

## Commission for Architectural Review Application for Certificate of Appropriateness

900 E. Broad Street, Room 510
Richmond, VA 23219 | (804)-646-7550
www.rva.gov/planning-development-review/commission-architectural-review



Property (location of work)	
Address: 2 West Leigh Street	
Historic District: Jackson Ward	
Applicant Information	Owner Information Billing Contact  Same as Applicant
Email: bruce@ratiostudio.com	Name: Elizabeth Drucker-Basch
Phone: 804-304-0991	Email: lizzie@baschful.com
Company: Ratio	Phone: 804-387-1717
Mailing Address: 1406 Laburnum Park Blvd.	Company:
Richmond, VA 23227	Mailing Address: 412 E. Franklin St.
Applicant Type: Owner Agent Lessee	Richmond, VA 23219
Architect Contractor Other (specify):	
	**Owner must sign at the bottom of this page**
Project Information	
Project Type: Alteration Demolition	New Construction (Conceptual Review Required)
Description (attach additional sheets if needed):	
<see attached=""></see>	

### Acknowledgement of Responsibility

Compliance: If granted, you agree to comply with all conditions of the certificate of appropriateness (COA). Revisions to approved work require staff review and may require a new application and approval from the Commission of Architectural Review (CAR). Failure to comply with the conditions of the COA may result in project delays or legal action. The COA is valid for one (1) year and may be extended for an additional year, upon written request and payment of associated fee.

Requirements: A complete application includes all applicable information requested on checklists available on the CAR website to provide a complete and accurate description of existing and proposed conditions, as well as payments of the application fee. Applications proposing major new construction, including additions, should meet with staff to review the application and requirements prior to submitting an application. Owner contact information and signature is required. Late or incomplete applications will not be considered.

Zoning Requirements: Prior to Commission review, it is the responsibility of the applicant to determine if zoning	ng
approval is required and application materials should be prepared in compliance with zoning.	

Signature of Owner	EIN	Date 01/27/22

## **2 W. Leigh Street** January 27, 2022

### **CAR - Applicant's Description**

The attached application is for a CAR Certificate of Appropriateness (Conceptual Review) at 2 West Leigh Street, located in the Jackson Ward Historic District. The existing site is vacant of a building with only a an old entrance drive remaining. The intention is to building an affordable two-family dwelling at the corner lot to provide more Owner occupied dwellings in the neighborhood.

The site will maintain the existing curb cut to access a new gravel parking area for three cars. This will be screened to the North and West by existing neighboring fencing. The East (towards the street) will receive new painted Richmond Rail style wood fencing at 3' tall. Trash and recycling will be located to the Northwest of the parking area/ site. Small concrete walks will connect the existing brick sidewalks to the two wood entrance porches. There is also a small concrete patio planned to the rear of the structure.

The building will be a slab on grade foundation with parged CMU and concrete footings. Framing up from this will be 2x6 exterior walls with painted Hardi-plank siding in a smooth finish. Typical trim will be painted white with an accent paint for the two entry doors. The building will be three stories (similar to many other residences along W. Leigh Street. We have kept the detailing minimal to stay in keeping with the neighborhood. The third floor is treated with a steep sloped roof at the front with a shed dormer. Windows are double hung metal clad wood with transoms at the first floor. Entry doors are all wood (painted). The porches are kept simple with unadorned 6x6 wood columns and Richmond rail for a more pedestrian scale. All painted white. The main roof is a low sloped membrane while the porch and dormer roofs are standing seam metal.

Using this corner site for a smaller scale residential function will enhance the overall environment by increasing both social and economic activity in the surrounding area and meets the current zoning and City Master Plan. The characteristics of the building's end use and features will contribute the community and will not be detrimental to the safety, health, morals and general welfare of the community involved. We further feel the project will not tend to create congestion in streets, roads, alleys, and other public ways and places in the area involved.



## **CERTIFICATE OF APPROPRIATENESS**

### NEW CONSTRUCTION CHECKLIST

Well in advance of the COA application deadline contact staff to discuss your project, and if necessary, to make an appointment to meet with staff for a project consultation in the office or on site.

Complete all applicable sections and submit with the COA application form. Staff can assist you in determining what items are required for your scope of work. An incomplete application may cause delays in processing or may be deferred to the next agenda. Application materials <u>must</u> clearly represent current and proposed conditions. Refer to Standards for New Construction outlined in Section 30.930.7(c) of the City Code, as well as, the *Richmond Old and Historic Districts Handbook and Design Review Guidelines*.

PROPERTY ADDRESS: Z WEST	LEIGH STORET					
NEW BUILDING TYPE	DRAWINGS (refer to required drawing guidelines)					
single-family residence (Two-t-nux)	☑ floor plans					
☐ multi-family residence	delevations (all sides)					
☐ commercial building	☑ roof plan					
☐ mixed use building	🗹 list of windows and doors, including size, material, design					
☐ institutional building	ontext drawing showing adjacent buildings					
☐ garage	□ perspective					
□ accessory structure	⊠ site plan					
□ other	✓ legal plat of survey					
WRITTEN DESCRIPTION						
describe new structure including levels, foundation,	siding, windows, doors, roof and details					
state how the Richmond Old and Historic Districts Handbook and Design Review Guidelines informed the proposed work, site specific pages and sections of the Guidelines that apply						
✓ material description; attach specification sheets if necessary						
PHOTOGRAPHS place on 8 ½ x 11 page, label photos with description and location (refer to photograph guidelines)						
site as seen from street, from front and corners, inc	clude neignboring properties					

