REQUIRED BY C	ODE FOR 2ND FLOOR
OCCUPANCY.	NEW CAST STON	E IS PROPOSED	TO REPLACE THE E	EXISTING WOOD F	FACADE.
EXIST. BRICK	TO REMAIN AS-IS				
DESCRIBE CONDIT	IONS THAT JUSTIFY THE	PROPOSED CHANGES	S:		
EXISTING VIN	YL WINDOWS ARE	LEAKING, BROK	(EN, AND BEYOND R	EPAIR. THE VINY	L WINDOWS WERE
AN IN-EXPEN	SIVE WINDOW RE	PLACEMENT AT	THE TIME AND ARE F	PAST ALL WARRA	NTY AND LIFE SPAN.
A NEW EXIT S	STAIR IS REQUIRE	TO ALLOW 2ND I	FLOOR TENANT OCC	CUPANCY. THE EX	KISTING STAIR IS

IS CENTERED IN THE FIRST FLOOR AND CODE REQUIRES A DIRECT EXIT TO THE STREET FORCING STORE

For Jurg per Assistance With Required Attachments, please visit www.a2gov.org/hdc



HISTORIC DISTRICT COMMISSION APPLICATION

FEE CHART	
DESCRIPTION	
STAFF REVIEW FEES	FEE
Application for Staff Approval	\$35.00
Work started without approvals	Additional \$50.00
HISTORIC DISTRICT COMMISSION FEES	A
All other proposed work not listed below	\$100.00
Work started without approvals	Additional \$250.00
RESIDENTIAL - Single and 2-story Structure	
Addition: single story	\$300.00
Addition: taller than single story	\$550.00
New Structure - Accessory	\$100.00
New Structure – Principal	\$850.00
Replacement of single and 2-family window(s)	\$100 + \$25/window
COMMERCIAL – includes multi-family (3 or	more unit)
structures	
Additions	\$700.00
Replacement of multi-family and commercial window (s)	\$100 + \$50/window
Replacement of commercial storefront	\$250.00
DEMOLITION and RELOCATION	
Demolition of a contributing structure	\$1000.0
Demolition of a non-contributing structure	\$250.00
Relocation of a contributing structure	\$750.00
Relocation of a non-contributing structure	\$250.00

FOR COMMISSION REVIEWS:

- Application withdrawals made before public notice is published will qualify for a 50% refund of the application fee.
- Application withdrawals made after public notice is sent but before the public hearing will qualify for a 25% refund of the application fee.

INSTRUCTIONS FOR SUBMITTING APPLICATIONS

All HDC applications must be signed by the property owner and the applicant, if different, with the exception of staff approvals, which may be signed by only the applicant.

All completed HDC applications and their attachments may be submitted to Planning and Development Services by mail, in person (paper or digital), faxed, or via email to building@a2gov.org.

We accept CASH, CHECK, and all major credit cards. Checks should be made payable to "City of Ann Arbor"

HDC applications that are incomplete or not submitted with the required documentation or payment will not be processed or approved.

APPLICATION EXPIRATION

HDC applications expire three (3) years after the date of approval.

OFFICE USE ONLY		
Date of Hearing:		
A - 4:	☐ HDC COA	☐ HDC Denial
Action	☐ HDC NTP	☐ Staff COA
Staff Signature		
Fee:	\$ 100	
Payment Type	☐ Check: #	







