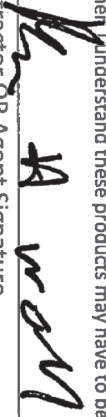


As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ [www.floridabuilding.org](http://www.floridabuilding.org)

| Category/Subcategory            | Manufacturer | Product Description       | Approval Number(s) |
|---------------------------------|--------------|---------------------------|--------------------|
| <b>1. EXTERIOR DOORS</b>        |              |                           |                    |
| A. SWINGING                     |              |                           |                    |
| B. SLIDING                      |              |                           |                    |
| C. SECTIONAL/ROLL UP            |              |                           |                    |
| D. OTHER                        |              |                           |                    |
| <b>2. WINDOWS</b>               |              |                           |                    |
| A. SINGLE/DOUBLE HUNG           | Wincore      | Double Hung Window        | 15819.8            |
| B. HORIZONTAL SLIDER            | Wincore      | Horizontal Sliding Window | 16092.1            |
| C. CASEMENT                     |              |                           |                    |
| D. FIXED                        |              |                           |                    |
| E. MULLION                      |              |                           |                    |
| F. SKYLIGHTS                    |              |                           |                    |
| G. OTHER                        |              |                           |                    |
| <b>3. PANEL WALL</b>            |              |                           |                    |
| A. SIDING                       |              |                           |                    |
| B. SOFFITS                      |              |                           |                    |
| C. STOREFRONTS                  |              |                           |                    |
| D. GLASS BLOCK                  |              |                           |                    |
| E. OTHER                        |              |                           |                    |
| <b>4. ROOFING PRODUCTS</b>      |              |                           |                    |
| A. ASPHALT SHINGLES             |              |                           |                    |
| B. NON-STRUCTURAL METAL         |              |                           |                    |
| C. ROOFING TILES                |              |                           |                    |
| D. SINGLE PLY ROOF              |              |                           |                    |
| E. OTHER                        |              |                           |                    |
| <b>5. STRUCTURAL COMPONENTS</b> |              |                           |                    |
| A. WOOD CONNECTORS              |              |                           |                    |
| B. WOOD ANCHORS                 |              |                           |                    |
| C. TRUSS PLATES                 |              |                           |                    |
| D. INSULATION FORMS             |              |                           |                    |
| E. LINTELS                      |              |                           |                    |
| F. OTHERS                       |              |                           |                    |
| <b>6. NEW EXTERIOR</b>          |              |                           |                    |
| <b>ENVELOPE PRODUCTS</b>        |              |                           |                    |

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

 10/12/2024

Contractor OR Agent Signature

Date

NOTES: \_\_\_\_\_



**Product Approval**  
User: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > **Application List**



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SECRETARY

### Search Criteria

|                               |      |                                           |         |
|-------------------------------|------|-------------------------------------------|---------|
| Code Version                  | 2023 | FL #                                      | 16092.1 |
| Application Type              | ALL  | Product Manufacturer                      | ALL     |
| Category                      | ALL  | Subcategory                               | ALL     |
| Application Status            | ALL  | Compliance Method                         | ALL     |
| Quality Assurance Entity      | ALL  | Quality Assurance Entity Contract Expired | ALL     |
| Product Model, Number or Name | ALL  | Product Description                       | ALL     |
| Approved for use in HVHZ      | ALL  | Approved for use outside HVHZ             | ALL     |
| Impact Resistant              | ALL  | Design Pressure                           | ALL     |
| Other                         | ALL  |                                           | ALL     |

[Refine Search](#)

### Search Results - Applications

| FL #                       | Type     | Manufacturer                                                                                                                                                                                                                                                                             | Validated By                            | Status   |
|----------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------|
| <a href="#">FL16092-R9</a> | Revision | Wincore Window Company, LLC<br>FL #: FL16092.1<br>Model: a. 8400 Series Vinyl Horizontal Sliding Window<br>Description: Extruded PVC Horizontal Sliding Window with "Non-Impact"<br>Insulated Glass (XX, OX or XO Configurations)<br>Category: Windows<br>Subcategory: Horizontal Slider | Ryan J. King,<br>P.E.<br>(813) 767-6555 | Approved |

\*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

[Contact Us](#) :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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#### Product Approval Accepts:





[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

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FL #  
Application Type  
Code Version  
Application Status

FL16092-R9  
Revision  
2023  
Approved

Comments  
Archived

☐

Product Manufacturer  
Address/Phone/Email

Wincore Window Company, LLC  
250 Staunton Avenue  
Parkersburg, WV 26104  
(304) 485-7460 Ext 228  
dgeorge@wincorewindows.com

Authorized Signature

Vivian Wright  
rickw@rwbldgconsultants.com

Technical Representative  
Address/Phone/Email

Danny George  
250 Staunton Avenue  
Parkersburg, WV 26104  
(304) 485-7460  
dgeorge@wincorewindows.com

Quality Assurance Representative  
Address/Phone/Email

Danny George  
250 Staunton Avenue  
Parkersburg, WV 26014  
(304) 485-7460  
dgeorge@wincorewindows.com

Category  
Subcategory

Windows  
Horizontal Slider

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer  
☐ Evaluation Report - Hardcopy Received

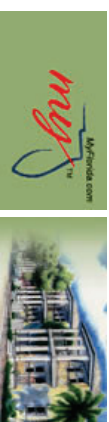
Florida Engineer or Architect Name who developed the Evaluation Report  
Florida License  
Quality Assurance Entity  
Quality Assurance Contract Expiration Date  
Validated By

Lyndon F. Schmidt, P.E.  
PE--43409  
National Accreditation and Management Institute  
12/31/2024  
Ryan J. King, P.E.  
☒ Validation Checklist - Hardcopy Received

Certificate of Independence

[FL16092\\_R9\\_COI \(e\) Cert of Independence.pdf](#)

| Referenced Standard and Year (of Standard) | Standard                    | Year |
|--------------------------------------------|-----------------------------|------|
|                                            | AAMA/WDMA/CSA101/1.S.2/A440 | 2008 |
|                                            | AAMA/WDMA/CSA101/1.S.2/A440 | 2011 |
|                                            | ASTM E 1300                 | 2004 |
|                                            | ASTM E1886                  | 2005 |
|                                            | ASTM E1996                  | 2006 |
|                                            | ASTM E1996                  | 2009 |





250 Staunton Turnpike, Parkersburg, WV 26104

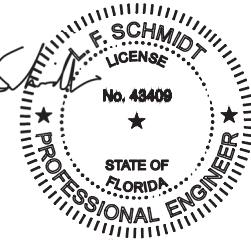
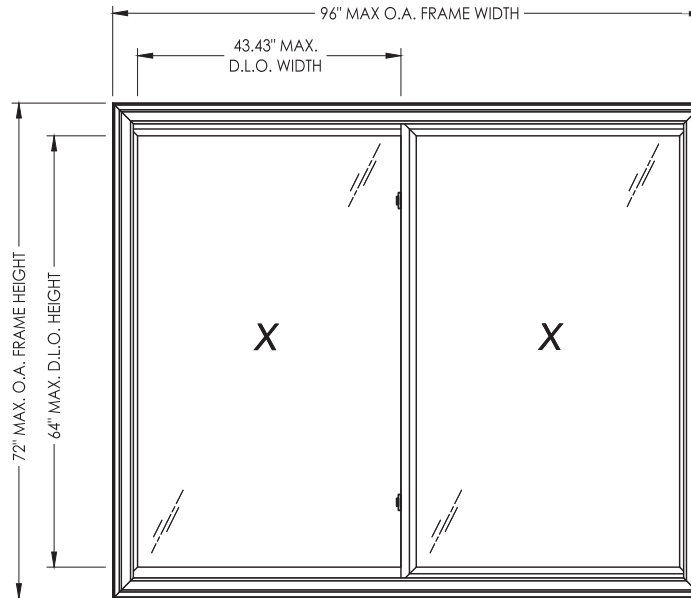
## 8400 Series Vinyl Horizontal Sliding Window "NON-IMPACT"

### GENERAL NOTES

- This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS

| SHEET# | DESCRIPTION                                            |
|--------|--------------------------------------------------------|
| 1      | Typical elevations, design pressures and general notes |
| 2      | Horizontal cross sections                              |
| 3      | Vertical cross sections                                |
| 4      | Buck and frame anchoring                               |
| 5      | Components                                             |
| 6      | Bill of materials & glazing details                    |



