

HISTORIC AND DESIGN REVIEW COMMISSION

May 18, 2022

HDRC CASE NO: 2022-272
ADDRESS: 519 N MEDINA
LEGAL DESCRIPTION: NCB 250 BLK 43 LOT 18 (AMERICAN GI FORUM OF BEXAR COUNTY)
ZONING: I-2, HL
CITY COUNCIL DIST.: 5
LANDMARK NAME: Individual Landmark
APPLICANT: Robert Flores / American GI Forum Nat'l Veterans Outreach
OWNER: AMERICAN GI FORUM NATIONAL VETERANS OUTREACH PROGRAM, INC.
TYPE OF WORK: Window replacement
APPLICATION RECEIVED: April 26, 2022
60-DAY REVIEW: Not applicable due to City Council Emergency Orders
CASE MANAGER: Jessica Anderson

REQUEST:

The applicant requests a Certificate of Appropriateness for approval to replace 30 operable metal-sash windows with fixed fiberglass-sash windows.

APPLICABLE CITATIONS:

Historic Design Guidelines, Chapter 2, Exterior Maintenance and Alterations

6. Architectural Features: Doors, Windows, and Screens

A. MAINTENANCE (PRESERVATION)

- i. *Openings*—Preserve existing window and door openings. Avoid enlarging or diminishing to fit stock sizes or air conditioning units. Avoid filling in historic door or window openings. Avoid creating new primary entrances or window openings on the primary façade or where visible from the public right-of-way.
- ii. *Doors*—Preserve historic doors including hardware, fanlights, sidelights, pilasters, and entablatures.
- iii. *Windows*—Preserve historic windows. When glass is broken, the color and clarity of replacement glass should match the original historic glass.
- iv. *Screens and shutters*—Preserve historic window screens and shutters.
- v. *Storm windows*—Install full-view storm windows on the interior of windows for improved energy efficiency. Storm window may be installed on the exterior so long as the visual impact is minimal and original architectural details are not obscured.

B. ALTERATIONS (REHABILITATION, RESTORATION, AND RECONSTRUCTION)

- i. *Doors*—Replace doors, hardware, fanlight, sidelights, pilasters, and entablatures in-kind when possible and when deteriorated beyond repair. When in-kind replacement is not feasible, ensure features match the size, material, and profile of the historic element.
- ii. *New entrances*—Ensure that new entrances, when necessary to comply with other regulations, are compatible in size, scale, shape, proportion, material, and massing with historic entrances.
- iii. *Glazed area*—Avoid installing interior floors or suspended ceilings that block the glazed area of historic windows.
- iv. *Window design*—Install new windows to match the historic or existing windows in terms of size, type, configuration, material, form, appearance, and detail when original windows are deteriorated beyond repair.
- v. *Muntins*—Use the exterior muntin pattern, profile, and size appropriate for the historic building when replacement windows are necessary. Do not use internal muntins sandwiched between layers of glass.
- vi. *Replacement glass*—Use clear glass when replacement glass is necessary. Do not use tinted glass, reflective glass, opaque glass, and other non-traditional glass types unless it was used historically.

When established by the architectural style of the building, patterned, leaded, or colored glass can be used.

- vii. *Non-historic windows*—Replace non-historic incompatible windows with windows that are typical of the architectural style of the building.
- viii. *Security bars*—Install security bars only on the interior of windows and doors.
- ix. *Screens*—Utilize wood screen window frames matching in profile, size, and design of those historically found when the existing screens are deteriorated beyond repair. Ensure that the tint of replacement screens closely matches the original screens or those used historically.
- x. *Shutters*—Incorporate shutters only where they existed historically and where appropriate to the architectural style of the house. Shutters should match the height and width of the opening and be mounted to be operational or appear to be operational. Do not mount shutters directly onto any historic wall material.

