

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	Provia	Heritage Entry Door	FL11244.1
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER	Provia	Heritage Smooth Fiberglass Entry Door	FL11244.2
2. WINDOWS			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCTURAL METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			

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.

Contractor OR Agent Signature

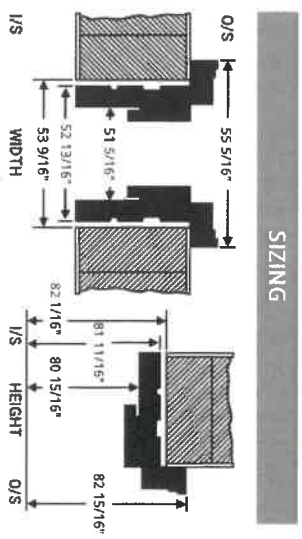
8/12/2024

Date

NOTES: _____

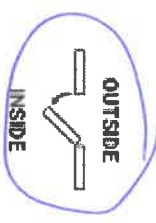
YOUR PROFESSIONAL-CLASS PRODUCT

Heritage Woodgrain Textured Fiberglass Entry Door with Clear Glass



SIZING

HANDING



Installation Instructions



ENERGY

ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./h·ft²)	Solar Heat Gain Coefficient
0.18	0.06

ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	
0.06	-

Air Infiltration (cm/ft²)
≤ 0.03

DP+/-: 52A-52; NAM: N01 0709.03

QUOTE INFORMATION

Job: Alden
Tag: Storm Door
Order #11853749-1
Qty: 1

877.389.0835
2150 State Route 39
Sugar Creek, OH 44681

DETAILS

- Heritage Single Entry Door in Framesaver Frame
- Wind Load Rated (FL#1124.1)
- 36" x 80" Nominal Size
- 14" Sidelite Width
- Unit Size: 52 13/16" x 81 11/16"
- Sizing to be Verified by Remeasure Tech ***
- Frame Depth: 4 9/16"
- 2" Flat Brickmold - Shipped Unattached
- With Storm Door - Sized to Fit Between on the Brickmold and Mull
- 7/16" Build Out for Storm Door
- Left Hand Inswing - Inside Looking Out
- Entry Door
- 4 Panel 206 Style Heritage Woodgrain Textured Fiberglass Door
- Comfortech DLA
- Light Oak Inside and Outside
- Knob Side Sidelite
- 160 Style Heritage Woodgrain Textured Fiberglass Sidelite
- Comfortech DLA
- Glass Size: 8" x 64"
- Textured Plugless Trim
- Light Oak Inside and Outside
- Hardware
- All Hardware in Satin Nickel Finish
- Accent Lockset
- Thumbturn Deadbolt
- Frame
- Light Oak Inside Frame (Painted)
- Framesaver Inside Mull Cover - Light Oak (Painted)
- Mill Finish ZAC Auto-Adjusting Threshold (6 3/8" Depth)
- Satin Nickel Ball Bearing Hinges
- 4 Hinges
- Security Plate
- Lisat Oak or clear caulk
- Sell Price: \$16,261.77

YOUR PROFESSIONAL-CLASS PRODUCT

Spectrum Series Storm Door - Single Hung Model 291 Full View

877.389.0835
2150 State Route 39
Sugarcreek, OH 44681

QUOTE INFORMATION

Job: Alden
Order #11853749-4
Qty: 1

DETAILS

- Spectrum 291SH Full View
- Single Hung
- Top Operable Sash
- 36" x 80" Standard Size
- Sizing to be Verified by Remeasure Tech ***
- Snow Mist White
- Standard Z-Bar
- Pre-Hung
- Color Matched Piano Hinge
- Hinge on Left (Viewed from Outside)
- 1-1/2" Color Matched Bottom Expander
- Satin Nickel Contemporary Curve Handleset (DH237)
- Assign a Random Key Number
- Handleset Prep at Standard Location (39") on Right (Viewed from Outside)
- Color Matched Dual Closers (1) Easy-Set (1) Regular (DH307-01)
- Clear Glass
- Top Screen with Fiberglass Screen Mesh



SIZING

Custom Opening Size: 36" x 80"
Minimum Opening Size: 35 3/4" x 79 13/16"
Maximum Opening Size: 36 1/8" x 80 11/16"
Unit Size (Inside Z-Bar): 35 5/8" x 79 3/4"
Tip-to-Tip (Outside Z-Bar): 38" x 80 7/8"
Slab Size: 35 1/8" x 79 1/8"

HANDING

Hinge on the Left
Outside Looking In

Installation Instructions

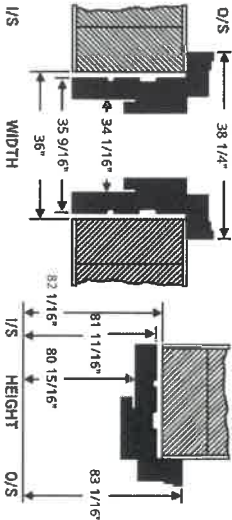


ENERGY

ENERGY PERFORMANCE RATINGS	
U-Factor (U50-F-P)	Solar Heat Gain Coefficient
1.04	0.86
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Total UV
0.90	0.73

YOUR PROFESSIONAL-CLASS PRODUCT

Heritage Smooth Fiberglass Entry Door



SIZING

HANDING

ENERGY

ENERGY PERFORMANCE RATINGS
U-Factor (U_{SI-H}) Solar Heat Gain Coefficient

0.13 0.00

ADDITIONAL PERFORMANCE RATINGS
Visible Transmittance

0.00

Air Infiltration (cfm/ft²)

<= 0.03



Installation Instructions

STC-21; OTC-22; Acoustic Test Report: 88191.0TB-113-11

DP-4; 64.2/64.2; NAMI: NI010709.16

QUOTE INFORMATION

Job: Alden
Tag: Back Door Storm Door
Order #11853749-5
Qty: 1

DETAILS

Heritage Single Entry Door in FrameSaver Frame
Wind Load Rated (FL#12A4.2)

34" x 80" Nominal Size 36 x 80

Unit Size: 35 9/16" x 81 1/16" 37 9/16" x 81 1/16"

Sizing to be Verified by Remeasure Tech ***

Frame Depth: 4 9/16"

2" Flat Brickmold - Shipped Unattached

With Storm Door - Sized to Fit on Brickmold

7/16" Build Out for Storm Door

Left Hand Inswing - Inside Looking Out

Entry Door

006 Style Heritage Smooth Fiberglass Door

Snow Mist White Inside and Outside

Hardware

All Hardware in Satin Nickel Finish

Accent Lockset

Thumbturn Deadbolt

Frame

Textured Snow Mist White Aluminum Frame Cladding - In Separate Box

Snow Mist White Inside Frame

1 Tube of Clear Caulk

Mill Finish ZAC Auto-Adjusting Threshold (6 7/8" Depth)

Satin Nickel Ball Bearing Hinges

4 Hinges

Security Plate

Sell Price: \$8,564.70

INFORMATION AND WARNINGS

For this product configuration, the cladding cannot be shipped attached. On inswing doors with brickmold cladding and brickmold that is shipped loose, ProVia recommends that caulking be applied where the brickmold meets the frame. For your convenience, a tube of color matched caulking has been selected automatically.

YOUR PROFESSIONAL-CLASS PRODUCT

877.389.0835
2150 State Route 39
Sugarcreek, OH 44681

Spectrum Series Storm Door - Model 291 Full View

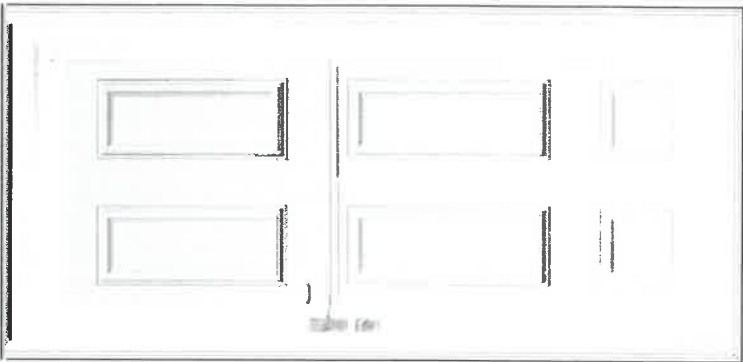
QUOTE INFORMATION

Job: Alden
Order #11853749-6
Qty: 1

DETAILS

- Spectrum 291 Full View
- Custom Opening Size: 34" x 80"
- Sizing to be Verified by Remeasure Tech ***
- Snow Mist White
- Standard Z-Bar
- Pre-Hung
- Color Matched Leaf Hinge
- Hinge on Left (Viewed from Outside)
- 1-1/2" Color Matched Bottom Expander
- Satin Nickel Contemporary Curve Handleset (DH237)
- Assign a Random Key Number
- Handleset Prep at Standard Location (39") on Right (Viewed from Outside)
- No Deadbolt Prep
- Color Matched Heavy Duty Closer (DH219-01)
- Clear Glass
- Two Screens with Fiberglass Screen Mesh

Total: \$24,826.46



OUTSIDE VIEW



INSIDE VIEW

SIZING

- Custom Opening Size: 34" x 80"
- Minimum Opening Size: 33 3/4" x 79 13/16"
- Maximum Opening Size: 34 1/8" x 80 11/16"
- Unit Size (Inside Z-Bar): 33 19/32" x 79 3/4"
- Tip-to-Tip (Outside Z-Bar): 35 3/4" x 80 7/8"
- Leaf Hinge Locations: 7 1/4", 28 3/8", 49 9/16", 70 3/4"
- Slab Size: 33 1/8" x 79 1/8"

HANDING

Hinge on the Left
Outside Looking In

Installation Instructions



ENERGY

ENERGY PERFORMANCE RATINGS	
U-Factor (U50-F-P)	Solar Heat Gain Coefficient
1.04	0.86
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Total UV
0.90	0.73



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Product Approval
USER: Public User

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SECRETARY

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

FL #	FL27970-R4										
Application Type	Affirmation										
Code Version	2023										
Application Status	Approved										
Comments											
Archived											
Product Manufacturer	Andersen Corporation										
Address/Phone/Email	100 Fourth Avenue North Bayport, MN 55003 (651) 264-5308 alan.barstad@AndersenCorp.com										
Authorized Signature	Alan Barstad alan.barstad@AndersenCorp.com										
Technical Representative											
Address/Phone/Email											
Quality Assurance Representative	Alan Barstad										
Address/Phone/Email	100 Fourth Avenue North Bayport, MN 55003 (651) 264-5308 abarstad@andersencorp.com										
Category	Windows										
Subcategory	Double Hung										
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	Hermes F. Norero, P.E.										
Florida License	PE-73778										
Quality Assurance Entity	Window and Door Manufacturers Association-QA										
Quality Assurance Contract Expiration Date	12/16/2030										
Validated By	Zachary R. Priest, P.E. Validation Checklist - Hardcopy Received										
Certificate of Independence	FL27970 R4 COI COI Andersen SS 2015-08-31.pdf										
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th>Standard</th><th>Year</th></tr> </thead> <tbody> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440</td><td>2011</td></tr> <tr> <td>TAS 201</td><td>1994</td></tr> <tr> <td>TAS 202</td><td>1994</td></tr> <tr> <td>TAS 203</td><td>1994</td></tr> </tbody> </table>	Standard	Year	AAMA/WDMA/CSA 101/I.S.2/A440	2011	TAS 201	1994	TAS 202	1994	TAS 203	1994
Standard	Year										
AAMA/WDMA/CSA 101/I.S.2/A440	2011										
TAS 201	1994										
TAS 202	1994										
TAS 203	1994										
Equivalence of Product Standards											
Certified By											

Sections from the Code

I affirm that there are no changes in the new Florida Building Code which affect my product(s) and my product(s) are in compliance with the new Florida Building Code.

Documentation from approved Evaluation or Validation Entity Yes No N/A

[FL27970_R4_COC_SA27970_SS_2023-06-19.pdf](#)

Product Approval Method

Method 1 Option D

Date Submitted

08/08/2023

Date Validated

08/08/2023

Date Pending FBC Approval

Date Approved

08/09/2023

Summary of Products

FL #	Model, Number or Name	Description
27970.1	Renewal by Andersen DG Series Double Hung Window (Non-Impact) (Non-HVHZ)	Renewal by Andersen DG Series Double Hung Window (Non-Impact) (Non-HVHZ)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See Installation Instructions and Product Evaluation Report for allowable design pressures, sizes, installation requirements and limits of use.		Installation Instructions FL27970_R4_IL_AWD234_SS_2018-12-16.pdf Verified By: Hermes F. Norero, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes Evaluation Reports FL27970_R4_AE_PER5531_SS_2018-08-17.pdf Created by Independent Third Party: Yes
27970.2	Renewal by Andersen Double Hung Window (HVHZ) (Impact)	Renewal by Andersen Double Hung Window (HVHZ) (Impact)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: See Installation Instructions and Product Evaluation Report for allowable design pressures, sizes, installation requirements and limits of use.		Installation Instructions FL27970_R4_IL_AWD291_SS_2021-06-15.pdf Verified By: Hermes F. Norero, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes Evaluation Reports FL27970_R4_AE_PER7620_SS_2021-06-15.pdf Created by Independent Third Party: Yes

[Back](#)

[Next](#)

Contact Us :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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Product Approval Accepts:



Credit Card
Safe



ANDERSEN CORPORATION

RENEWAL BY ANDERSEN DG SERIES DOUBLE HUNG WINDOW (NON-IMPACT) (NON-HVHZ)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/1.5-27-2000-08/11
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSMITTING THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 1X AND 2X BLOCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BLOCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE PER OR APL.
- APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: FIBREX
- IN ACCORDANCE WITH THE CURRENT EDITION FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS DERIVED IN CHAPTER 23.

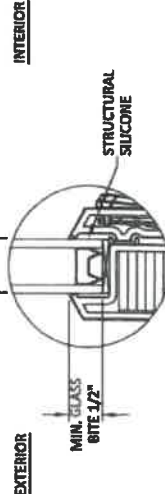
SILL TYPE	MAX OVERALL SIZE			MAX D.L.O. SIZE			DESIGN PRESSURE	RATIO	CONFIG.	MISSILE IMPACT RATING
	WIDTH	HEIGHT	DEPTH	UPPER SASH	LOWER SASH	DEPTH				
FLAT OR SLOPE	32.0	76.0	25-15/16	33-3/8	33-3/8	33-3/8	+/-40	1:1	X/X	NON-IMPACT
	40.0	76.0	33-15/16	33-3/8	33-3/8	33-3/8	+/-40			
	48.0	76.0	41-15/16	33-3/8	33-3/8	33-3/8	+/-40			
	54.0	76.0	47-15/16	33-3/8	33-3/8	33-3/8	+/-40			
FLAT OR SLOPE	40.0	96.0	33-15/16	43-3/8	43-3/8	43-3/8	+/-30	3:1	X/X	NON-IMPACT
	48.0	96.0	41-15/16	43-3/8	43-3/8	43-3/8	+/-30			
	48.0	96.0	65-1/16	43-3/8	43-3/8	43-3/8	+/-30			
	48.0	76.0	33-15/16	50-1/16	16-11/16	16-11/16	+/-40			
54.0	72.0	47-15/16	47-15/16	47-15/16	47-15/16	47-15/16	+/-40			

SILL TYPE	MAX OVERALL SIZE			MAX D.L.O. SIZE			DESIGN PRESSURE	RATIO	CONFIG.	MISSILE IMPACT RATING
	WIDTH	HEIGHT	DEPTH	UPPER SASH	LOWER SASH	DEPTH				
FLAT OR SLOPE	30.0	68.0	23-15/16	29-3/8	29-3/8	29-3/8	+30/-65	1:1	X/X	NON-IMPACT
	36.0	68.0	29-15/16	29-3/8	29-3/8	29-3/8	+30/-65			
	40.0	72.0	33-15/16	31-3/8	31-3/8	31-3/8	+30/-65			
	40.0	76.0	33-15/16	33-3/8	33-3/8	33-3/8	+30/-65			
SLOPE	40.0	75.3	33-15/16	33-3/8	33-2/5	33-2/5	+30/-65	1:1	X/X	NON-IMPACT
	36.0	62.0	29-15/16	29-3/8	26-3/8	26-3/8	+30/-65			
SLOPE	36.0	61.9	29-15/16	26-3/8	26-2/5	26-2/5	+30/-65			

NOTES:

- UPGRADE PRODUCT POSITIVE RATING IS DRIVEN BY STRUCTURAL ONLY. WATER IS NOT INCLUDED.
- UPGRADE PRODUCT MUST BE INSTALLED THROUGH FRAME ONLY.

TABLE OF CONTENTS		SHEET DESCRIPTION	
1	4	INSTALLATION AND GENERAL NOTES	
2	-	ELEVATIONS & ANCHOR LAYOUTS	
3	-	ELEVATIONS & ANCHOR LAYOUTS	
4	-	VERTICAL SECTIONS	
5	-	VERTICAL SECTIONS	
6	-	HORIZONTAL SECTIONS	
7	-	INSTALLATION NOTES, REINFORCEMENT & ANCHOR DETAILS	



GLAZING DETAIL 1

- NOTE:
- GLASS TYPE THICKNESS SHALL COMPLY WITH ASTM E-1300 GLASS CHART REQUIREMENTS.
 - ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN CURRENT FBC.
 - SETTING BLOCK SHOULD BE 70-90 DUROMETER AS PER CH 24 OF THE CURRENT FBC.
 - GLASS LITES THAT EXCEED 36" IN WIDTH SHALL USE SETTING BLOCKS AT 1/4 SPAN FROM CORNERS.