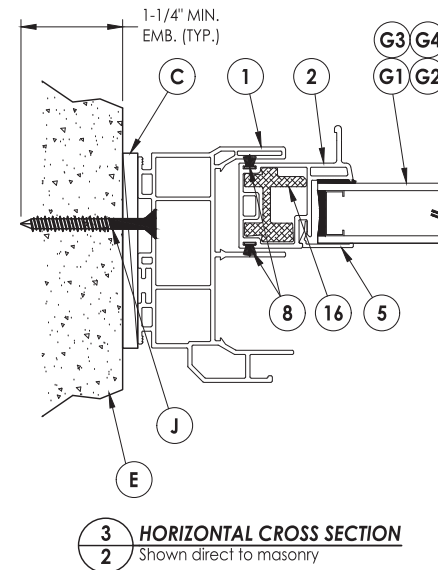
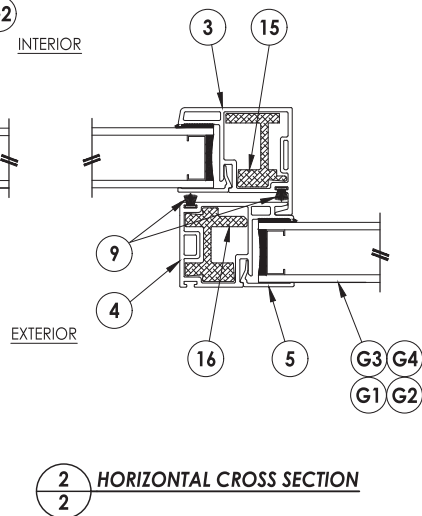
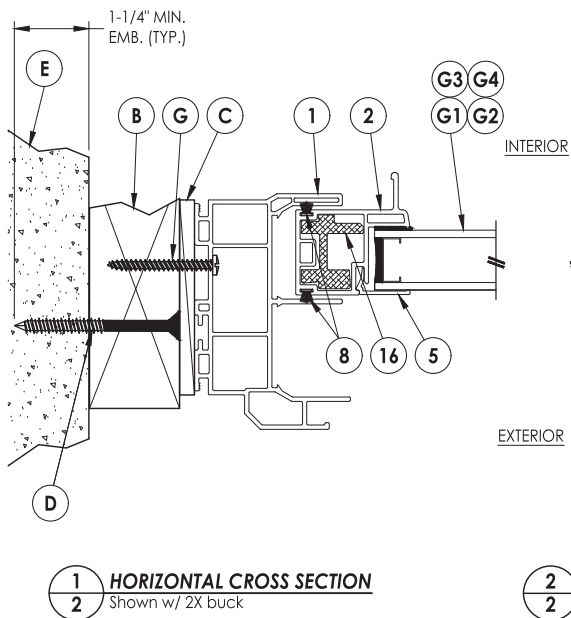
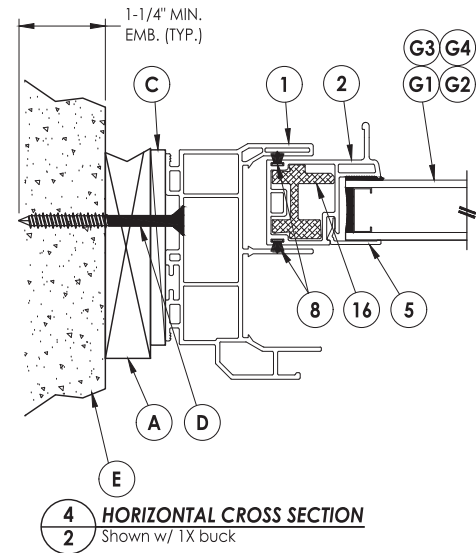
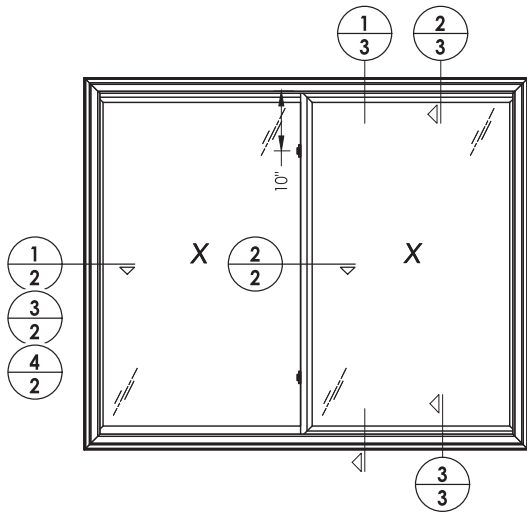
Digitally signed by Lyndon F Schmidt  
Date: 2023.07.06 10:33:45 -04'00'

This item has been digitally signed and sealed by  
L. F. Schmidt, P.E. on the date adjacent to the seal.  
Printed copies of this document are not  
considered signed and sealed and the signature  
must be verified on any electronic copies.

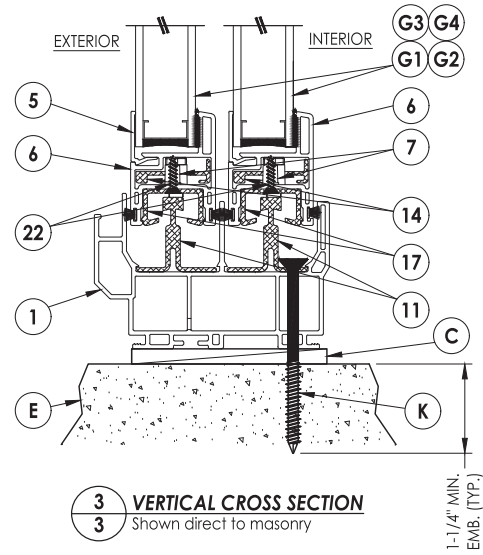
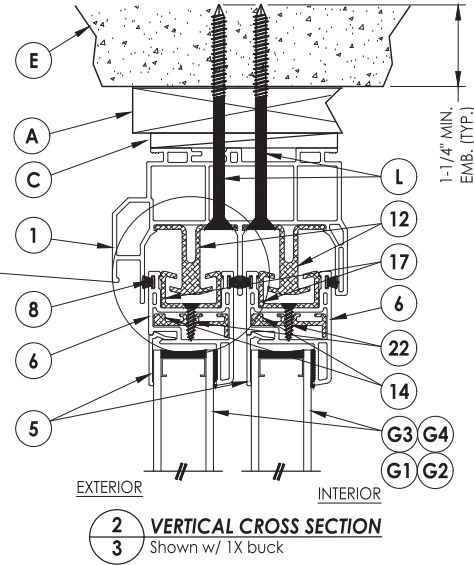
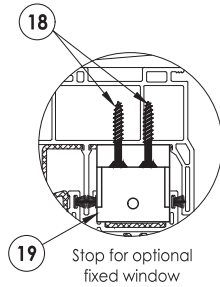
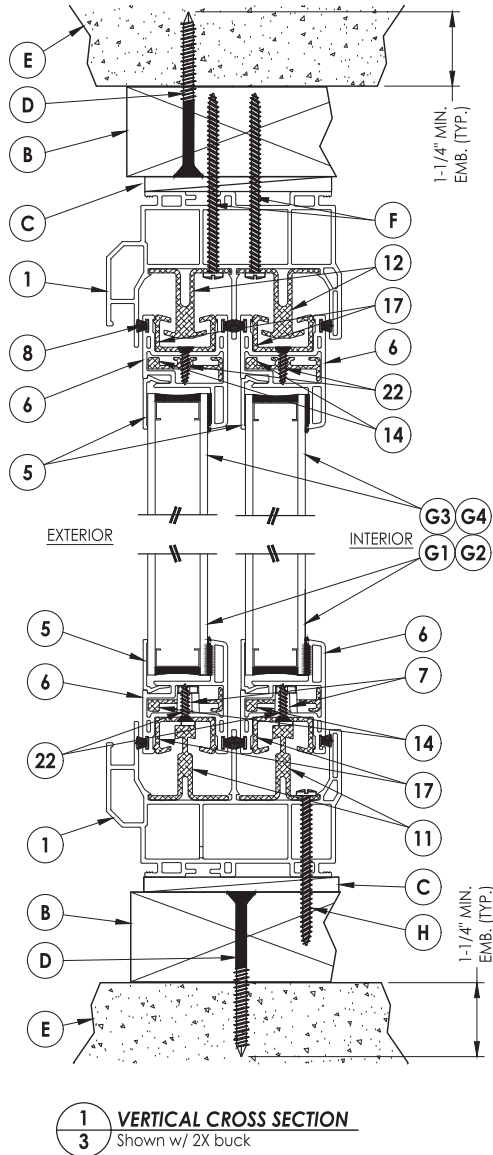
THIS PRODUCT APPROVAL IS VALID  
ONLY FOR THE STATE OF FLORIDA