### **2 W. Leigh Street** January 26, 2022

### CAR - Existing Site photos

Site from above

Site

### Site facing North



Site Facing East



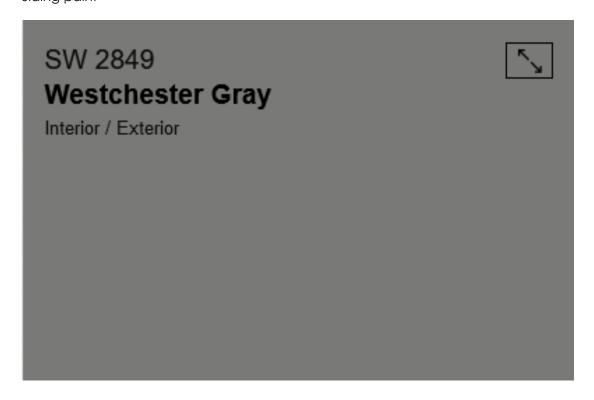
## **2 W. Leigh Street** January 26, 2022

### **CAR - Paint & Material Selections**

Main trim paint & window exterior color

SW 7005
Pure White
Interior / Exterior
Location Number: 255-C1

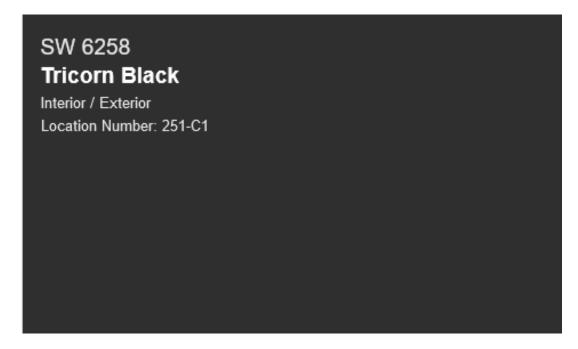
### Siding paint



### Entry Door paint:



### Standing Seam Metal Roofs:

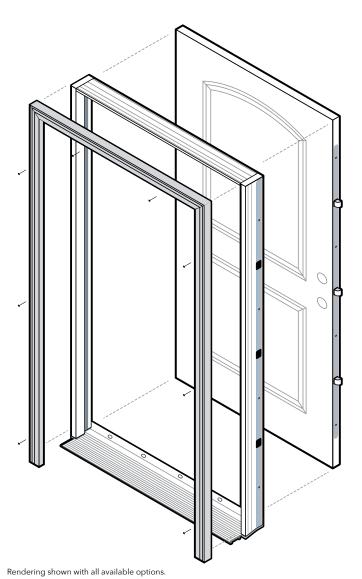


## **Pella® Entry Doors**



### #1 preferred entry door brand by homeowners.\*

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



### • Whole home solution

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

### Innovative security sensors

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

### Premium hardware

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

### · Variety of panel materials

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

### • Rot-resistant frame system

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

### Energy-efficient panels

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

### Desired, on-trend colors

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

### • Most popular styles

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

### Available impact options

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





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

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

### **Product Specifications**

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

## **Panel Styles**

### Solid



Flush





2 Panel Arch Plank



Craftsman<sup>2</sup>



30"

6 Panel<sup>2</sup>



80°

Flush

### Glazed



Light<sup>2</sup>



1/2 Light 2 Panel<sup>2</sup>



1/2 Light 1 Panel<sup>2</sup>



1/2 Light 1 Panel Plank



1/2 Arch Light Plank



36"

3/4 Oval Light²

Fan Light

Rectangle



96"

3/4 Deluxe Oval Light



0.15

0.01



Performance Values1





4 Light Equal



Twin Colonial Light



Fan Light



Fan Light Camber Top





### Flush Glazed



Flushed Glaxzed 1/2 Light²



Glazed 3/4 Light²



Flushed Glazed Full Light

<sup>&</sup>lt;sup>1</sup> Values shown are for a single door. See your Pella representative for more information.

<sup>&</sup>lt;sup>2</sup> Availability may be limited. Please contact your local Pella representative for more information.

<sup>3</sup> See written limited warranties for complete details, including exceptions and limitations, at pella.com/warranty or contact Pella Customer Service at 877-473-5527.

### **Exterior Colors**

### Exterior Colors

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

## **Prefinished**



### Glass

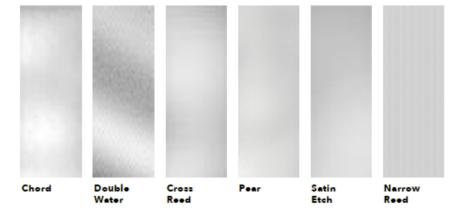
### Glass

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

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

### Low-E Obscure Glass

An elegant way to add privacy. Pella's obscure glass patterns provide unique design simplicity.