(E) STOREFRONT



SHALIMAR



(E) STREET VIEW



JOLLY PUMPKIN

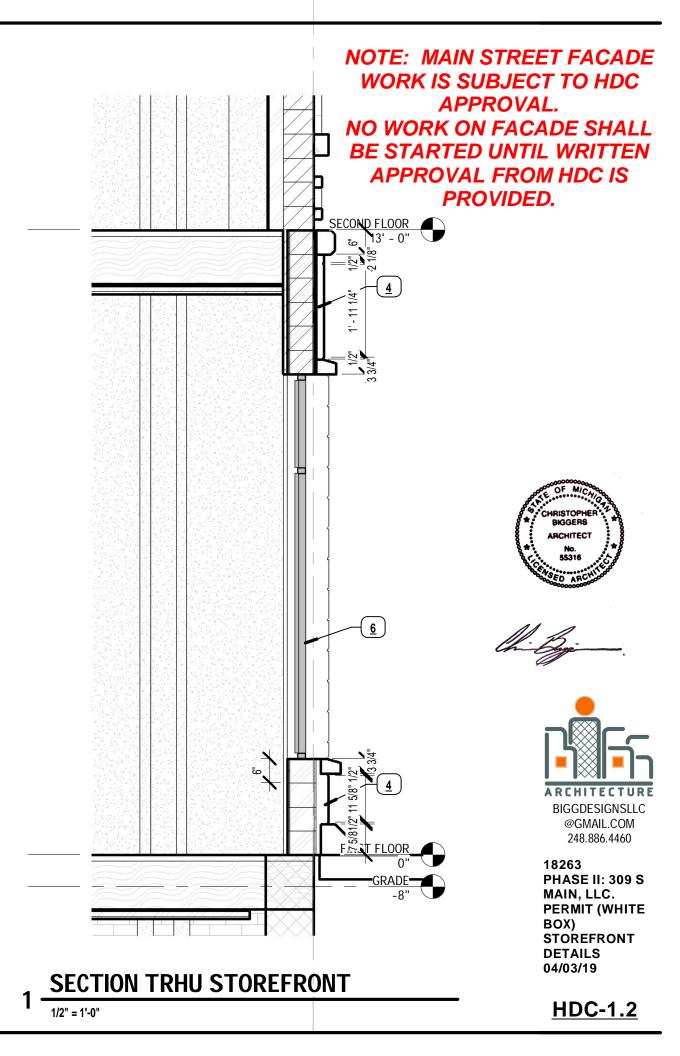






18263
PHASE II: 309 S
MAIN, LLC.
PERMIT (WHITE
BOX)
STOREFRONT
TYPOLOGIES
04/02/19

HDC-1

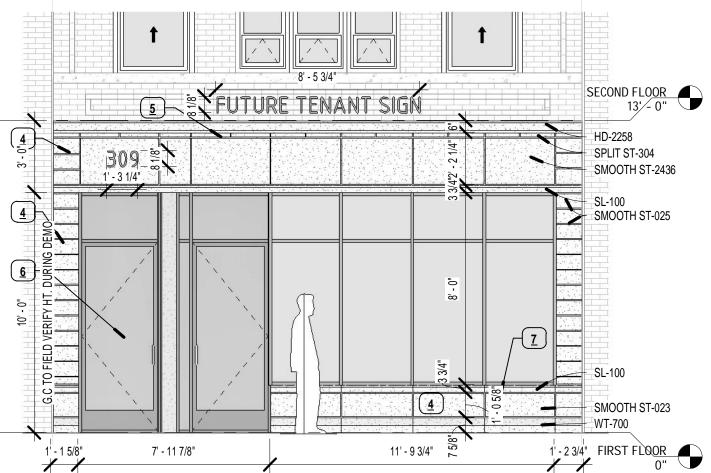






NOTE: MAIN STREET FACADE WORK IS SUBJECT TO HDC APPROVAL. NO WORK ON FACADE SHALL

BE STARTED UNTIL WRITTEN
APPROVAL FROM HDC IS
PROVIDED.



STORE FRONT ELEVATION

1/4" = 1'-0"

ELEVATION NOTES

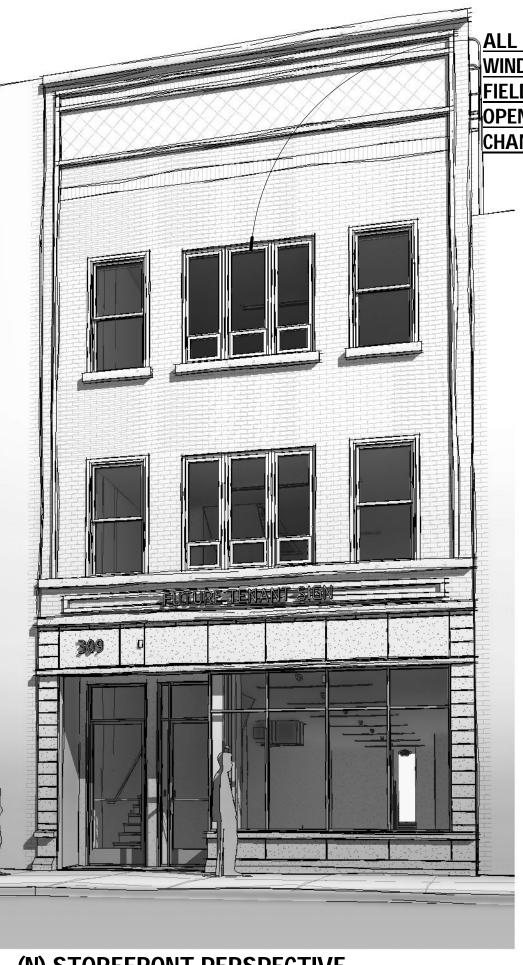
TAG	NOTE CONTENT
<u>1</u>	(E) BRICK TO BE CLEANED + REPAIRED AS REQ'D.
<u>2</u>	(E) CONC. SILL TO REMAIN
<u>3</u>	(N) WINDOWS FIELD MEASURE EXISTING OPENINGS PRIOR TO ORDER (REFER TO HDC SHEETS)
<u>4</u>	PRE-CAST STONE (REFER TO HDC SHEETS)
<u>5</u>	SIGNAGE BY TENANT- UNDER SEPARATE PERMIT
<u>6</u>	ALUMINUM FRAME STOREFRONT WITH 1" INSULATED GLASS
<u>7</u>	(E) FDC TO REMAIN
<u>8</u>	INSULATED DUCTS PAINTED TO MATCH BUILDING
9	(E) ROOF ACCESS LADDER
<u>10</u>	(E) ACCESS LADDER TO REMAIN



BIGGDESIGNSLLC @GMAIL.COM 248.886.4460

18263
PHASE II: 309 S
MAIN, LLC.
PERMIT (WHITE
BOX)
STOREFRONT
DETAIL
04/03/19

HDC-1.3



ALL (E) POST 1950 VINYL
WINDOWS TO BE REPLACED.
FIELD VERIFY SIZE. WINDOW
OPENING SIZES SHALL NOT
CHANGE.