100 FOURTH AVE NORTH
BAYPORT, MN 55425-1004
PH: (763) 264-4350 FAX: (763) 264-6465
WWW.ANDERSENWINDOW.COM

PREPARED BY:
BUILDING DROPS, INC.
308 E. OLIVER BLVD. SUITE 200
ST. LOUIS, MO 63103-4735
PH: (314) 993-4030 FAX: (314) 993-4031

DATE: 11.26.11
BY: [Signature]

REMARKS:
SIZE GRID UPDATE

REVISIONS:
1. 11.26.11
2. 11.26.11

PROJECT: [Redacted]
SHEET: [Redacted]
SHEET: [Redacted]

FL #:
FL27970

DATE: 02.22.18
DWG. BY: RV
CHK. BY: HFN
SCALE: NTS
DWG. #: AWD234
SHEET: 1

OF 7



301 FOUNTAIN AVE NORTH
BAYPORT, MN 55008-5206
PH: (651) 264-5200 FAX: (651) 264-5488

PREPARED BY:
BUILDING DROPS, INC.
ELEVATIONS AND
(NON-IMPACT)(NON-HVHZ)
ANCHOR LAYOUTS

WITH www.bldgdrop.com
P.O. BOX 447238
DALLAS TEXAS 75244-7238
800 E. DALLAS STREET SUITE 210
DALLAS TEXAS 75201-3110

TITLE:
DG SERIES DOUBLE HUNG
WINDOW

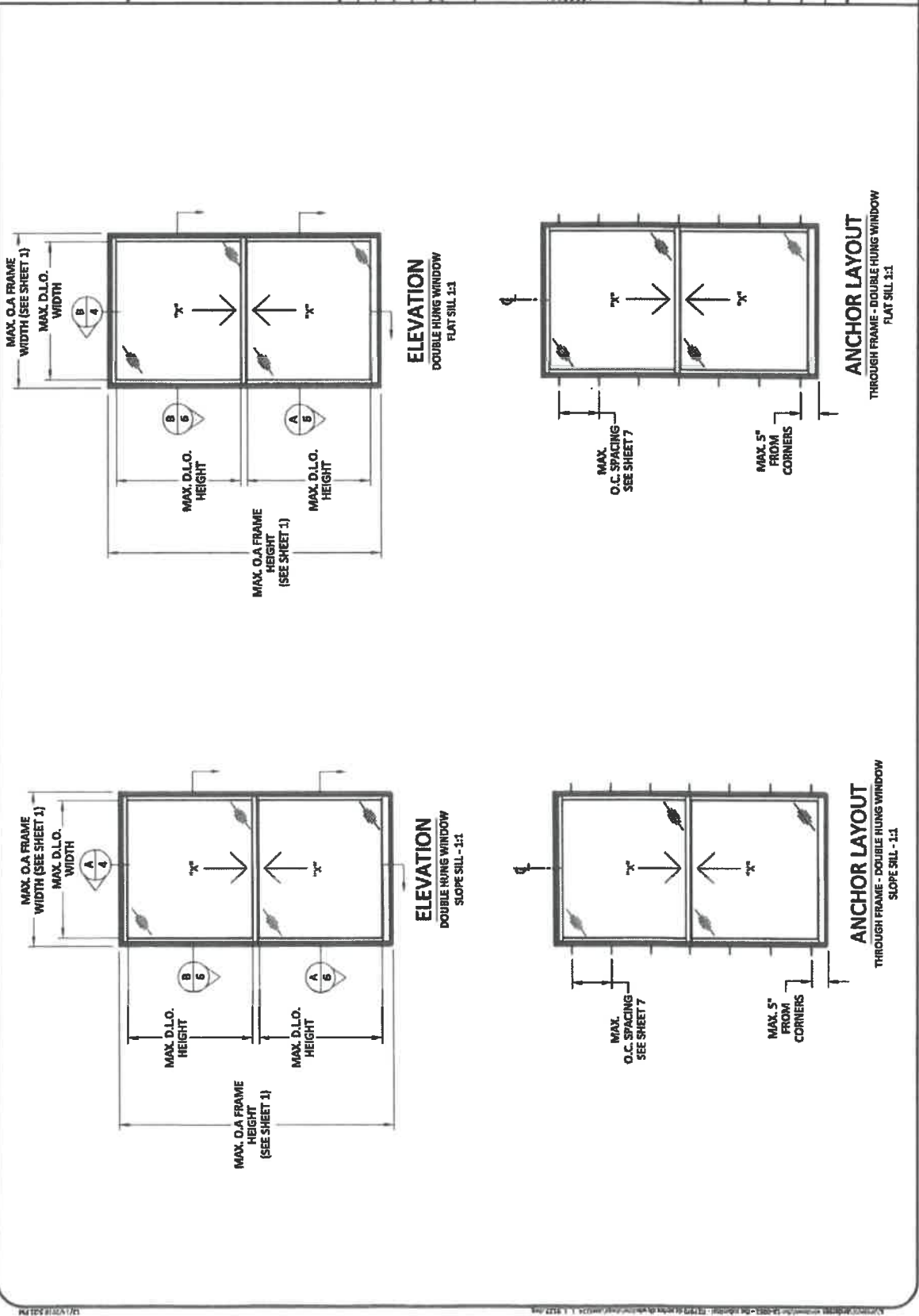
REMARKS:
SIZE GRID UPDATE

BY DATE:
HR 11 JUN 11

FL 27970

DATE: 02.22.18
DWG. BY: RV
CHE. BY: HFN
SCALE: NTS
DWG. #: AWD234
SHEET: 2

PROFESSIONAL ENGINEER
STATE OF MINNESOTA
No. 7378
HERBERT L. ANDERSON
200 E. DALLAS STREET SUITE 210
DALLAS TEXAS 75201-3110
P.O. BOX 447238
DALLAS TEXAS 75244-7238
PH: (651) 264-5200 FAX: (651) 264-5488





100 FOURTH AVE NORTH
MAYFORD, NH 05069-1096
PH: 603.726.5350 FAX: 603.726.5405

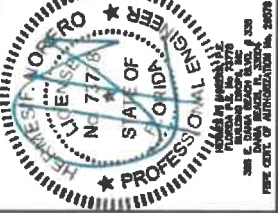
PREPARED BY:
BUILDING DROPS, INC.
ELEVATIONS AND
ANCHOR LAYOUTS
(NON-IMPACT/NO-HVZ)
WINDOW
DG SERIES DOUBLE HUNG



DATE
BY
MR 11.25.17

REMARKS
SEE GRID UPDATE

THESE ELEVATIONS AND ANCHOR LAYOUTS ARE PREPARED FOR THE ARCHITECT'S REVIEW ONLY. THEY ARE NOT TO BE USED FOR CONSTRUCTION. THE ARCHITECT IS RESPONSIBLE FOR THE FINAL DESIGN AND FOR THE ACCURACY OF THE INFORMATION PROVIDED. THE ARCHITECT'S REVIEW OF THESE ELEVATIONS AND ANCHOR LAYOUTS IS LIMITED TO THE INFORMATION PROVIDED AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED.



FL #: FL27970

DATE: 02.22.18

DWG BY: RV

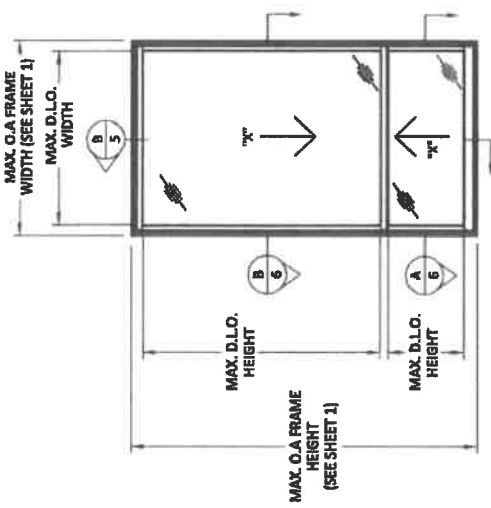
CHK BY: HFN

SCALE: NTS

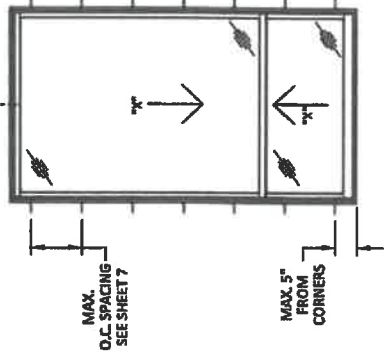
DWG. #: AWD234

SHEET: 3

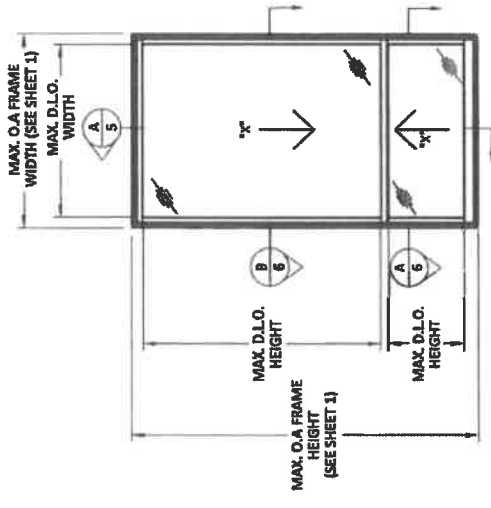
OF 7



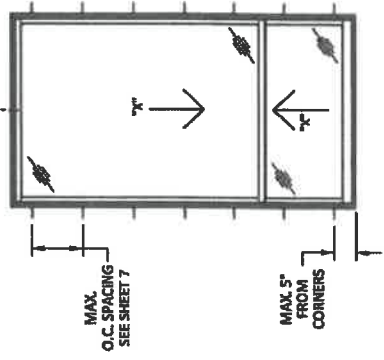
ELEVATION
DOUBLE HUNG WINDOW
FLAT SILL 3:1



ANCHOR LAYOUT
THROUGH FRAME - DOUBLE HUNG WINDOW
FLAT SILL 3:1



ELEVATION
DOUBLE HUNG WINDOW
SLOPE SILL - 3:1



ANCHOR LAYOUT
THROUGH FRAME - DOUBLE HUNG WINDOW
SLOPE SILL 3:1



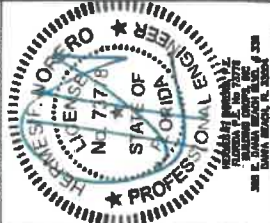
100 POLYMER AVE. NORTH
BAYPORT, MI 48008-1005
PH: (313) 284-3300 FAX: (313) 284-3485
WWW.ANDERSENWINDOWS.COM

BUILDING DROPS, INC.
3800 E. DAVENPORT BLVD., STE. 100
TAMPA, FL 33611
PH: (813) 944-4733
FAX: (813) 944-4733
WWW.BUILDINGDROPS.COM



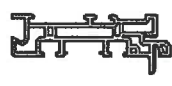
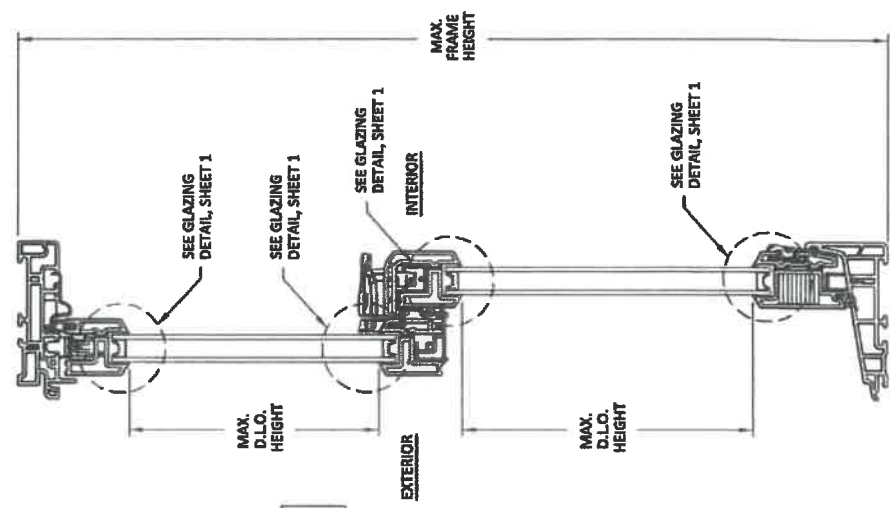
PREPARED BY:
TITLE: D6 SERIES DOUBLE HUNG
(NON-IMPACT)(NON-HVHZ)
VERTICAL SECTIONS

REMARKS	BY	DATE
SIZE GRID UPDATE	HR	1.13.11



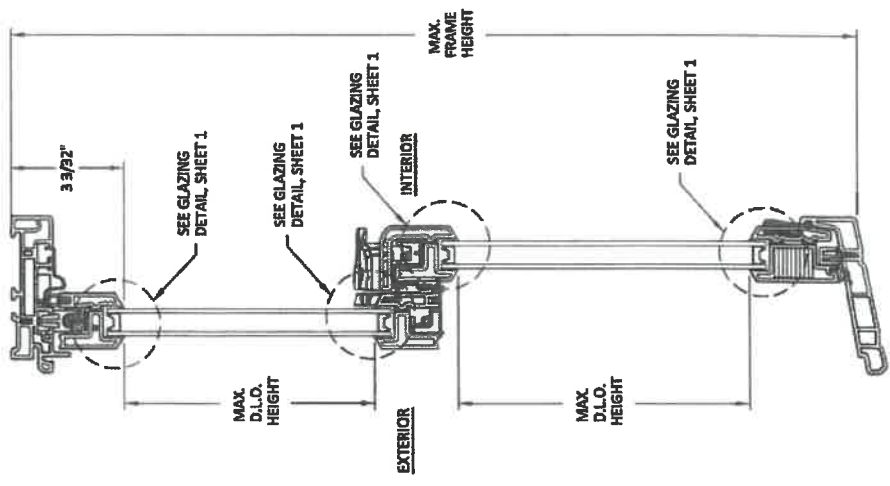
FL: **FL27970**
DATE: **02.22.18**
DWG. BY: **RV** CHK. BY: **HFN**
SCALE: **NTS**
DWG. #: **AWD234**
SHEET:

4 OF 7



1 POCKET NOTCH 2 EJ FRAME

NOTE:
1 THE PROFILES SHOWN ABOVE ARE ALSO QUALIFIED AS AN OPTION FOR USE OTHER THAN BASE FRAME AT THE HEAD.



VERTICAL SECTION
FLAT SILL 1:1

VERTICAL SECTION
SLOPE SILL 1:1



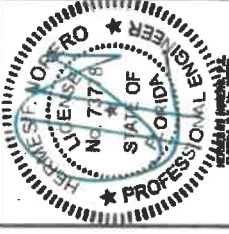
150 FOUNTAIN AVE NORTH
BAYPORT, MN 55829-1090
PH: (877) 364-4350 FAX: (877) 364-5485
WWW.ANDERSEN-WINDOWS.COM

PREPARED BY:
BUILDING DROPS, INC.
390 E. OLIVER AVE. SUITE 100
MINNEAPOLIS, MN 55404
WWW.BUILDINGDROPS.COM



REMARKS	BY	DATE
SIZE GRID UPDATE	HR	11.26.18

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FL #:
FL27970

DATE: **02.22.18**

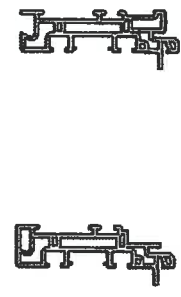
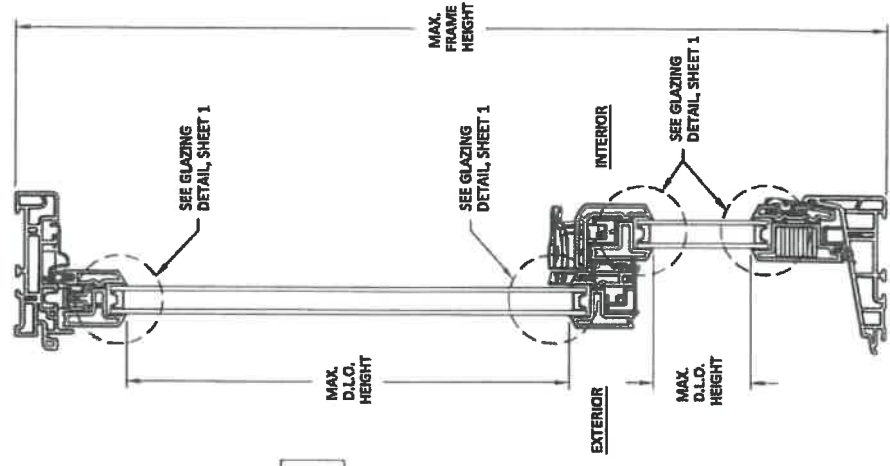
DWG BY: **RV** CHK BY: **HFN**

SCALE: **NTS**

DWG. #: **AWD234**

SHEET: **5**

OF 7



- 1 POCKET NOTCH
- 2 EI FRAME

NOTE: THE PROFILES SHOWN ABOVE ARE ALSO QUALIFIED AS AN OPTION FOR USE OTHER THAN BASE FRAME AT THE HEAD.

B VERTICAL SECTION
FLAT SILL 3:1

A VERTICAL SECTION
SLOPED SILL 3:1



ANDERSEN AW
 300 FOURTH AVE NORTH
 BAYPORT, MN 55009-1005
 PH: (651) 264-5150 FX: (651) 264-5485
 WWW.ANDERSENWINDOWS.COM

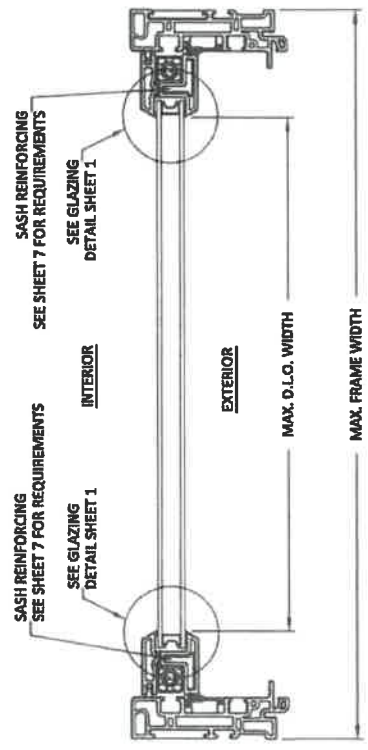
BUILDING DROPS, INC.
 300 S. DANA BEACH BLVD., STE. 300
 FLS 33409-4478
 PH: (850) 225-4478
 WWW.BUILDINGDROPS.COM

PREPARED BY: _____
 DATE: _____
 BY: _____
 DATE: _____
 SIZE GRID UPDATE: _____
 REMARKS: _____

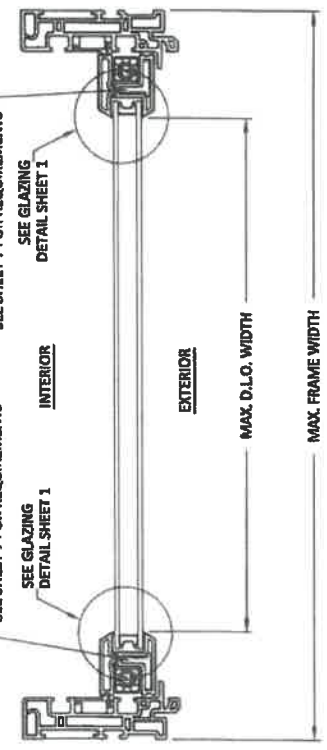
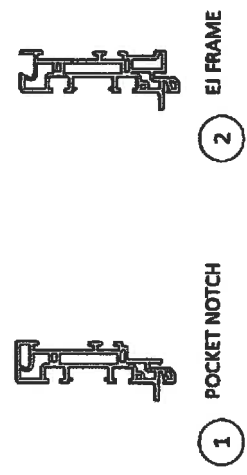
TITLE: **DG SERIES DOUBLE HUNG WINDOW (NON-IMPACT)(NON-HVHZ) HORIZONTAL SECTIONS**

FL #: **FL27970**
 DATE: **02.22.18**
 DWG BY: **RV** CHK BY: **HFN**
 SCALE: **NTS**
 DWG. #: **AWD234**
 SHEET: **6**

PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 NO. 7778
 HERBERT A. ROSEN
 300 S. DANA BEACH BLVD., STE. 300
 FLS 33409-4478
 PH: (850) 225-4478
 FIRM CERT. OF AUTHORIZATION No. 28079