| MAX.<br>FRAME<br>DIMENSION | MAX.<br>D.L.O.<br>DIMENSION | GLASS<br>TYPE | DESIGN PRESSURE (PSF) |          |
|----------------------------|-----------------------------|---------------|-----------------------|----------|
|                            |                             |               | POSITIVE              | NEGATIVE |
| 74.0" X 62.0"              | 32.43" X 54.0"              | G1, G3        | +50.0                 | -50.0    |
| 84.0" X 63.0"              | 37.37" X 55.12"             | G1, G3        | +50.0                 | -50.0    |
| 96.0" X 72.0"              | 43.37" X 64.12"             | G1, G3        | +40.0                 | -40.0    |
| 74.0" X 63.0"              | 32.43" X 55.0"              | G2, G4        | +60.0                 | -65.0    |
| 84.0" X 63.0"              | 37.37" X 55.12"             | G2, G4        | +65.0                 | -65.0    |
| 96.0" X 72.0"              | 43.37" X 64.12"             | G2, G4        | +50.0                 | -50.0    |

|                                                               |         |                                                                                                                    |                            |
|---------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------|----------------------------|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |         | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |                            |
| PRODUCT:<br>8400 SERIES                                       |         | PART OR ASSEMBLY:<br>TYPICAL ELEVATION, DESIGN<br>PRESSURES & GENERAL NOTES                                        |                            |
| LFS                                                           | FBC     | LFS                                                                                                                | BY                         |
| LFS                                                           | FBC     | LFS                                                                                                                | DATE                       |
| LFS                                                           | FBC     | LFS                                                                                                                | NO.                        |
| LFS                                                           | FBC     | LFS                                                                                                                | REVISIONS                  |
| 6                                                             | 7/06/23 | UPDATE TO 8TH ED. (2023)                                                                                           | DATE: 12/05/12             |
| 5                                                             | 7/06/20 | UPDATE TO 7TH ED. (2020)                                                                                           | SCALE: N.T.S.              |
| 4                                                             | 6/01/17 | UPDATE TO 6TH ED. (2017)                                                                                           | DWG. BY: JK                |
| 3                                                             | 1/11/16 | ADD NEW FRAME SIZES                                                                                                | CHK. BY: LFS               |
| 2                                                             | 1/28/15 | UPDATE TO 5TH ED. (2014)                                                                                           | DRAWING NO.:<br>FL-16092.1 |
| 1                                                             | 4/04/13 | UPDATE FRAME SIZE/DP/GLZ                                                                                           | SHEET 1 OF 6               |



|                                                               |         |                          |                                                                                                                    |           |  |
|---------------------------------------------------------------|---------|--------------------------|--------------------------------------------------------------------------------------------------------------------|-----------|--|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |         |                          | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Vairico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |           |  |
| PRODUCT:<br>8400 SERIES                                       |         |                          | PART OR ASSEMBLY:<br>HORIZONTAL<br>CROSS SECTIONS                                                                  |           |  |
| 6                                                             | 7/06/23 | UPDATE TO 8TH ED. (2023) | FBC                                                                                                                | REVISIONS |  |
| 5                                                             | 7/06/20 | UPDATE TO 7TH ED. (2020) | FBC                                                                                                                |           |  |
| 4                                                             | 6/01/17 | UPDATE TO 6TH ED. (2017) | FBC                                                                                                                |           |  |
| 3                                                             | 1/11/16 | ADD NEW FRAME SIZES      | LFS                                                                                                                |           |  |
| 2                                                             | 1/28/15 | UPDATE TO 5TH ED. (2014) | FBC                                                                                                                |           |  |
| 1                                                             | 4/04/13 | UPDATE FRAME SIZE/DP/GLZ | LFS                                                                                                                |           |  |
| NO. DATE                                                      |         | BY                       |                                                                                                                    |           |  |
| DATE: 12/05/12                                                |         |                          |                                                                                                                    |           |  |
| SCALE: N.T.S.                                                 |         |                          |                                                                                                                    |           |  |
| DWG. BY: JK                                                   |         |                          |                                                                                                                    |           |  |
| CHK. BY: LFS                                                  |         |                          |                                                                                                                    |           |  |
| DRAWING NO.:<br>FL-16092.1                                    |         |                          |                                                                                                                    |           |  |
| SHEET 2 OF 6                                                  |         |                          |                                                                                                                    |           |  |



|                                                               |         |                                                                                                                    |         |
|---------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------|---------|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |         | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |         |
| PRODUCT:<br>8400 SERIES                                       |         | PART OR ASSEMBLY:<br>VERTICAL<br>CROSS SECTIONS                                                                    |         |
| 6                                                             | 7/06/23 | UPDATE TO 8TH ED. (2023)                                                                                           | FBC LFS |
| 5                                                             | 7/06/20 | UPDATE TO 7TH ED. (2020)                                                                                           | FBC LFS |
| 4                                                             | 6/01/17 | UPDATE TO 6TH ED. (2017)                                                                                           | FBC LFS |
| 3                                                             | 1/11/16 | ADD NEW FRAME SIZES                                                                                                | LFS     |
| 2                                                             | 1/28/15 | UPDATE TO 5TH ED. (2014)                                                                                           | FBC JK  |
| 1                                                             | 4/04/13 | UPDATE FRAME SIZE/DP/GLZ                                                                                           | LFS     |
| NO. DATE                                                      |         | REVISIONS                                                                                                          |         |
|                                                               |         | BY                                                                                                                 |         |
| DATE: 12/05/12                                                |         |                                                                                                                    |         |
| SCALE: N.T.S.                                                 |         |                                                                                                                    |         |
| DWG. BY: JK                                                   |         |                                                                                                                    |         |
| CHK. BY: LFS                                                  |         |                                                                                                                    |         |
| DRAWING NO.: FL-16092.1                                       |         |                                                                                                                    |         |
| SHEET 3 OF 6                                                  |         |                                                                                                                    |         |



CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

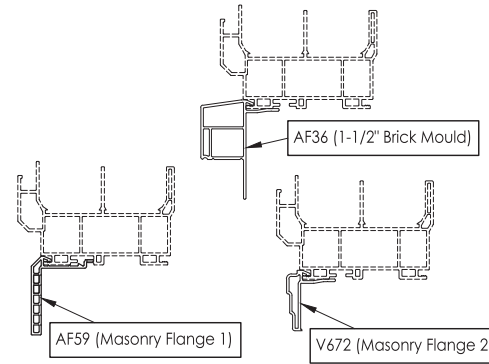
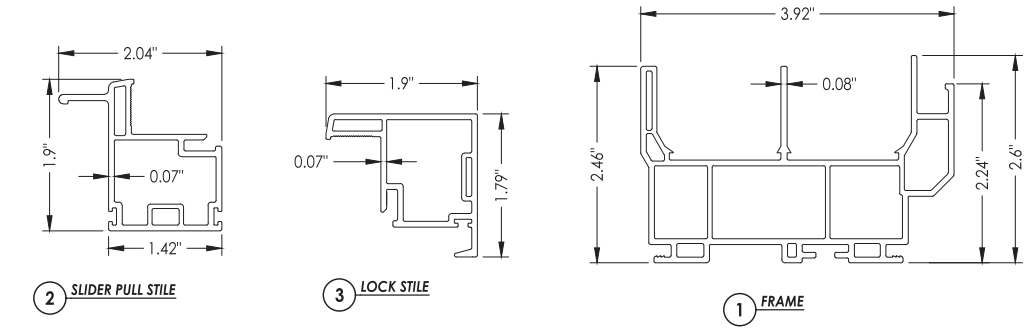
| ANCHOR TYPE                | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|----------------------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW TAPCON®                | 1/4"        | 1-1/4"         | 2"                             | 4"                                |
| DeWALT ULTRA CON®<br>HILTI | 1/4"        | 1-1/4"         | 2-1/2"                         | 3"                                |
| KWIK-CON II+               | 1/4"        | 1-1/4"         | 2-1/2"                         | 3"                                |

WOOD SCREW INSTALLATION NOTES:

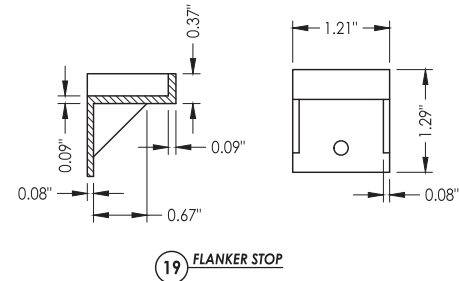
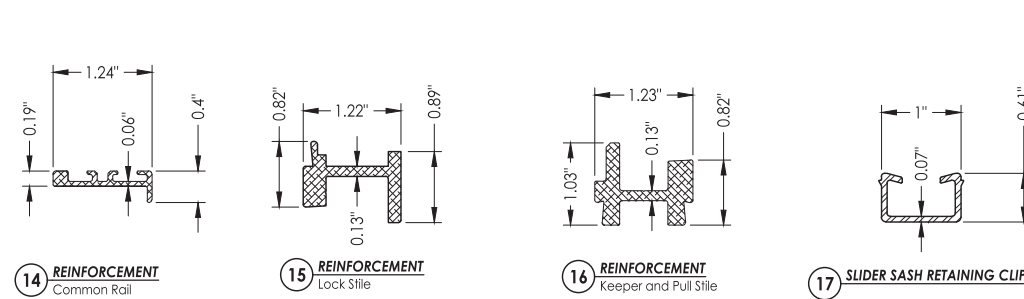
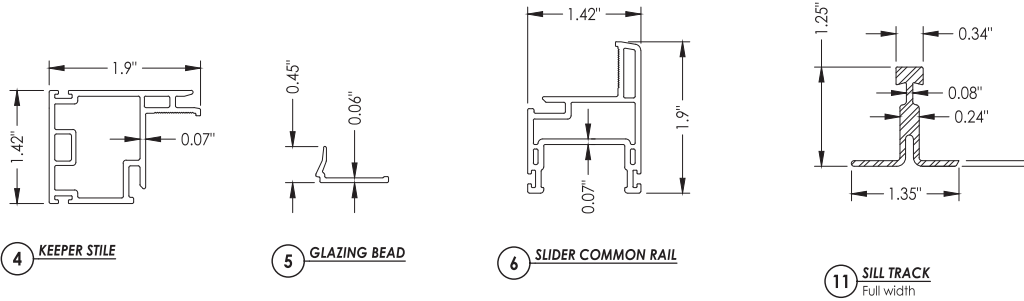
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



|                            |         |                          |     |     |
|----------------------------|---------|--------------------------|-----|-----|
| 6                          | 7/06/23 | UPDATE TO 8TH ED. (2023) | FBC | LFS |
| 5                          | 7/06/20 | UPDATE TO 7TH ED. (2020) | FBC | LFS |
| 4                          | 6/01/17 | UPDATE TO 6TH ED. (2017) | FBC | LFS |
| 3                          | 1/11/16 | ADD NEW FRAME SIZES      |     | LFS |
| 2                          | 1/28/15 | UPDATE TO 5TH ED. (2014) | FBC | JK  |
| 1                          | 4/04/13 | UPDATE FRAME SIZE/DP/GLZ |     | LFS |
| NO.                        | DATE    | REVISIONS                |     |     |
| DATE: 12/05/12             |         |                          |     |     |
| SCALE: N.T.S.              |         |                          |     |     |
| DWG. BY: JK                |         |                          |     |     |
| CHK. BY: LFS               |         |                          |     |     |
| DRAWING NO.:<br>FL-16092.1 |         |                          |     |     |
| SHEET                      | 4       | OF                       | 6   |     |



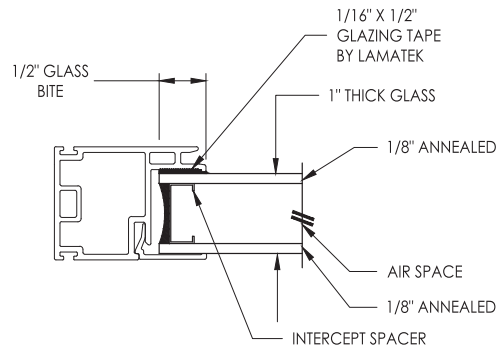
OPTIONAL COSMETIC FLANGES



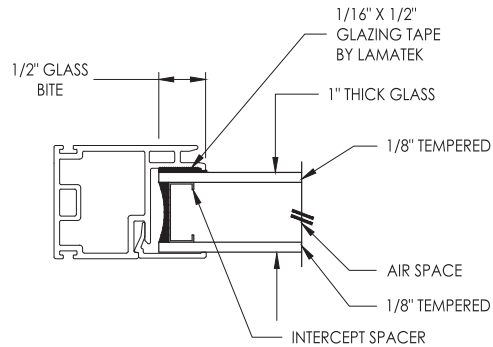
|                        |  |                   |  |                   |  |
|------------------------|--|-------------------|--|-------------------|--|
| Documents Prepared By: |  | Lyndon F. Schmidt |  | P.E. No. 43409    |  |
| PRODUCT:               |  | 8400 SERIES       |  | PART OR ASSEMBLY: |  |
| LFS                    |  | FBC               |  | COMPONENTS        |  |
| LFS                    |  | FBC               |  | BY                |  |
| LFS                    |  | FBC               |  | DATE              |  |
| JK                     |  | FBC               |  | REVISIONS         |  |
| LFS                    |  | FBC               |  | NO.               |  |
| LFS                    |  | FBC               |  | DATE              |  |
| LFS                    |  | FBC               |  | NO.               |  |
| LFS                    |  | FBC               |  | DATE              |  |
| LFS                    |  | FBC               |  | NO.               |  |
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| LFS                    |  | FBC               |  | NO.               |  |
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| LFS                    |  | FBC               |  | DATE              |  |
| LFS                    |  | FBC               |  | NO.               |  |
| LFS                    |  | FBC               |  | DATE              |  |
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| LFS                    |  | FBC               |  | DATE              |  |
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| LFS                    |  | FBC               |  | NO.               |  |
| LFS                    |  | FBC               |  | DATE              |  |
| LFS                    |  | FBC               |  | NO.               |  |
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| LFS                    |  | FBC               |  | DATE              |  |
| LFS                    |  | FBC               |  | NO.               |  |
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| LFS                    |  | FBC               |  | DATE              |  |
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| LFS                    |  | FBC               |  | DATE              |  |
| LFS                    |  | FBC               |  | NO.               |  |
| LFS                    |  | FBC               |  | DATE              |  |
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| LFS                    |  | FBC               |  | DATE              |  |
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| LFS                    |  | FBC               |  | DATE              |  |

| BILL OF MATERIALS |                                                                                                |          |
|-------------------|------------------------------------------------------------------------------------------------|----------|
| ITEM #            | DESCRIPTION                                                                                    | MATERIAL |
| A                 | 1X BUCK SG >= 0.42                                                                             | WOOD     |
| B                 | 2X BUCK SG >= 0.42                                                                             | WOOD     |
| C                 | 1/4" MAX. SHIM SPACE                                                                           | -        |
| D                 | 1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL    |
| E                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE |
| F                 | #10 X 3" PPH WOOD SCREW (1-3/8" MIN. EMBEDMENT)                                                | STEEL    |
| G                 | #10 X 1-3/4" PPH WOOD SCREW (1-1/8" MIN. EMBEDMENT)                                            | STEEL    |
| H                 | #10 X 2-1/2" PPH WOOD SCREW (7/8" MIN. EMBEDMENT)                                              | STEEL    |
| J                 | 1/4" X 2-1/4" ITW CONCRETE SCREW                                                               | STEEL    |
| K                 | 1/4" X 3-1/4" ITW CONCRETE SCREW                                                               | STEEL    |
| L                 | 1/4" X 3-3/4" ITW CONCRETE SCREW                                                               | STEEL    |
| 1                 | FRAME*                                                                                         | PVC      |
| 2                 | SLIDER PULL STILE*                                                                             | PVC      |
| 3                 | LOCK STILE*                                                                                    | PVC      |
| 4                 | KEEPER STILE*                                                                                  | PVC      |
| 5                 | GLAZING BEAD*                                                                                  | PVC      |
| 6                 | SLIDER COMMON RAIL*                                                                            | PVC      |
| 7                 | BALL BEARING ROLLER                                                                            | -        |
| 8                 | WEATHERSTRIP (0.230")                                                                          | -        |
| 9                 | WEATHERSTRIP (0.380")                                                                          | -        |
| 11                | SILL TRACK                                                                                     | ALUM     |
| 12                | HEAD TRACK                                                                                     | ALUM     |
| 14                | SLIDE RAIL REINFORCEMENT (6063-T6 ALUM)                                                        | ALUM     |
| 15                | REINFORCEMENT (6005-T5 ALUM)                                                                   | ALUM     |
| 16                | REINFORCEMENT (6005-T5 ALUM)                                                                   | ALUM     |
| 17                | SLIDER SASH RETAINING CLIP                                                                     | ALUM     |
| 18                | #8 X 1" PFH SMS                                                                                | STEEL    |
| 19                | FLANKER STOP                                                                                   | NYLON    |
| 22                | #8 X 5/8" (#6 head) PFH SMS                                                                    | STEEL    |

