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USER: Public User[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**OFFICE OF THE
SECRETARY

FL #	FL12463-R19	
Application Type	Editorial Change	
Code Version	2023	
Application Status	Approved	
	*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.	
Comments		
Archived	☐	
Product Manufacturer	ProVia LLC. (Doors and Windows) --- Formerly Provia LLC.	
Address/Phone/Email	2150 State Route 39 Sugarcreek, OH 44681 (330) 852-1774 dean.martin@provia.com	
Authorized Signature	Cory Mast Cory.Mast@provia.com	
Technical Representative	Cory Mast	
Address/Phone/Email	2150 State Route 39 Sugarcreek, OH 44681 (330) 852-1653 cory.mast@provia.com	
Quality Assurance Representative		
Address/Phone/Email		
Category	Exterior Doors	
Subcategory	Swinging Exterior Door Assemblies	
Compliance Method	Certification Mark or Listing	
Certification Agency	National Accreditation & Management Institute	
Validated By	National Accreditation & Management Institute	
Referenced Standard and Year (of Standard)	<u>Standard</u> ASTM E330	<u>Year</u> 2014
Equivalence of Product Standards Certified By	Florida Licensed Professional Engineer or Architect FL12463_R19_Equiv_FL12463 ASTM EQ.pdf	

Product Approval Method

Method 1 Option A

Date Submitted

12/12/2024

Date Validated

12/12/2024

Date Pending FBC Approval

Date Approved

12/14/2024

Summary of Products

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FL #	Model, Number or Name	Description
12463.1	STEEL/FIBERGLASS INSWING GLAZED DOOR - SINGLE & DOUBLE NI	STEEL/FIBERGLASS INSWING GLAZED DOOR - SINGLE & DOUBLE NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: REFER TO INSTALLATION INSTRUCTIONS FOR DESIGN PRESSURE RATINGS.		Certification Agency Certificate FL12463_R19_C_CAC_NI010431.03-R7.pdf FL12463_R19_C_CAC_NI011565.12-R10.pdf Quality Assurance Contract Expiration Date 09/30/2027 Installation Instructions FL12463_R19_II_08-02066K.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512780K.pdf Created by Independent Third Party: Yes
12463.2	STEEL/FIBERGLASS INSWING GLAZED DOUBLE DOOR W/ SIDELITES & TRANSOM NI	STEEL/FIBERGLASS INSWING GLAZED DOUBLE DOOR W/ SIDELITES & TRANSOM NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: REFER TO INSTALLATION INSTRUCTIONS FOR DESIGN PRESSURE RATINGS.		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.28-R9.pdf FL12463_R19_C_CAC_NI011595.22-R7.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02072K.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512786K.pdf Created by Independent Third Party: Yes
12463.3	STEEL/FIBERGLASS INSWING GLAZED DOUBLE DOOR W/ SIDELITES NI	STEEL/FIBERGLASS INSWING GLAZED DOUBLE DOOR W/ SIDELITES NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: REFER TO INSTALLATION INSTRUCTIONS FOR DESIGN PRESSURE RATINGS.		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.24-R9.pdf FL12463_R19_C_CAC_NI011595.18-R6.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02070K.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512784K.pdf Created by Independent Third Party: Yes
12463.4	STEEL/FIBERGLASS INSWING GLAZED DOUBLE DOOR W/ TRANSOM NI	STEEL/FIBERGLASS INSWING GLAZED DOUBLE DOOR W/ TRANSOM NI

Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: REFER TO INSTALLATION INSTRUCTIONS FOR DESIGN PRESSURE RATINGS.		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.26-R9.pdf FL12463_R19_C_CAC_NI011595.20-R7.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02071K.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512785K.pdf Created by Independent Third Party: Yes
12463.5	STEEL/FIBERGLASS INSWING GLAZED SINGLE DOOR W/ SIDELITES & TRANSOM NI	STEEL/FIBERGLASS INSWING GLAZED SINGLE DOOR W/ SIDELITES & TRANSOM NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: REFER TO INSTALLATION INSTRUCTIONS FOR DESIGN PRESSURE RATINGS.		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.22-R9.pdf FL12463_R19_C_CAC_NI011595.16-R7.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02069J.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512783K.pdf Created by Independent Third Party: Yes
12463.6	STEEL/FIBERGLASS INSWING GLAZED SINGLE DOOR W/ SIDELITES NI	STEEL/FIBERGLASS INSWING GLAZED SINGLE DOOR W/ SIDELITES NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: REFER TO INSTALLATION INSTRUCTIONS FOR DESIGN PRESSURE RATINGS.		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.18-R9.pdf FL12463_R19_C_CAC_NI011595.12-R7.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02067J.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512781K.pdf Created by Independent Third Party: Yes
12463.7	STEEL/FIBERGLASS INSWING GLAZED SINGLE DOOR W/ TRANSOM NI	STEEL/FIBERGLASS INSWING GLAZED SINGLE DOOR W/ TRANSOM NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: REFER TO INSTALLATION INSTRUCTIONS FOR DESIGN PRESSURE RATINGS.		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.20-R9.pdf FL12463_R19_C_CAC_NI011595.14-R7.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02068J.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512782K.pdf Created by Independent Third Party: Yes
12463.8	STEEL/FIBERGLASS INSWING OPAQUE DOOR - SINGLE & DOUBLE NI	STEEL/FIBERGLASS INSWING OPAQUE DOOR - SINGLE & DOUBLE NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +55/-55 Other:		Certification Agency Certificate FL12463_R19_C_CAC_NI011565.13-R5.pdf FL12463_R19_C_CAC_NI011565.14-R6.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02080H.pdf

		Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512794J.pdf Created by Independent Third Party: Yes
12463.9	STEEL/FIBERGLASS INSWING OPAQUE DOUBLE DOOR W/ SIDELITES & TRANSOM NI	STEEL/FIBERGLASS INSWING OPAQUE DOUBLE DOOR W/ SIDELITES & TRANSOM NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +55/-55 Other:		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.15-R8.pdf FL12463_R19_C_CAC_NI011595.09-R7.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02081J.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512795K.pdf Created by Independent Third Party: Yes
12463.10	STEEL/FIBERGLASS INSWING OPAQUE DOUBLE DOOR W/ SIDELITES NI	STEEL/FIBERGLASS INSWING OPAQUE DOUBLE DOOR W/ SIDELITES NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +55/-55 Other:		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.12-R8.pdf FL12463_R19_C_CAC_NI011595.07-R7.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02085J.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512799K.pdf Created by Independent Third Party: Yes
12463.11	STEEL/FIBERGLASS INSWING OPAQUE DOUBLE DOOR W/ TRANSOM NI	STEEL/FIBERGLASS INSWING OPAQUE DOUBLE DOOR W/ TRANSOM NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +55/-55 Other:		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.16-R6.pdf FL12463_R19_C_CAC_NI011595.11-R5.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02086H.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512800J.pdf Created by Independent Third Party: Yes
12463.12	STEEL/FIBERGLASS INSWING OPAQUE SINGLE DOOR W/ SIDELITES & TRANSOM NI	STEEL/FIBERGLASS INSWING OPAQUE SINGLE DOOR W/ SIDELITES & TRANSOM NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +55/-55 Other:		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.10-R8.pdf FL12463_R19_C_CAC_NI011595.04-R6.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02084J.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512798K.pdf Created by Independent Third Party: Yes

12463.13	STEEL/FIBERGLASS INSWING OPAQUE SINGLE DOOR W/ SIDELITES NI	STEEL/FIBERGLASS INSWING OPAQUE SINGLE DOOR W/ SIDELITES NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +55/-55 Other:		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.07-R8.pdf FL12463_R19_C_CAC_NI011595-R7.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02082J.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512796K.pdf Created by Independent Third Party: Yes
12463.14	STEEL/FIBERGLASS INSWING OPAQUE SINGLE DOOR W/ TRANSOM NI	STEEL/FIBERGLASS INSWING OPAQUE SINGLE DOOR W/ TRANSOM NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +55/-55 Other:		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.08-R6.pdf FL12463_R19_C_CAC_NI011595.02-R5.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02083H.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512797K.pdf Created by Independent Third Party: Yes
12463.15	STEEL/FIBERGLASS OUTSWING GLAZED DOOR - SINGLE & DOUBLE NI	STEEL/FIBERGLASS OUTSWING GLAZED DOOR - SINGLE & DOUBLE NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: REFER TO INSTALLATION INSTRUCTIONS FOR DESIGN PRESSURE RATINGS.		Certification Agency Certificate FL12463_R19_C_CAC_NI010431.03-R7.pdf FL12463_R19_C_CAC_NI011593.04-R9.pdf Quality Assurance Contract Expiration Date 09/30/2027 Installation Instructions FL12463_R19_II_08-02073K.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512787K.pdf Created by Independent Third Party: Yes
12463.16	STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR W/ SIDELITES & TRANSOM NI	STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR W/ SIDELITES & TRANSOM NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: REFER TO INSTALLATION INSTRUCTIONS FOR DESIGN PRESSURE RATINGS.		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.29-R9.pdf FL12463_R19_C_CAC_NI011595.23-R8.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02079K.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512793K.pdf Created by Independent Third Party: Yes
12463.17	STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR W/ SIDELITES NI	STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR W/ SIDELITES NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.25-R10.pdf FL12463_R19_C_CAC_NI011595.19-R8.pdf

Impact Resistant: No Design Pressure: N/A Other: REFER TO INSTALLATION INSTRUCTIONS FOR DESIGN PRESSURE RATINGS.		Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02077K.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512791K.pdf Created by Independent Third Party: Yes
12463.18	STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR W/ TRANSOM NI	STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR W/ TRANSOM NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: REFER TO INSTALLATION INSTRUCTIONS FOR DESIGN PRESSURE RATINGS.		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.27-R9.pdf FL12463_R19_C_CAC_NI011595.21-R8.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02078K.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512792K.pdf Created by Independent Third Party: Yes
12463.19	STEEL/FIBERGLASS OUTSWING GLAZED SINGLE DOOR W/ SIDELITES & TRANSOM NI	STEEL/FIBERGLASS OUTSWING GLAZED SINGLE DOOR W/ SIDELITES & TRANSOM NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: REFER TO INSTALLATION INSTRUCTIONS FOR DESIGN PRESSURE RATINGS.		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.23-R8.pdf FL12463_R19_C_CAC_NI011595.17-R8.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02076K.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512790K.pdf Created by Independent Third Party: Yes
12463.20	STEEL/FIBERGLASS OUTSWING GLAZED SINGLE DOOR W/ SIDELITES NI	STEEL/FIBERGLASS OUTSWING GLAZED SINGLE DOOR W/ SIDELITES NI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: REFER TO INSTALLATION INSTRUCTIONS FOR DESIGN PRESSURE RATINGS.		Certification Agency Certificate FL12463_R19_C_CAC_NI011572.19-R10.pdf FL12463_R19_C_CAC_NI011595.13-R8.pdf Quality Assurance Contract Expiration Date 12/31/2027 Installation Instructions FL12463_R19_II_08-02074K.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL12463_R19_AE_512788K.pdf Created by Independent Third Party: Yes

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NOTICE OF PRODUCT CERTIFICATION



CERTIFICATION NO: NI010431.03-R7
DATE: 06/26/2013
CERTIFICATION PROGRAM: Structural
COMPANY: Provia
CODE: 1212-1
REVISION DATE: 12/03/2024

This certification represents product conformity to the applicable specification and that certification criteria has been satisfied. A NAMI approved certification label must be applied to the product to claim certification status. To affirm the certification status, please visit www.namicertification.com. NAMI is accredited to the ISO/IEC 17065 by the Standards Council of Canada (SCC).

COMPANY NAME AND ADDRESS	PRODUCT DESCRIPTION
ProVia LLC 2150 State Route 39 Sugarcreek, OH 44681	Series "Signet" Embossed In-Swing or Out-Swing Glazed Double Door Configuration: XX Glazing: Insulating Glass (Tempered) Frame: W-1886mm(74.25") H-2477mm(97.5") Panel: W-908mm(35.75") H-2413mm(95")

SPECIFICATION	PRODUCT RATING
ASTM E283-04/E330-02	Design Pressure: +40/-50 psf

Product Tested By: National Certified Testing Laboratories
Report No: NCTL-110-13337-1/W-1479/W-1978/W-2002/W-2103/W-2105
Expiration Date: September 30, 2027

Administrator's Signature: 

NATIONAL ACCREDITATION AND MANAGEMENT INSTITUTE, INC.