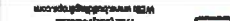


A
6
HORIZONTAL SECTION
 LOWER SASH



B
6
HORIZONTAL SECTION
 UPPER SASH

NOTE:
 1. THE PROFILES SHOWN ABOVE ARE ALSO QUALIFIED AS AN OPTION FOR USE OTHER THAN BASE FRAME

					
WISCONSIN - BOARDS 300 FOURTH AVE NORTH SUITE 200 WISCONSIN, WI 53081 TEL: (414) 244-5000 FAX: (414) 244-5005 WWW.ANDERSEN-AW.COM		FL 778 300 E. RIVERSIDE AVE., SUITE 200 BOULDER CO, CO 80501 TEL: (303) 440-7778 FAX: (303) 440-7779 WWW.ANDERSEN-AW.COM		PREPARED BY: BUILDING DROPS, INC. 500 E. COLUMBIA AVE., SUITE 100 CHICAGO, IL 60605 TEL: (773) 444-4422 FAX: (773) 444-4423 WWW.BUILDINGDROPS.COM	
REMARKS:		BY DATE:		HR 11.15.18	
TITLE:		SIZE GRID UPDATE			
DG SERIES DOUBLE HUNG WINDOW (NON-IMPACT)(NON-HVHZ) INSTALLATION NOTES, REINFORCEMENT & ANCHOR DETAILS		PREPARED BY: BUILDING DROPS, INC. 500 E. COLUMBIA AVE., SUITE 100 CHICAGO, IL 60605 TEL: (773) 444-4422 FAX: (773) 444-4423 WWW.BUILDINGDROPS.COM			
DATE: 02.22.18		DWG. BY: RV		CHK. BY: HFN	
SCALE: NTS		DWG. #: AWD234		SHEET: 7	



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Product Approval
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[Product Approval Menu](#) >
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 Application Detail

FL #	FL19563-R6
Application Type	Affirmation
Code Version	2023
Application Status	Approved

Comments
Archived

Product Manufacturer	Andersen Corporation
Address/Phone/Email	100 Fourth Avenue North Bayport, MN 55003 (651) 264-5308 alan.barstad@AndersenCorp.com

Authorized Signature	Alan Barstad alan.barstad@AndersenCorp.com
-----------------------------	---

Technical Representative
Address/Phone/Email

Quality Assurance Representative
Address/Phone/Email

Category	Windows
Subcategory	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	Hermes F. Norero, P.E.
Florida License	PE-73778
Quality Assurance Entity	Window and Door Manufacturers Association-QA
Quality Assurance Contract Expiration Date	12/16/2030
Validated By	Zachary R. Priest, P.E. Validation Checklist - Hardcopy Received

Certificate of Independence	FL19563_R6_COI_COI Andersen SS 2021-10-18.pdf
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Referenced Standard and Year (of Standard)	<table border="0"> <tr> <th>Standard</th> <th>Year</th> </tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440</td> <td>2008</td> </tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440</td> <td>2011</td> </tr> <tr> <td>AAMA/WDMA/CSA 101/I.S.2/A440</td> <td>2017</td> </tr> <tr> <td>ASTM E1886</td> <td>2013</td> </tr> <tr> <td>ASTM E1996</td> <td>2017</td> </tr> <tr> <td>TAS 201</td> <td>1994</td> </tr> <tr> <td>TAS 202</td> <td>1994</td> </tr> <tr> <td>TAS 203</td> <td>1994</td> </tr> </table>	Standard	Year	AAMA/WDMA/CSA 101/I.S.2/A440	2008	AAMA/WDMA/CSA 101/I.S.2/A440	2011	AAMA/WDMA/CSA 101/I.S.2/A440	2017	ASTM E1886	2013	ASTM E1996	2017	TAS 201	1994	TAS 202	1994	TAS 203	1994
Standard	Year																		
AAMA/WDMA/CSA 101/I.S.2/A440	2008																		
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AAMA/WDMA/CSA 101/I.S.2/A440	2017																		
ASTM E1886	2013																		
ASTM E1996	2017																		
TAS 201	1994																		
TAS 202	1994																		
TAS 203	1994																		

Equivalence of Product Standards
Certified By

Sections from the Code

I affirm that there are no changes in the new Florida Building Code which affect my product(s) and my product(s) are in compliance with the new Florida Building Code.

Documentation from approved Evaluation or Validation Entity Yes No N/A

[FL19563_R6_CQC_SA19563_SS_2023-06-19.pdf](#)

Product Approval Method

Method 1 Option D

Date Submitted

08/08/2023

Date Validated

08/08/2023

Date Pending FBC Approval

Date Approved

08/10/2023

Summary of Products

FL #	Model, Number or Name	Description
19563.1	Renewal by Andersen Glider Window (Non-HVHZ) (Non-Impact)	Renewal by Andersen Glider Window (Non-HVHZ) (Non-Impact)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See Installation Details and Evaluation Report for allowable design pressures, sizes, configurations, installation requirements and limits of use.		Installation Instructions FL19563_R6_IL_AWD243_SS_2018-12-17.pdf Verified By: Hermes F. Norero, P.E. FL PE No. 73778 Created by Independent Third Party: Yes Evaluation Reports FL19563_R6_AE_PER5898_SS_2018-12-16.pdf Created by Independent Third Party: Yes
19563.2	Renewal by Andersen Glider Windows (HVHZ) (Impact)	Renewal by Andersen Glider Windows (HVHZ) (Impact)
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +60/-70 Other: See Installation Details and Evaluation Report for allowable sizes, configurations, installation requirements and limits of use.		Installation Instructions FL19563_R6_IL_AWD322_SS_2022-10-13.pdf Verified By: Hermes F. Norero, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes Evaluation Reports FL19563_R6_AE_PER8163_SS_2022-10-13.pdf Created by Independent Third Party: Yes

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Product Approval Accepts:



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ANDERSEN CORPORATION

RENEWAL BY ANDERSEN SERIES GLIDER WINDOW (NON-HVHZ)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - a. AAMA/MCMA/CSA 101/1.2/1440-08/11
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BLOCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BLOCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
5. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS.
6. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. WINDOW FRAME MATERIAL: FIBROX & PVC
8. IN ACCORDANCE WITH THE CURRENT EDITION FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVELY TREATED OR MADE OF A DURABLE SPECIES AS DEFINED IN CHAPTER 25.
9. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

DESIGN PRESSURE RATING

SIZE	CONFIGURATION	DESIGN PRESSURE	SASH WIDTH RATIO
72" X 80"	XO	+40.0 / -40.0 PSF	1:1
96" X 54"	XO	+40.0 / -40.0 PSF	1:1
96" X 72"	XO	+40.0 / -40.0 PSF	1:1
108" X 54"	XO	+25.0 / -25.0 PSF	1:2
108" X 72"	XO	+20.0 / -20.0 PSF	1:2
56" X 80"	XO	+40.0 / -40.0 PSF	1:2
74" X 54"	XO	+40.0 / -40.0 PSF	1:2
74" X 72"	XO	+35.0 / -35.0 PSF	1:2
48" X 48"	XX	+40.0 / -40.0 PSF	1:1
72" X 80"	XX	+30.0 / -30.0 PSF	1:1
96" X 54"	XX	+35.0 / -35.0 PSF	1:1
96" X 60"	XX	+35.0 / -35.0 PSF	1:1
96" X 72"	XX	+20.0 / -20.0 PSF	1:1
144" X 54"	XX	+30.0 / -30.0 PSF	1:1
144" X 72"	XX	+25.0 / -25.0 PSF	1:1
84" X 60"	XX	+40.0 / -40.0 PSF	1:1
84" X 80"	XX	+35.0 / -35.0 PSF	1:1
84" X 72"	XX	+35.0 / -35.0 PSF	1:1
144" X 54"	XX	+30.0 / -30.0 PSF	1:2
144" X 72"	XX	+25.0 / -25.0 PSF	1:2
84" X 60"	XX	+40.0 / -40.0 PSF	1:2
84" X 80"	XX	+35.0 / -35.0 PSF	1:2

DESIGN PRESSURE UPGRADE RATING

SIZE	CONFIGURATION	DESIGN PRESSURE	SASH WIDTH RATIO
56" X 48"	XO	+61.0 / -78.0 PSF	1:1
48" X 48"	XO	+81.0 / -100.0 PSF	1:1
84" X 64"	XO	+42.0 / -43.0 PSF	1:1
74" X 72"	XO	+50.0 / -50.0 PSF	1:1
74" X 64"	XO	+50.0 / -65.0 PSF	1:1
108" X 72"	XX	+26.0 / -26.0 PSF	1:1 & 1:2
120" X 64"	XX	+28.0 / -28.0 PSF	1:1 & 1:2
56" X 48"	XX	+61.0 / -78.0 PSF	1:1 & 1:2
74" X 64"	XX	+50.0 / -65.0 PSF	1:1 & 1:2
108" X 64"	XX	+40.0 / -40.0 PSF	1:1 & 1:2

*SEE FRAME DESCRIPTIONS ON SHEET 6 & 8

NOTES:

1. DP UPGRADE PRODUCT POSITIVE RATING IS DERIVED BY STRUCTURAL ONLY. WATER IS NOT INCLUDED.
2. DP UPGRADE PRODUCT MUST BE INSTALLED THROUGH FRAME ONLY, EXCEPT ON SILL WHERE JAMB CLIPS MUST BE USED.

TABLE OF CONTENTS	
SHEET	REVISION
1	-
2	-
3	-
4	-
5	-
6	-
7	-
8	-
9	-

GENERAL NOTES & GLAZING DETAIL

ELEVATIONS

ELEVATIONS

ANCHOR LAYOUTS

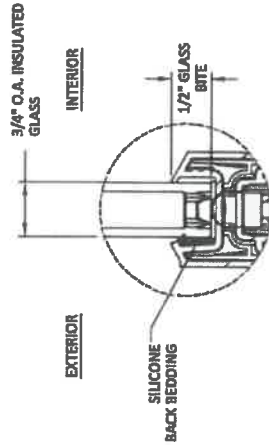
ANCHOR LAYOUTS

VERTICAL SECTIONS

HORIZONTAL SECTIONS

ANCHOR DETAILS

INSTALLATION NOTES & ANCHOR SCHEDULE



GLAZING DETAIL

GLAZING NOTES:

1. GLASS TYPE & THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
2. SETTING BLOCK DURENOMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN DESIGN PRESSURE TABLES ON SHEET 1.



RENEWAL SERIES GLIDING WINDOW (NON-HVHZ)
GENERAL NOTES & GLAZING DETAIL

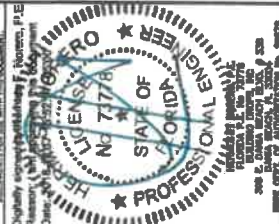
TITLE:

REMARKS

BY

DATE

PREPARED BY:
BUILDING DROPS, INC.
300 E. DAVIS STREET, SUITE 100
DAVIE, FL 33304
TEL: 954-244-1200 FAX: 954-244-1201
WWW.BUILDINGDROPS.COM



FL #: FL19563

DATE: 11.07.18

DWG. BY: RV

CHECK BY: HFN

SCALE: NTS

DWG. #: AWD243

SHEET: 1

OF 9



100 FOURTH AVE NORTH
BAYPORT, MN 55425-1296
PH: (612) 264-1520 FX: (612) 264-5495

RENEWAL SERIES GUIDING
WINDOW (NON-HVHZ)
ELEVATIONS

PREPARED BY:
BUILDING DROPS, INC.
388 E. DAKOTA STREET, STE. 208
MINNEAPOLIS, MN 55404
WWW.BUILDINGDROPS.COM



DATE

REMARKS

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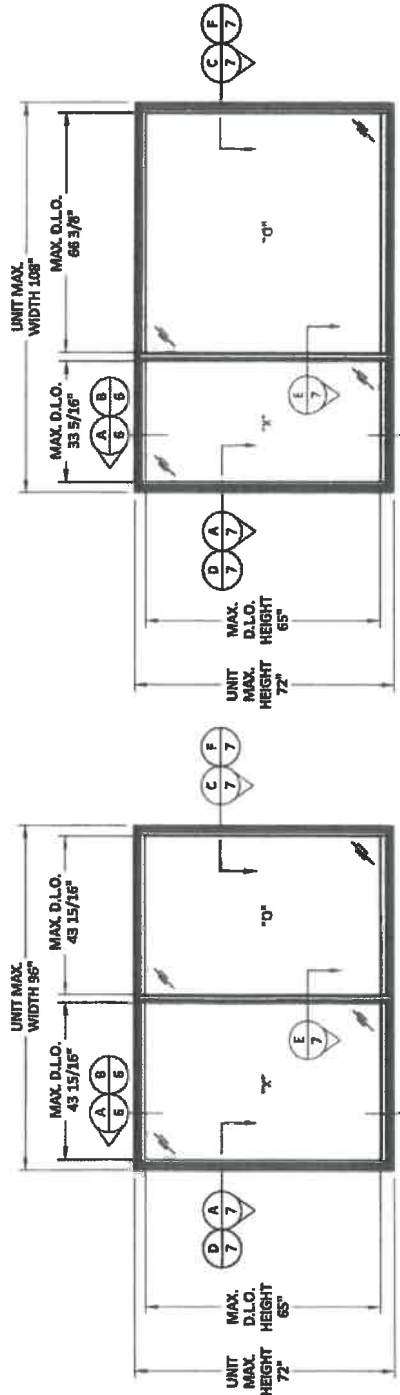
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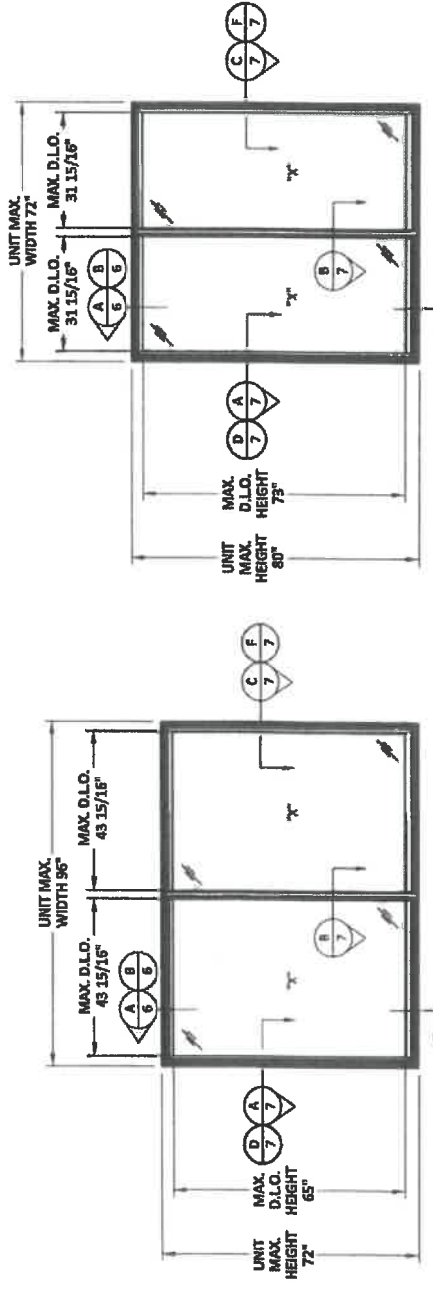
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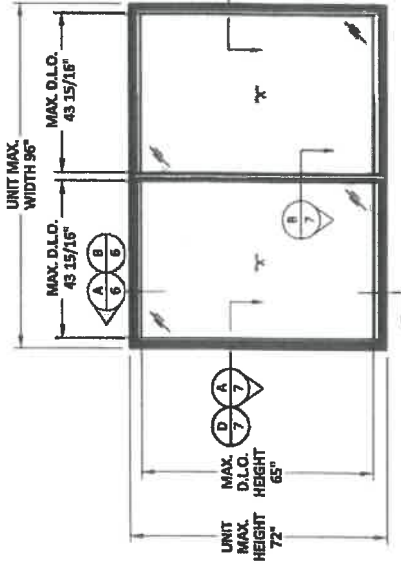
DATE



ELEVATION
108" X 72" XO UNIT
1:2 SASH RATIO



ELEVATION
72" X 80" XX UNIT
1:1 SASH RATIO



ELEVATION
96" X 72" XX UNIT
1:1 SASH RATIO



200 PELHAM AVE. SUITE 100
ROCKFORD, MA 01540-2096
PH: (413) 284-5150 FAX: (413) 284-5485
WWW.ANDERSENWINDOWS.COM

RENEWAL SERIES GLIDING
WINDOW (NON-IMPACT)
ELEVATIONS

PREPARED BY:
BUILDING DROPS, INC.
300 E. OAKA BEACH BLVD., STE. 100
OAKA BEACH, FL 33064
PH: (954) 939-4975
WWW.BUILDINGDROPS.COM



DATE: 11.07.18
DWG. BY: RV
CHK. BY: HFN
SCALE: NTS
DWG. #: AWD243
SHEET: 3 OF 9

FL: FL19563

DATE: 11.07.18

DWG. BY: RV

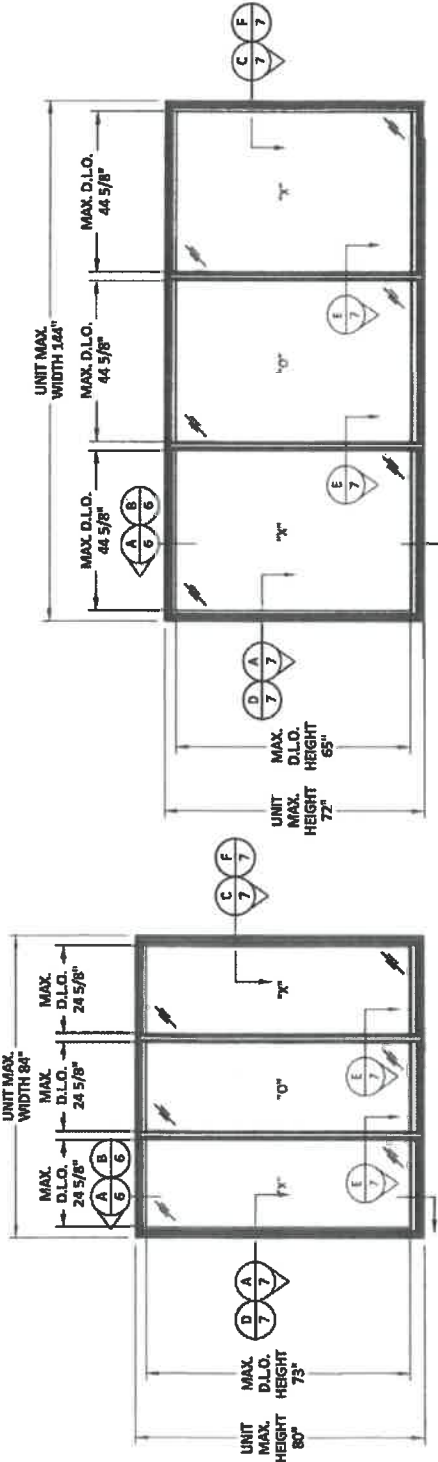
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SCALE: NTS

DWG. #: AWD243

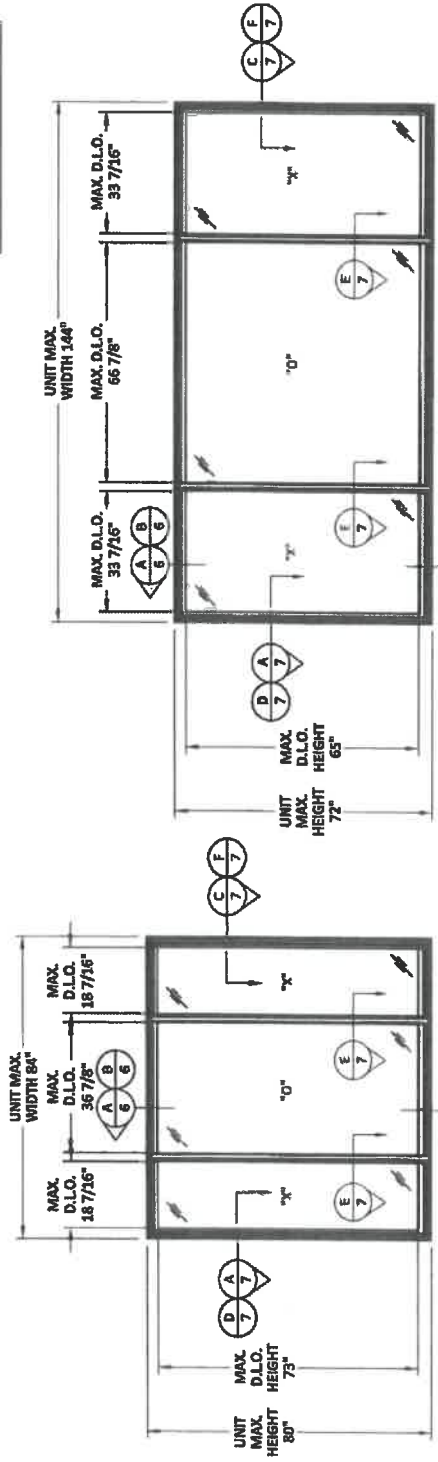
SHEET: 3

OF 9



NOTE:
ALTERNATE MEETING STILE
LOCATIONS MAY BE USED SUCH
THAT MAX. D.L.O. DIMENSIONS
SHOWN HEREIN ARE NOT
EXCEEDED.