Standard Specifications for Replacement Windows

Consistent with the Historic Design Guidelines, the following recommendations are made for replacement windows:

- **MATERIALS:** If full window replacement is approved, the new windows must feature primed and painted wood exterior finish. Clad, composition, or non-wood options are not allowed unless explicitly approved by the commission.
- **SASHES:** Meeting rails must be no taller than 1.25". Stiles must be no wider than 2.25". Top and bottom sashes must be equal in size unless otherwise approved.
- **DEPTH:** There should be a minimum of 2" in depth between the front face of the window trim and the front face of the top window sash. This must be accomplished by recessing the window sufficiently within the opening or with the installation of additional window trim to add thickness.
- **TRIM:** Original trim details and sills should be retained or repaired in kind. If approved, new window trim must feature traditional dimensions and architecturally appropriate casing and sloped sill detail. Window track components such as jamb liners must be painted to match the window trim or concealed by a wood window screen set within the opening.
- **GLAZING:** Replacement windows should feature clear glass. Low-e or reflective coatings are not recommended for replacements. The glazing should not feature faux divided lights with an interior grille. If approved to match a historic window configuration, the window should feature real exterior muntins.
- **COLOR:** Replacement windows should feature a painted finished. If a clad product is approved, white or metallic manufacturer's color is not allowed, and color selection must be presented to staff.
- **INSTALLATION:** Replacement windows should be supplied in a block frame and exclude nailing fins. Window opening sizes should not be altered to accommodate stock sizes prior to approval.

FINDINGS:

- a. The applicant requests a Certificate of Appropriateness for approval to replace 30 operable metal-sash windows with fixed fiberglass-sash windows.
- b. 519 N Medina is a one-story Art Moderne commercial building designed by Atlee and Robert Ayres and constructed in 1947 for the Carpenter Paper Company. The building first appears on a Sanborn Fire Insurance map in 1950. The symmetrical building features stucco cladding, a central bay flanked by ribbons of operable metal-sash windows, and glass blocks in the entry way. The property is an individual landmark.
- c. **WINDOW REPLACEMENT** – The applicant has proposed to replace existing operable metal-sash five-lite windows with five-lite Pella Fiberglass fixed frame direct-set windows. Staff finds the proposed replacement windows do not conform to staff's standards for replacement windows.

RECOMMENDATION:

Staff does not recommend approval based on findings a through c. Staff recommends that the applicant propose a window type that is consistent with staff's standards for replacement windows, as noted in the applicable citations and below.

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City of San Antonio One Stop

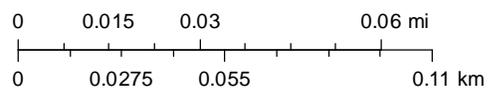


May 12, 2022

1:2,000

-  CoSA Addresses
-  Community Service Centers
-  Pre-K Sites
-  CoSA Parcels
-  BCAD Parcels

 COSA City Limit Boundary



Residential Center for Veterans
Of the
American GI Forum-National Veterans Outreach Program, Inc.



Western-South Section windows.

Western -North Section is identical in width and height.

North Side sections are a third of the width.



A close-up photograph of a window. The window has horizontal blinds that are partially closed, creating a striped pattern of light and shadow. A white, cylindrical object, possibly a name tag or a small container, is attached to the bottom edge of the window frame. The name 'TONY' is written in black marker on the white surface. The window frame is dark, and the surrounding wall is a light, off-white color. The overall image is slightly blurry and has a soft focus.