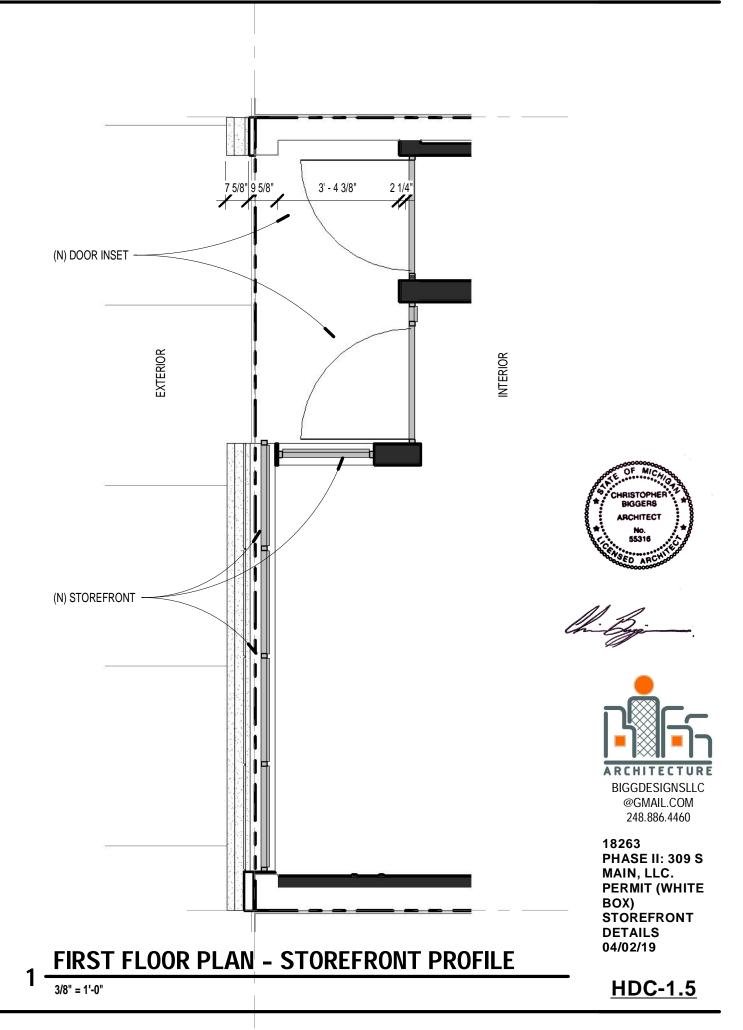


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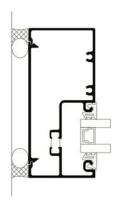
18263 PHASE II: 309 S MAIN, LLC. PERMIT (WHITE BOX) STOREFRONT DETAILS 04/03/19

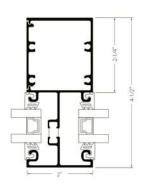
(N) STOREFRONT PERSPECTIVE

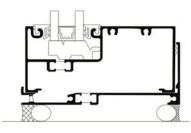
HDC-1.4



14000 I/O Series **Multiplane Storefront Framing**







System Features:

- Standard 2" (50.8mm) sight-line on verticals and horizontals
- 4-1/2" (114.3mm) system depth
- Single Pour & Debridge thermal break with Azon's Lancer* mechanical lock
- · EPDM wedge type gaskets for 1" glass or panel thickness

Optional Features:

- Screw-spline or shear block connections
- · Steel reinforcing if required
- Easily integrates with standard or thermal doors , operable vent windows & sun shades
- 7 anodized and 19 painted standard finishes
- Curved Headers
- Non-thermal Framing
- . In-board, Centered, or Out-board glass plane
- · Silicone Glazed Vertical







14000 I/O	Series Pro	duct Specifica	tions			See Tubelite	s Test Reports for mock up sizes a	and test condition
		-	etail, office, healthca nside flush glazed s					
Face Width:	System Depth:	Glass:	Air Infiltration:	Water Infiltration:	Structural:	CRF:	U-Value:	Acoustic:
2*	4-1/2"	1" std (1/8" – 1-1/8")	0.06 CFM/Ft.2 @ 6.24 PSF	10 PSF - Inside Plane 12 PSF - Outside Plane	30 PSF - Design 45 PSF - Overload	52 ₆ 61 ₆ - Inside Plane 67 ₆ 69 ₆ - Outside Plane 64 ₆ 63 ₆ - Outside Plane SSG	0.33 - Inside Plane 0.35 - Outside Plane 0.32 - Outside Plane SSG	STC 32 OFFC 26

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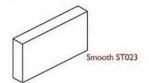
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18263 PHASE II: 309 S MAIN, LLC. PERMIT (WHITE BOX) **FACADE SPECS** 04/03/19

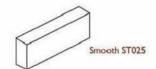


Split ST304

(D) 4%" × (H) 11%" × (L) 23%"

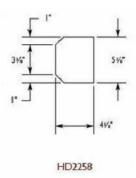


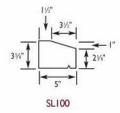
(D) 4%" × (H) 75%" × (L) 23%"

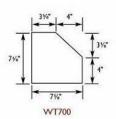


(D) 3%" × (H) 23%" × (L) 35%"









GET READY FOR ROCKCAST®!