### Added Peace of Mind

Integrated Security Sensors

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

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

### **Entry Door Hardware**

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

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







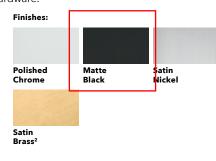
Matte Oil-Rubbed Satin Bronze Nickel

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









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







Finishes:

Distressed Distres
Nickel Bronze

Distressed Propro

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









 $<sup>^1\ \ \</sup>text{Availability by product style and line may vary. See your local Pella sales representative for details.}$ 

<sup>&</sup>lt;sup>2</sup> Available early 2022

## **Pella** Lifestyle Series

### Clad/Wood



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





### • Performance redefined

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

### • Energy Star® certified2

Pella products offer energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states. Pella Lifestyle Series products with triple-pane glass have been awarded ENERGY STAR Most Efficient Mark in 2021.

### • Enhanced sound control

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

### • Popular features and options

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

### • Intentional design for improved durability

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

### • Durable 3-way corner joint

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

### • Low-maintenance exteriors

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

### • Exclusive wood protection

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

### • Best limited lifetime warranty4

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

### • Testing beyond requirements

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

Available in these window and patio door styles:5



Special shape windows also available.

### **Product Specifications**

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

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

### **Window Hardware**

### **Essential Collection**

Select from popular designs and finishes to suit every style.



Fold-away Crank



Cam-Action Lock



### **Patio Door Hardware**

### **Essential Collection**

Elevate your style and transform a home with elegant selections.



Hinged Patio Door Handle



Sliding Patio Door Handle



### Colors

### Prefinished Pine Interior Colors

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



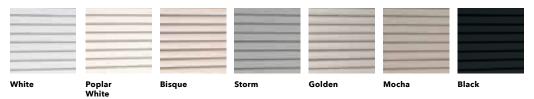
### Aluminum-Clad Exterior Colors

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



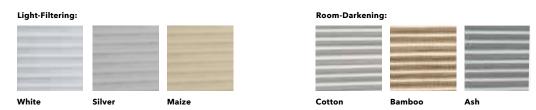
### Integrated Blinds<sup>7</sup>

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



### Integrated Shades<sup>7</sup>

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



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

### **Added Peace of Mind**

Integrated Security Sensors Integrated wireless security sensors maintain aesthetics, streamline security installation and ensure no warranty loss is caused by post-installation drilling. Sensors can be monitored via the free Pella\* Insynctive\* App and are compatible with major security panel systems.8 For more information, go to connectpella.com.

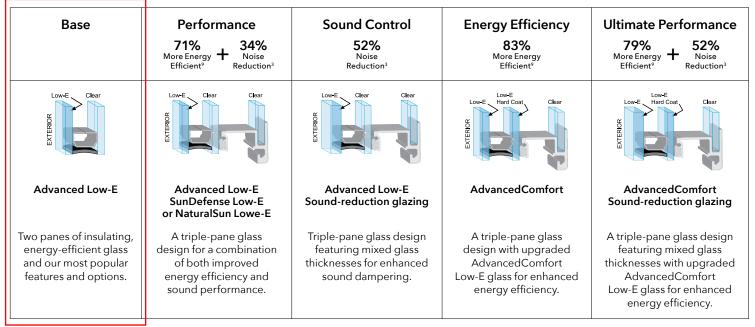
To make things easier, we've created performance packages.

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

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



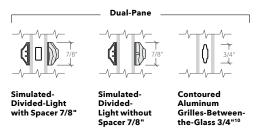
Pella® Lifestyle Series offers products awarded ENERGY STAR® Most Efficient for 2021.²

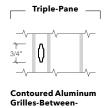


Patented triple-pane glass design gives flexibility to add integrated blinds or shades without impacting performance.