4794 George Washington Memorial Highway

Hayes, VA 23072

Tel: (804) 684-5124

Email: nami@namiinc.com

NOPC 03/30/2023

NOTICE OF PRODUCT CERTIFICATION



CERTIFICATION NO: NI011593.04-R9
DATE: 06/25/2013
CERTIFICATION PROGRAM: Structural
COMPANY: ProVia Door
CODE: 1212-1
REVISION DATE: 09/30/2024

This certification represents product conformity to the applicable specification and that certification criteria has been satisfied. A NAMI approved certification label must be applied to the product to claim certification status. To affirm the certification status, please visit www.namicertification.com. NAMI is accredited to the ISO/IEC 17065 by the Standards Council of Canada (SCC).

COMPANY NAME AND ADDRESS	PRODUCT DESCRIPTION
ProVia LLC 2150 State Route 39 Sugarcreek, OH 44681	Steel Double Out-Swing Glazed Side Hinged Door Configuration: XX Glazing: Insulating Glass (Tempered) Frame: W-1880mm(74.03") H-2466mm(97.12") Panel: W-908mm(35.75") H-2411mm(94.93") DLO: W-517mm(20.38") H-1993mm(78.50")

SPECIFICATION	PRODUCT RATING
ASTM E283-04(12)/E330-02(10)	Design Pressure: +45/-50 psf

Product Tested By: National Certified Testing Laboratories
Report No: NCTL-110-15660-1/W-1978/W-2002/W-2024/W-2103W-2104/W-2105
Expiration Date: **December 31, 2027**

Administrator's Signature: _____

**NATIONAL ACCREDITATION &
MANAGEMENT INSTITUTE, INC.**

4794 George Washington Memorial Highway

Hayes, VA 23072

Tel: (804) 684-5124

Email: nami@namiinc.com

NOPC 03/30/2023

L. Roberto Lomas P.E.

208 7th Avenue
Indialantic, FL 32903
434-688-0609
rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 512787K

Manufacturer: Provia, LLC.
2150 State Route 39
Sugar creek, OH 44681

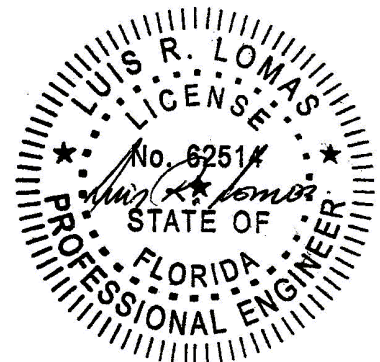
Product Line: Steel/Fiberglass Outswing Glazed Door – Single and Double Non-Impact

Compliance:

The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-02073, Revision K, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report NCTL 110-15660-1, Revision 7, signed and sealed by Robert H Zeiders P.E.
National Certified Testing Laboratories, York, PA
ASTM E330 Design pressure, ± 55.0 psf
3. Test Report NCTL 110-13337-1 signed and sealed by Robert H Zeiders P.E.
National Certified Testing Laboratories, York, PA
ASTM E330 Design pressure, $+48.0/-52.0$ psf
4. Test Report 3172703MID-011, signed by Kent Kelsey
Intertek Testing Services NA Inc., Middleton, WI
NFPA 252 & UL 10C
Steel skin door with polyurethane foam core complies with NFPA 252 and UL 10C Positive Pressure Fire Test of Door Assemblies for a 90 minute rating with hose stream.
5. Test report TEL01680148, TEL01680149 and TEL01680150 signed and sealed by Lyndon F. Schmidt P.E.
Testing Evaluation Laboratories, Inc. Plant City, FL
Fiberglass testing
ASTM D635 Rate of burning classification: CC1
ASTM D1929 Self ignition temperature: 778°F
ASTM D2843 Smoke density rating: 60.4
6. Test Report L0676.01-501-47-R0 signed by Stephen D. Shank.
Intertek, Springdale, PA.
AAMA/WDMA/CSA 101/I.S.2/A440 Design pressure, ± 50.13 psf
Water penetration resistance 2.92psf
7. Test report M4271.01-501-47 signed by Stephen D. Shank
Intertek, Springdale, PA
ASTM E330 Design pressure, $+40.10/-45.11$ psf (Single point lock)
 ± 50.13 psf (Multi-point lock)
8. Test Report TEL 01312263 signed and sealed by William B. Shelton, P.E.
Testing Evaluation Lab.
(For ODL Zeel Clip Assembled Frame)
TAS 202 Design Pressure, ± 60.0 psf
9. Test report N8430.01-501-47 signed by Stephen D. Shank
Intertek, Springdale, PA
(For XLE Trim)
ASTM E330 Design pressure, ± 55.14 psf
10. Test report P3503.02-501-47 signed by Stephen D. Shank
Intertek, Pittsburgh, PA
(For PanoLock Multi Point)
ASTM E330 Design pressure, ± 50.13 psf
11. Test report P3996.01-501-47 signed by Stephen D. Shank
Intertek, Springdale, PA
(For 506 Foam)
ANSI/WMA 100 Deflection measurement: 0.06"
12. Anchor calculations, report number 512787-1B, prepared, signed and sealed by Luis Roberto Lomas P.E.



L. Roberto Lomas P.E.

208 7th Avenue

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 512787K

13. Comparative analysis, report number 511679-2, prepared, signed and sealed by Luis Roberto Lomas P.E.
14. Evaluation and comparative analysis for alternate sills, report numbers 514581A, prepared, signed and sealed by Luis Roberto Lomas P.E.
15. Evaluation and comparative analysis, report number 514394A, prepared, signed and sealed by Luis Roberto Lomas P.E.
16. Evaluation for additional trims, report number 514783, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

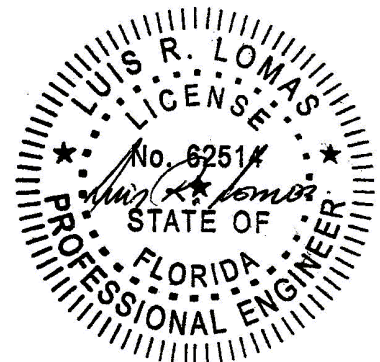
- Design pressure: Refer to installation instructions.
- Maximum unit size: 74 1/32" x 97 19/32" (Double); 37 9/16" x 97 19/32" (Single)
- Units must be glazed per ASTM E1300, with safety glazing.
- This product is not rated to be used in the HVHZ.
- This product is not impact resistant and requires impact protection in wind borne debris regions.
- This system was not tested for water infiltration and must be installed only where water penetration resistance is not required.
- Door frame material: Wood G.46 minimum, or composite, or Framesaver, or Fusion Frame.
- Slab core made of wood with RST-506-SK-PUCORE foam.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-02073, Revision K.