RockCast, a product of Reading Rock, Inc.® one of the nation's largest cast stone producers, is developed with a spirit of continuous innovation and tested with the highest standards in the industry. Our complete line of RockCast Architectural Stone products; Architectural Masonry Veneer, Thin Veneer, Lightweight Series, Custom Cast Stone, Precast, Ashlar Series, and Caliza Stone Series are created from similar mix designs giving you design solutions that are more versatile, more economical, and ready when you need them.

ROCKCAST READY — A CUSTOM LOOK WITHOUT THE WAIT!

For a custom look on your project, use RockCast Ready and select your profiles from this RockCast Ready Shape Catalog. With RockCast Ready, we offer a large selection of pre-engineered, standard-length pieces available in the fastest delivery time.

READY SHAPE CATALOG LEAD TIMES

- TODAY RockCast Architectural Masonry Veneer Series 8" Smooth and 8" Chiseled are available in limited quantities in Buffstone and ready to ship today!
- > TODAY Custom Cast Stone catalog items in Buffstone & Crystal White, as indicated on published price list, are available and in stock to get your project started, today!

> 3 WEEKS

- RockCast Architectural Masonry Veneer units in 12 monotone and 10 blended colors; various textures — Smooth, Chiseled, Split, Chamfered, Slate.
- Custom Cast Stone profiles in 12 monotone and 10 blended colors from our Ready Shape catalog selection.

> 5+ WEEKS

- Caliza Stone Series is available in Smooth, Split, and Chiseled textures;
 4 monotone and 4 blended colors in 5 6 weeks.
- Dimensional Stone (machine made) units can be manufactured for Ashlar Patterns and are available in 5 - 6 weeks.
 - •RockCast Architectural Masonry Veneer products in Chiseled Tumbled texture are available in all sizes (4", 6", 8" and 12") in random lengths. Various patterns are available depending on the sizes used.
 - Caliza Stone Series is available in Chiseled Tumbled texture and available in all sizes (4", 6", 8" and 12") in random lengths. Various patterns are available depending on the sizes used.
 - All RockCast and Caliza Stone units in Smooth, Split and Chiseled textures can be manufactured for the Cut Stone Program. Patterns are limited only by your imagination. Please consult your sales representative for Ashlar pattern options.

Save time and money by using RockCast Ready and choose from the profile options outlined within this catalog. Simply complete our Easy Order form, available online at www.readingrock.com, and fax it to 513.874.2361.

SERVICE PROGRAM	I. QUOTE	2. SHOP DRAWINGS	3. DELIVERY LEAD TIME
READY	PUBLISHED	I WORKING	STOCK OR
	PRICE LIST	DAY	3-5 WEEKS

"Material take-off estimates from plan sets are available as an optional service. Complete plans and specifications are required for all material take-off estimates. Take-off estimates will be completed in seven working days. Lead time on take-off estimates for intricate or large custom cast stone projects will be quoted by the project upon receipt of plans.

**If layout drawings are requested at any time during this program the lead times default to those as outlined in the RockCast Plus or Merit program and a new quoted price will apply.

RockCast products are available to be modified or customized for your project. We offer estimating services as well as layout drawings so field cutting is left to a minimum. Our in-house technical services department is available to help with your design or technical questions.



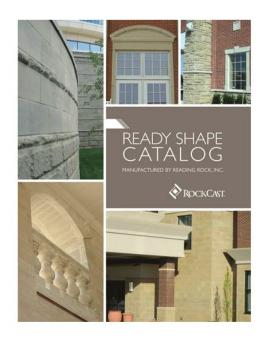


Reading Rock proudly supports the development of green product innovations and is committed to developing and improving our entire product line with respect to the environment. Our commitment to sustainability and environmental responsibility

involves our every process and product. Reading Rock was one of the first cast stone manufacturers to devote resources to products with supplementary cementitious materials (SCM).

LIFETIME WARRANTY

Reading Rock, Inc. warrants its products to meet ASTM manufacturing guidelines and specifications provided the products have been installed, used and maintained according to accepted ASTM masonry standards and as recommended by the manufacturer: (For complete warranty information, please see the Reading Rock, Inc.Terms and Conditions of Sale on www.readingrock.com).









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18263 PHASE II: 309 S MAIN, LLC. PERMIT (WHITE BOX) FACADE SPECS 04/03/19

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18263 PHASE II: 309 S MAIN, LLC. **PERMIT (WHITE** BOX) **FACADE SPECS** 04/03/19

Pella* 450 Series



PRODUCT SELECTION GUIDE

Size and Performance Data Sound Transmission Class / OITC



	Clad
SIZES	
Standard double-hung vent/fixed sizes	•
Transom sizes	•
Egress sizes	7,€
Special sizes available	•
PERFORMANCE 1	
Meets or Exceeds AAMA/WDMA Ratings	H-LC30-LC50 Hallmark Certifie
Air Infiltration (cfm/ft² of frame @ 1.57 psf wind pressure)₂	0.11
Water Resistance	7.5 psf
Design Pressure	30-50 psf
THER PERFORMANCE CRITERIA	
Forced Entry Resistance Level (Minimum Security Grade) 3	10
Operating Force (lb) Initiate Motion / Maintain Motion (of Hallmark tested size and glazing) 4	40/40