### Grilles

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





the-Glass 3/4"10

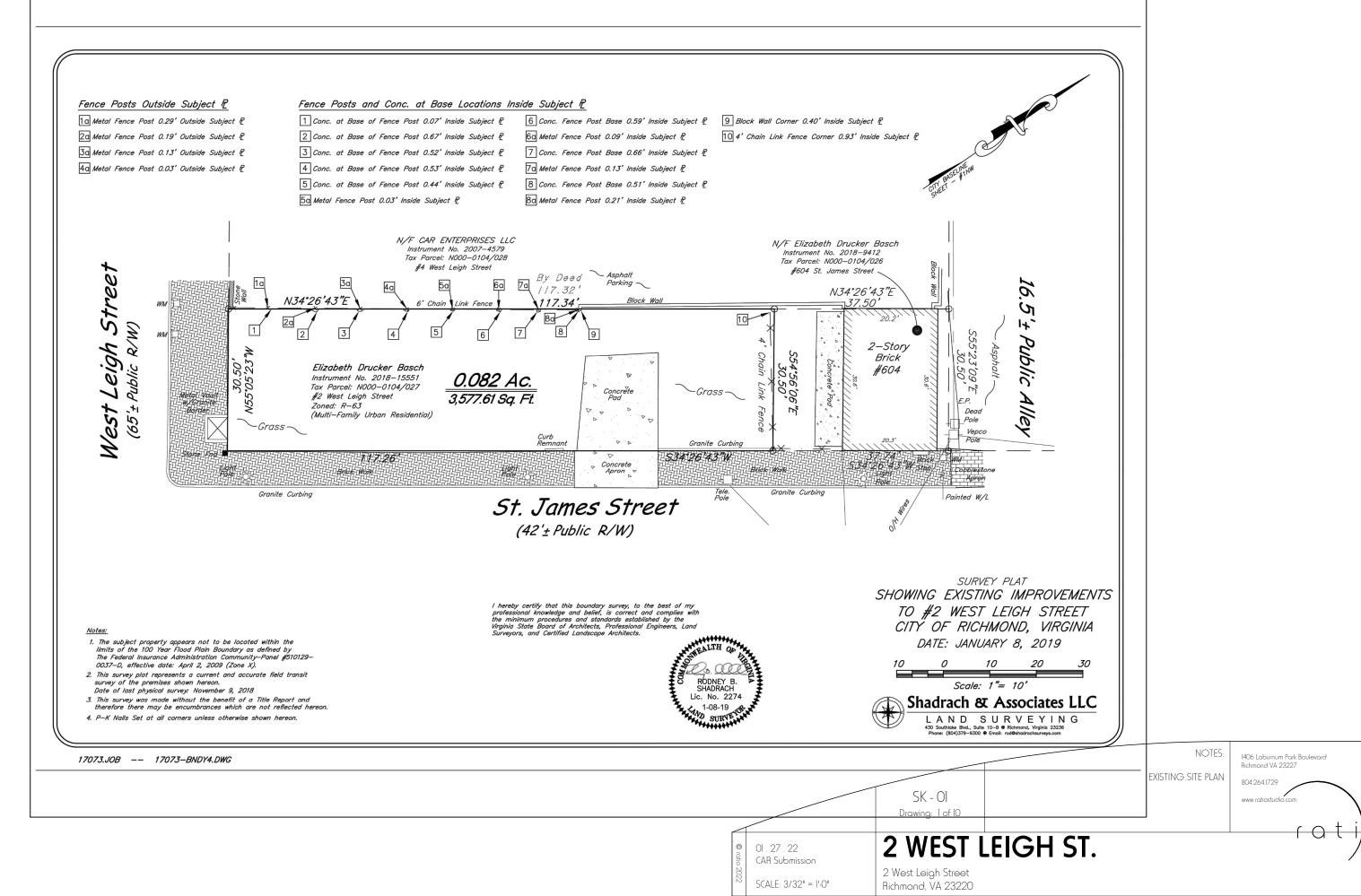


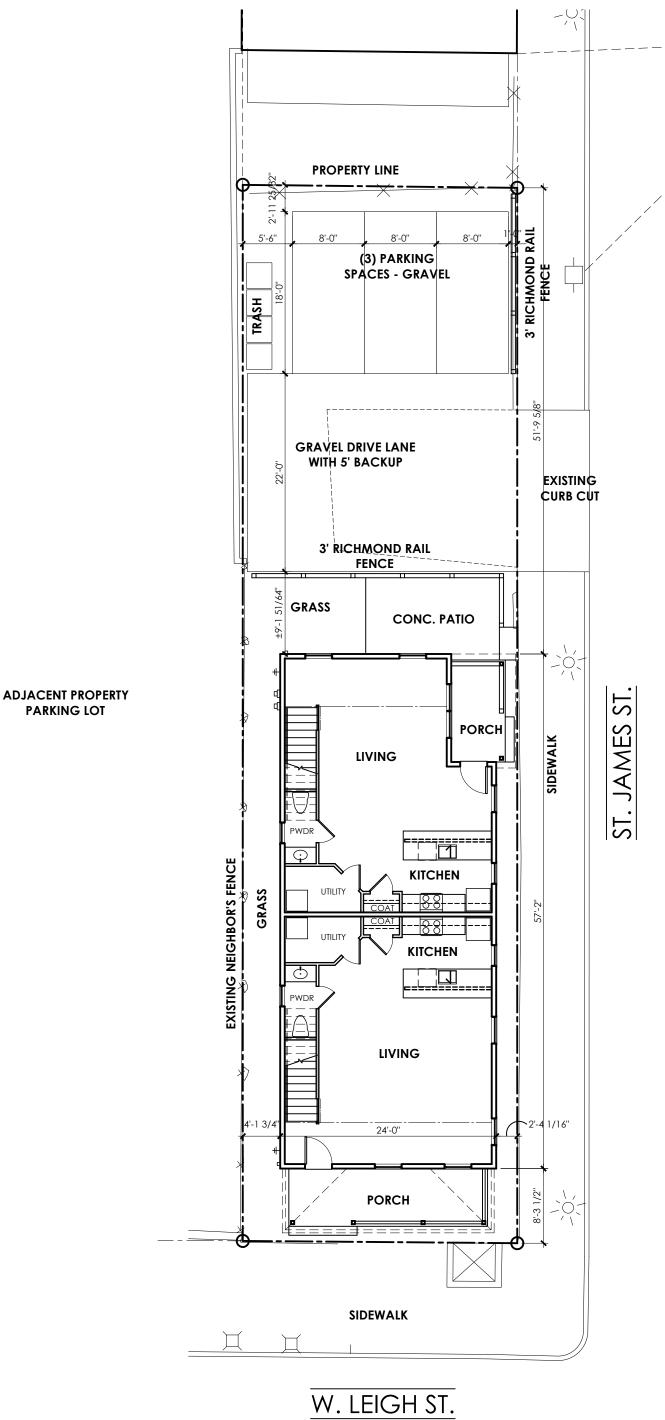
### The Best Limited Lifetime Warranty in the Industry