ELEVATION
144" X 72" XOX UNIT
1:1:1 SASH RATIO



ELEVATION
144" X 72" XOX UNIT
1:2:1 SASH RATIO

ELEVATION
84" X 80" XOX UNIT
1:2:1 SASH RATIO



100 COUNTY AVE NORTH
WATFORD, AL 36087-1099
TEL: (205) 264-5150 FAX: (205) 264-5095

ANCHOR LAYOUTS
RENEWAL SERIES GLIDING WINDOW (NON-IMPACT)
(NON-HWZ)



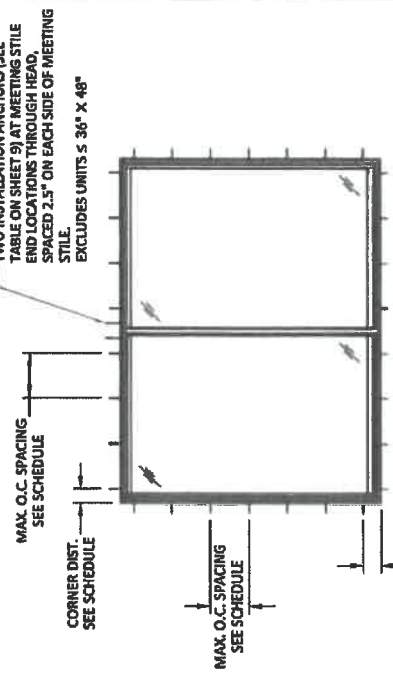
PREPARED BY: BUILDING DROPS, INC.

300 E. KANAWHA BLVD., SUITE 300
FORT LAUDERDALE, FL 33304
TEL: (954) 576-0075 FAX: (954) 576-0076
WWW.BUILDINGDROPS.COM

DATE: _____ BY: _____

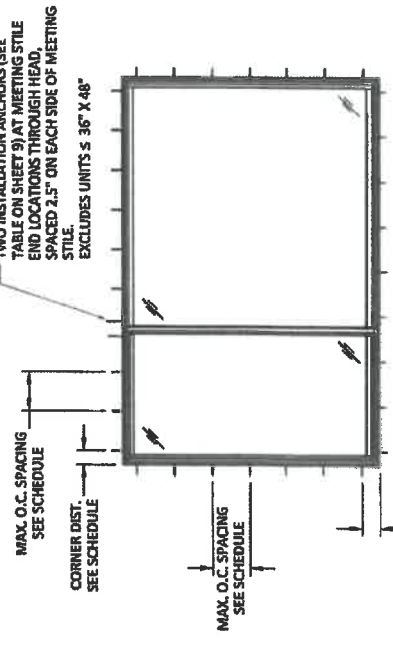
REMARKS: _____

TWO INSTALLATION ANCHORS (SEE TABLE ON SHEET 9) AT MEETING STYLE END LOCATIONS THROUGH HEAD, SPACED 2.5" ON EACH SIDE OF MEETING STYLE. EXCLUDES UNITS ≤ 36" X 48"



TYPICAL ANCHOR LAYOUT
XO OR OX GLIDER
1:1 SASH RATIO

TWO INSTALLATION ANCHORS (SEE TABLE ON SHEET 9) AT MEETING STYLE END LOCATIONS THROUGH HEAD, SPACED 2.5" ON EACH SIDE OF MEETING STYLE. EXCLUDES UNITS ≤ 36" X 48"



TYPICAL ANCHOR LAYOUT
XO GLIDER
1:2 SASH RATIO

ALL METHODS OF INSTALLATION REQUIRE A CONTINUOUS 1/2" BEAD OF SILICONE BELOW THE SILL

RENEWAL SERIES GLIDER ANCHOR SPACING					
CONFIG.	INSTALLATION METHOD	FROM CORNERS (IN)	MAX O.C. HEAD (IN)	MAX O.C. SILL (IN)	MAX O.C. JAMBS (IN)
"XO" OR "OX" GLIDER 1:1 SASH RATIO	NAIL FIN	3.5	3.5	3.5	3.5
	INSTALLATION CLIP	5.5	15.25	15.25	16
	THROUGH FRAME	5.5	10.125	SEE NOTES	15.25
"XO" OR "OX" GLIDER 1:2 SASH RATIO	NAIL FIN	3.5	3.5	3.5	3.5
	INSTALLATION CLIP	5.5	15	15	16
	THROUGH FRAME	5.5	11.25	SEE NOTES	17.25

INSTALLATION NOTES:

- FOR THROUGH FRAME INSTALLATIONS, INSTALLATION CLIPS MUST BE USED AT THE SILL IN LIEU OF FASTENERS THROUGH FRAME, SPACED IN ACCORDANCE WITH THE INSTALLATION CLIP SPACING REQUIREMENTS LISTED IN THE ABOVE TABLE.
- FOR CUSTOM SASH RATIOS, USE WORST CASE ANCHOR SPACING BETWEEN EQUAL SASH AND 1:2 OR 1:2:1 SASH RATIOS FROM TABLE ABOVE. REFER TO SHEET 1, SEE TABLE ON SHEET 9 FOR ANCHOR TYPE DEPENDENT ON INSTALLATION METHOD AND SUBSTRATE.

RENEWAL SERIES DP UPGRADE GLIDER ANCHOR SPACING					
CONFIG. & SIZE	INSTALLATION METHOD	FROM CORNERS (IN)	MAX O.C. HEAD (IN)	MAX O.C. SILL (IN)	MAX O.C. JAMBS (IN)
XO & OX GLIDER 40" X 40"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
XO & OX GLIDER 40" X 40"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
XO & OX GLIDER 50" X 64"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
XO & OX GLIDER 74" X 72"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	12.5	12.5	12.5
XO & OX GLIDER 88" X 64"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	15.25	15.25	15.25

INSTALLATION NOTES:

- DP UPGRADE PRODUCTS WHEN ANCHORING WITH 1/4" TAPCON FASTENERS THE JAMB SHIM MUST BE USED BETWEEN THE FRAME AND THE 1/4" INCH SHIM STACK. JAMB SHIM NOT REQUIRED WHEN USING JAMB CLIP FOR SILL FASTENING.



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FORT LAUDERDALE, FL 33304
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FL #: FL19563

DATE: 11.07.18

DWG. BY: RV

CHK. BY: HFN

SCALE: NTS

DWG. #: AWD243

SHEET:



300 FOURTH AVE NORTH
BAYPORT, MN 55808-1005
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BUILDING DROPS, INC.
300 E. DAVENPORT BLVD., STE. 300
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WWW.BUILDINGDROPS.COM



ANCHOR LAYOUTS
RENEWAL SERIES GLIDING
WINDOW (NON-IMPACT)
(NON-HVHZ)

PREPARED BY:

REMARKS

BY DATE

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DATE: 11.07.18
DWG. BY: RV
CHK. BY: HFN
SCALE: NTS
DWG. #: AWD243
SHEET: 5

FL19563

OF 9

CONFIG.	INSTALLATION METHOD	FROM CORNERS (IN)	MAX O.C. HEAD (IN)	MAX O.C. SILL (IN)	MAX O.C. JAMBS (IN)
"XOX" GLIDER	NAIL PIN	3.5	3.5	3.5	3.5
	INSTALLATION CLIP	5.5	14.5	14.5	16
	THROUGH FRAME	5.5	10.375	SEE NOTES	21.5
	NAIL FIN	3.5	3.5	3.5	3.5
	INSTALLATION CLIP	5.5	12.125	12.125	16
	THROUGH FRAME	5.5	10.5	SEE NOTES	22

INSTALLATION NOTES:

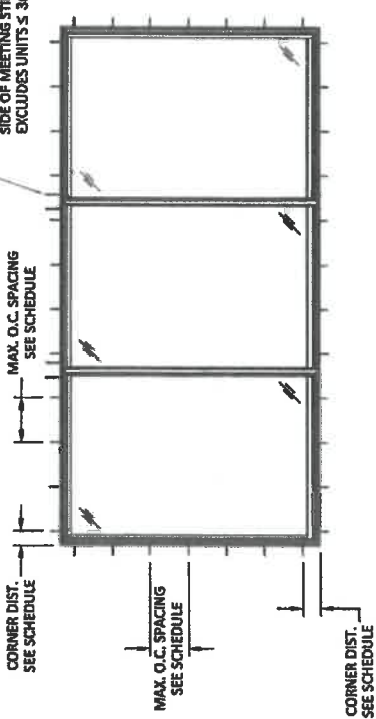
- FOR THROUGH FRAME INSTALLATIONS, INSTALLATION CLIPS MUST BE USED AT THE SILL IN LIEU OF FASTENERS THROUGH FRAME. SPACING IN ACCORDANCE WITH THE INSTALLATION CLIP SPACING REQUIREMENTS LISTED IN THE ABOVE TABLE.
- FOR CUSTOM SASH RATIOS, USE WIDEST CASE ANCHOR SPACING BETWEEN EQUAL SASH AND 1/2 OR 1/2:1 SASH RATIOS FROM TABLE ABOVE.
- REFER TO SHEET 1, INSTALLATION NOTES 4-11 FOR ANCHOR TYPE DEPENDENT ON INSTALLATION METHOD AND SUBSTRATE.

INSTALLATION NOTES:

- DP UPGRADE PRODUCTS WHEN ANCHORING WITH A ITW TAPCON FASTENERS THE JAMB SHIM MUST BE USED BETWEEN THE FRAME AND THE 1/4 INCH SHIM STACK. JAMB SHIM NOT REQUIRED WHEN USING JAMB CLIP FOR SILL FASTENING.

CONFIG. & SIZE	INSTALLATION METHOD	FROM CORNERS (IN)	MAX O.C. HEAD (IN)	MAX O.C. SILL (IN)	MAX O.C. JAMBS (IN)
XOX 1:1:1 & 1:2:1 GLIDER 36" X 48"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
XOX 1:1:1 & 1:2:1 GLIDER 74" X 64"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	9	9	9
XOX 1:1:1 & 1:2:1 GLIDER 108" X 64"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	10.5	12.125	13.75
XOX 1:1:1 & 1:2:1 GLIDER 108" X 72"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	10.5	12.125	19.25
XOX 1:1:1 & 1:2:1 GLIDER 120" X 64"	THROUGH FRAME & JAMB CLIP INSTALL (SILL ONLY)	5.5	10.5	12.125	17.5

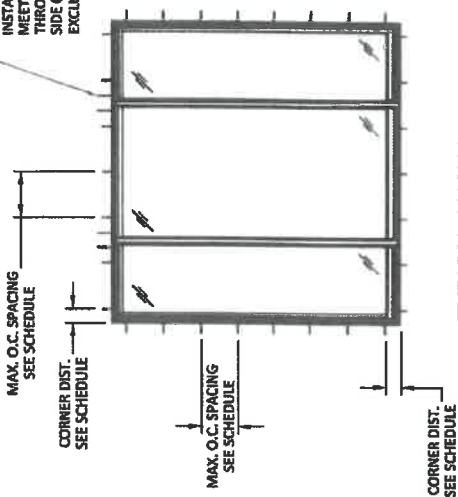
TWO INSTALLATION ANCHORS (SEE INSTALL NOTES 7-9, SHEET 1) AT MEETING STILE END LOCATIONS THROUGH HEAD, SPACED 2.5" ON EACH SIDE OF MEETING STILE. EXCLUDES UNITS ≤ 36" X 48"



TYPICAL ANCHOR LAYOUT

XOX GLIDER
1:1:1 SASH RATIO

TWO INSTALLATION ANCHORS (SEE INSTALL NOTES 7-9, SHEET 1) AT MEETING STILE END LOCATIONS THROUGH HEAD, SPACED 2.5" ON EACH SIDE OF MEETING STILE. EXCLUDES UNITS ≤ 36" X 48"



TYPICAL ANCHOR LAYOUT

XOX GLIDER
1:2:1 SASH RATIO

ALL METHODS OF INSTALLATION REQUIRE A CONTINUOUS 1/2" BEAD OF SILICONE BELOW THE SILL



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DANA BEACH, CA 92626-4708
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TITLE:
**RENEWAL SERIES GUIDING
WINDOW (NON-IMPACT)
VERTICAL SECTIONS**

REMARKS

BY DATE

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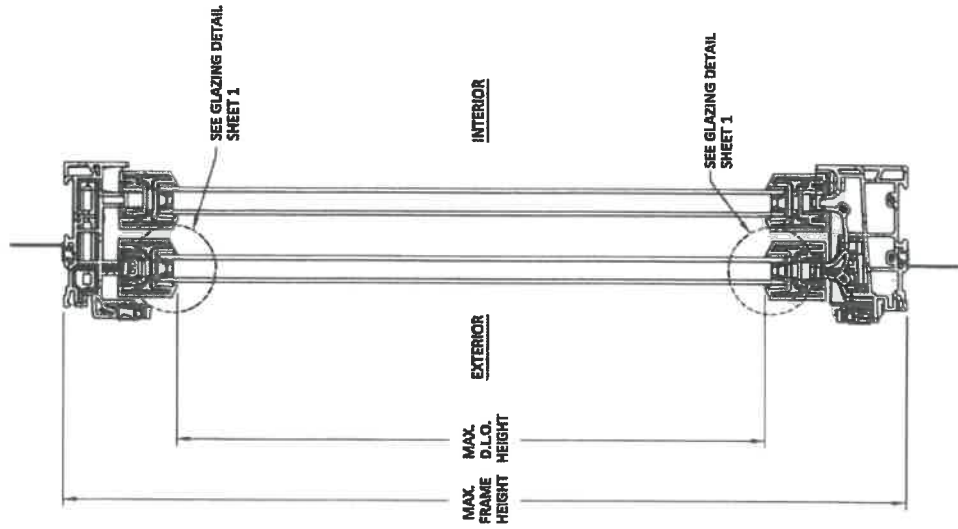
SCALE: **NTS**

DWG. #: **AWD243**

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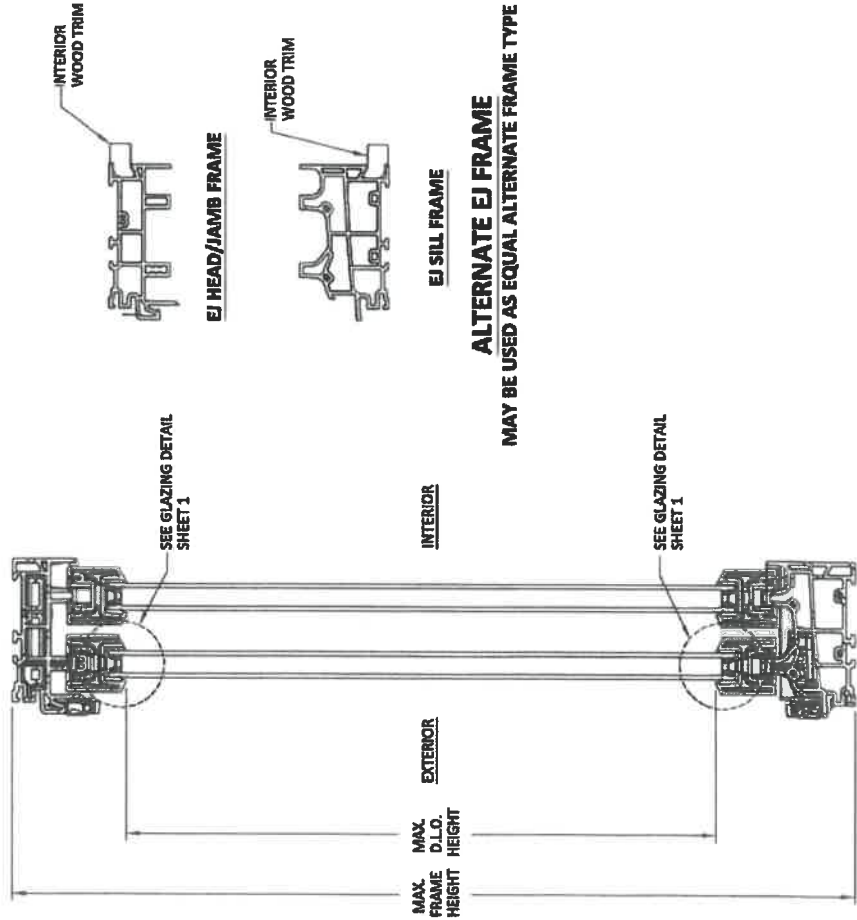
6

OF 9



B VERTICAL SECTION
NAIL FIN INSTALLATION

NAIL FIN/FLANGE IS REVERSIBLE. SEE ORIENTATION DIFFERENCE BETWEEN HEAD AND SILL.