	Frame Size Tested s						
Product		Overall Glazing Thickness	Exterior Glass Thickness	Interior Glass Thickness	Third Pane Thickness (HGP)	STC Rating	OITC Rating
ELLA 450 SERIES CLAD DOUBLE-HUNG	37" x 59"	11/16"	2.5mm	2.5mm	-	25	22









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18263 PHASE II: 309 S MAIN, LLC. PERMIT (WHITE BOX) **DOUBLE HUNG SPECS** 04/03/19

(-) = 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) Published performance data for air infiltration is determined by testing a minimum of four (4) products of NFRC model size. Testing is conducted in accordance with ASTM E283. Air infiltration ratings for products will differ by size. The performance data does not apply to combination assemblies unless noted. Actual product performance may vary for a number of reasons including installation and product care.

(3) The higher the level, the greater the product's ability to resist forced entry.

(4) Glazing configurations may result in higher operational forces.

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

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W-HG-2







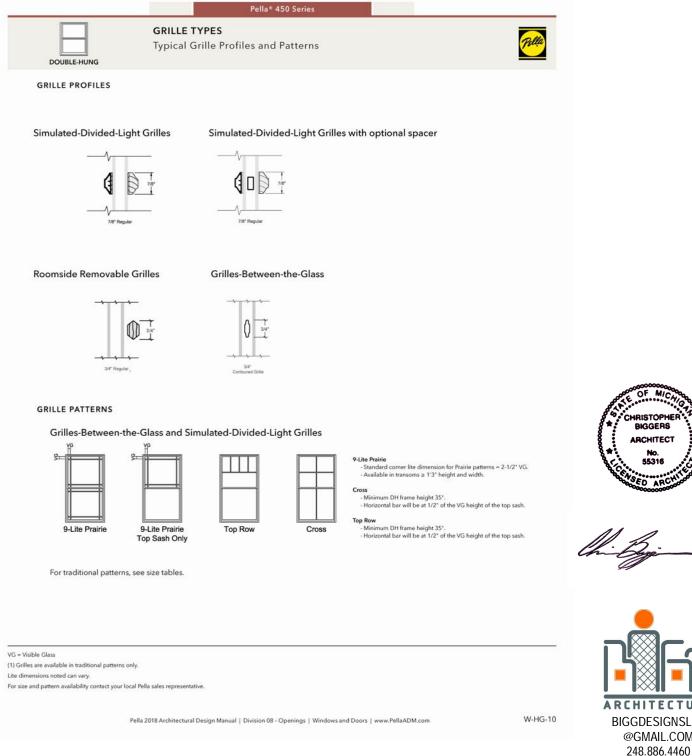


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18263 PHASE II: 309 S MAIN, LLC. PERMIT (WHITE BOX) DOUBLE HUNG SPECS 04/03/19

WINDOW SPECS 3.1

1/2" = 1'-0







18263 PHASE II: 309 S MAIN, LLC. PERMIT (WHITE BOX) **DOUBLE HUNG SPECS** 04/03/19

Pella* 450 Series



DESIGN DATA

Aluminum-Clad Exterior Double-Hung



Unit Egress		Clear Opening (Inches)		Vent Visible Area Glass	Standa Thickne	Performance Class &			
•	Eg	Width	Height	Ft ²	Ft ²	Annealed	Tempered	Grade 1	
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	E1	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	E1	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	E1	29-13/16	25-1/4	5.2	9.9	2.5	3	LC40/LC50	
3359	E1	29-13/16	26-1/4	5.4	10.2	2.5	3	LC40/LC50	
3365	Е	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	Е	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	Width = Frame - 5"		
GLASS	Height* = (Frame - 6-5/16") / 2		
ACTUAL	Width = Frame - 4"		
GLASS	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.

See Design Data pages in this section for clear opening



(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.

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W-HG-21





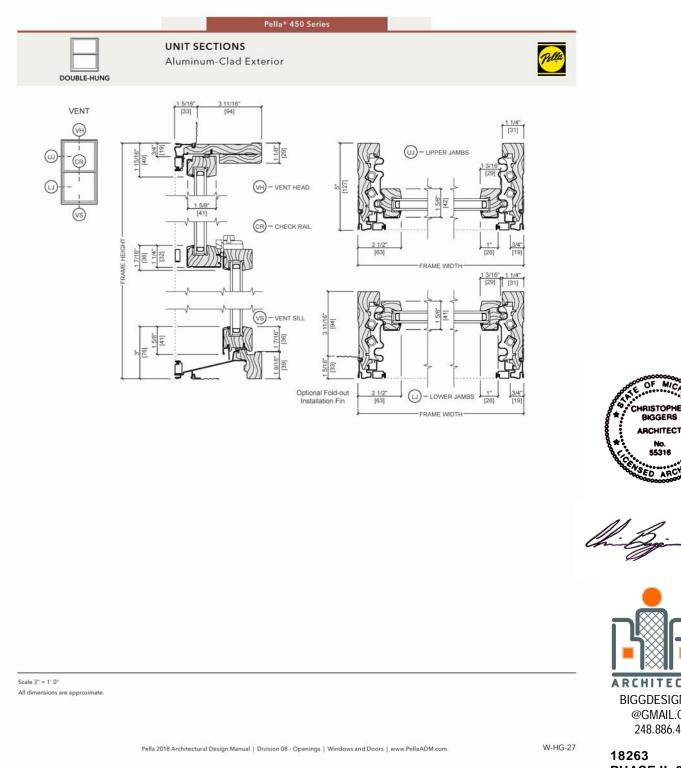


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WINDOW SPECS 3.3

1/2" = 1'-0'