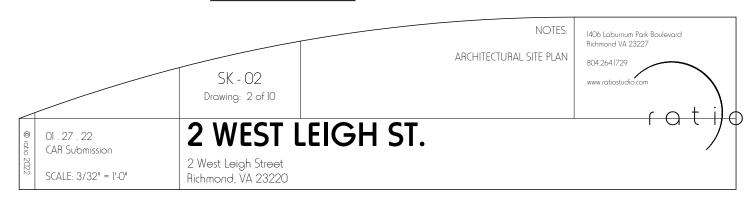
We know your reputation matters and you stake your reputation on quality, dependable products. That's why we have the best limited lifetime warranty in the industry for wood windows and patio doors.<sup>4</sup>

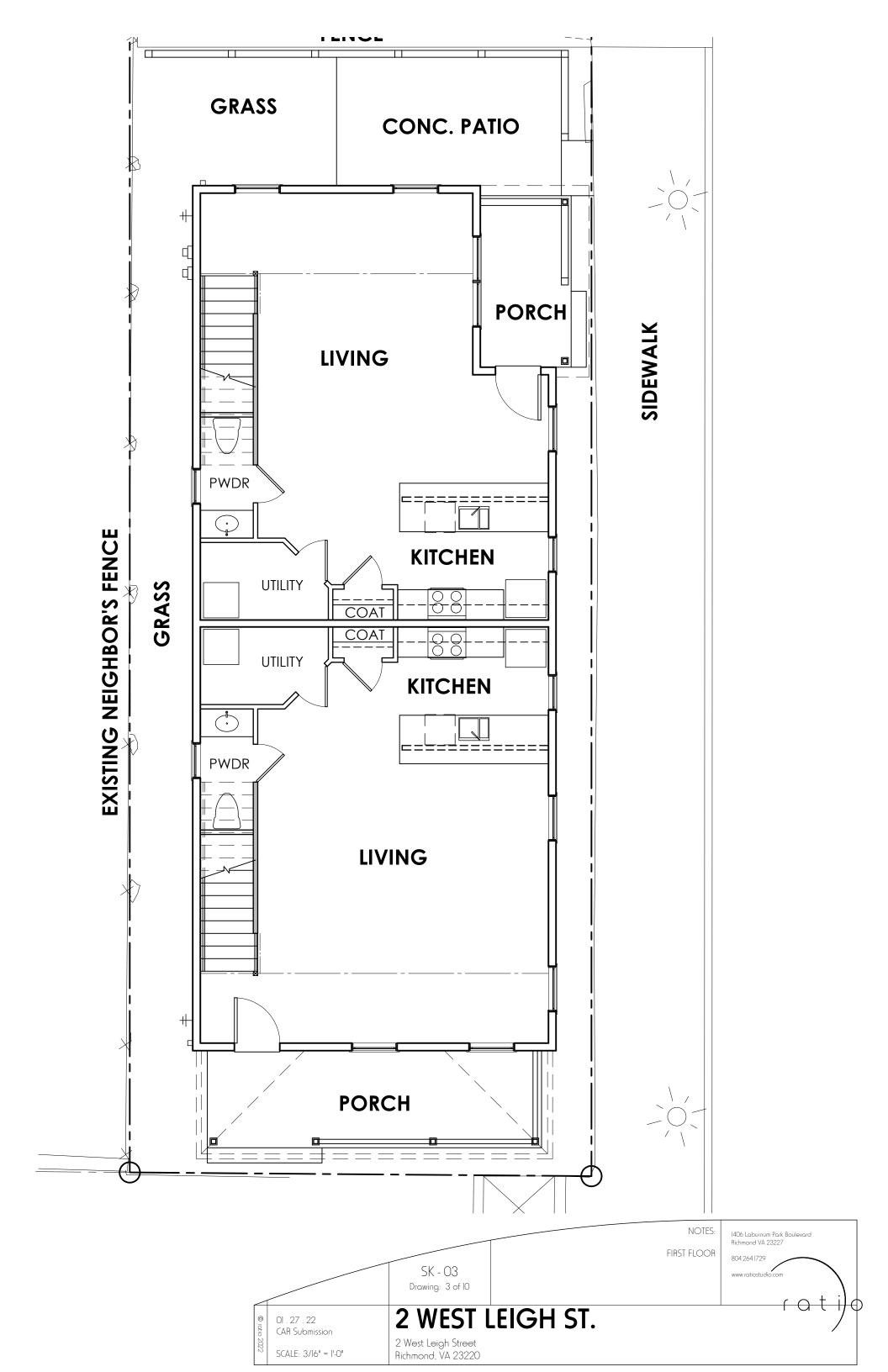
- Performance solutions require upgrades to triple-pane, AdvancedComfort Low-E and mixed glass thickness. Based on comparing product quotes and published STC/OITC and U-Factor ratings of leading national wood window and patio door brands.
- <sup>2</sup> Some Pella products may not meet ENERGY STAR certification in Canada. For more information, contact your local Pella sales representative or go to nrcan.gc.ca/energy/products/categories/fenestration/13739.
- <sup>3</sup> Reduction in sound based on OTIC ratings of Pella Lifestyle Series windows with respective performance package compared to a single-pane wood or vinyl window with an OITC of 19. Calculated by using the sound transmission loss values in the 80 to 4000 Hz range as measured in accordance with ASTM E-90(09). Actual results may vary.
- <sup>4</sup> Based on comparing written limited warranties of leading national wood window and wood patio door brands. See written limited warranty for details, including exceptions and limitations, at pella.com/warranty.
- <sup>5</sup> Double-hung windows available in dual-pane only.