Certification of Independence:

Please note that I do not have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I do not have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).

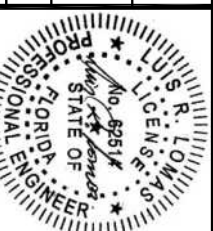


REVISIONS		
REV	DESCRIPTION	DATE
K	REVISE TRIMS AND HARDWARE SCHEDULE	11/07/2023
		R.L.

- NOTES:
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 - WOOD FRAMING, METAL STRUCTURE AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 - WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 - ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR $C_d=1.6$ WAS USED FOR WOOD ANCHOR CALCULATIONS.
 - FRAME MATERIAL: WOOD WITH $G=.46$ MINIMUM SPECIFIC GRAVITY, OR COMPOSITE, OR FRAMESAVER, OR FUSION FRAME.
 - DOOR SKIN MATERIAL: STEEL .033" THICK (MINIMUM), FIBERGLASS .085" THICK (MINIMUM). UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
 - APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
 - SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
 - FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 - FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 - FOR ANCHORING INTO METAL STRUCTURE USE #8 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 - ALL FASTENERS TO BE CORROSION RESISTANT.
 - ALL FASTENERS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - WOOD – MINIMUM SPECIFIC GRAVITY OF $G=0.42$
 - CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - MASONRY – GROUT FILLED STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 .048" THICK MINIMUM

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS & APPROVED CONFIGURATIONS
3 – 6	INSTALLATION DETAILS
7 – 11	COMPONENTS AND DETAILS

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			
STEEL/FIBERGLASS OUTSWING GLAZED DOOR SINGLE & DOUBLE NON-IMPACT NOTES			
DRAWN: N.G.	DWG NO. 08-02073	REV K	
SCALE NTS	DATE 06/19/13	SHEET 1	OF 11
L. ROBERTO LOMAS P.E. 208 7th Ave. INDIALANTIC, FL 33503 434-686-0609 lromas@lromaspe.com			

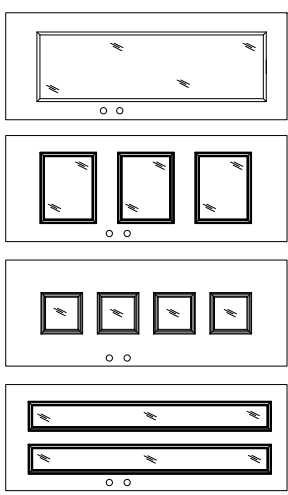


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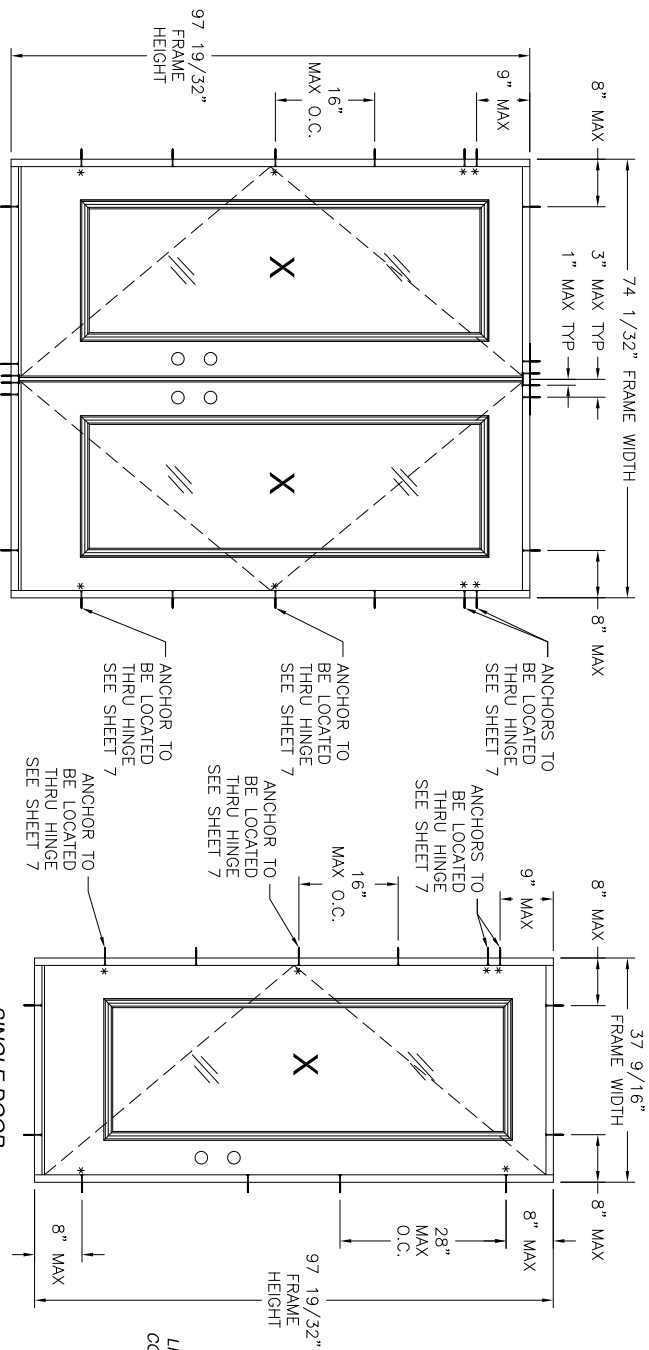
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
K	REVISE TRIMS AND HARDWARE SCHEDULE	11/07/2023	R.L.