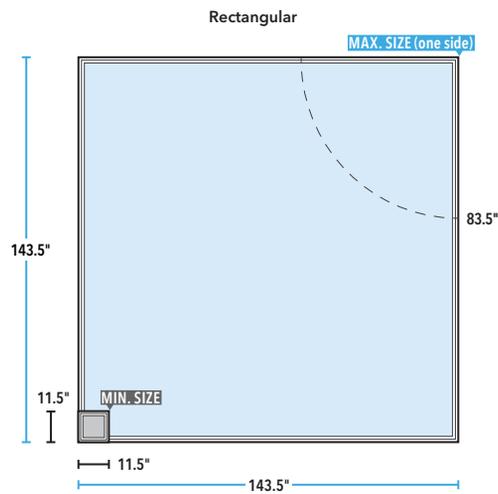
TONY



Pella®
Fiberglass

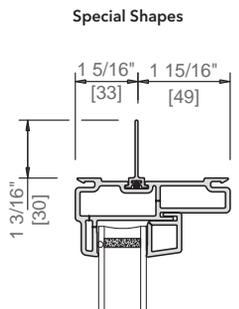
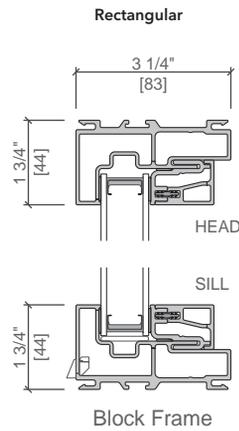
Fixed Frame
Direct-Set
Window

Mitchell Hall
University of New Mexico



Maximum of 11'1/2" in one direction; 70 sq. ft. maximum.
Short side cannot be > 83.5"

For performance and size limitations of 2 and 3-wide composites, see on-line ADM.



Special Shape windows frame and glass stops are made of a fiberglass-resin composite.

Other frame types are available.
Not to scale. All dimensions are approximate.

Special Shapes Frame Dimensions

| Description | Width | | Height | |
|--------------------|-------|--------|--------|-------|
| | Min. | Max. | Min. | Max. |
| Half Circle | 23.5" | 101.5" | - | - |
| Arch Head | 17.5" | 107.5" | 11.5" | 95.5" |
| Springline | 23.5" | 71.5" | 47.5" | 95.5" |
| Partial Arch Head | 17.5" | 71.5" | 11.5" | 95.5" |
| Quarter Circle | 13.5" | 71.5" | - | - |
| Trapezoid | 11.5" | 95.5" | 11.5" | 95.5" |
| Pentagon | 17.5" | 95.5" | 23.5" | 95.5" |
| Isosceles Triangle | 17.5" | 95.5" | 11.5" | 95.5" |
| Triangle | 17.5" | 95.5" | 11.5" | 71.5" |

Shapes are available up to a maximum of 36 sq. ft. when measured as a rectangle.

Fixed Frame Direct Set - Rectangular

| Air, Water, & Structural Performance | Performance Class & Grade Rating | Water Penetration Resistance | Air Infiltration | Design Pressure | Forced Entry |
|--------------------------------------|----------------------------------|------------------------------|------------------|-----------------|--------------|
| | FW - CW +50 / -55 | 7.5 psf | 0.05 | 30 - 50 psf | 40 |

| Thermal Performance | Type of Glazing (Argon fill) | U-Factor | SHGC | VLT % | CR | EnergyStar [®] Capable |
|--------------------------------------------------------------------------------|------------------------------|-------------|-------------|-------------|---------|---------------------------------|
| 1" overall glass thickness 3mm / 3mm 4mm / 4mm 5mm / 5mm 6mm / 6mm | Advanced Low-E IG | 0.26 - 0.31 | 0.26 - 0.33 | 0.47 - 0.61 | 56 - 61 | N, NC |
| | SunDefense™ Low-E IG | 0.25 - 0.31 | 0.20 - 0.24 | 0.44 - 0.56 | 56 - 61 | N, NC, SC, S |
| | AdvancedComfort Low-E IG | 0.21 - 0.25 | 0.25 - 0.32 | 0.46 - 0.60 | 44 - 49 | N, NC SC, S |
| | NaturalSun Low-E IG | 0.27 - 0.32 | 0.45 - 0.60 | 0.54 - 0.69 | 55 - 60 | N |