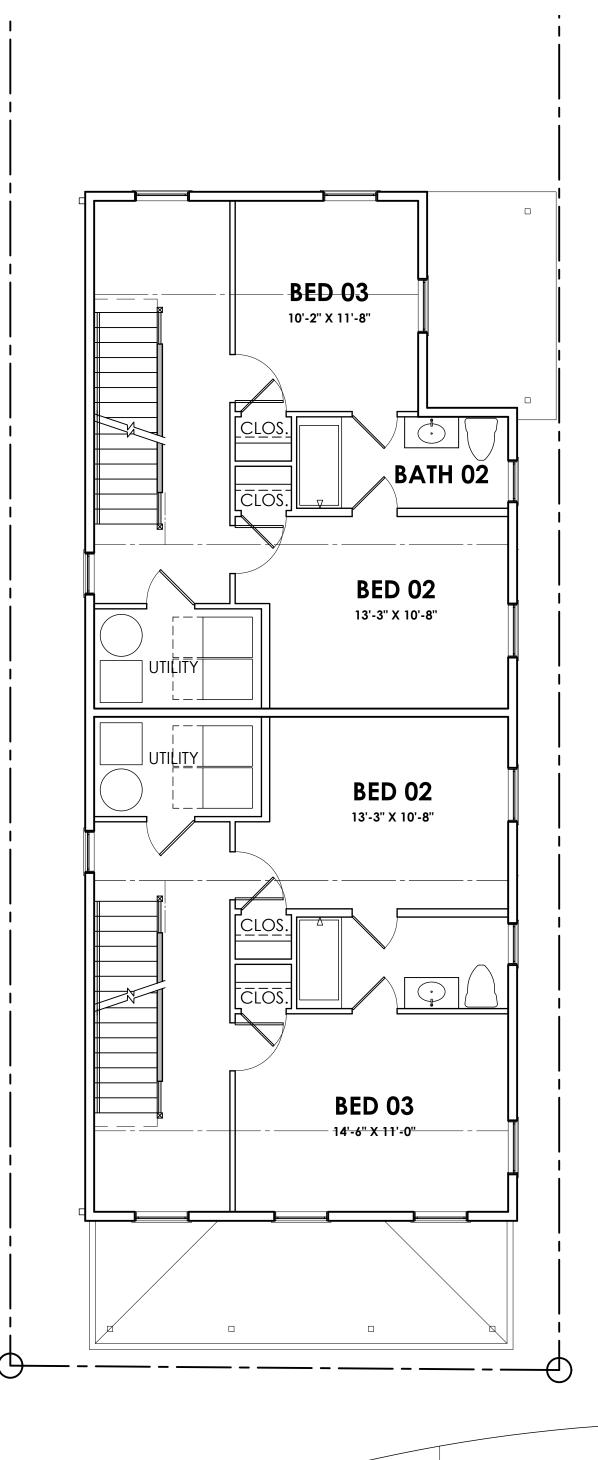
- Available early 2022.
- Available with triple-pane products only.
- <sup>8</sup> Requires the Insynctive App on a smart device, an Insynctive Bridge and a wireless home router with internet connection.
- <sup>9</sup> Window energy efficiency calculated in a computer simulation using RESFEN 6.0 default parameters for a 2000 sq. foot new construction single-story home when Pella Lifestyle Series windows with the respective performance package are compared to a single-pane wood or vinyl window. The energy efficiency and actual savings will vary by location. The average window energy efficiency is based on a national average of 94 modeled cities across the country and weighting based on population. For more details see pella.com/methodology.
- $^{\rm 10}$  Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.