ALTERNATE EJ FRAME
MAY BE USED AS EQUAL ALTERNATE FRAME TYPE

A VERTICAL SECTION
THROUGH FRAME AND THROUGH CLIP INSTALLATION

OF 9

A HORIZONTAL SECTION

D HORIZONTAL SECTION



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ANCHOR DETAILS
(NON-HVHZ)
RENEWAL SERIES GLIDING
WINDOW (NON-IMPACT)

TITLE:

REMARKS

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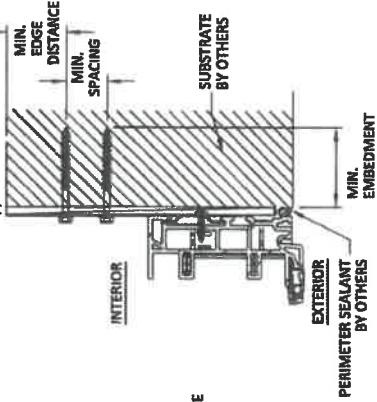


FL #:
FL19563
DATE: 11.07.18
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SCALE: NTS
DWG. #: AWD243
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OF 9

1/4" MAX.
SHIM SPACE



NOTE:
HEAD & SILL DETAIL SIMILAR.

HORIZONTAL SECTION C 8

SASH REINFORCEMENT REQUIREMENTS	
SIZE	REINFORCING
UNIT HEIGHT $\geq 54"$	REQUIRES STEEL REINFORCEMENT IN ACTIVE AND PASSIVE OR STATIONARY SASH MEETING STILES
UNIT HEIGHT $< 54"$	NOT REQUIRED

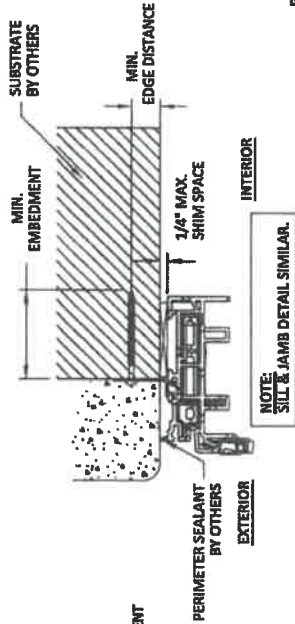
INSTALLATION CLIP ANCHOR REQUIREMENTS:

WOOD SUBSTRATE: USE TWO #8 PAN HEAD WOOD SCREWS PER CLIP, IN ROW NUMBER ONE OF PREDRILLED HOLES SHOWN BELOW.

METAL SUBSTRATE: USE TWO #8 HHW SMS ANCHORS PER CLIP, IN ROW NUMBER ONE OF PREDRILLED HOLES SHOWN BELOW.

CONCRETE/MASONRY: USE TWO 3/4" DIA. TAPCON ANCHORS, WITH ONE ANCHOR PLACED IN ROW NUMBER ONE AND ONE ANCHOR PLACED IN ROW NUMBER TWO OF PREDRILLED HOLES SHOWN BELOW. ANCHORS MUST BE PLACED DIAGONALLY ACROSS THE CLIP.

DO NOT INSTALL ANCHORS THROUGH ROW NUMBER THREE.



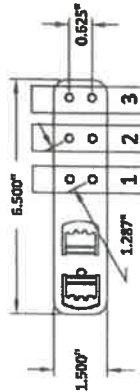
NOTE:
SILL & JAMB DETAIL SIMILAR.

VERTICAL SECTION B 8

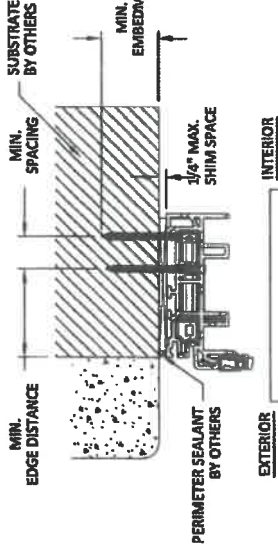
NAIL FIN (HEAD)



PASSIVE/STATIONARY SASH MEETING STILE REINFORCEMENT DETAIL



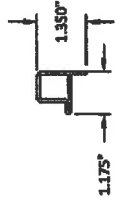
INSTALLATION CLIP DETAIL



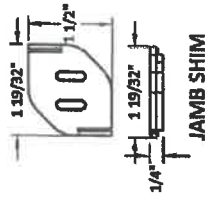
NOTE:
SILL & JAMB DETAIL SIMILAR.

VERTICAL SECTION A 8

THROUGH FRAME (HEAD)



ACTIVE SASH MEETING STILE REINFORCEMENT DETAIL



INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION, UNLESS OTHERWISE SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIMS). MAXIMUM ALLOWABLE SHIM STACK TO BE $1/4$ INCH. SHIM WHERE SPACE OF $1/16$ INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5. FOR MASONRY OR CONCRETE OPENINGS, A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #8 ON SHEET 1 FOR MORE INFORMATION.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
8. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
9. INSTALLATION ANCHORS 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 BY THE ANCHOR MANUFACTURER.

ANCHOR SCHEDULE

METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW FLAT HEAD	1.5"	0.75"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#10 TEK SCREW FLAT HEAD	3 THREADS MIN PENETRATION BEYOND METAL	0.5"
THROUGH FRAME THROUGH CLIP	CONCRETE: MIN. Fc=3000PSI	3/16" ITW TAPCON FLATHEAD	1.25"	2.5
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON FLATHEAD	1"	2.25
NAIL FIN & THROUGH CLIP	WOOD: MIN. SG = 0.55	#8 WOOD SCREW FLAT HEAD	1.5"	0.75"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#8 TEK SCREW FLAT HEAD	3 THREADS MIN PENETRATION BEYOND METAL	0.5"



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RENEWAL SERIES GUIDING
WINDOW (NON-IMPACT)
(NON-HVHZ)
INSTALLATION NOTES &
ANCHOR SCHEDULE

PREPARED BY:
BUILDING DROPS, INC.
200 E. GAYLA BEACH BLVD, STE. 308
P.O. BOX 400
P.O. BOX 400
P.O. BOX 400
P.O. BOX 400



REMARKS

BY DATE

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 Application Detail

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FL #	FL11244-R15												
Application Type	Revision												
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)	<table><tr><td><u>Standard</u></td><td><u>Year</u></td></tr><tr><td>ASTM E1886</td><td>2019</td></tr><tr><td>ASTM E1996</td><td>2020</td></tr><tr><td>ASTM E330</td><td>2014</td></tr><tr><td>TAS 202</td><td>1994</td></tr></table>			<u>Standard</u>	<u>Year</u>	ASTM E1886	2019	ASTM E1996	2020	ASTM E330	2014	TAS 202	1994
<u>Standard</u>	<u>Year</u>												
ASTM E1886	2019												
ASTM E1996	2020												
ASTM E330	2014												
TAS 202	1994												
Equivalence of Product Standards													
Certified By	Florida Licensed Professional Engineer or Architect FL11244_R15_Equiv_FL11244 ASTM EQ Rev A.pdf												

Product Approval Method

Method 1 Option A

Date Submitted 12/21/2023
 Date Validated 12/21/2023
 Date Pending FBC Approval
 Date Approved 12/30/2023

Summary of Products

FL #	Model, Number or Name	Description
11244.1	6'8 Heritage Fiberglass Glazed IS/OS Door	6'8 Heritage Fiberglass Glazed IS/OS Door - Non-Impact
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: FOR RATINGS REFER TO CERTIFICATE AND INSTALLATION INSTRUCTIONS.		Certification Agency Certificate FL11244 R15 C CAC 11244.1 NI010709.03-R6.pdf Quality Assurance Contract Expiration Date 12/31/2026 Installation Instructions FL11244 R15 II 08-01356H.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL11244 R15 AE 511973I.pdf Created by Independent Third Party: Yes
11244.2	6'8 Heritage Fiberglass Opaque IS/OS Door	6'8 Heritage Fiberglass Opaque IS/OS Door - Non-Impact
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: FOR RATINGS REFER TO CERTIFICATE AND INSTALLATION INSTRUCTIONS.		Certification Agency Certificate FL11244 R15 C CAC 11244.2 NI010709.16-R5.pdf FL11244 R15 C CAC 11244.2 NI010709.17-R5.pdf Quality Assurance Contract Expiration Date 12/31/2026 Installation Instructions FL11244 R15 II 08-01360F.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL11244 R15 AE 511977G.pdf Created by Independent Third Party: Yes
11244.3	6'8 Heritage Fiberglass Opaque IS/OS Door	6'8 Heritage Fiberglass Opaque IS/OS Door - LMI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: FOR RATINGS REFER TO CERTIFICATE AND INSTALLATION INSTRUCTIONS.		Certification Agency Certificate FL11244 R15 C CAC 11244.3 NI010709.10-R4.pdf FL11244 R15 C CAC 11244.3 NI010709.11-R4.pdf Quality Assurance Contract Expiration Date 12/31/2026 Installation Instructions FL11244 R15 II 08-01362F.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL11244 R15 AE 511979G.pdf Created by Independent Third Party: Yes
11244.4	8'0 Heritage Fiberglass Glazed IS/OS Door	8'0 Heritage Fiberglass Glazed IS/OS Door - Non-Impact
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: FOR RATINGS REFER TO CERTIFICATE AND INSTALLATION INSTRUCTIONS.		Certification Agency Certificate FL11244 R15 C CAC 11244.4 NI010709.04-R5.pdf Quality Assurance Contract Expiration Date 12/31/2026 Installation Instructions FL11244 R15 II 08-01357H.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL11244 R15 AE 511974I.pdf Created by Independent Third Party: Yes
11244.5	8'0 Heritage Fiberglass Opaque IS/OS Door	8'0 Heritage Fiberglass Opaque IS/OS Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A		Certification Agency Certificate FL11244 R15 C CAC 11244.5 NI010709.19-R5.pdf FL11244 R15 C CAC 11244.5 NI010709.20-R5.pdf FL11244 R15 C CAC 11244.5 NI010709.23-R3.pdf FL11244 R15 C CAC 11244.5 NI010709.24-R3.pdf

Other: FOR RATINGS REFER TO CERTIFICATE AND INSTALLATION INSTRUCTIONS.		Quality Assurance Contract Expiration Date 12/31/2026 Installation Instructions FL11244_R15_II_08-01361F.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL11244_R15_AE_511978G.pdf Created by Independent Third Party: Yes
11244.6	8'0 Heritage Fiberglass Opaque IS/OS Door	8'0 Heritage Fiberglass Opaque IS/OS Door - LMI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: FOR RATINGS REFER TO CERTIFICATE AND INSTALLATION INSTRUCTIONS.		Certification Agency Certificate FL11244_R15_C_CAC_11244.6_NI010709.13-R4.pdf FL11244_R15_C_CAC_11244.6_NI010709.14-R4.pdf FL11244_R15_C_CAC_11244.6_NI010709.21-R2.pdf FL11244_R15_C_CAC_11244.6_NI010709.22-R2.pdf Quality Assurance Contract Expiration Date 12/31/2026 Installation Instructions FL11244_R15_II_08-01363F.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL11244_R15_AE_511980H.pdf Created by Independent Third Party: Yes

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Product Approval Accepts:



Credit Card
Safe

securityMETRICS

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. 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.
3. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" WINDOW UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.
4. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. WINDOW UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
5. 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.
6. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
10. FRAME MATERIAL: WOOD WITH G=46 MINIMUM SPECIFIC GRAVITY OR FRAMESAVER OR FUSION FRAME.
11. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #10 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.
16. ALL FASTENERS TO BE CORROSION RESISTANT.
17. INSTALLATION ANCHORS 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:
17.1. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
17.2. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
17.3. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
- 17.4. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 .048" THICK MINIMUM

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3	ANCHORING LAYOUTS
4 - 29	INSTALLATION DETAILS
30 - 32	COMPONENTS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.

SIGNED: 11/27/2023

PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
NOTES

DRAWN:
V.L.

DWG NO.
08-01356

DATE
10/03/11

REV
H

SCALE
NTS

SHEET 1 OF 32

L. ROBERTO LOMAS P.E.
208 7th Ave. INDIANAPOLIS, IN 46203
434-688-0669 rlomas@lbtomaspe.com



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



35 3/4" X 79 1/4" PANELS SHOWN. OTHER PANEL SIZES ARE APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 19.67 FT²

J. (3) 4" X 4" SPRING BOMMER HINGES BY PENROD

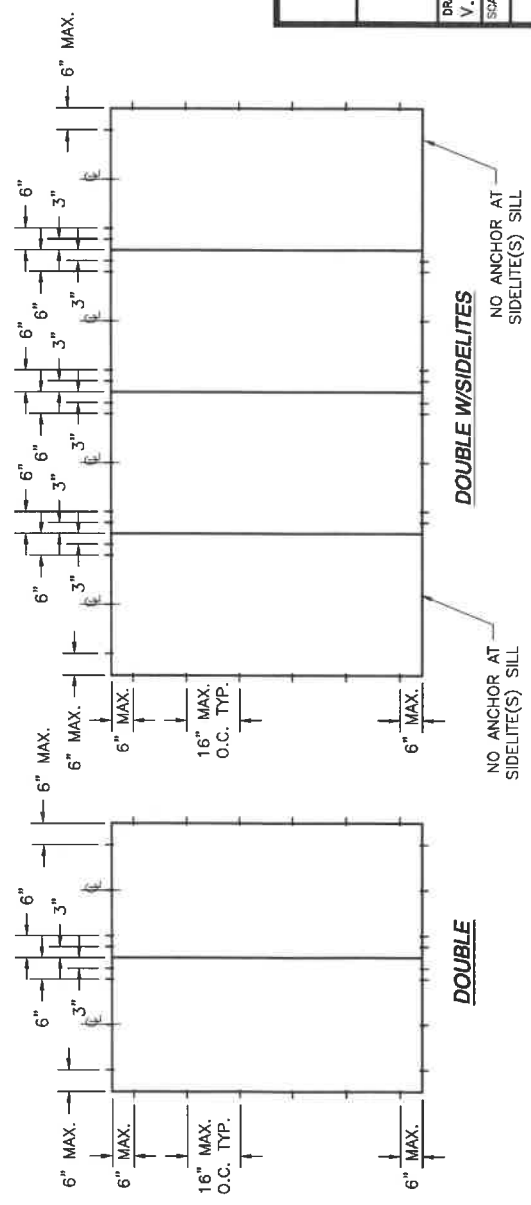
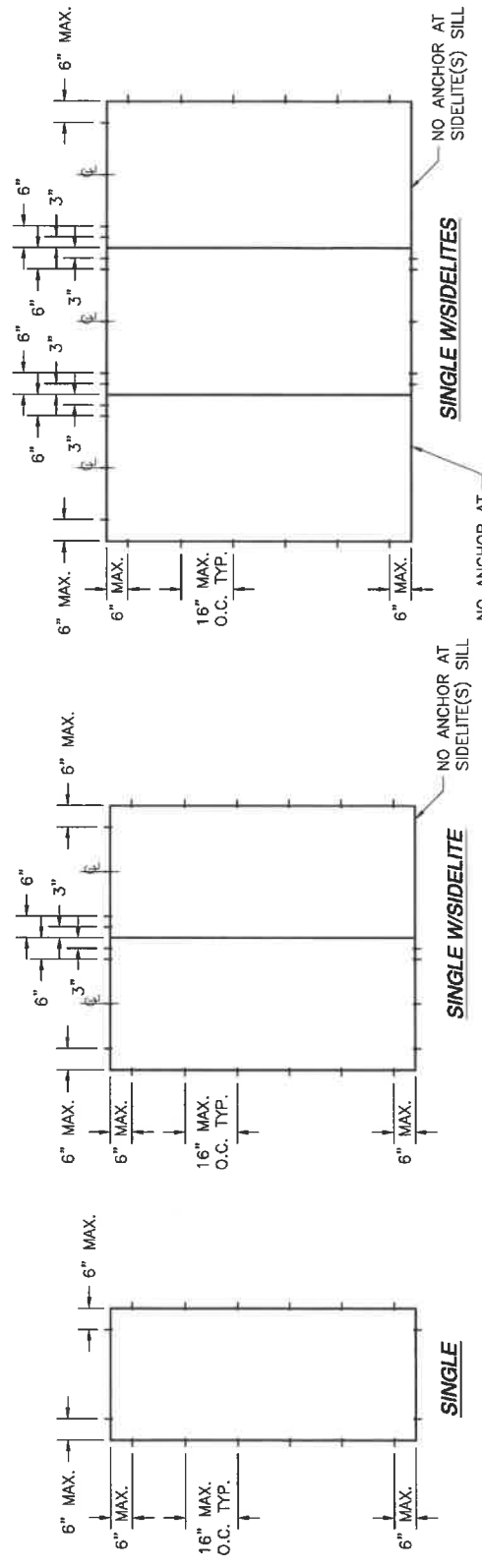
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2. FOR LIFE OPTIONS SEE SHEET 29

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



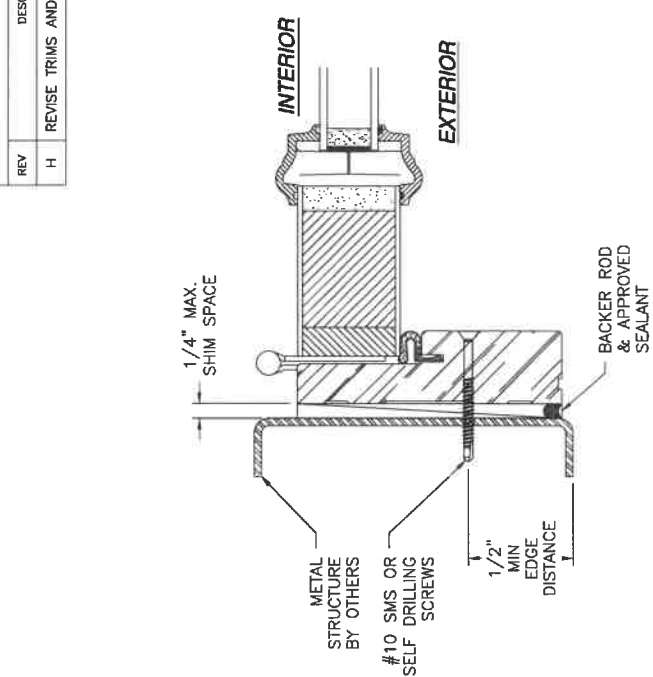
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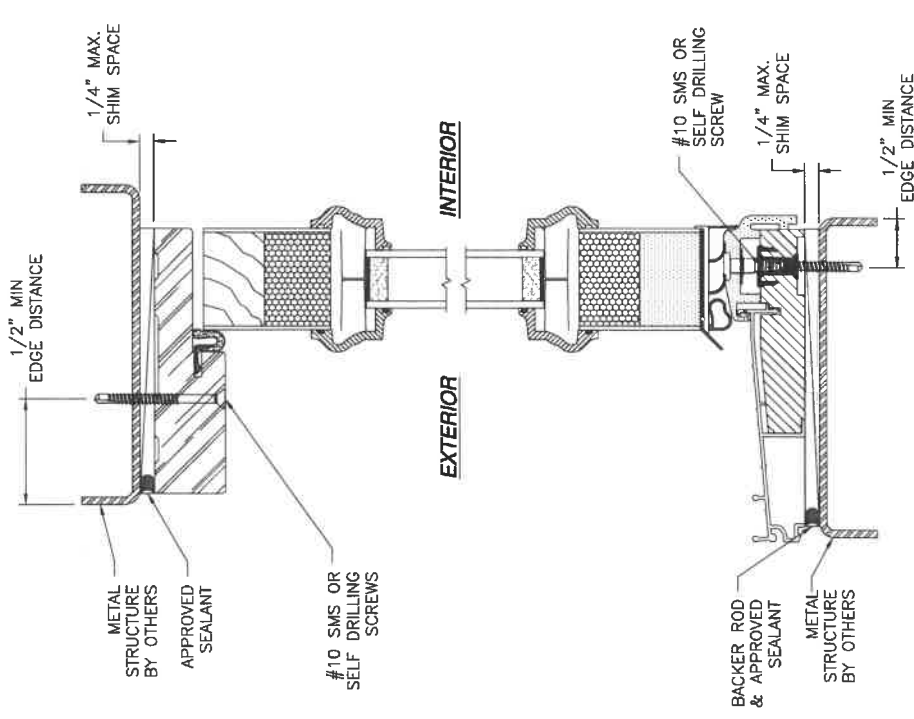
Luis R. Lomas P.E.
FL No.: 62514