APPROVED LITE CONFIGURATIONS



LITE CONFIGURATIONS SHOWN ARE FOR REFERENCE ONLY. MULTIPLE LITE CONFIGURATIONS ARE APPROVED AS LONG AS LITE SIZE DOES NOT EXCEED 11.5 FT²



DESIGN PRESSURE RATING	IMPACT RATING
±55.0PSF	NONE
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED	

WITH STEEL SLAB

DESIGN PRESSURE RATING	IMPACT RATING
+48.0/-52.0	NONE
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED	

WITH FIBERGLASS SLAB

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED	

WITH STEEL SLAB AND PANOLock MULTI-POINT

DESIGN PRESSURE RATING	IMPACT RATING
+48.0/-50.0	NONE
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED	

WITH FIBERGLASS SLAB AND PANOLock MULTI-POINT

HARDWARE SCHEDULE

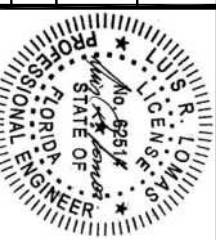
- A. F-SERIES ASSEMBLY DOOR KNOB BY SCHLAGE.
- B. B-SERIES DEADBOLT ASSEMBLY BY SCHLAGE
- C. F-SERIES DEADBOLT ASSEMBLY BY SCHLAGE
- D. EMTEK RESIDENTIAL GRADE DOOR HANDLE ASSEMBLY (ALTERNATE)
- E. TRILLENIUM MULTI-POINT LOOK HANDLE ASSEMBLY (ALTERNATE)
- F. PANOLock MULTI-POINT LOCK HANDLE ASSEMBLY (ALTERNATE)
- G. OUTSWING HURRICANE ASTRAGAL BY ENDURA
- H. (3) 4" X 4" BALL BEARING HINGES BY PENROD
- I. (3) 4" X 4" SPRING BOMMER HINGES BY PENROD (ALTERNATE)

NOTES:

- HINGES ARE LOCATED AT 10", 50" AND 89"
- FROM TOP CORNER.
- APPROVED CONFIGURATIONS MAY BE RIGHT OR LEFT HAND.
- PANEL SIZE 35 3/4" X 94 15/16".
- D.L.O. 20 3/8" X 78 1/2"
- JAMBS ARE ASSEMBLED TO HEAD FRAME WITH (3) #8X3" WOOD SCREWS AT EACH JAMB.
- JAMBS ARE ASSEMBLED TO THRESHOLD WITH (3) #6X1-1/2" WOOD SCREWS AT EACH JAMB.

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STEEL/FIBERGLASS OUTSWING GLAZED DOOR SINGLE & DOUBLE NON-IMPACT ELEVATIONS & APPROVED CONFIGURATIONS			
DRAWN: N.G.	DWG NO. 08-02073	REV K	
SCALE NTS	DATE 06/19/13	SHEET 2	OF 11

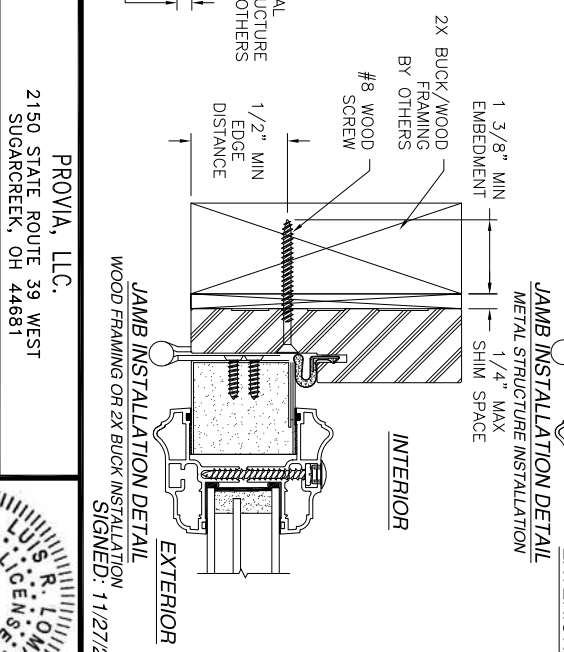
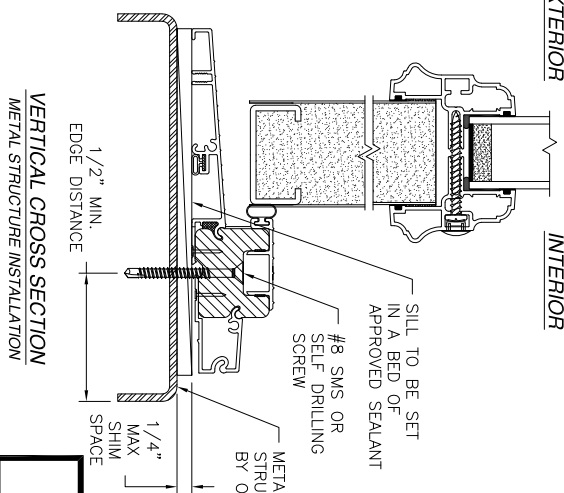
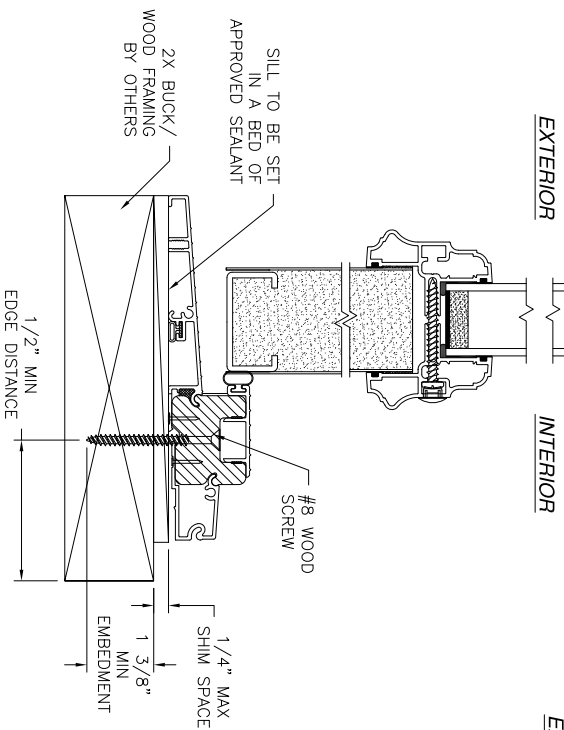
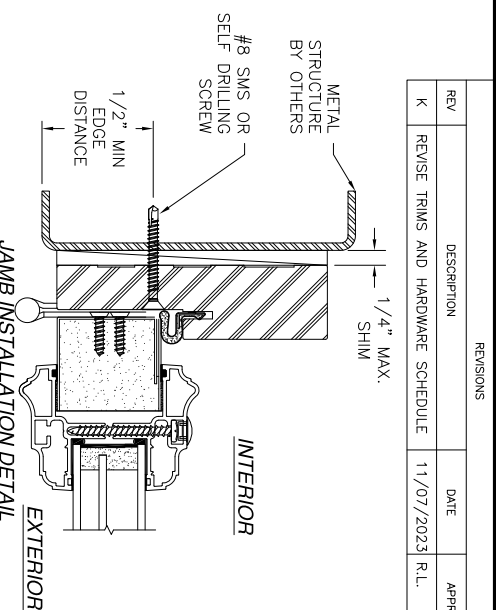
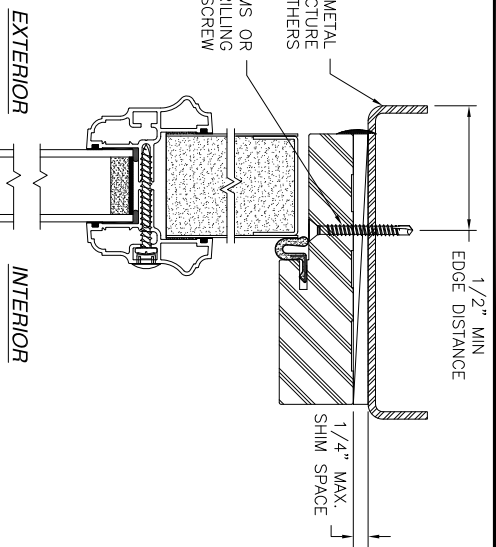
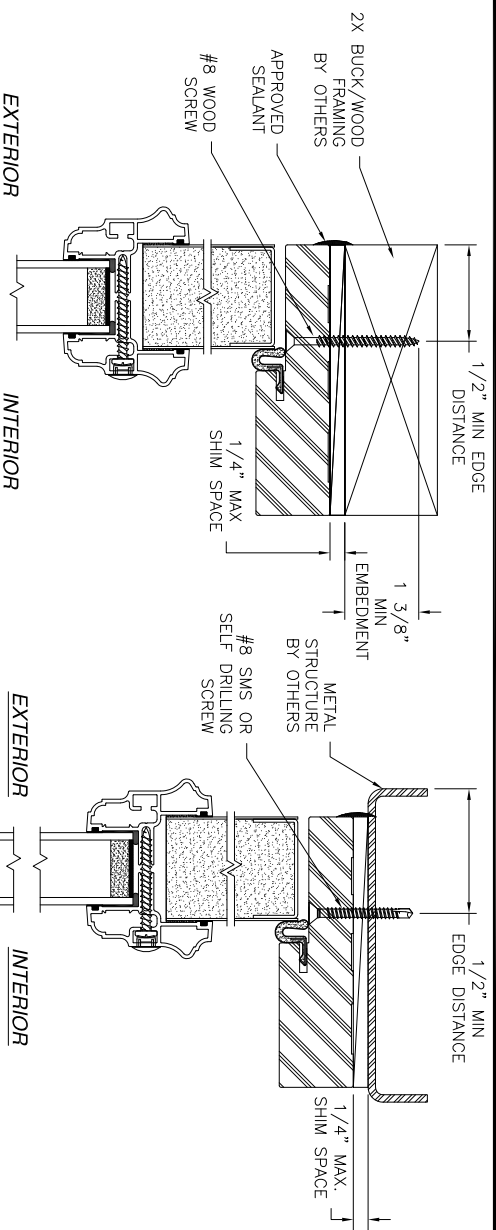
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K	REVISE TRIMS AND HARDWARE SCHEDULE	11/07/2023	R.L.