| Sound Performance | Frame Size Tested | Type of Glazing | STC | OITC |
|-------------------|-------------------------------------------------------|----------------------------|-----|------|
| Dual-Pane | 47-1/2" x 59-1/2" 1" Overall glazing thickness | 3mm / 3mm glass | 28 | 23 |
| | | 4mm / 4mm glass | 30 | 24 |
| | | 5mm / 5mm glass | 31 | 25 |
| | | 6mm / 6mm glass | 32 | 27 |
| | | 5mm / 3mm glass | 31 | 27 |
| | | 4mm / 6mm glass | 33 | 28 |
| | | 4mm / 7mm laminated glass | 33 | 28 |
| Triple-Pane | 47-1/2" x 59-1/2" 1-1/4" Overall glazing thickness | 5mm / 10mm laminated glass | 36 | 31 |
| | | 3mm / 3mm / 3mm glass | 28 | 22 |
| | | 4mm / 4mm / 4mm glass | 30 | 25 |
| | | 5mm / 5mm / 5mm glass | 31 | 26 |
| | | 6mm / 6mm / 6mm glass | 34 | 28 |

Rectangular only: **Code Approvals:** Hallmark Certified; **FPAS#:** FL26584; **TDI#:** Pending

Performance varies based on actual product attributes. See the Performance section earlier in this manual to learn more about performance standards and ratings.

Fixed Frame Direct Set - Special Shapes

| Air, Water, & Structural Performance | Performance Class & Grade Rating | Water Penetration Resistance | Air Infiltration | Design Pressure | Forced Entry |
|--------------------------------------|----------------------------------|------------------------------|------------------|-----------------|--------------|
| | FW-CW30 | 4.5 psf | 0.05 | 30 psf | 40 |

| Thermal Performance | Type of Glazing (Argon fill) | U-Factor | SHGC | VLT % | CR | EnergyStar [®] Capable |
|--------------------------------------------------|------------------------------|-------------|-------------|-------------|---------|---------------------------------|
| 1" overall glass thickness 3mm/3mm 5mm/5mm | Advanced Low-E IG | 0.26 - 0.31 | 0.29 - 0.33 | 0.54 - 0.62 | 58 - 62 | N, NC |
| | SunDefense™ Low-E IG | 0.25 - 0.31 | 0.22 - 0.24 | 0.50 - 0.57 | 58 - 63 | N, NC, SC, S |
| | AdvancedComfort Low-E IG | 0.21 - 0.25 | 0.28 - 0.32 | 0.53 - 0.60 | 45 - 50 | N, NC |
| | NaturalSun Low-E IG | 0.27 - 0.32 | 0.52 - 0.61 | 0.62 - 0.70 | 57 - 62 | N |

| Sound Performance | Frame Size Tested | Type of Glazing | STC | OITC |
|-------------------|-------------------|-----------------------------|-----|------|
| | 47-1/2" x 47-1/2" | 1" with 2.5mm / 2.5mm glass | 27 | 21 |

Special Shapes: **Code Approvals:** Hallmark Certified; **FPAS#** = FL12603 ; **TDI#** = WIN-734

Performance varies based on actual product attributes. See the Performance section earlier in this manual to learn more about performance standards and ratings.



Black



Brown



White

Select from 3 powder coat finishes that are AAMA 624 compliant, designed to resist fading, scratching, denting and damaging UV rays.

Contact: Maribel Zimmerman, Pella South Texas, 6510 Blanco Road, San Antonio, TX 78216 (210) 440-7885 / (210) 735-2030 mzimmerman@pellasouthtexas.com





Proposal - Detailed

Pella Window and Door Showroom of San Antonio
 6510 Blanco Road
 San Antonio, TX 78216