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681	
6"8 HERITAGE FIBERGLASS GLAZED IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES ANCHORING LAYOUTS	
DRAWN: V.L.	DATE: 10/03/11 SCALE: NTS
DWG NO.: 08-01356	REV: H SHEET 3 OF 32
L. ROBERTO LOMAS P.E. 208 7th Ave. INDIANLANTIC, FL 32903 434-688-0609 rdomas@rlomaspe.com	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

- 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

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
IS DOOR INSTALLATION DETAILS

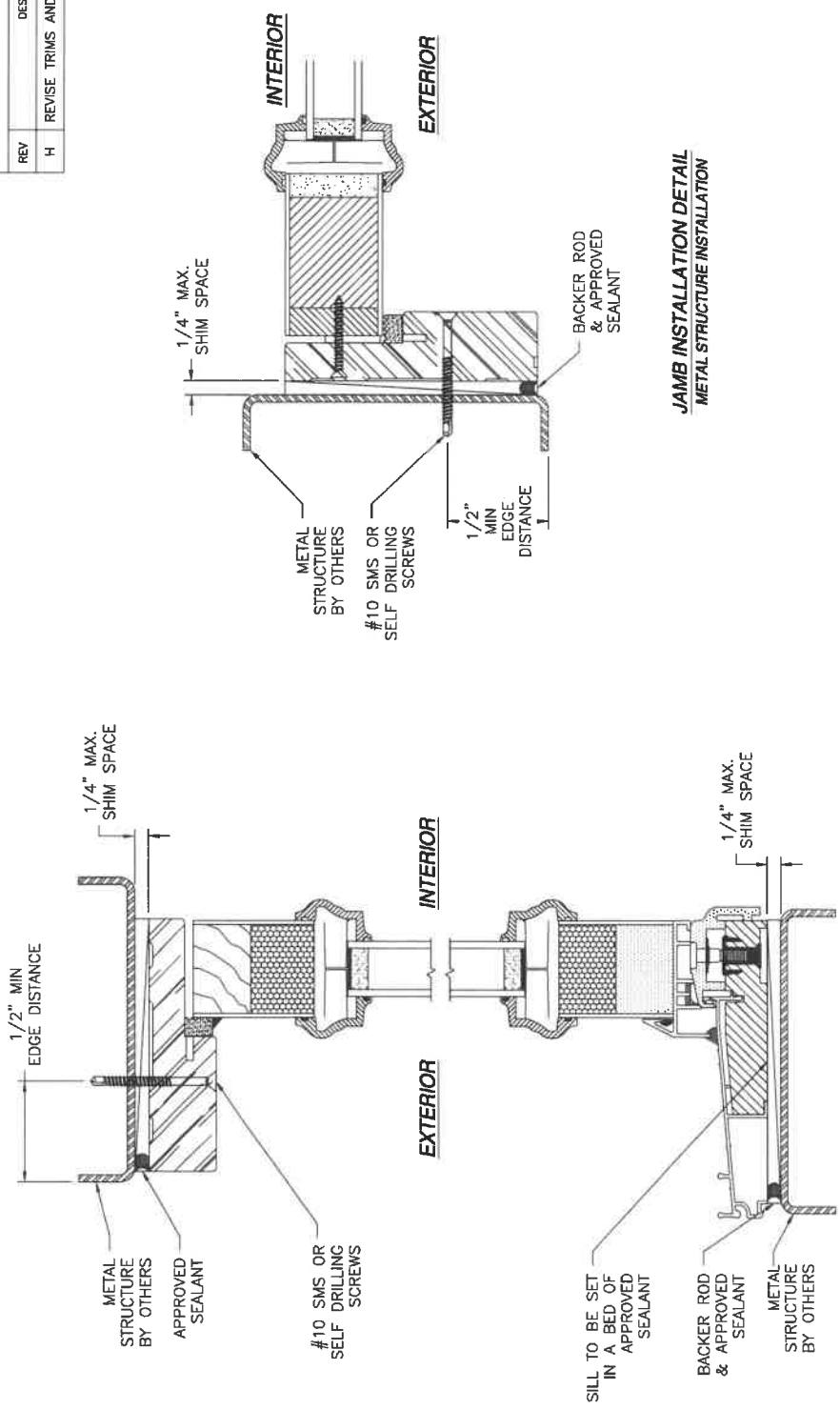
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SCALE NTS	DATE 10/03/11	SHEET 5 OF 32

SIGNED: 11/27/2023



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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SIGNED: 11/27/2023

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
IS SIDELITE INSTALLATION DETAILS

DRAWN: V.L.

DATE: 10/03/11

SCALE: NTS

DWG NO. 08-01356

SHEET B OF 32

REV H

L. ROBERTO LOMAS P.E.

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FLORIDA PROFESSIONAL ENGINEER

STATE OF FLORIDA

No. 82514

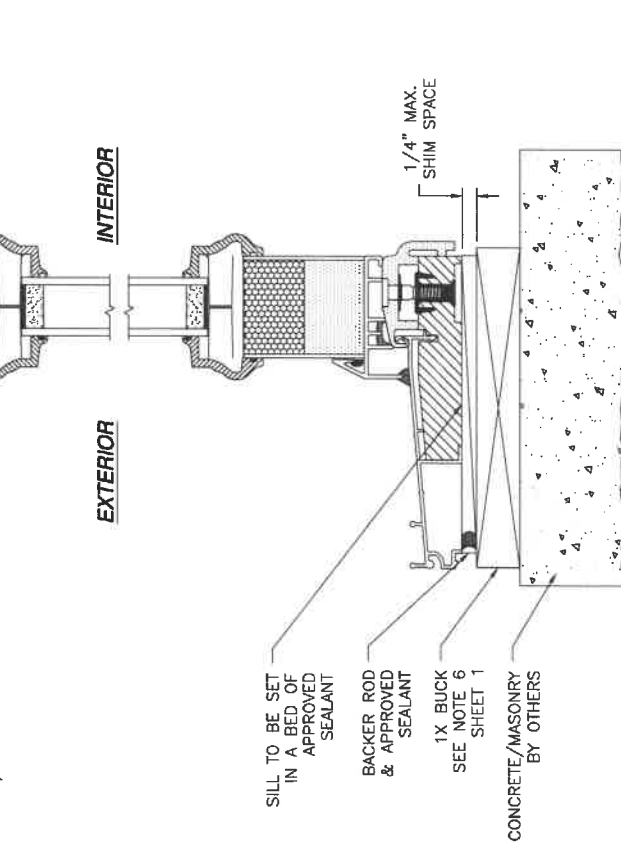
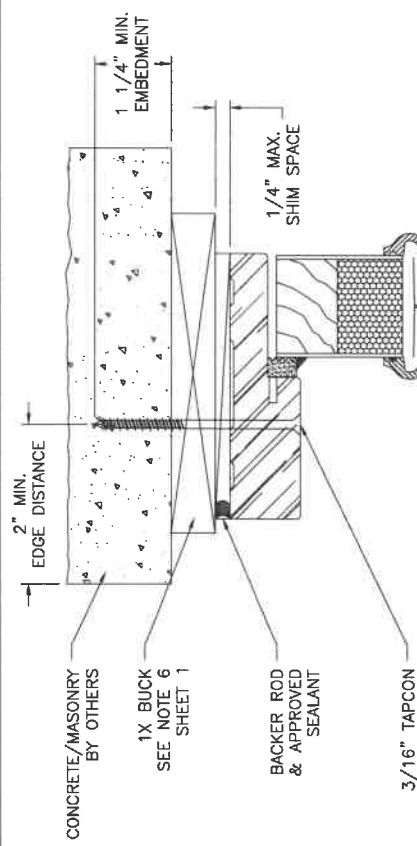
LUIS R. LOMAS

REGISTERED PROFESSIONAL ENGINEER

Luis R. Lomas P.E.

FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL

JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 11/27/2023

PROVIA, LLC.
 2150 STATE ROUTE 39 WEST
 SUGARCREEK, OH 44681

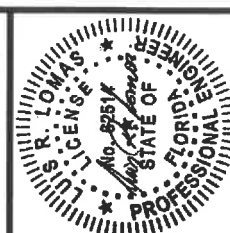
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 DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
 IS SIDELITE INSTALLATION DETAILS

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 DATE: 10/03/11
 SCALE: NTS

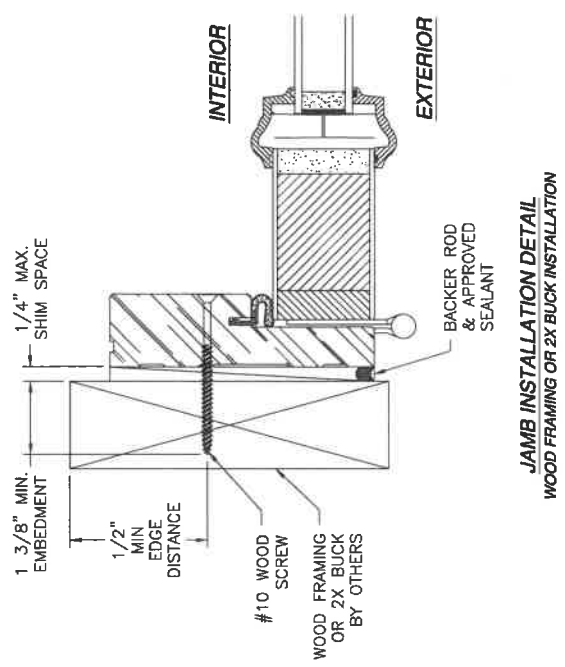
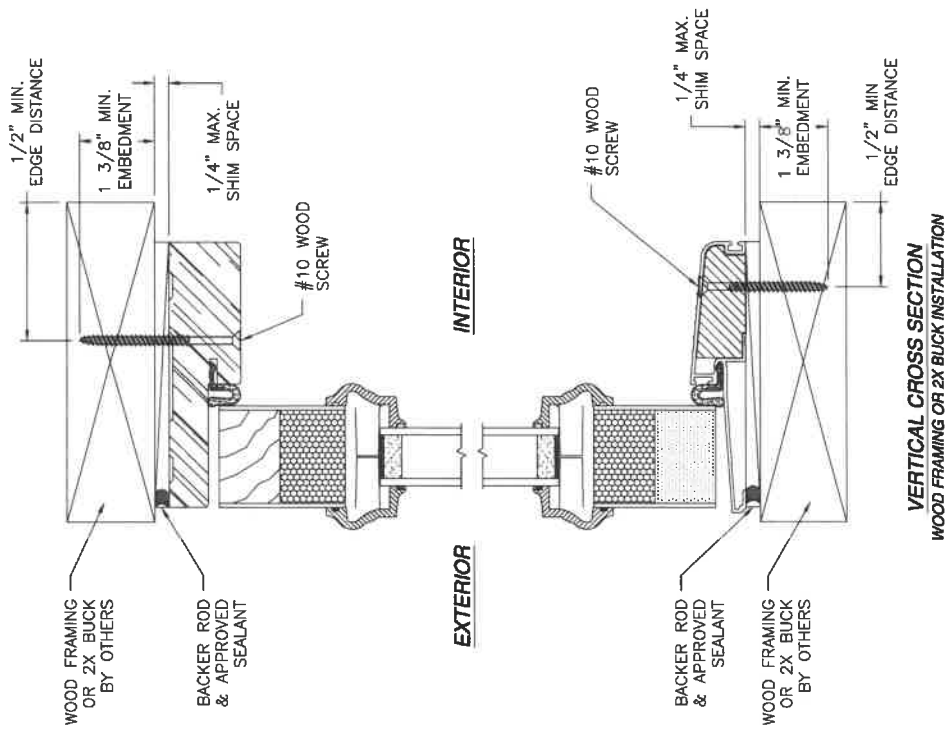
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 SHEET: 9 OF 32
 DWG NO.: 08-01356

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 208 7th Ave, INDIANLANTIC, FL 32903
 434-688-0609 rlomas@lomaspe.com

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

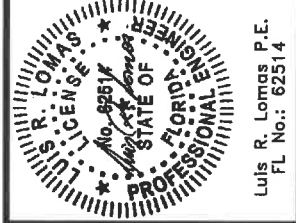


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

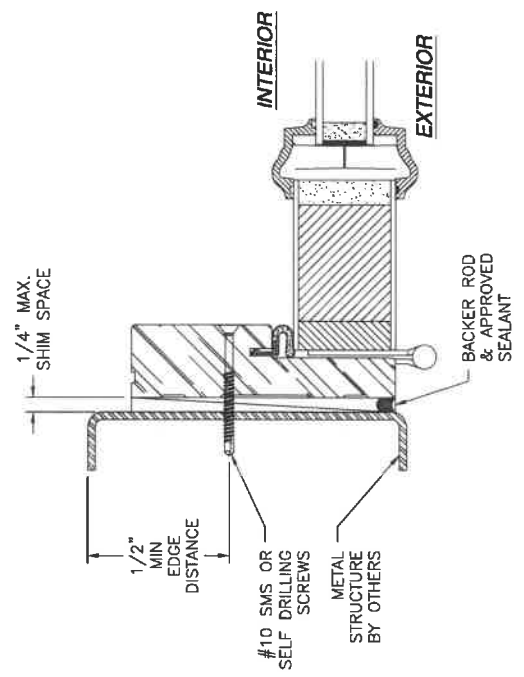
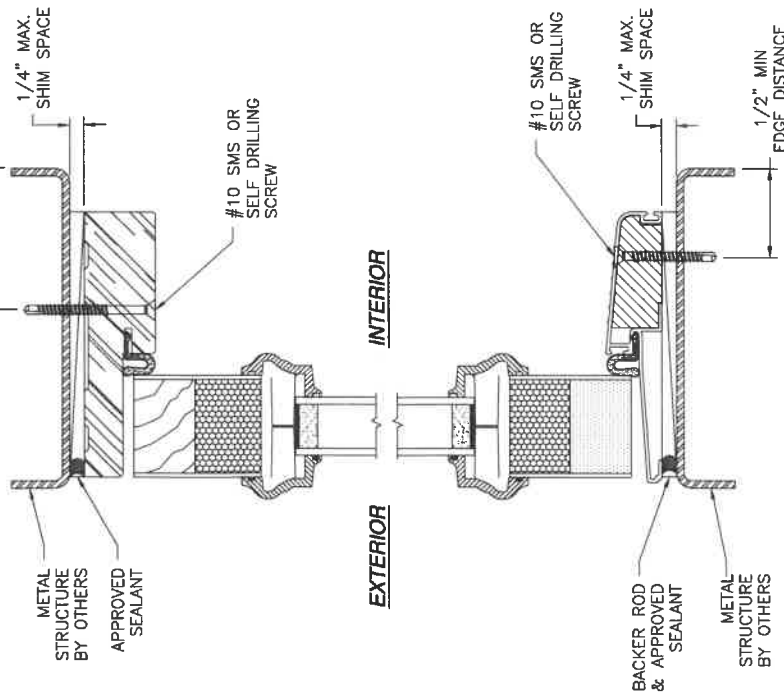
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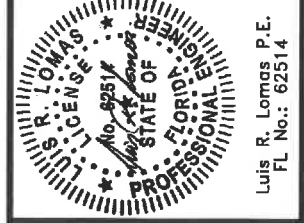
PROVIA, LLC.		2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681	
6'8 HERITAGE FIBERGLASS GLAZED IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES OS DOOR INSTALLATION DETAILS			
DRAWN: V.L.	DWG NO. 08-01356	REV H	
SCALE NTS	DATE 10/03/11	SHEET 10 OF 32	
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANAPOLIS, IN 46203 434-688-0609 rlomas@lomaspe.com			