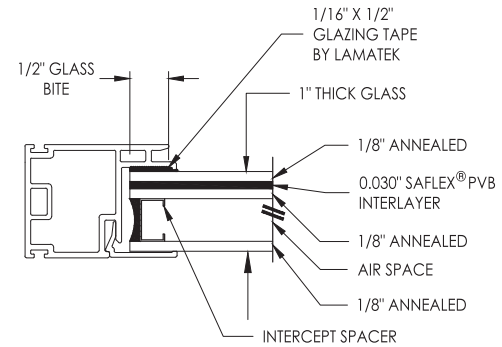
\* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



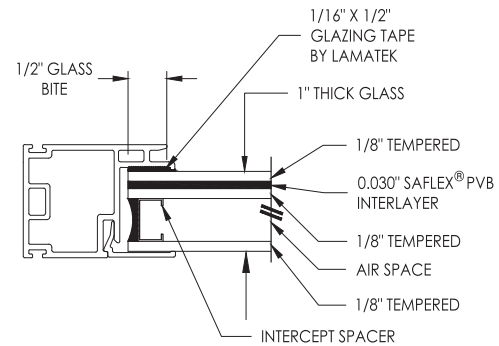
**G1 GLAZING DETAIL**



**G2 GLAZING DETAIL**



**G3 GLAZING DETAIL**



**G4 GLAZING DETAIL**

Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230, Vairco, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

PRODUCT: 8400 SERIES

PART OR ASSEMBLY:  
BILL OF MATERIALS  
& GLAZING DETAILS

| NO.                     | DATE    | REVISIONS                |
|-------------------------|---------|--------------------------|
| 6                       | 7/06/23 | UPDATE TO 8TH ED. (2023) |
| 5                       | 7/06/20 | UPDATE TO 7TH ED. (2020) |
| 4                       | 6/01/17 | UPDATE TO 6TH ED. (2017) |
| 3                       | 1/11/16 | ADD NEW FRAME SIZES      |
| 2                       | 1/28/15 | UPDATE TO 5TH ED. (2014) |
| 1                       | 4/04/13 | UPDATE FRAME SIZE/DP/GLZ |
| DATE: 12/05/12          |         |                          |
| SCALE: N.T.S.           |         |                          |
| DWG. BY: JK             |         |                          |
| CHK. BY: LFS            |         |                          |
| DRAWING NO.: FL-16092.1 |         |                          |
| SHEET 6 OF 6            |         |                          |



**Product Approval**

USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > **Application List**



[DBPR HOME](#) / [ABOUT DBPR](#) / [DBPR DIVISIONS](#) / [CONTACT DBPR](#)

OFFICE OF THE  
SECRETARY

### Search Criteria

|                               |      |                                           |         |
|-------------------------------|------|-------------------------------------------|---------|
| Code Version                  | 2023 | FL #                                      | 15819.8 |
| Application Type              | ALL  | Product Manufacturer                      | ALL     |
| Category                      | ALL  | Subcategory                               | ALL     |
| Application Status            | ALL  | Compliance Method                         | ALL     |
| Quality Assurance Entity      | ALL  | Quality Assurance Entity Contract Expired | ALL     |
| Product Model, Number or Name | ALL  | Product Description                       | ALL     |
| Approved for use in HVHZ      | ALL  | Approved for use outside HVHZ             | ALL     |
| Impact Resistant              | ALL  | Design Pressure                           | ALL     |
| Other                         | ALL  |                                           | ALL     |

[Refine Search](#)

### Search Results - Applications

| FL #                                                   | Type     | Manufacturer                                                                                                                                                                                                                                  | Validated By                            | Status   |
|--------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------|
| <a href="#">FL15819-R12</a><br><a href="#">History</a> | Revision | Wincore Window Company, LLC<br>FL #: FL15819.8<br>Model: h. 7700 / 9000 Series Vinyl Double Hung Window<br>Description: Extruded PVC Double Hung Window with "Non-Impact"<br>Insulated Glass<br>Category: Windows<br>Subcategory: Double Hung | Ryan J. King,<br>P.E.<br>(813) 767-6555 | Approved |

\*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

[Contact Us](#) :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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#### Product Approval Accepts:





250 Staunton Turnpike, Parkersburg, WV 26104

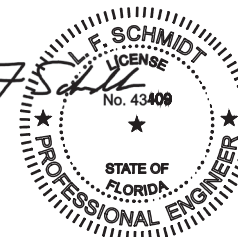
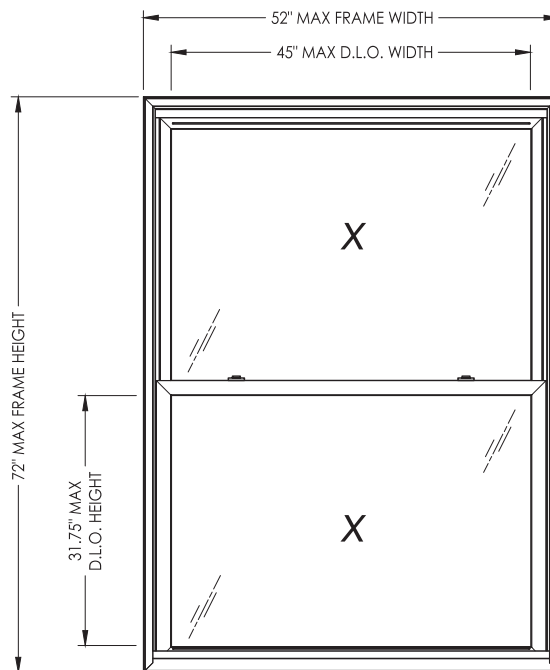
## 7700 / 9900 Series Vinyl Double Hung Window "NON-IMPACT"

### GENERAL NOTES

- This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS

| SHEET# | DESCRIPTION                                            |
|--------|--------------------------------------------------------|
| 1      | Typical elevations, design pressures and general notes |
| 2      | Horizontal cross sections                              |
| 3      | Vertical cross sections                                |
| 4      | Buck and frame anchoring                               |
| 5      | Bill of materials, components & glazing details        |



Digitally signed by Lyndon F Schmidt  
Date: 2023.07.06 10:02:20 -04'00'

This item has been digitally signed and sealed by  
L. F. Schmidt, P.E. on the date adjacent to the seal.  
Printed copies of this document are not  
considered signed and sealed and the signature  
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID  
ONLY FOR THE STATE OF FLORIDA

| MAX.<br>FRAME<br>DIMENSION | MAX.<br>D.L.O.<br>DIMENSION | GLASS<br>TYPE | DESIGN PRESSURE (PSF) |          |
|----------------------------|-----------------------------|---------------|-----------------------|----------|
|                            |                             |               | POSITIVE              | NEGATIVE |
| 32.0" X 58.0"              | 25.0" X 24.75"              | G1, G2        | +55.0                 | -55.0    |
| 52.0" X 40.0"              | 45.0" X 15.75"              | G1, G2        | +45.0                 | -45.0    |
| 48.0" X 42.0"              | 41.0" X 16.75"              | G1, G2        | +45.0                 | -45.0    |
| 44.0" X 46.0"              | 37.0" X 18.75"              | G1, G2        | +45.0                 | -45.0    |
| 40.0" X 52.0"              | 33.0" X 21.75"              | G1, G2        | +45.0                 | -45.0    |
| 36.0" X 56.0"              | 29.0" X 23.75"              | G1, G2        | +45.0                 | -45.0    |
| 32.0" X 64.0"              | 25.0" X 27.75"              | G1, G2        | +45.0                 | -45.0    |
| 52.0" X 44.0"              | 45.0" X 17.75"              | G1, G2        | +40.0                 | -40.0    |
| 48.0" X 48.0"              | 41.0" X 19.75"              | G1, G2        | +40.0                 | -40.0    |
| 44.0" X 52.0"              | 37.0" X 21.75"              | G1, G2        | +40.0                 | -40.0    |
| 40.0" X 58.0"              | 33.0" X 24.75"              | G1, G2        | +40.0                 | -40.0    |