Sales Rep Name: Zimmeran, Maria Elsa
Sales Rep Phone: 210-735-2030
Sales Rep E-Mail: mzimmerman@pellasouthtexas.com
Sales Rep Fax: 210-735-3837

| Customer Information | Project/Delivery Address | Order Information |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| American GI Forum-National Veterans Outreach 611 N Flores St Ste 200 San Antonio, TX 78205-1255 Primary Phone: (210) 2234088 Mobile Phone: Fax Number: E-Mail: Contact Name: Great Plains #: 1006604205 Customer Number: 1010417443 Customer Account: 1006604205 | American GI Forum-Residential Center-Veterans 519 N. Medina Street Lot # San Antonio, TX 78207 County: Owner Name: Owner Phone: | Quote Name: American GI Forum-Residential Center-Veterans Order Number: 370 Quote Number: 15252549 Order Type: Non-Installed Sales Wall Depth: Payment Terms: Tax Code: SATGROUPTX Cust Delivery Date: None Quoted Date: 3/15/2022 Contracted Date: Booked Date: Customer PO #: |

| Line # | Location: | Attributes |
|--------|-----------|------------|
|--------|-----------|------------|

10 A - SOUTH

Impervia, Direct Set, Fixed Frame Rectangle, 49 X 94, Brown

Qty

2



PK #
2109

1: 4994 Fixed Frame Direct Set

Frame Size: 49 X 94

General Information: Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required

Exterior Color / Finish: Brown

Interior Color / Finish: Brown

Glass: Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude

Performance Information: U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11

Grille: Applied Grilles, 1 5/8", Traditional (1W5H)

Wrapping Information: No Exterior Trim, Pella Recommended Clearance, Perimeter Length = 286".

Viewed From Exterior

Rough Opening: 4' 1 1/2" X 7' 10 1/2"

FULL FRAME INSTALL - Full Frame Enc/250 Series/Impervia Install

Qty 1

***MATERIALS001 - Installation Materials - Windows**

Qty 4

W-INSTALL-OVERSIZE - Oversize/Large Unit

Qty 2

For more information regarding the finishing, maintenance, service and warranty of all Pella® products, visit the Pella® website at www.pella.com

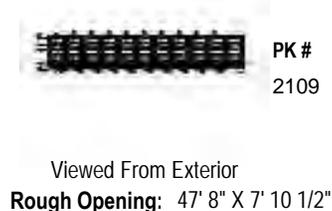
2ndFL-W-INSTALL - 2nd Floor Window Install

Qty 2

***MATERIALS004 - Sealant - OSI Quad Max - CASE OF 12**

Qty 1

| Line # | Location: | Attributes | Qty |
|--------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 15 | B - EAST | <p>Impervia, Direct Set Fixed Frame Rectangle, Impervia, Direct Set Fixed Frame Rectangle, Impervia, Direct Set Fixed Frame Rectangle, Impervia, Direct Set Fixed</p> <p>1: 5194 Fixed Frame Direct Set Frame Size: 51 X 94 General Information: Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required Exterior Color / Finish: Brown Interior Color / Finish: Brown Glass: Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude Performance Information: U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08 11 Grille: Applied Grilles, 1 5/8", Traditional (1W5H) Vertical Mull 1: FieldMull, 1" Structural Mullion w/ 1 Reinforcement, Mull Design Pressure- 20</p> <p>2: 5194 Fixed Frame Direct Set Frame Size: 51 X 94 General Information: Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required Exterior Color / Finish: Brown Interior Color / Finish: Brown Glass: Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude Performance Information: U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08 11 Grille: Applied Grilles, 1 5/8", Traditional (1W5H) Vertical Mull 2: FieldMull, 1" Structural Mullion w/ 1 Reinforcement, Mull Design Pressure- 20</p> <p>3: 5194 Fixed Frame Direct Set Frame Size: 51 X 94 General Information: Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required Exterior Color / Finish: Brown Interior Color / Finish: Brown Glass: Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude Performance Information: U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08 11 Grille: Applied Grilles, 1 5/8", Traditional (1W5H) Vertical Mull 3: FieldMull, 1" Structural Mullion w/ 1 Reinforcement, Mull Design Pressure- 20</p> <p>4: 5194 Fixed Frame Direct Set Frame Size: 51 X 94 General Information: Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required Exterior Color / Finish: Brown Interior Color / Finish: Brown Glass: Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude Performance Information: U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08 11 Grille: Applied Grilles, 1 5/8", Traditional (1W5H) Vertical Mull 4: FieldMull, 1" Structural Mullion w/ 1 Reinforcement, Mull Design Pressure- 20</p> <p>5: 5194 Fixed Frame Direct Set Frame Size: 51 X 94 General Information: Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required Exterior Color / Finish: Brown Interior Color / Finish: Brown Glass: Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude Performance Information: U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08 11 Grille: Applied Grilles, 1 5/8", Traditional (1W5H) Vertical Mull 5: FieldMull, 1" Structural Mullion w/ 1 Reinforcement, Mull Design Pressure- 20</p> | 2 |