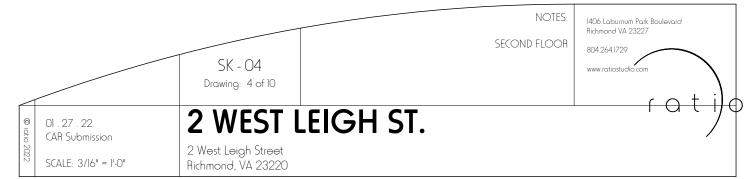


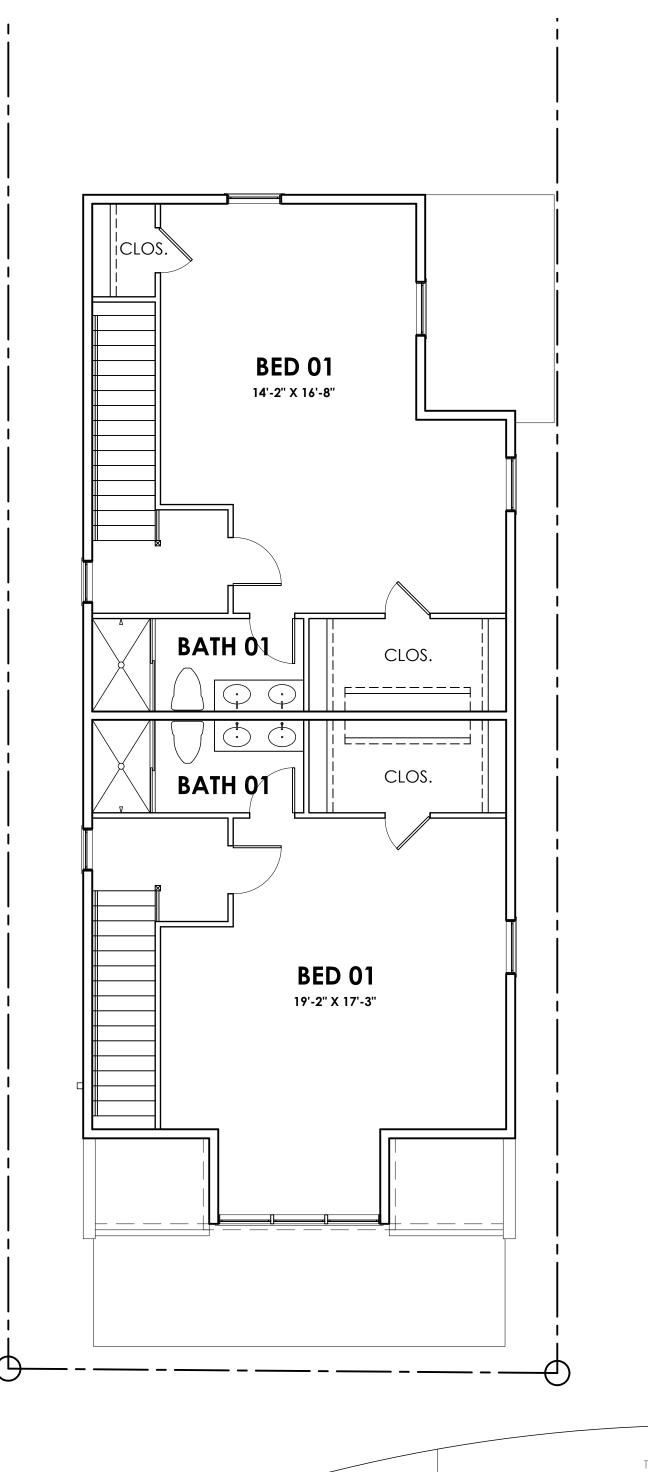


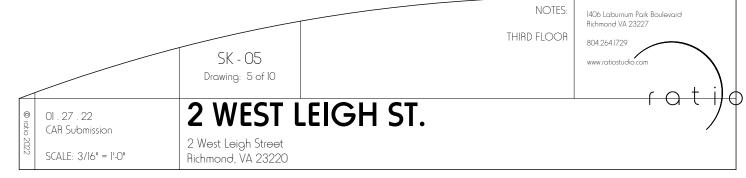


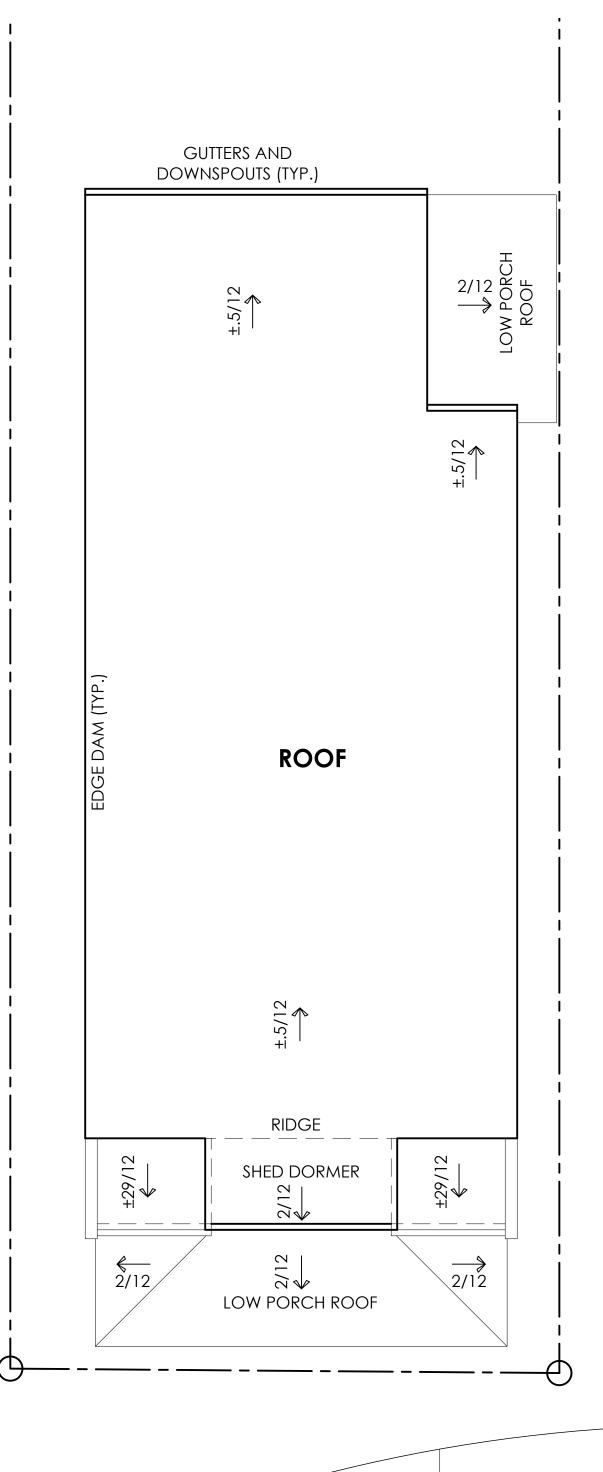


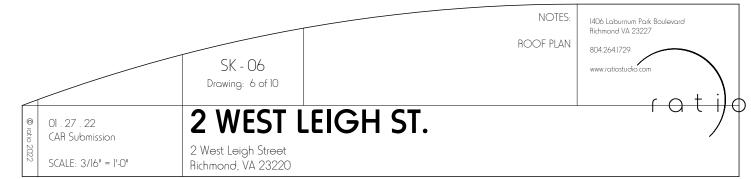


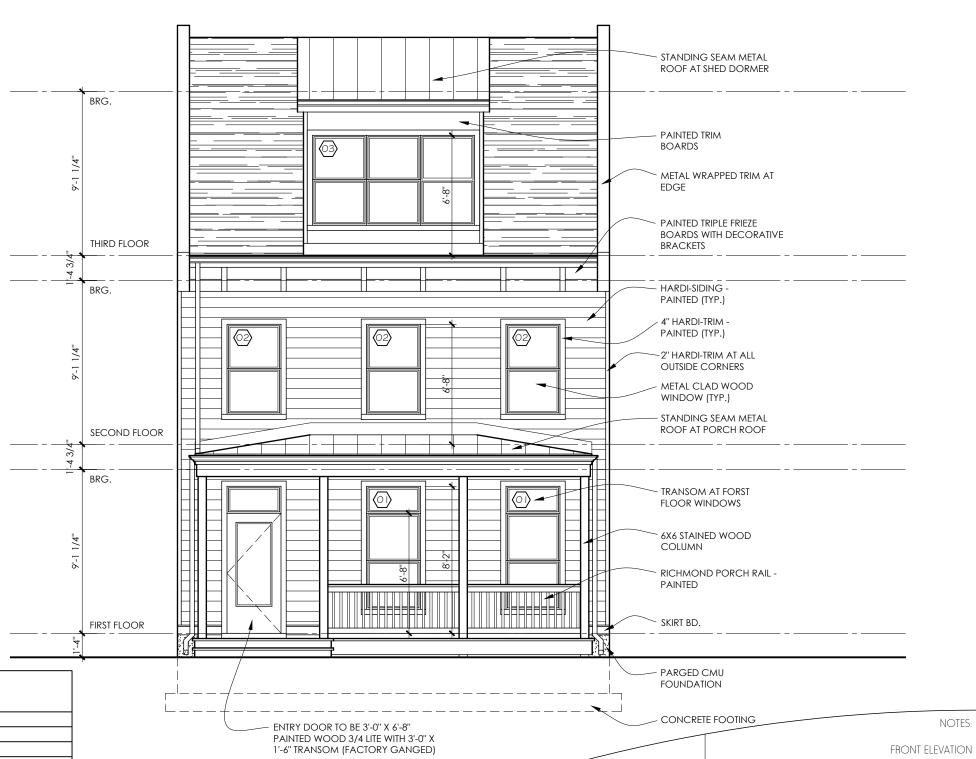












01 . 27 . 22 CAR Submission

SCALE: 3/16" = 1'-0"

SK - 07 Drawing: 7 of 10

2 West Leigh Street

Richmond, VA 23220

2 WEST LEIGH ST.

NOTES:

1406 Laburnum Park Boulevard Richmond VA 23227

<del>rat</del>

804.264.1729

WINDOW SCHEDULE							
MARK	SIZE	TYPE	NOTES				
01	3'-0" X 5'-4"	MTL. CLAD WOOD	Α				
02	3'-0" X 5'-0"	MTL. CLAD WOOD					
03	(3) 3'-0" X 5'-4"	MTL. CLAD WOOD	В				
04	2'-4" X 4'-4"	MTL. CLAD WOOD	Α				
05	2'-4" X 4'-0"	MTL. CLAD WOOD					
06	(2) 3'-0" X 5'-4"	MTL. CLAD WOOD	A & B				
NOTES: A. PROVIDE 3'-0" X 1'-6" FACTORY GANGED TRANSOM.							