| MAX.<br>FRAME<br>DIMENSION | MAX.<br>D.L.O.<br>DIMENSION | GLASS<br>TYPE | DESIGN PRESSURE (PSF) |          |
|----------------------------|-----------------------------|---------------|-----------------------|----------|
|                            |                             |               | POSITIVE              | NEGATIVE |
| 36.0" X 64.0"              | 29.0" X 27.75"              | G1, G2        | +40.0                 | -40.0    |
| 32.0" X 70.0"              | 25.0" X 30.75"              | G1, G2        | +40.0                 | -40.0    |
| 52.0" X 50.0"              | 45.0" X 20.75"              | G1, G2        | +35.0                 | -35.0    |
| 48.0" X 54.0"              | 41.0" X 22.75"              | G1, G2        | +35.0                 | -35.0    |
| 44.0" X 60.0"              | 37.0" X 25.75"              | G1, G2        | +35.0                 | -35.0    |
| 40.0" X 66.0"              | 33.0" X 28.75"              | G1, G2        | +35.0                 | -35.0    |
| 36.0" X 72.0"              | 29.0" X 31.75"              | G1, G2        | +35.0                 | -35.0    |
| 52.0" X 60.0"              | 45.0" X 25.75"              | G1, G2        | +30.0                 | -30.0    |
| 48.0" X 64.0"              | 41.0" X 27.75"              | G1, G2        | +30.0                 | -30.0    |
| 44.0" X 70.0"              | 37.0" X 30.75"              | G1, G2        | +30.0                 | -30.0    |
| 40.0" X 72.0"              | 33.0" X 31.75"              | G1, G2        | +30.0                 | -30.0    |
| 52.0" X 72.0"              | 45.0" X 31.75"              | G1, G2        | +25.0                 | -25.0    |

Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

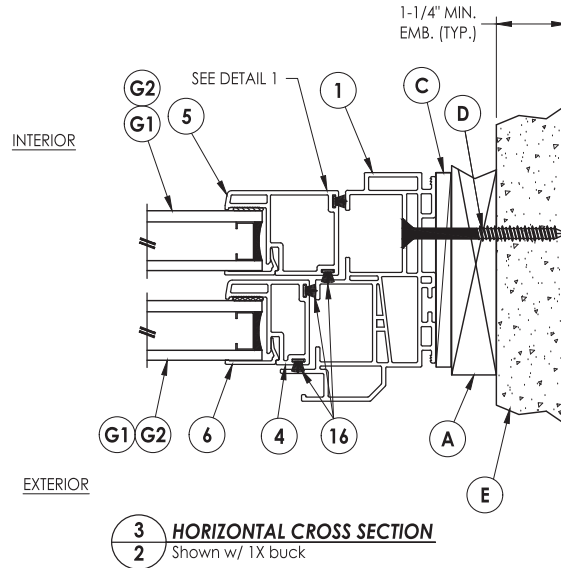
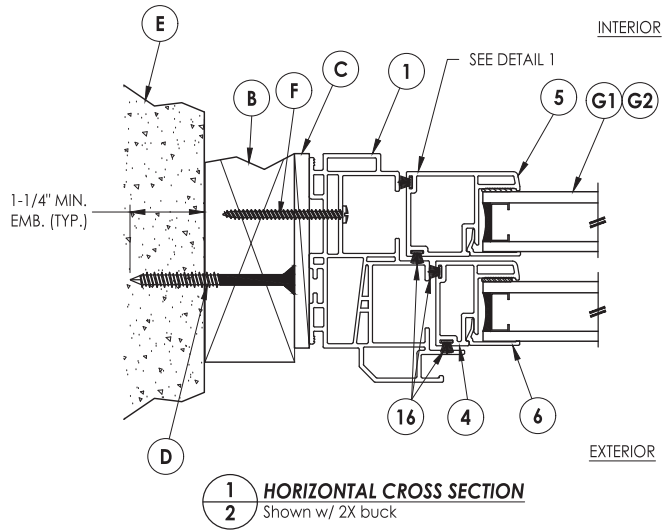
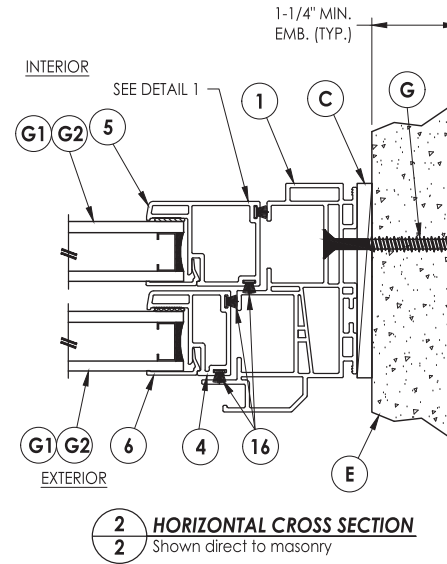
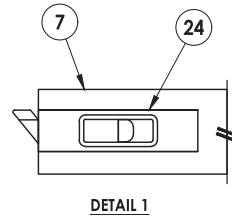
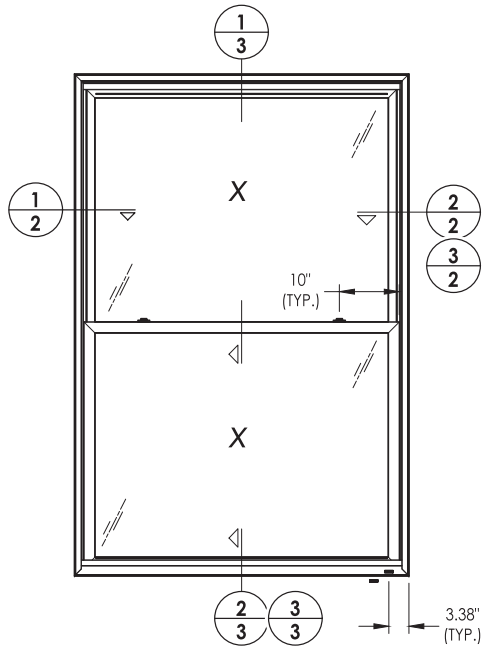
PRODUCT:  
7700 / 9900 SERIES  
Vinyl Double Hung Window

PART OR ASSEMBLY:  
TYPICAL ELEVATION, DESIGN  
PRESSURES & GENERAL NOTES

| 6                       | 7/06/23 | UPDATE TO 8TH ED. (2023)   | FBC | LFS |
|-------------------------|---------|----------------------------|-----|-----|
| 5                       | 7/02/20 | UPDATE TO 7TH ED. (2020)   | FBC | LFS |
| 4                       | 6/01/17 | UPDATE TO 6TH ED. (2017)   | FBC | LFS |
| 3                       | 5/10/16 | REVISE INSTALLATION SCREWS | LFS |     |
| 2                       | 1/27/15 | UPDATE TO 5TH ED. (2014)   | FBC | JK  |
| 1                       | 8/25/14 | REVISE SERIES NO.          |     | BY  |
| NO.                     | DATE    |                            |     |     |
| REVISIONS               |         |                            |     |     |
| DATE: 6/23/14           |         |                            |     |     |
| SCALE: N.T.S.           |         |                            |     |     |
| DWG. BY: JK             |         |                            |     |     |
| CHK. BY: LFS            |         |                            |     |     |
| DRAWING NO.: FL-15819.8 |         |                            |     |     |
| SHEET 1 OF 5            |         |                            |     |     |