6: 5194 Fixed Frame Direct Set**Frame Size:** 51 X 94**General Information:** Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required**Exterior Color / Finish:** Brown**Interior Color / Finish:** Brown**Glass:** Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude**Performance Information:** U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11**Grille:** Applied Grilles, 1 5/8", Traditional (1W5H)**Vertical Mull 6: FieldMull, 1" Structural Mullion w/ 1 Reinforcement, Mull Design Pressure- 20****7: 5194 Fixed Frame Direct Set****Frame Size:** 51 X 94**General Information:** Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required**Exterior Color / Finish:** Brown**Interior Color / Finish:** Brown**Glass:** Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude**Performance Information:** U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11**Grille:** Applied Grilles, 1 5/8", Traditional (1W5H)**Vertical Mull 7: FieldMull, 1" Structural Mullion w/ 1 Reinforcement, Mull Design Pressure- 20****8: 5194 Fixed Frame Direct Set****Frame Size:** 51 X 94**General Information:** Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required**Exterior Color / Finish:** Brown**Interior Color / Finish:** Brown**Glass:** Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude**Performance Information:** U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11**Grille:** Applied Grilles, 1 5/8", Traditional (1W5H)**Vertical Mull 8: FieldMull, 1" Structural Mullion w/ 1 Reinforcement, Mull Design Pressure- 20****9: 5194 Fixed Frame Direct Set****Frame Size:** 51 X 94**General Information:** Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required**Exterior Color / Finish:** Brown**Interior Color / Finish:** Brown**Glass:** Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude**Performance Information:** U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11**Grille:** Applied Grilles, 1 5/8", Traditional (1W5H)**Vertical Mull 9: FieldMull, 1" Structural Mullion w/ 1 Reinforcement, Mull Design Pressure- 20****10: 5194 Fixed Frame Direct Set****Frame Size:** 51 X 94**General Information:** Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required**Exterior Color / Finish:** Brown**Interior Color / Finish:** Brown**Glass:** Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude**Performance Information:** U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11**Grille:** Applied Grilles, 1 5/8", Traditional (1W5H)**Vertical Mull 10: FieldMull, 1" Structural Mullion w/ 1 Reinforcement, Mull Design Pressure- 20****11: 5194 Fixed Frame Direct Set****Frame Size:** 51 X 94**General Information:** Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required**Exterior Color / Finish:** Brown**Interior Color / Finish:** Brown

Glass: Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude

Performance Information: U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11

Grille: Applied Grilles, 1 5/8", Traditional (1W5H)

Wrapping Information: No Exterior Trim, Pella Recommended Clearance, Perimeter Length = 1330".

| | | |
|------------------------------------------------------------------------|-----|----|
| *MATERIALS004 - Sealant - OSI Quad Max - CASE OF 12 | Qty | 4 |
| FULL FRAME INSTALL - Full Frame Enc/250 Series/Impervia Install | Qty | 16 |
| 2ndFL-W-INSTALL - 2nd Floor Window Install | Qty | 15 |
| *MATERIALS001 - Installation Materials - Windows | Qty | 16 |

| Line # | Location: | Attributes |
|--------|-----------|------------|
|--------|-----------|------------|