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



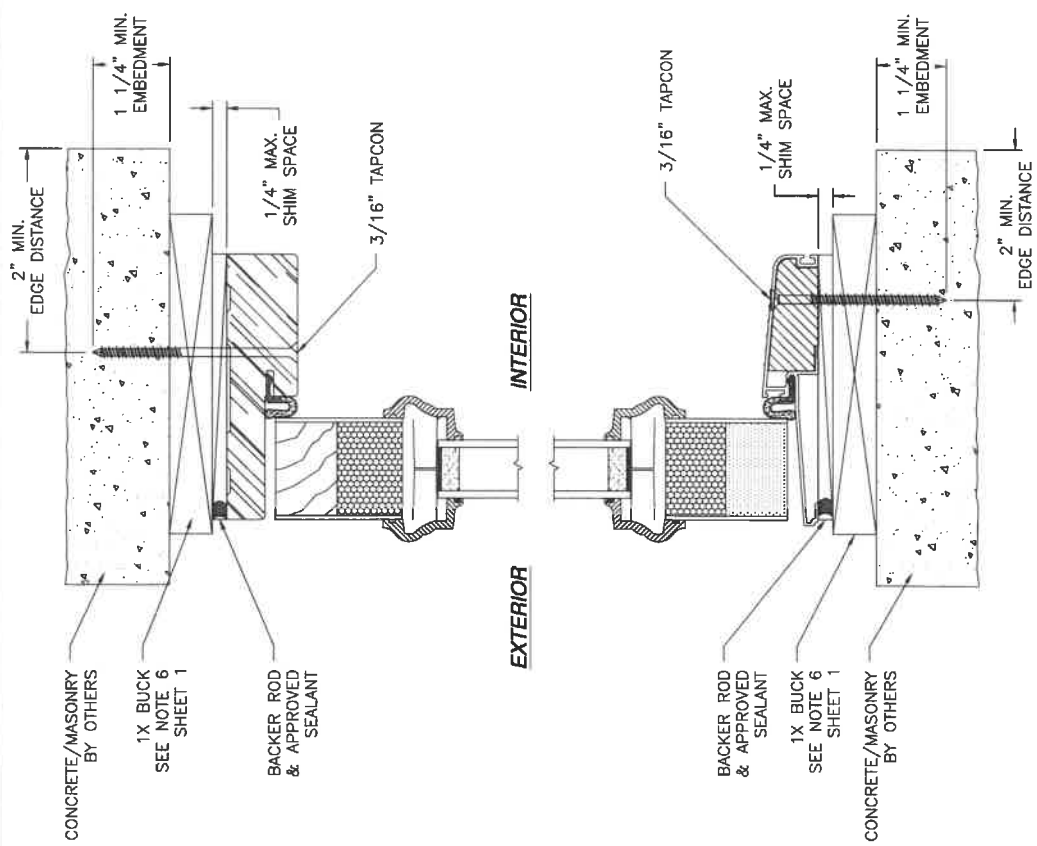
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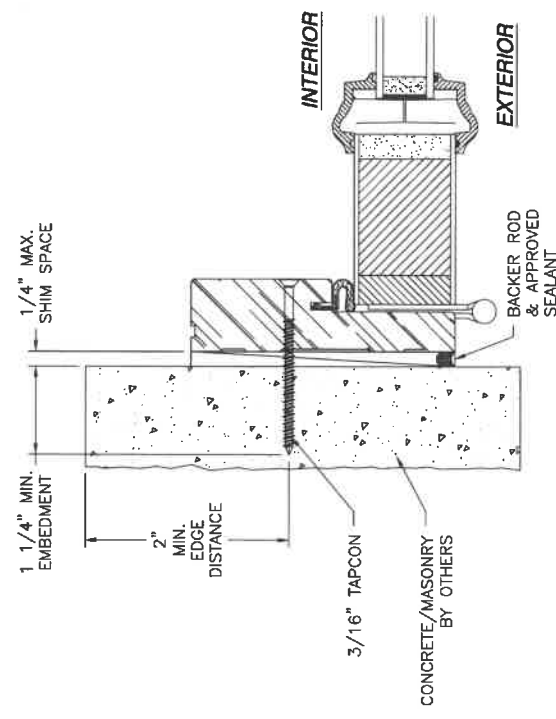
PROVIA, LLC.		2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681	
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DATE 10/03/11		DWG NO. 08-01356	
SCALE NTS		REV H	
SHEET 11 OF 32		L. ROBERTO LOMAS P.E. 208 7th Ave. INDIANAPOLIS, IN 46203 434-685-0609 rlomas@provia.com	

- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

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SIGNED: 11/27/2023

PROVIA, LLC.
 2150 STATE ROUTE 39 WEST
 SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
 DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
 OS DOOR INSTALLATION DETAILS

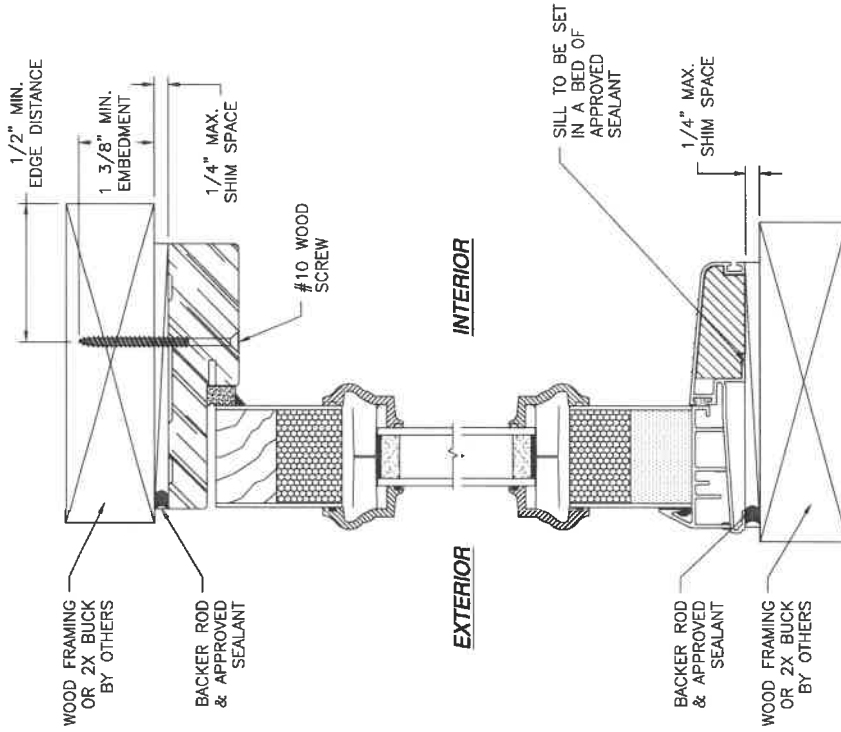
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SCALE NTS DATE 10/03/11 SHEET 12 OF 32

L. ROBERTO LOMAS P.E.
 208 7th Ave, INDIANALANTIC, FL 32503
 434-688-0609 rlomas@rlomaspe.com

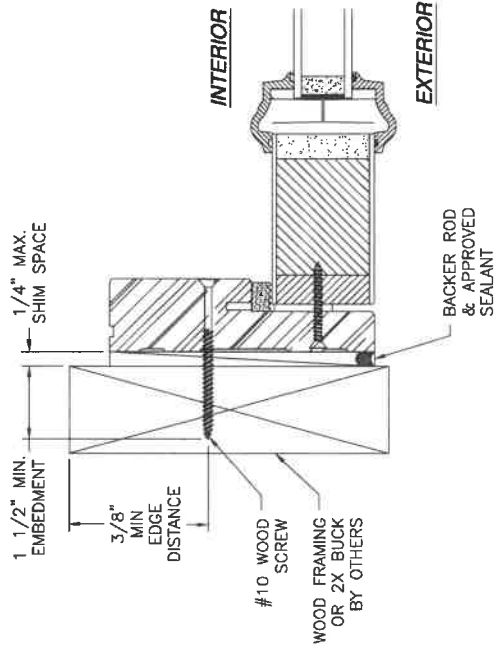
LUIS R. LOMAS
 No. 62514
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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

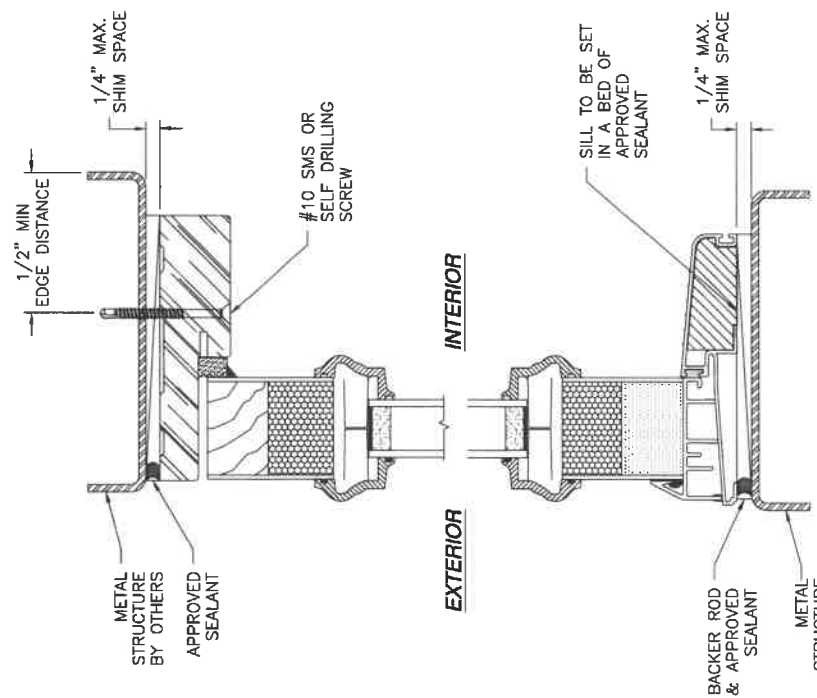


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

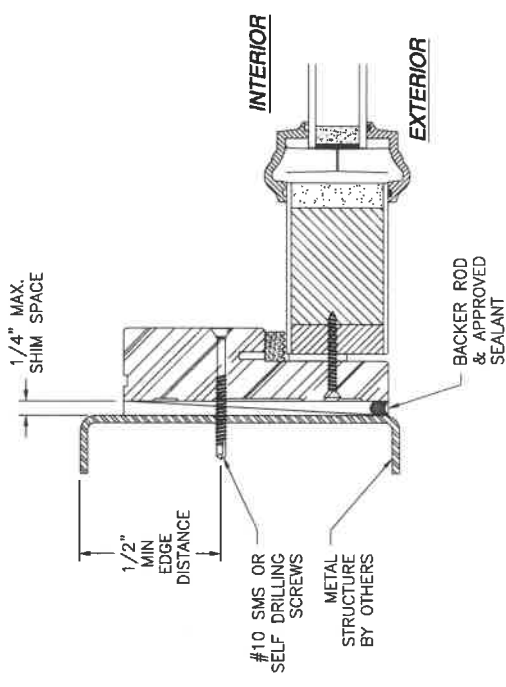
SIGNED: 11/27/2023

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			Luis R. Lomas P.E. FL No.: 62514	
6'8 HERITAGE FIBERGLASS GLAZED IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES OS SIDELITE INSTALLATION DETAILS				
DRAWN: V.L.	DWG NO. 08-01356	REV H		
SCALE NTS	DATE 10/03/11	SHEET 13 OF 32		
L. ROBERTO LOMAS P.E. 208 7th Ave. INDIANAPOLIS, IN 46203 434-688-0609 rloomas@rlomaspe.com				

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



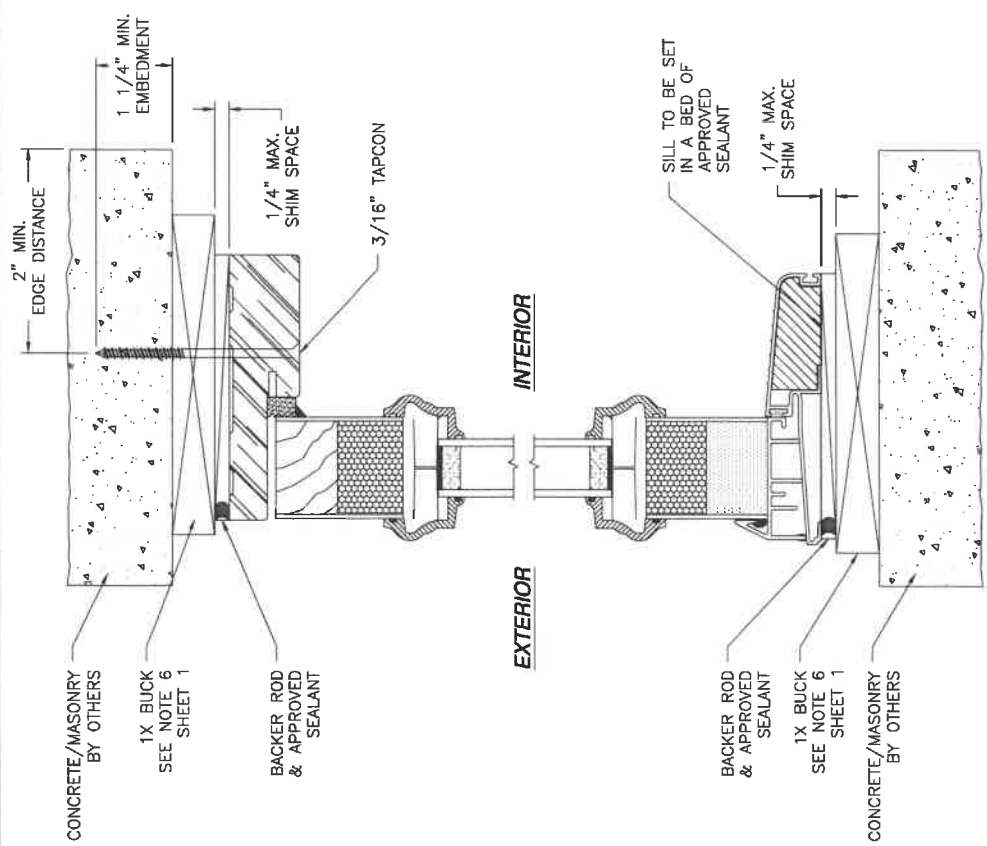
JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

- 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 E2172

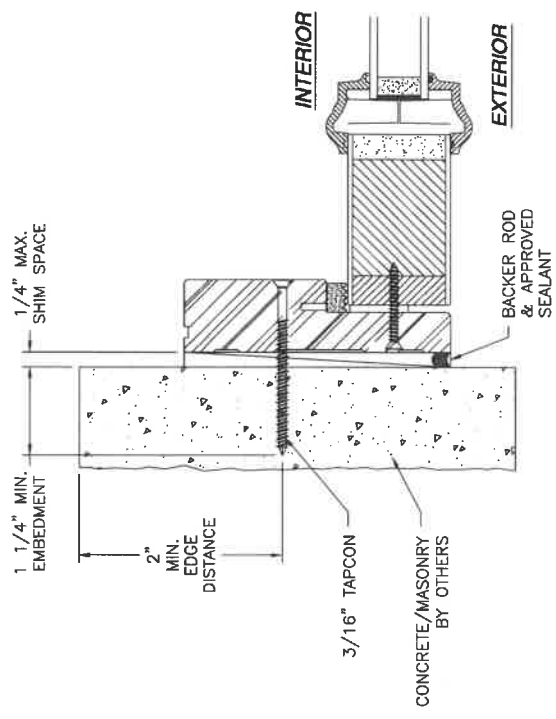
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PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			
6'8 HERITAGE FIBERGLASS GLAZED IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES OS SIDELITE INSTALLATION DETAILS		LUIS R. LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32008 434-688-0639 rlomas@lomaspe.com	
DRAWN: V.L.	DWG NO. 08-01356	DATE 10/03/11	REV H
SCALE NTS	SHEET 14 OF 32		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

- NOTES:**
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SIGNED: 11/27/2023

PROVIA, LLC.
 2150 STATE ROUTE 39 WEST
 SUGARCREEK, OH 44681

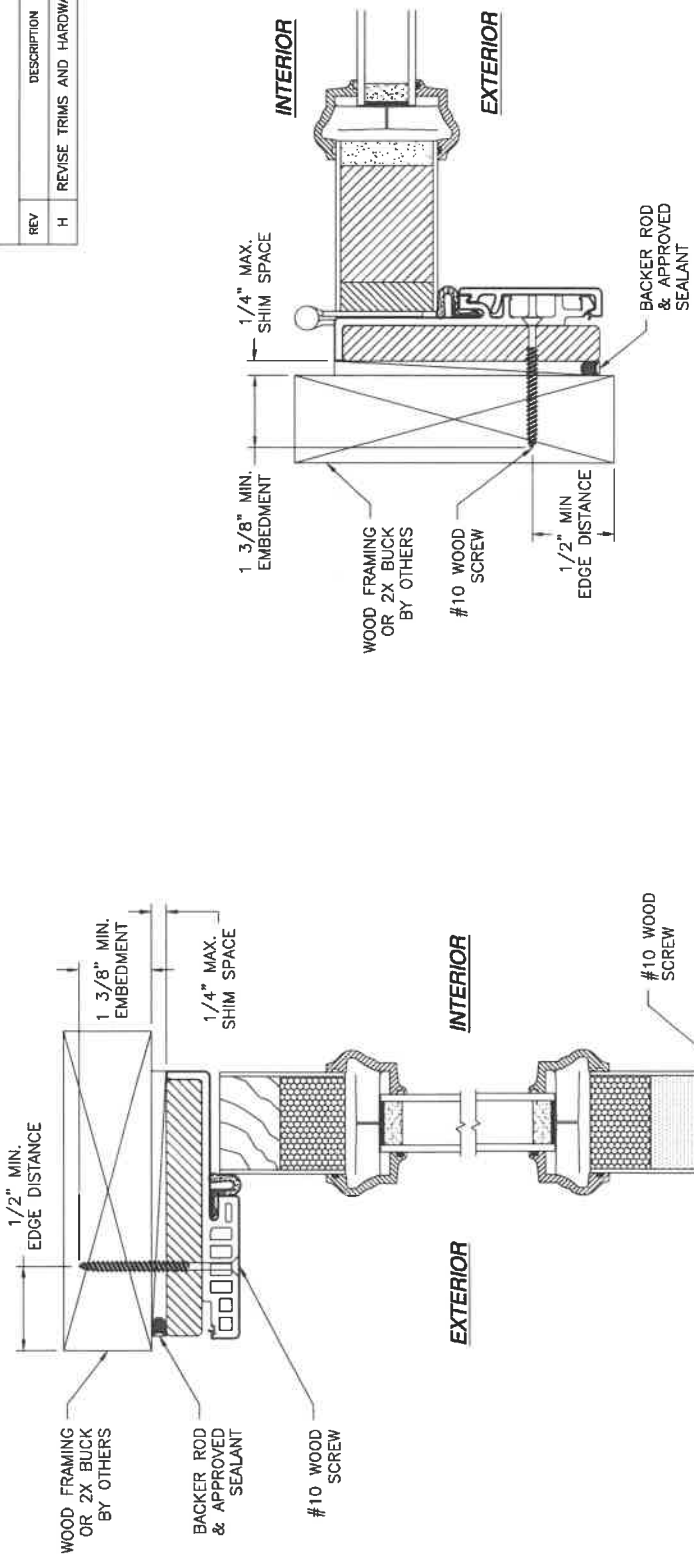
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 DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
 OS SIDELITE INSTALLATION DETAILS

DATE: 10/03/11
 SCALE: NTS
 DWG NO.: 08-01356
 REV: H
 SHEET 15 OF 32

L. ROBERTO LOMAS P.E.
 208 7th Ave, INDIANAPOLIS, IN 46203
 434-688-0609 rloomas@lomaspe.com

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

REVISIONS			
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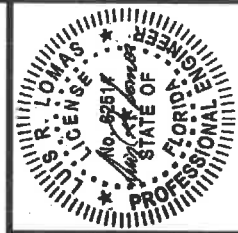