B. FACTORY GANGED



SEE FRONT ELEVATION FOR WINDOW SCHEDULE WHITE VINYL OR PVC MEMBRANE ROOFING BRG. WHITE ALUM. K-STYLE
GUTTER AND DOWNSPOUTS (TYP.) PAINTED TRIM BOARDS - HARDI-SIDING -PAINTED (TYP.) THIRD FLOOR BRG. 4" HARDI-TRIM -PAINTED (TYP.) <u>(2)</u> (02) 2" HARDI-TRIM AT ALL OUTSIDE CORNERS METAL CLAD WOOD WINDOW (TYP.) STANDING SEAM METAL ROOF AT PORCH ROOF SECOND FLOOR (i) -TRANSOM AT FORST (O) 6X6 STAINED WOOD COLUMN FLOOR WINDOWS FIRST FLOOR SKIRT BD. -PARGED CMU FOUNDATION CONCRETE FOOTING NOTES: - ENTRY DOOR TO BE 3'-0" X 6'-8" PAINTED WOOD 3/4 LITE WITH 3'-0" X 1'-6" TRANSOM (FACTORY GANGED) 1406 Laburnum Park Boulevard Richmond VA 23227 REAR ELEVATION 804.264.1729 SK - 09 Drawing: 9 of 10 <del>rat</del> 2 WEST LEIGH ST. 01.27.22 CAR Submission 2 West Leigh Street SCALE: 3/16" = 1'-0" Richmond, VA 23220