25 C - NORTH



PK #
2109

Viewed From Exterior

Rough Opening: 12' 11" X 7' 10 1/2"

Impervia, Direct Set Fixed Frame Rectangle, Impervia, Direct Set Fixed Frame Rectangle, Impervia, Direct Set Fixed Frame Rectangle, 154 X 94, Brown

Qty
2

1: 5194 Fixed Frame Direct Set

Frame Size: 51 X 94

General Information: Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required

Exterior Color / Finish: Brown

Interior Color / Finish: Brown

Glass: Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude

Performance Information: U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11

Grille: Applied Grilles, 1 5/8", Traditional (1W5H)

Vertical Mull 1: FieldMull, 1/2" Structural Mullion w/ 1 Reinforcement, Mull Design Pressure- 20

2: 5194 Fixed Frame Direct Set

Frame Size: 51 X 94

General Information: Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required

Exterior Color / Finish: Brown

Interior Color / Finish: Brown

Glass: Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude

Performance Information: U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11

Grille: Applied Grilles, 1 5/8", Traditional (1W5H)

Vertical Mull 2: FieldMull, 1/2" Structural Mullion w/ 1 Reinforcement, Mull Design Pressure- 20

3: 5194 Fixed Frame Direct Set

Frame Size: 51 X 94

General Information: Impervia Direct Set (New), Standard, Duracast®, Block, Foam Insulated, 3 1/4", 1 15/16", Interior Access Only Required

Exterior Color / Finish: Brown

Interior Color / Finish: Brown

Glass: Insulated Dual Low-E SunDefense™ Low-E Insulating Glass Argon Non High Altitude

Performance Information: U-Factor 0.25, SHGC 0.20, VLT 0.44, CPD PEL-N-257-00240-00005, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11

Grille: Applied Grilles, 1 5/8", Traditional (1W5H)

Wrapping Information: No Exterior Trim, Pella Recommended Clearance, Perimeter Length = 496".

| | | |
|-----------------------------------------------------------------|-----|---|
| W-INSTALL-OVERSIZE - Oversize/Large Unit | Qty | 2 |
| FULL FRAME INSTALL - Full Frame Enc/250 Series/Impervia Install | Qty | 1 |
| *MATERIALS004 - Sealant - OSI Quad Max - CASE OF 12 | Qty | 1 |
| *MATERIALS001 - Installation Materials - Windows | Qty | 4 |

Thank You For Your Interest In Pella® Products

PELLA WARRANTY:

Pella products are covered by Pella's limited warranties in effect at the time of sale. All applicable product warranties are incorporated into and become a part of this contract. Please see the warranties for complete details, taking special note of the two important notice sections regarding installation of Pella products and proper management of moisture within the wall system. Neither Pella Corporation nor the Seller will be bound by any other warranty unless specifically set out in this contract. However, Pella Corporation will not be liable for branch warranties which create obligations in addition to or obligations which are inconsistent with Pella written warranties.

Clear opening (egress) information does not take into consideration the addition of a Rolscreen [or any other accessory] to the product. You should consult your local building code to ensure your Pella products meet local egress requirements.

Per the manufacturer's limited warranty, unfinished mahogany exterior windows and doors must be finished upon receipt prior to installing and refinished annually, thereafter. Variations in wood grain, color, texture or natural characteristics are not covered under the limited warranty.

INSYNCTIVE PRODUCTS: In addition, Pella Insynctive Products are covered by the Pella Insynctive Products Software License Agreement and Pella Insynctive Products Privacy Policy in effect at the time of sale, which can be found at [Insynctive.pella.com](https://www.pella.com). By installing or using Your Insynctive Products you are acknowledging the Insynctive Software Agreement and Privacy Policy are part of the terms of sale.

Notice of Collection of Personal Information: We may collect your personal information when you interact with us. Under the California Consumer Privacy Act (CCPA), California residents have specific rights to request this information, request to delete this information, and opt out of the sharing or sale of this information to third parties. To learn more about our collection practices and your rights under the CCPA please visit our link <https://www.pella.com/california-rights-policy/> at pella.com.