VERTICAL CROSS SECTION WOOD FRAMING OR 2X BUCK INSTALLATION

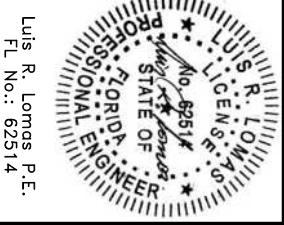
VERTICAL CROSS SECTION METAL STRUCTURE INSTALLATION

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- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			
STEEL/FIBERGLASS OUTSWING GLAZED DOOR SINGLE & DOUBLE NON-IMPACT INSTALLATION DETAILS			
DRAWN: N.G.	DWG NO. 08-02073	REV	
SCALE NTS	DATE 06/19/13	SHEET 3	OF 11

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2" MIN
EDGE DISTANCE

1 3/4" MIN
EMBEDMENT

MASONRY/
CONCRETE
BY OTHERS

1 X 4 BUCK

SEE NOTE 4
SHEET 1

APPROVED SEALANT

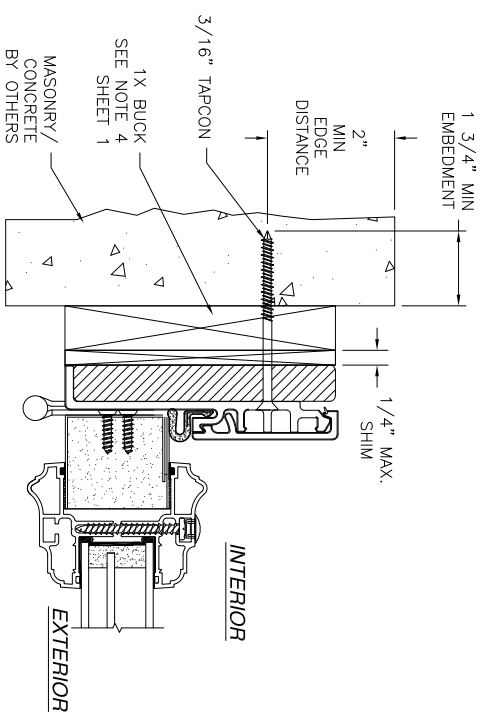
3/16" TAPCON

1/4" MAX
SHIM

3/16" SPACE

EXTERIOR

INTERIOR



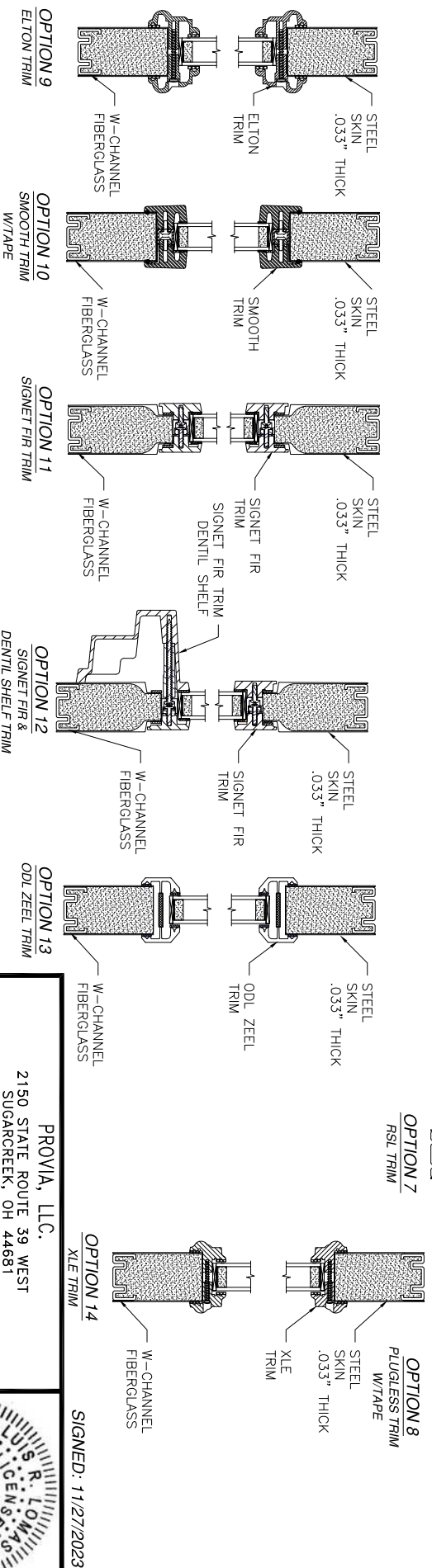
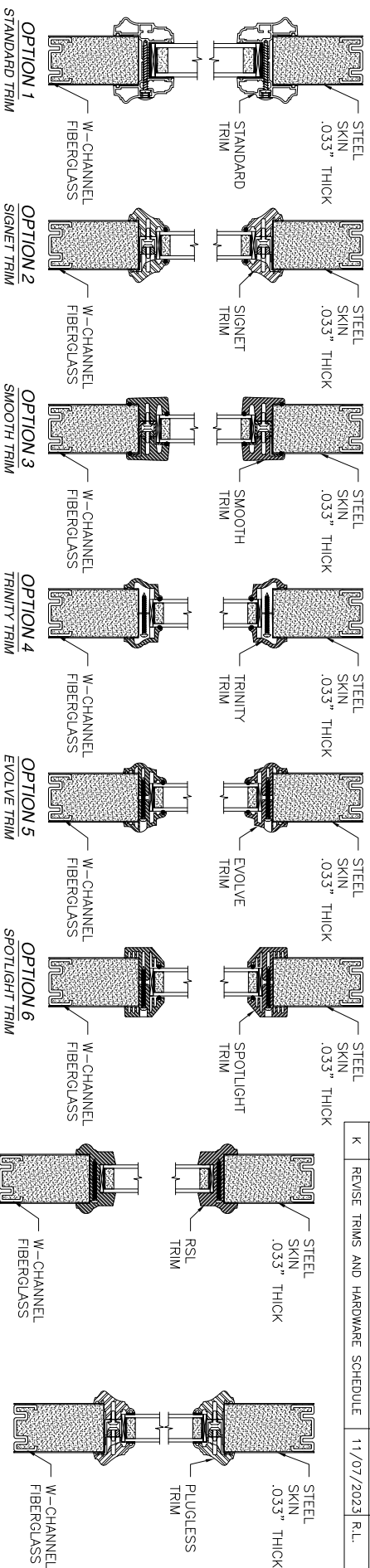
JAMB INSTALLATION DETAIL

- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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STEEL/FIBERGLASS OUTSWING GLAZED DOOR SINGLE & DOUBLE NON-IMPACT INSTALLATION DETAILS W/ FUSION FRAME			
DRAWN:	DMG NO.	REV	
N.G.	08-02073	K	
SCALE	DATE	SHEET	OF
NTS	06/19/13	6	11
L. ROBERTO LOMAS P.E. 208 7TH AVE, INDIANLANTIC, FL 32903 434-688-0609 mlomas@lrlomaspe.com			

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REV	DESCRIPTION	DATE	
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APPROVED SLABS AND TRIMS

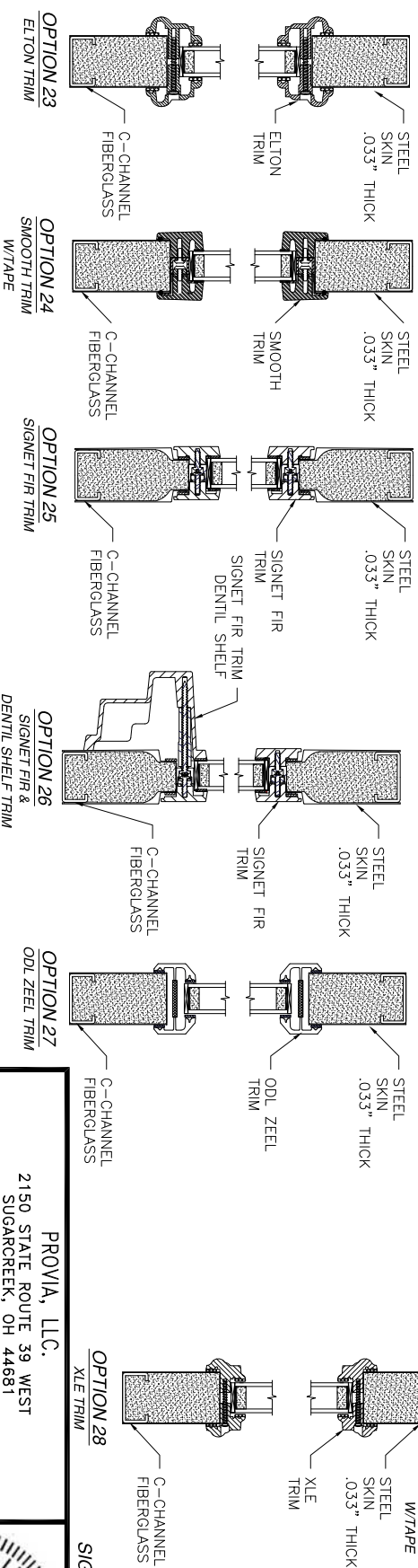
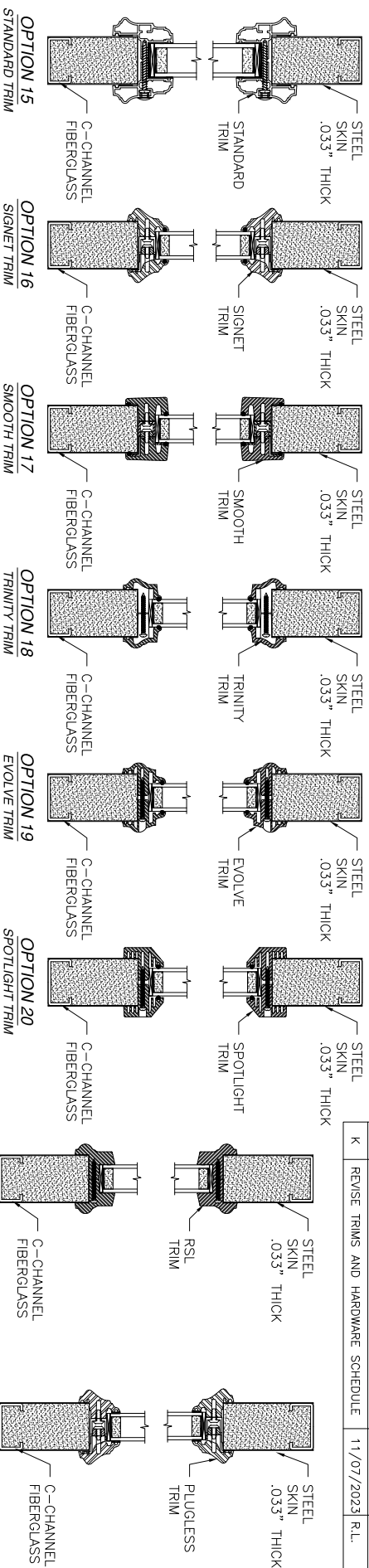
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			
STEEL/FIBERGLASS OUTSWING GLAZED DOOR SINGLE & DOUBLE NON-IMPACT APPROVED SLABS AND TRIMS			
DRAWN: N.G.	DWG NO. 08-02073	REV	
SCALE NTS	DATE 06/19/13	SHEET 8	OF 11