RW BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

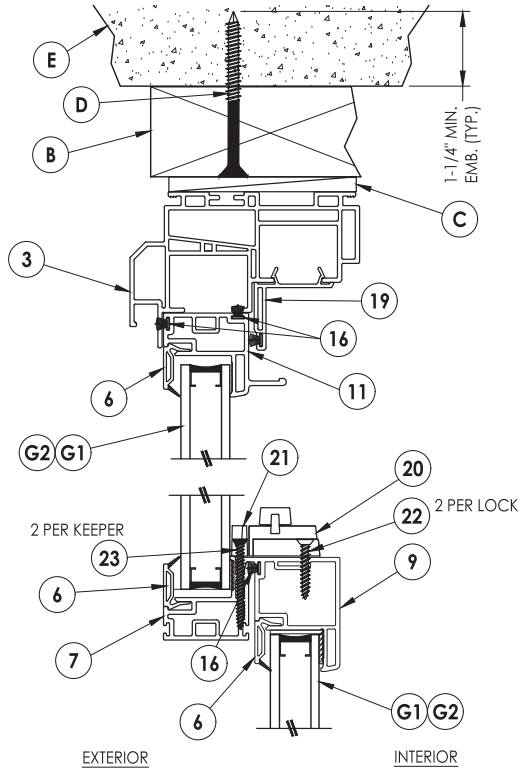
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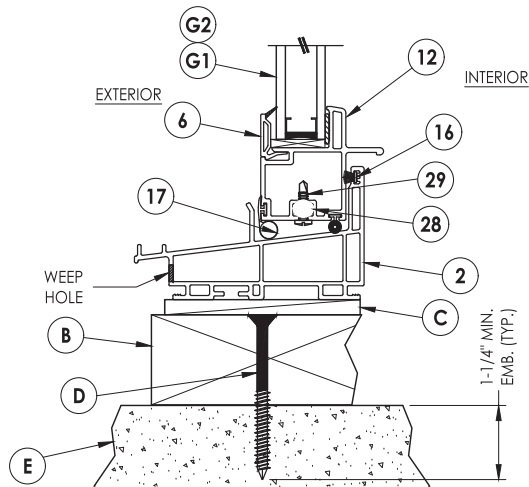
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|---------------------------------------------------------------|---------|----------------------------|-----|-----|--|--|--|--|--|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |         |                            |     |     |  |  |  |  |  |
| PRODUCT:<br>7700 / 9900 SERIES<br>Vinyl Double Hung Window    |         |                            |     |     |  |  |  |  |  |
| PART OR ASSEMBLY:<br>HORIZONTAL<br>CROSS SECTIONS             |         |                            |     |     |  |  |  |  |  |
| 6                                                             | 7/06/23 | UPDATE TO 8TH ED. (2023)   | FBC | LFS |  |  |  |  |  |
| 5                                                             | 7/02/20 | UPDATE TO 7TH ED. (2020)   | FBC | LFS |  |  |  |  |  |
| 4                                                             | 6/01/17 | UPDATE TO 6TH ED. (2017)   | FBC | LFS |  |  |  |  |  |
| 3                                                             | 5/10/16 | REVISE INSTALLATION SCREWS |     | LFS |  |  |  |  |  |
| 2                                                             | 1/27/15 | UPDATE TO 5TH ED. (2014)   | FBC | LFS |  |  |  |  |  |
| 1                                                             | 8/25/14 | REVISE SERIES NO.          |     | JK  |  |  |  |  |  |
| NO. DATE                                                      |         | REVISES                    |     |     |  |  |  |  |  |
| DATE: 6/23/14                                                 |         |                            |     |     |  |  |  |  |  |
| SCALE: N.T.S.                                                 |         |                            |     |     |  |  |  |  |  |
| DWG. BY: JK                                                   |         |                            |     |     |  |  |  |  |  |
| CHK. BY: LFS                                                  |         |                            |     |     |  |  |  |  |  |
| DRAWING NO.:<br>FL-15819.8                                    |         |                            |     |     |  |  |  |  |  |
| SHEET 2 OF 5                                                  |         |                            |     |     |  |  |  |  |  |

RW BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

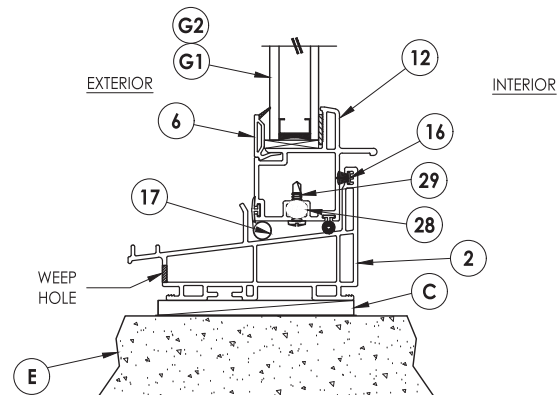
Z:\2023 FBC Drawings\Wincore Window Company\FL-15819 R12\FL-15819.8.dwg



**1 VERTICAL CROSS SECTION**  
Shown w/ 2X buck

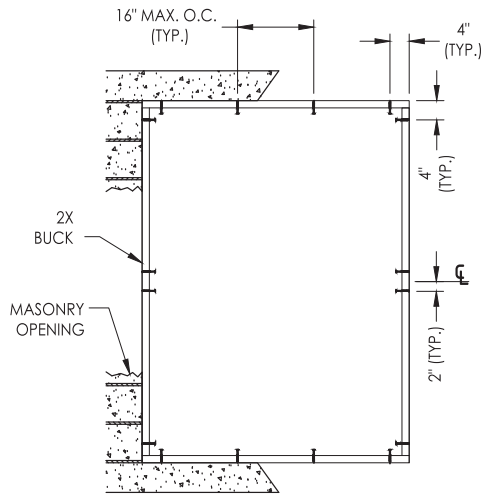


**2 VERTICAL CROSS SECTION**  
Shown w/ 2X buck

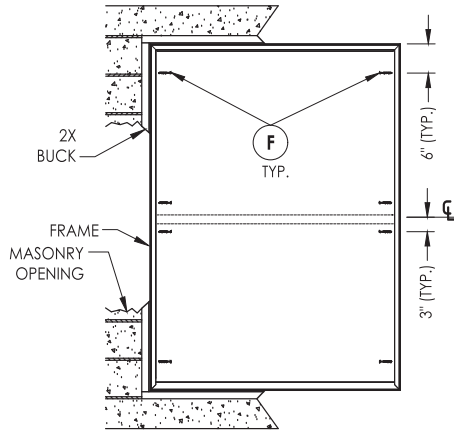


**3 VERTICAL CROSS SECTION**  
Shown direct to masonry

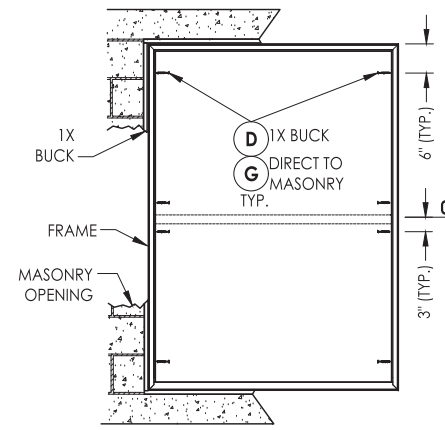
|                                                               |         |                                                            |     |                                                 |        |                                                                                                                         |    |
|---------------------------------------------------------------|---------|------------------------------------------------------------|-----|-------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------|----|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |         | PRODUCT:<br>7700 / 9900 SERIES<br>Vinyl Double Hung Window |     | PART OR ASSEMBLY:<br>VERTICAL<br>CROSS SECTIONS |        | R.W. BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |    |
| 6                                                             | 7/06/23 | UPDATE TO 8TH ED. (2023)                                   | FBC | LFS                                             | DATE   | NO.                                                                                                                     | BY |
| 5                                                             | 7/02/20 | UPDATE TO 7TH ED. (2020)                                   | FBC | LFS                                             | REVISE | 1                                                                                                                       | JK |
| 4                                                             | 6/01/17 | UPDATE TO 6TH ED. (2017)                                   | FBC | LFS                                             | REVISE | 2                                                                                                                       | JK |
| 3                                                             | 5/10/16 | REVISE INSTALLATION SCREWS                                 | FBC | LFS                                             | REVISE | 3                                                                                                                       | JK |
| 2                                                             | 1/27/15 | UPDATE TO 5TH ED. (2014)                                   | FBC | LFS                                             | REVISE | 4                                                                                                                       | JK |
| 1                                                             | 8/25/14 | REVISE SERIES NO.                                          | FBC | LFS                                             | REVISE | 5                                                                                                                       | JK |
| REVISIONS                                                     |         |                                                            |     |                                                 |        |                                                                                                                         |    |
| DATE: 6/23/14                                                 |         |                                                            |     |                                                 |        |                                                                                                                         |    |
| SCALE: N.T.S.                                                 |         |                                                            |     |                                                 |        |                                                                                                                         |    |
| DWG. BY: JK                                                   |         |                                                            |     |                                                 |        |                                                                                                                         |    |
| CHK. BY: LFS                                                  |         |                                                            |     |                                                 |        |                                                                                                                         |    |
| DRAWING NO.: FL-15819.8                                       |         |                                                            |     |                                                 |        |                                                                                                                         |    |
| SHEET 3 OF 5                                                  |         |                                                            |     |                                                 |        |                                                                                                                         |    |



**BUCK ANCHORING**



**FRAME ANCHORING**  
2X Buck



**FRAME ANCHORING**  
1X Buck  
Direct to masonry

**CONCRETE ANCHOR NOTES:**

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimensions are not exceeded.
- Concrete anchor table:

| ANCHOR TYPE      | ANCHOR SIZE | MIN. EMBEDMENT | MIN. CLEARANCE TO MASONRY EDGE | MIN. CLEARANCE TO ADJACENT ANCHOR |
|------------------|-------------|----------------|--------------------------------|-----------------------------------|
| ITW TAPCON®      | 1/4"        | 1-1/4"         | 2"                             | 4"                                |
| DeWALT ULTRACON® | 1/4"        | 1-1/4"         | 1"                             | 4"                                |