WINDOW SPECS 3.4

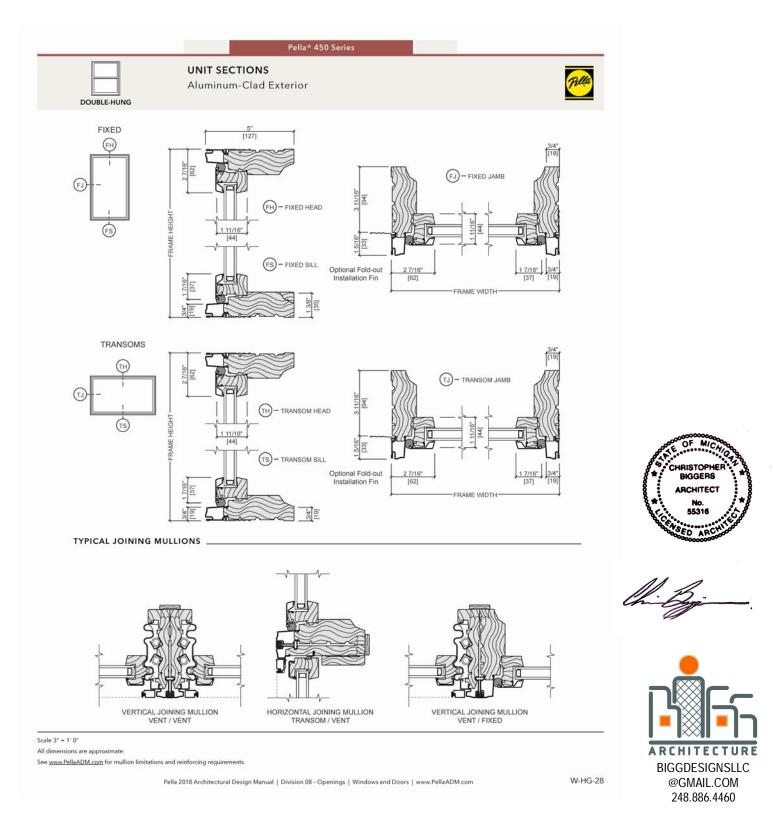
1/2" = 1'-0"



DOUBLE HUNG

BOX)

SPECS 04/03/19



WINDOW SPECS 3.51/2" = 1'-0"

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Pella* 450 Series



AWNING

PRODUCT SELECTION GUIDE

Size and Performance Data Sound Transmission Class / OITC



	Clad
SIZES	
Standard vent/fixed sizes	•
Standard fixed sizes	•
Special sizes available	•
PERFORMANCE 1	
Meets or Exceeds AAMA/WDMA Ratings	LC45-50 Hallmark Certified
Air Infiltration (cfm/ft² of frame @ 1.57 psf wind pressure)	0.05
Water Resistance	7.5 psf
Design Pressure	50 psf
OTHER PERFORMANCE CRITERIA	
Forced Entry Resistance Level (Minimum Security Grade) ₂	10

Product		Glazing System				
	Frame Size Tested 3	Overall Glazing Thickness	Exterior Glass Thickness	Interior Glass Thickness	STC Rating	OITC Rating
PELLA 450 SERIES CLAD WINDOW	VENT					
	59" x 23"	11/16"	2.5mm	2.5mm	26	22
	FIXED					
			3mm	3mm	27	24







- (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. Values shown are for standard and special sizes; Custom sizes may not have the same values. Contact your local sales representative for complete information.
 (2) The higher the level, the greater the product's ability to resist forced entry.
 (3) ASTM E 1425 defines standard sizes for acoustical testing. Ratings achieved at that size are representative of all sizes of the same configuration.

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AW-2

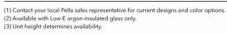
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18263 PHASE II: 309 S MAIN, LLC. PERMIT (WHITE BOX) **AWNING WINDOW SPEC** 04/03/19

WINDOW SPECS 4.1



STANDARD	OPTIONS / UPGRADES					
GLAZING						
Glazing Type						
Dual-Pane Insulating Glass						
Insulated Glass Options/Lov	v-E Types					
	SunDefense™ Low-E					
Advanced Low-E	AdvancedComfort Low-E					
	NaturalSun Low-E					
Additional Glass Options						
1 16	Tempered Glass					
Annealed Glass	Obscure Glass 1					
Gas Fill/High Altitude						
Argon	High altitude (Air-filled only)					
EXTERIOR						
EnduraClad® protective finish	4					
Cladding Colors						
10 Standard colors	2					
INTERIOR						
	Factory primed					
Unfinished wood	Factory prefinished paint 1					
	Factory prefinished stain ₁					
WOOD TYPES						
Pine	-					
HARDWARE						
Champagne, White or Brown	Matte Black, Oil Rubbed Bronze, Satin Nickel					
Sash Locks						
SureLock® System						
Unison Lock System₃	-					
Hinging						
Awning-Stainless Steel	-					
GRILLES						
Roomside Removable Grille	s					
	Traditional					
Grilles-Between-the-Glass						
=	Traditional, Prairie, Cross, Top Row ₁ , Custom-Equally Divided					
Simulated Divided Lightwit	h Optional Spacer ₂					
2	Traditional, Prairie, Cross, Top Row, Custom-Equally Divided					
SCREENS						
<u> </u>	InView™ screens, Vivid View® screens					