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Luis R. Lomas P.E.
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APPROVED SLABS AND TRIMS

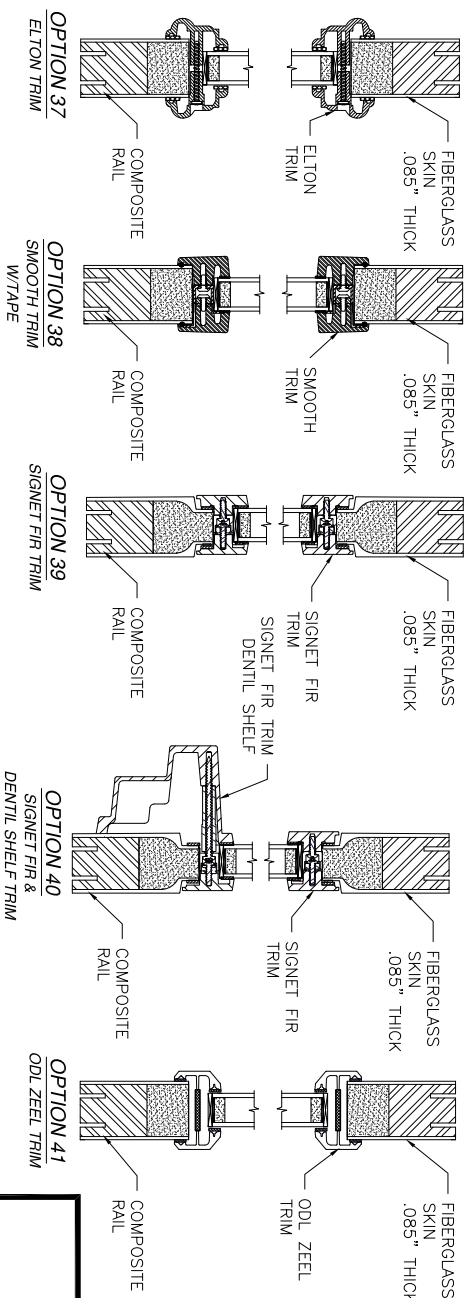
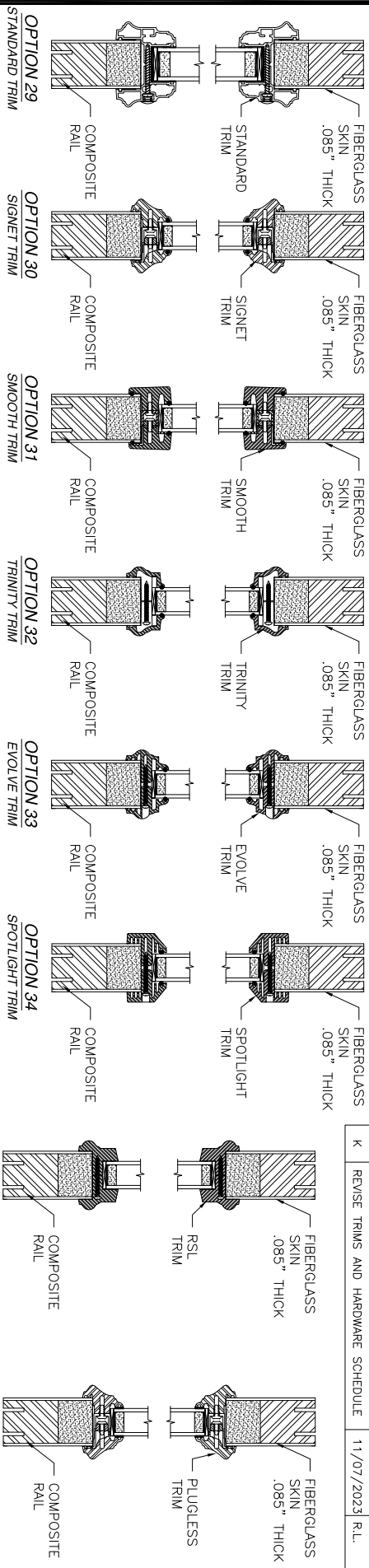
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STEEL/FIBERGLASS OUTSWING GLAZED DOOR SINGLE & DOUBLE NON-IMPACT APPROVED SLABS AND TRIMS			
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APPROVED SLABS AND TRIMS

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STEEL/FIBERGLASS OUTSWING GLAZED DOOR SINGLE & DOUBLE NON-IMPACT APPROVED SLABS AND TRIMS				L. ROBERTO LOMAS P.E. 208 7th Ave. INDIALANTIC, FL 32903 434-688-0609 lromas@lomaspec.com	
DRAWN: N.G.	DWG NO. 08-02073	DATE 06/19/13	SHEET 10 OF 11	REV K	FL No.: 62514