**WOOD SCREW INSTALLATION NOTES:**

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

PRODUCT:  
7700 / 9900 SERIES  
Vinyl Double Hung Window

PART OR ASSEMBLY:  
BUCK AND  
FRAME ANCHORING

| NO. | DATE    | REVISIONS                    |
|-----|---------|------------------------------|
| 6   | 7/06/23 | UPDATE TO 8TH ED. (2023) FBC |
| 5   | 7/02/20 | UPDATE TO 7TH ED. (2020) FBC |
| 4   | 6/01/17 | UPDATE TO 6TH ED. (2017) FBC |
| 3   | 5/10/16 | REVISE INSTALLATION SCREWS   |
| 2   | 1/27/15 | UPDATE TO 5TH ED. (2014) FBC |
| 1   | 8/25/14 | REVISE SERIES NO.            |

DATE: 6/23/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

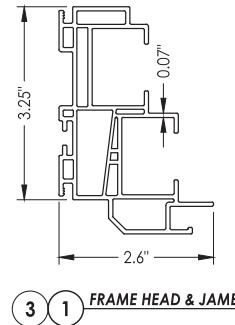
FL-15819.8

SHEET 4 OF 5

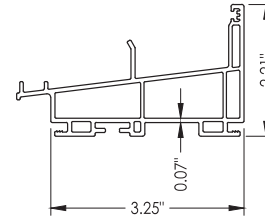
RW BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry No. 9813

| BILL OF MATERIALS |                                                                                                |          |
|-------------------|------------------------------------------------------------------------------------------------|----------|
| ITEM #            | DESCRIPTION                                                                                    | MATERIAL |
| A                 | 1X BUCK SG >= 0.42                                                                             | WOOD     |
| B                 | 2X BUCK SG >= 0.42                                                                             | WOOD     |
| C                 | 1/4" MAX. SHIM SPACE                                                                           | -        |
| D                 | 1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL    |
| E                 | MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE |
| F                 | #8 X 2" PAN HEAD/TRUSS HEAD WOOD SCREW (1-3/8" MIN. EMBEDMENT)                                 | STEEL    |
| G                 | 1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW                                                 | STEEL    |
| 1                 | FRAME JAMB* (DH 7701)                                                                          | PVC      |
| 2                 | SILL* (DH 7703)                                                                                | PVC      |
| 3                 | FRAME HEAD* (DH 7701)                                                                          | PVC      |
| 4                 | UPPER SASH STILE* (SE 3035)                                                                    | PVC      |
| 5                 | LOWER SASH STILE* (SE 3045)                                                                    | PVC      |
| 6                 | GLAZING BEAD*                                                                                  | PVC      |
| 7                 | KEEPER RAIL UPPER SASH* (SE 3034)                                                              | PVC      |
| 9                 | LOCK RAIL LOWER SASH* (SE 3046)                                                                | PVC      |
| 11                | TOP RAIL UPPER SASH* (SE 3037)                                                                 | PVC      |
| 12                | BOTTOM RAIL LOWER SASH* (SE 3047)                                                              | PVC      |
| 16                | WEATHERSTRIP ULTRA FAB .270 PILE - 270 -1875B                                                  | -        |
| 17                | WEATHERSTRIP SILLBULB (AMESBURY 32690)                                                         | -        |
| 19                | HEAD ADAPTER* (DH 3005)                                                                        | PVC      |
| 20                | LOCK 8513 / 8845 LAWRENCE                                                                      | PVC      |
| 21                | KEEPER 2700 - 214 LAWRENCE                                                                     | PVC      |
| 22                | #8 X 1" PFH (VINYL LOCK SCREWS)                                                                | STEEL    |
| 23                | #6 X 1-1/2" PFH (VINYL LOCK SCREWS)                                                            | STEEL    |
| 24                | TOP SASH TILT LATCH - ASHLAND                                                                  | PVC      |
| 28                | PIVOT BAR - CALDWELL                                                                           | -        |
| 29                | #8 X 1/2" SELF TAPPING PPH SMS                                                                 | STEEL    |

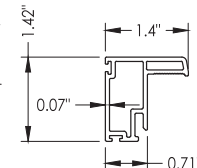
\* THE APPROVED WHITE RIGID PVC EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



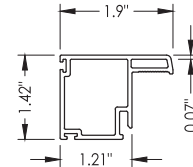
③ 1 FRAME HEAD & JAMB



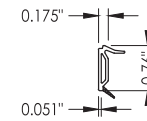
② SILL



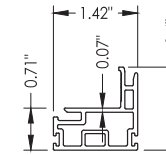
④ SASH STILE  
Top



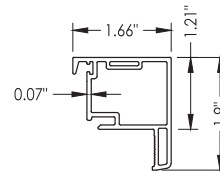
⑤ SASH STILE  
Bottom



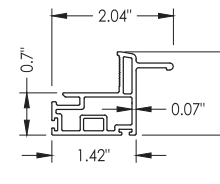
⑥ GLAZING BEAD



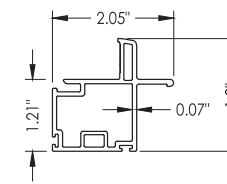
⑦ KEEPER RAIL  
Upper Sash



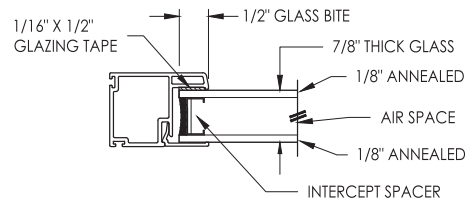
⑨ LOCK RAIL  
Lower Sash



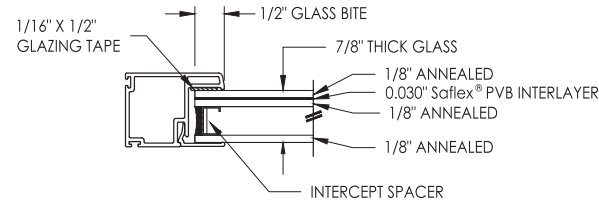
⑪ TOP RAIL  
Upper Sash



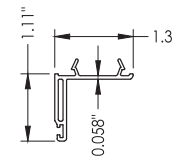
⑫ BOTTOM RAIL  
Lower Sash



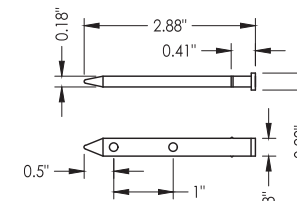
① GLAZING DETAIL  
(See General Note 3, Sheet 1)



② GLAZING DETAIL  
(See General Note 3, Sheet 1)



⑪ HEAD ADAPTER



⑫ PIVOT BAR

|                                                               |         |                                                                                                                    |     |
|---------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------|-----|
| Documents Prepared By:<br>Lyndon F. Schmidt<br>P.E. No. 43409 |         | BUILDING CONSULTANTS, INC.<br>P.O. Box 230, Valrico, FL 33595<br>Phone No.: 813.659.9197<br>FBPE Registry No. 9813 |     |
| PRODUCT:<br>7700 / 9900 SERIES<br>Vinyl Double Hung Window    |         | PART OR ASSEMBLY:<br>BILL OF MATERIALS<br>COMPONENTS & GLAZING DETAIL                                              |     |
| 6                                                             | 7/06/23 | UPDATE TO 8TH ED. (2023)                                                                                           | FBC |
| 5                                                             | 7/02/20 | UPDATE TO 7TH ED. (2020)                                                                                           | FBC |
| 4                                                             | 6/01/17 | UPDATE TO 6TH ED. (2017)                                                                                           | FBC |
| 3                                                             | 5/10/16 | REVISE INSTALLATION SCREWS                                                                                         | LFS |
| 2                                                             | 1/27/15 | UPDATE TO 5TH ED. (2014)                                                                                           | FBC |
| 1                                                             | 8/25/14 | REVISE SERIES NO.                                                                                                  | JK  |
| NO. DATE                                                      |         | REVISIONS                                                                                                          |     |
| DATE: 6/23/14                                                 |         |                                                                                                                    |     |
| SCALE: N.T.S.                                                 |         |                                                                                                                    |     |
| DWG. BY: JK                                                   |         |                                                                                                                    |     |
| CHK. BY: LFS                                                  |         |                                                                                                                    |     |
| DRAWING NO.:<br>FL-15819.8                                    |         |                                                                                                                    |     |
| SHEET 5 OF 5                                                  |         |                                                                                                                    |     |