Rev. 07/12/2018 $Pella\,2018\,Architectural\,Design\,Manual\mid Division\,08-Openings\mid Windows\,and\,Doors\mid www.PellaADM.com$ AW-3

WINDOW SPECS 4.2

1/2" = 1'-0"







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COMBINATION ASSEMBLIES

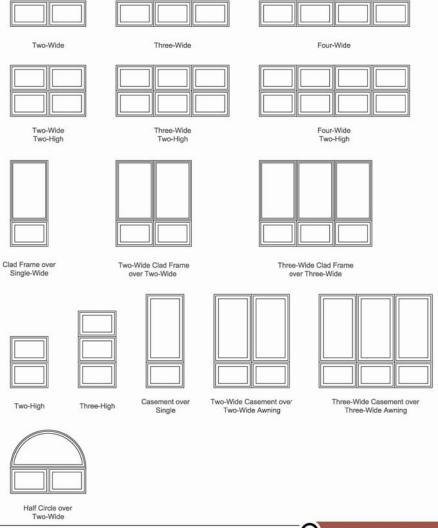


AWNING

Combinations are a great way to create visual interest in any project. A combination is an assembly formed by two or more separate windows or doors whose frames are mulled together by a combination or reinforcing mullion.

Pella window combinations are available in an endless variety of arrangements. Below are available factory-assembled combinations. Some units can be fixed or vent depending on availability. Go to **www.PellaADM.com** for typical combinations and requirements and limitations related to mulling various combinations.

Contact your local Pella sales representative for more information.



M. By

CHRISTOPHEI BIGGERS ARCHITECT

Click to view Clad-Wood Combinations Sections

• Combination Recommendations Downloadable PDE

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AW-4

WINDOW SPECS 4.3

See the Installation and Performance section at $\underline{www.PellaADM.com}$ for standard size range charts.

1/2" = 1'-0"

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Pella* 450 Series



AWNING

GRILLE TYPES

Removable, Grilles-Between-the-Glass and Simulated Divided Light



GRILLE PROFILES

Simulated-Divided-Light Grilles



Simulated-Divided-Light Grilles with optional spacer



Removable Interior Pine Grilles



Grilles-Between-the-Glass



BIGGERS ARCHITECT

GRILLE PATTERNS

Grilles-Between-the-Glass and Simulated Divided Light Grilles



(1) Grilles are available in traditional patterns only. Lite dimensions noted can vary.



For traditional patterns, see size tables.

Custom configurations are also available, for details contact your local Pella sales representative.









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Custom 2 x 2 Equally Divided

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

Standard visible glass to separator bar = 1/2 of visible glass for frame heights greater than or equal to 21".



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AW-7 18263

WINDOW SPECS 4.4



DESIGN DATA

Aluminum-Clad Exterior



AWNING

	Vont	Visible	Stan	dard Glass	Thickness	(mm)	Perfor	mance
Unit	Unit Area Glass				Fixed		Class & Grade	
	Ft ²	Ft ²	Annealed	Tempered	Annealed	Tempered	Vent	Fixed
1717	0.8	1.0	2.5	3	3	3	LC50	LC50
2117	1.1	1.3	2.5	3	3	3	LC50	LC50
2121	1.5	1.8	2.5	3	3	3	LC50	LC50
2317	1.3	1.5	2.5	3	3	3	LC50	LC50
2321	1.7	2.0	2.5	3	3	3	LC50	LC50
2323	2.0	2.3	2.5	3	3	3	LC50	LC50
2517	1.4	1.7	2.5	3	3	3	LC50	LC50
2521	1.9	2.2	2.5	3	3	3	LC50	LC50
2523	2.2	2.5	2.5	3	3	3	LC50	LC50
2525	2.5	2.8	2.5	3	3	3	LC50	LC50
2917	1.7	2.0	2.5	3	3	3	LC50	LC50
2921	2.3	2.7	2.5	3	3	3	LC50	LC50
2923	2.7	3.0	2.5	3	3	3	LC50	LC50
2925	3.0	3.4	2.5	3	3	3	LC50	LC50
2929	3.7	4.0	2.5	3	3	3	LC50	LC50
3217	1.9	2.3	2.5	3	3	3	LC50	LC50
3221	2.6	3.0	2.5	3	2.5	3	LC50	LC50
3223	3.0	3.4	2.5	3	2.5	3	LC50	LC50
3225	3.4	3.8	2.5	3	2.5	3	LC50	LC50
3229	4.1	4.5	2.5	3	2.5	3	LC50	LC50
3517	2.1	2.5	2.5	3	3	3	LC50	LC50
3521	2.9	3.4	2.5	3	2.5	3	LC50	LC50
3523	3.3	3.8	2.5	3	2.5	3	LC50	LC50
3525	3.8	4.2	2.5	3	2.5	3	LC50	LC50
3529	4.6	5.0	2.5	3	2.5	3	LC50	LC50
4117	2.5	3.0	2.5	3	3	3	LC50	LC50
4121	3.5	4.0	2.5	3	2.5	3	LC50	LC50
4123	4.0	4.5	2.5	3	2.5	3	LC50	LC50
4125	4.5	5.0	2.5	3	2.5	3	LC50	LC50
4129	5.5	6.0	2.5	3	2.5	3	LC50	LC50
4717	3.0	3.5	2.5	3	3	3	LC50	LC50
4721	4.1	4.7	2.5	3	2.5	3	LC50	LC50
4723	4.7	5.3	2.5	3	2.5	3	LC50	LC50
4725	5.3	5.9	2.5	3	2.5	3	LC50	LC50
4729	6.4	7.0	2.5	3	2.5	3	LC50	LC50
5317	3.4	4.0	2.5	3	3	3	LC50	LC50
5321	4.7	5.4	2.5	3	2.5	3	LC50	LC50
5323	5.4	6.0	2.5	3	2.5	3	LC50	LC50
5325	6.0	6.7	2.5	3	2.5	3	LC50	LC50
5329	7.4	8.0	2.5	3	2.5	3	LC50	LC50
5917F	-	4.5	_	-	3	3		LC50
5921F	_	6.0	-	_	2.5	3	_	LC50
5923F		6.8			2.5	3	-	LC50
5925F	_	7.5		-	2.5	3		LC50
5929F		9.0		-	2.5	3		LC50