ARBITRATION AND CLASS ACTION WAIVER ("ARBITRATION AGREEMENT")

YOU and Pella and its subsidiaries and the Pella Branded Distributor **AGREE TO ARBITRATE DISPUTES ARISING OUT OF OR RELATING TO YOUR PELLA PRODUCTS (INCLUDES PELLA GOODS AND PELLA SERVICES) AND WAIVE THE RIGHT TO HAVE A COURT OR JURY DECIDE DISPUTES. YOU WAIVE ALL RIGHTS TO PROCEED AS A MEMBER OR REPRESENTATIVE OF A CLASS ACTION, INCLUDING CLASS ARBITRATION, REGARDING DISPUTES ARISING OUT OF OR RELATING TO YOUR PELLA PRODUCTS.** You may opt out of this Arbitration Agreement by providing notice to Pella no later than ninety (90) calendar days from the date You purchased or otherwise took ownership of Your Pella Goods. To opt out, You must send notice by e-mail to pellawebsupport@pella.com, with the subject line: "Arbitration Opt Out" or by calling (877) 473-5527. Opting out of the Arbitration Agreement will not affect the coverage provided by any applicable limited warranty pertaining to Your Pella Products. For complete information, including the full terms and conditions of this Arbitration Agreement, which are incorporated herein by reference, please visit www.pella.com/arbitration or e-mail to pellawebsupport@pella.com, with the subject line: "Arbitration Details" or call (877) 473-5527. D'ARBITRAGE ET RENONCIATION AU RECOURS COLLECTIF ("convention d'arbitrage") EN FRANÇAIS SEE PELLA.COM/ARBITRATION. DE ARBITRAJE Y RENUNCIA COLECTIVA ("acuerdo de arbitraje") EN ESPAÑOL VER PELLA.COM/ARBITRATION.

Seller shall not be held liable for failure or delay in the performance of its obligations under this Agreement, if such performance is hindered or delayed by the occurrence of an act or event beyond the Seller's reasonable control (force majeure event), including but not limited to earthquakes, unusually severe weather and other Acts of God, fire, strikes and labor unrest, epidemics, riots, war, civil unrest, and government interventions. Seller shall give timely notice of a force majeure event and take such reasonable action to mitigate the impacts of such an event.

Product Performance Information:

U-Factor, Solar Heat Gain Coefficient (SHGC), and Visible Light Transmittance (VLT) are certified by the National Fenestration Rating Council (NFRC).

For more information regarding the finishing, maintenance, service and warranty of all Pella® products, visit the Pella® website at www.pella.com

Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any products and does not warrant the suitability of any product for any specific use.

Design Pressure (DP), Performance Class, and Performance Grade (PG) are certified by a third party organization, in many cases the Window and Door Manufacturers Association (WDMA). The certification requires the performance of at least one product of the product line to be tested in accordance with the applicable performance standards and verified by an independent party. The certification indicates that the product(s) of the product line passed the applicable tests. The certification does not apply to mulled and/or product combinations unless noted. Actual product results will vary and change over the products life.

For more performance information along with information on Florida Product Approval System (FPAS) Number and Texas Dept. of Insurance (TDI) number go to www.pella.com/performance.

TERMS & CONDITIONS:

Customer Name (Please print)

Pella Sales Rep Name (Please print)

Customer Signature

Pella Sales Rep Signature

Date

Date

| Order Totals | |
|-------------------------|--------------------|
| Taxable Subtotal | \$65,457.22 |
| Sales Tax @ 8.25% | \$5,400.22 |
| Non-taxable Subtotal | \$14,653.50 |
| Total | \$85,510.94 |
| Deposit Received | \$0.00 |
| Amount Due | \$85,510.94 |















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EXIT

NOTICE
No Smoking
No Alcohol