Unit	Visible Glass	Standa Thickne	Performance			
	Ft ²	Annealed	Tempered	Class & Grade		
3241	6.8	3	3	LC50		
3247	7.9	3	3	LC50		
3253	9.0	3	3	LC50		
3259	10.2	3	3	LC50		
3265	11.3	3	3	LC50		
3271	12.4	3	3	LC45/LC50		
3541	7.5	3	3	LC50		
3547	8.8	3	3	LC50		
3553	10.0	3	3	LC50		
3559	11.3	3	3	LC50		
3565	12.6	3	3	LC50		
3571	13.8	3	3	LC45/LC50		
4141	9.0	3	3	LC50		
4147	10.5	3	3	LC50		
4153	12.0	3	3	LC50		
4159	13.6	3	3	LC50		
4165	15.1	3	3	LC50		
4171	16.6	3	3	LC45/LC50		
4741	10.5	3	3	LC50		
4747	12.3	3	3	LC50		
4753	14.1	3	3	LC50		
4759	15.8	3	3	LC45/LC50		
4765	17.6	4	4	LC50		
4771	19.3	4	4	LC50		
5341	12.0	3	3	LC50		
5347	14.1	3	3	LC50		
5353	16.1	3	4	LC45/LC50		
5359	18.1	4	4	LC50		
5365	20.1	4	4	LC50		
5371	22.1	4	4	LC50		
5941	13.6	3	3	LC50		
5947	15.8	3	3	LC45/LC50		
5953	18.1	4	4	LC50		
5959	20.3	4	4	LC50		
5965	22.6	4	4	LC50		
5971	24.8	4	4	LC45/LC50		

Miscellaneous Formulas

VISIBLE
GLASS

Width = Frame - 4-15/16" Height = Frame - 4-15/16"

ACTUAL GLASS

Width = Frame - 4" Height = Frame - 4"

F = Fixed only

(-) = Not Applicable
(1) Maximum performance when glazed with the appropriate glass thickness. Second value, where shown, requires tempered glass. To convert areas to square meters (m²), multiply square feet by 0.0929.

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WINDOW SPECS 4.5

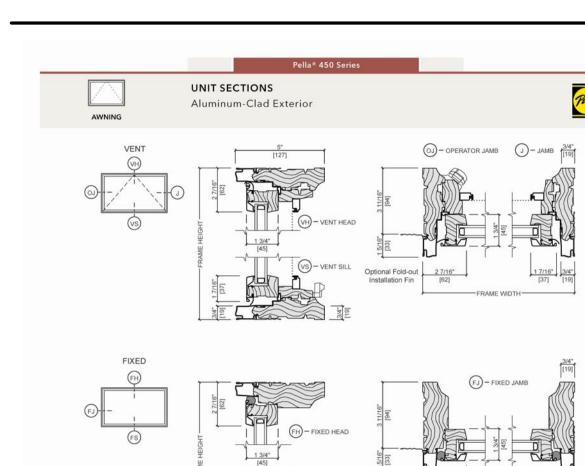
1/2" = 1'-0"



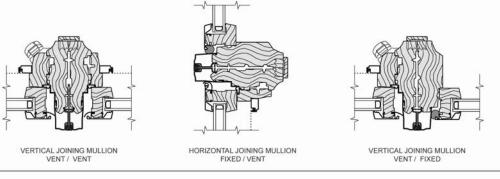




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FS - FIXED SILL

Optional Fold-out Installation Fin

FRAME WIDTH

Scale 3" = 1' 0" All dimensions are approximate. See www.PellaADM.com for mullion limitations and reinforcing requirements.

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WINDOW SPECS 4.6

1/2" = 1'-0"







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