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

- NOTES:
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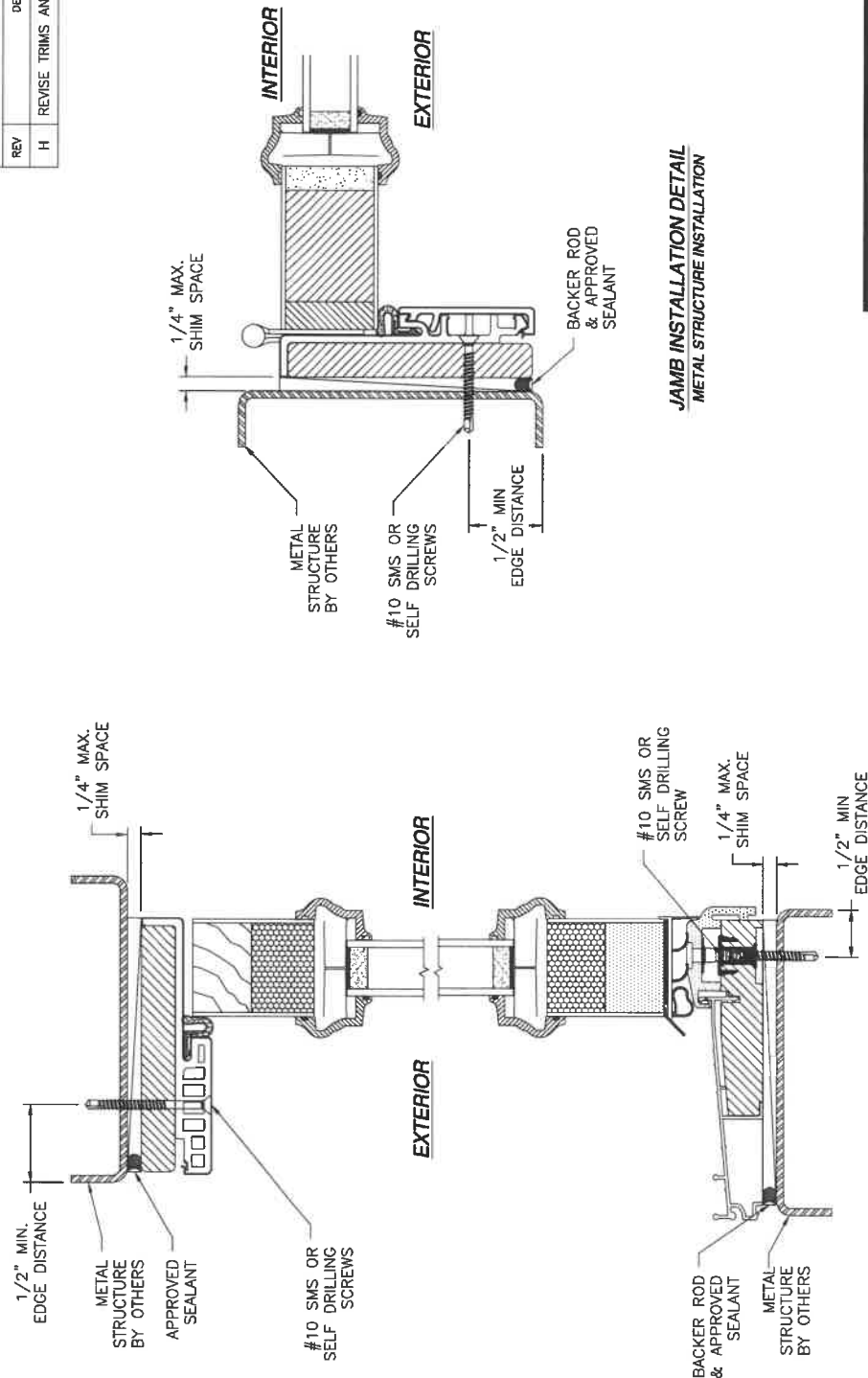
SIGNED: 11/27/2023



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

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681	
6'8" HERITAGE FIBERGLASS GLAZED IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES IS DOOR W/FUSION FRAME INSTALLATION DETAILS	
DRAWN: V.L.	REV H
DWG NO. 08-01356	SHEET 16 OF 32
DATE 10/03/11	SCALE NTS
L. ROBERTO LOMAS P.E. 208 7th Ave. INDIANLANTIC, FL 32903 434-688-0609 rlomas@lomaspe.com	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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SIGNED: 11/27/2023

PROVIA, LLC.

2150 STATE ROUTE 39 WEST

SUGARCREEK, OH 44681

6'8" HERITAGE FIBERGLASS GLAZED IS/OS

DOOR NON-IMPACT WITH OR WITHOUT SIDELITES

IS DOOR W/FUSION FRAME INSTALLATION DETAILS

DRAWN: V.L.

DATE: 10/03/11

SCALE: NTS

REV: H

SHEET: 17 OF 32

DWG NO.: 08-01356

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIANLANTIC, FL 33903

434-689-0603 rloras@rlomaspe.com

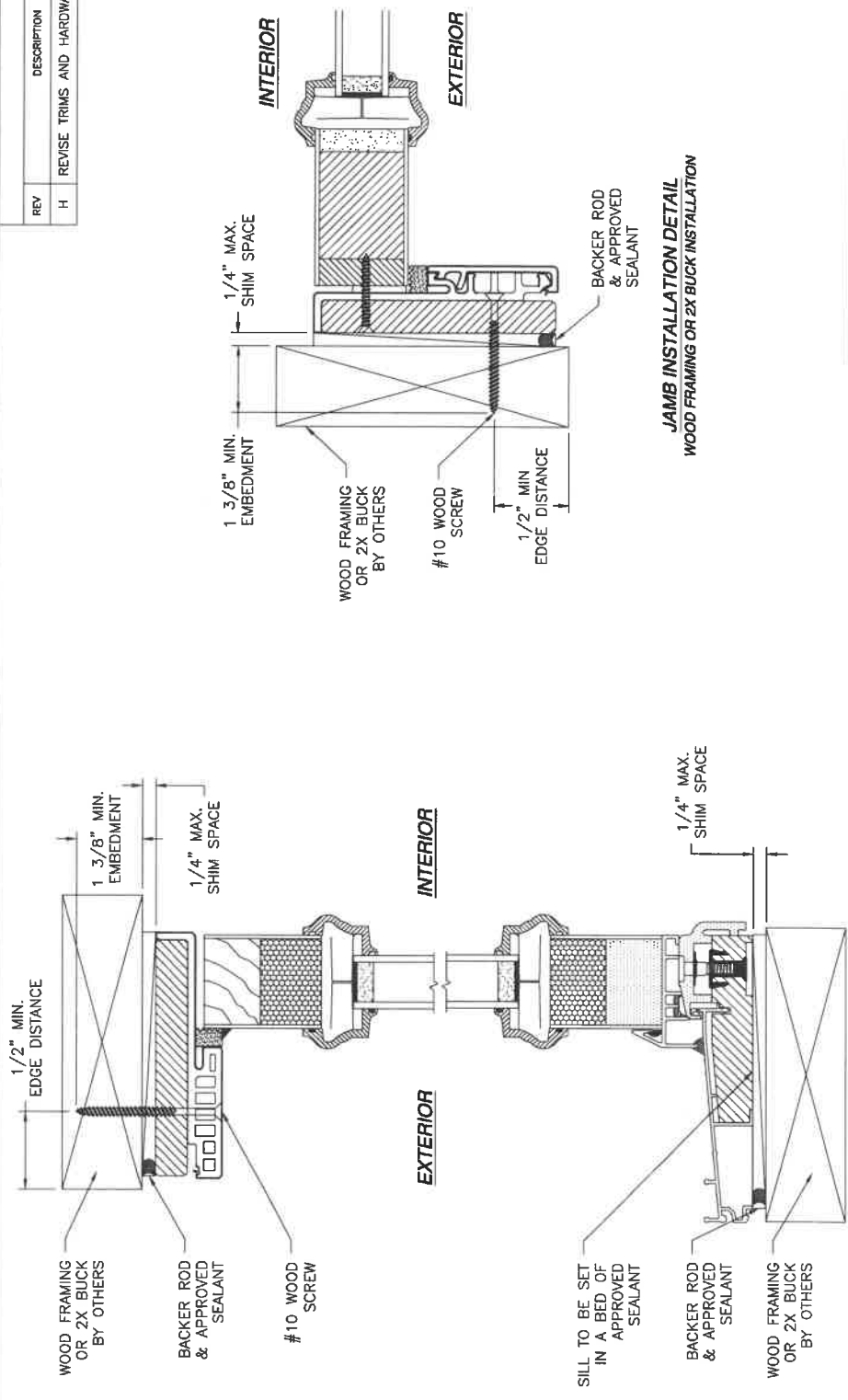
FLORIDA PROFESSIONAL ENGINEER

STATE OF FLORIDA

No. 82514

FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

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

SIGNED: 11/27/2023

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
IS SIDELITE W/FUSION FRAME INSTALLATION DETAILS

DRAWN: V.L.

DATE: 10/03/11

SCALE: NTS

REV: H

SHEET: 19 OF 32

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rlomas@rlomaspe.com

FLORIDA PROFESSIONAL ENGINEER

No. 82514

STATE OF FLORIDA

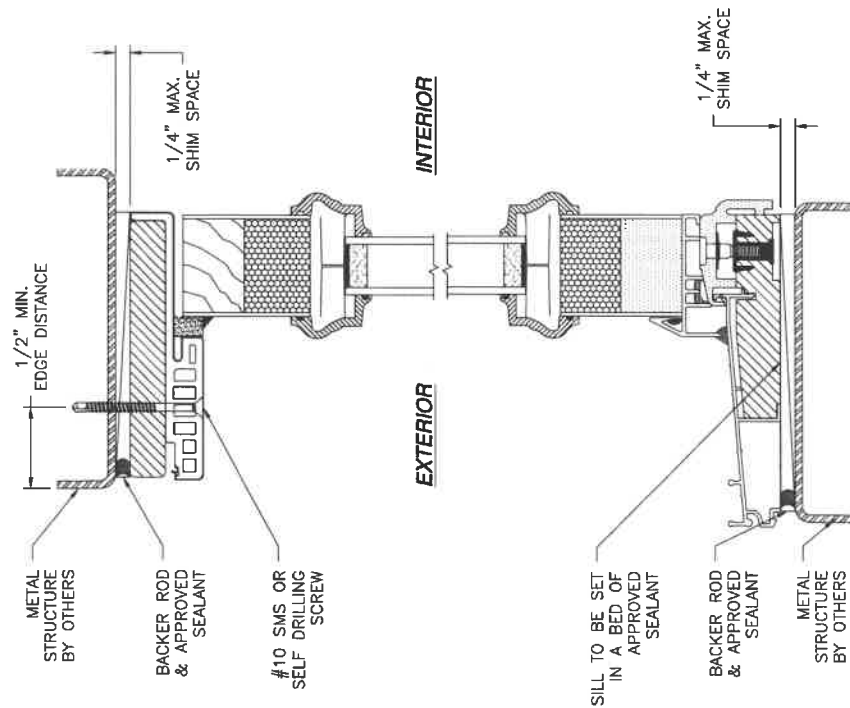
L. R. LOMAS

FLORIDA PROFESSIONAL ENGINEER

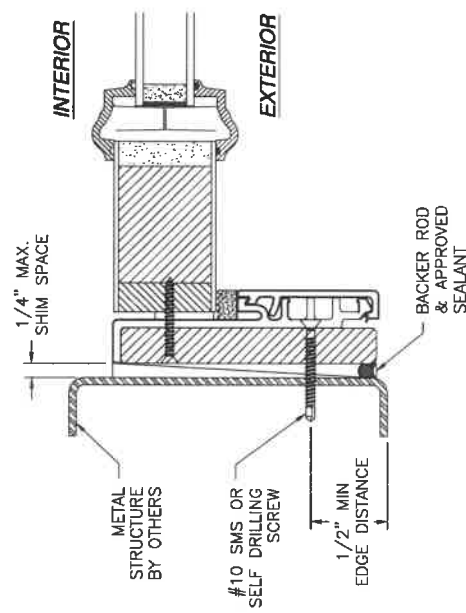
Luis R. Lomas P.E.

FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
IS SIDELITE W/FUSION FRAME INSTALLATION DETAILS

DRAWN: V.L.	DWG NO. 08-01356	REV H
SCALE NTS	DATE 10/03/11	SHEET 20 OF 32

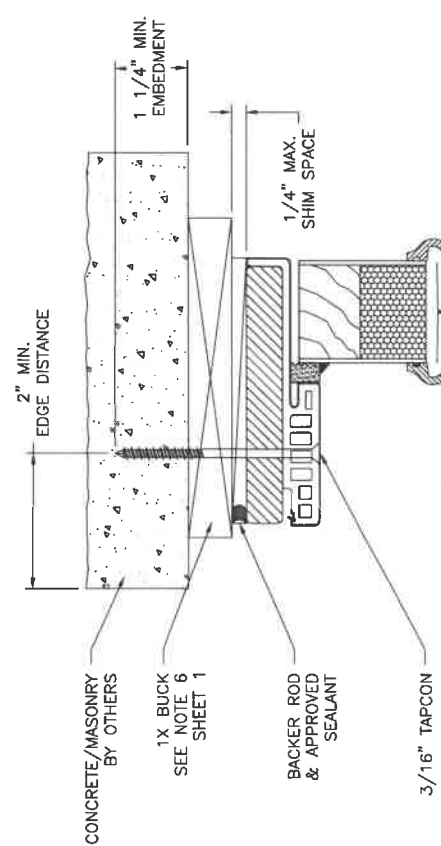
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIANLANTIC, FL 32903
434-688-0809 rlomas@rlomaspe.com

SIGNED: 11/27/2023

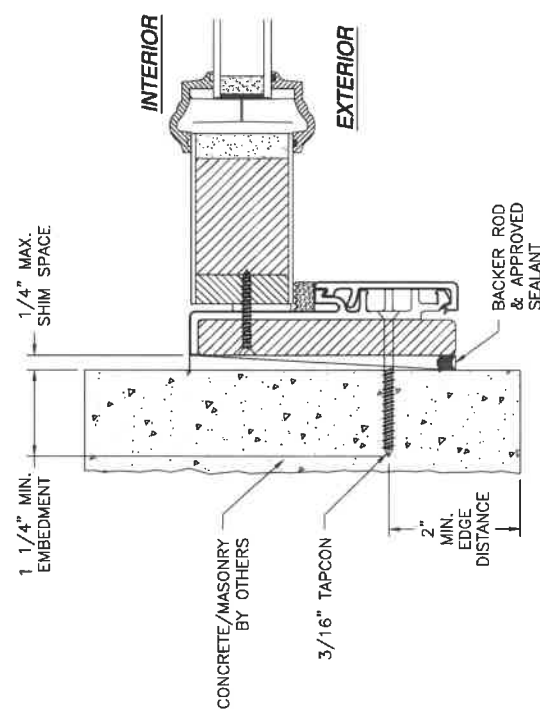


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



VERTICAL CROSS SECTION
CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS

- NOTES:**
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 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 11/27/2023

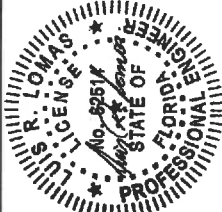
PROVIA, LLC.
 2150 STATE ROUTE 39 WEST
 SUGARCREEK, OH 44681

6"8 HERITAGE FIBERGLASS GLAZED IS/OS
 DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
 IS SIDELITE W/FUSION FRAME INSTALLATION DETAILS

DRAWN: V.L.
 SCALE: NTS
 DATE: 10/03/11
 SHEET 21 OF 32

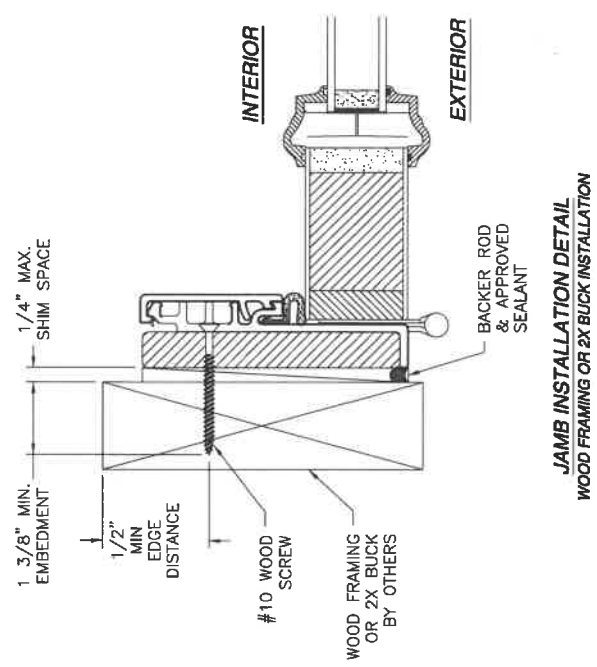
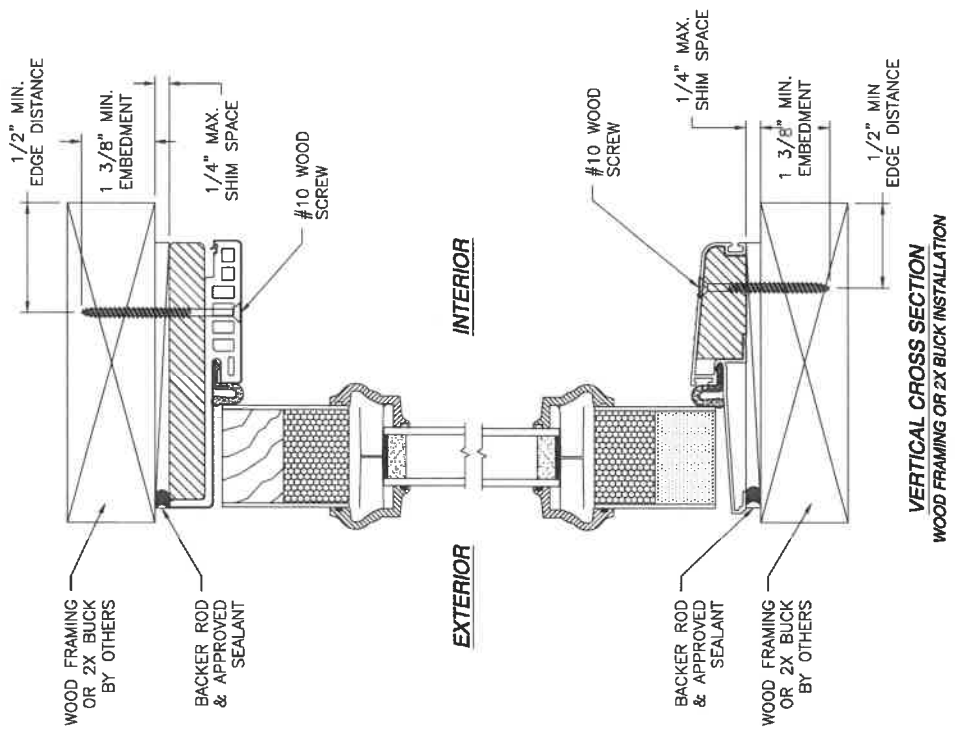
DWG NO.: 08-01356
 REV: H

L. ROBERTO LOMAS P.E.
 208 7th Ave, INDIANLANTIC, FL 32809
 434-888-0509 rlomas@rlomaspe.com

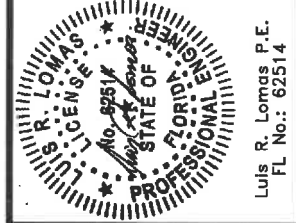


Luis R. Lomas P.E.
 FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



SIGNED: 11/27/2023

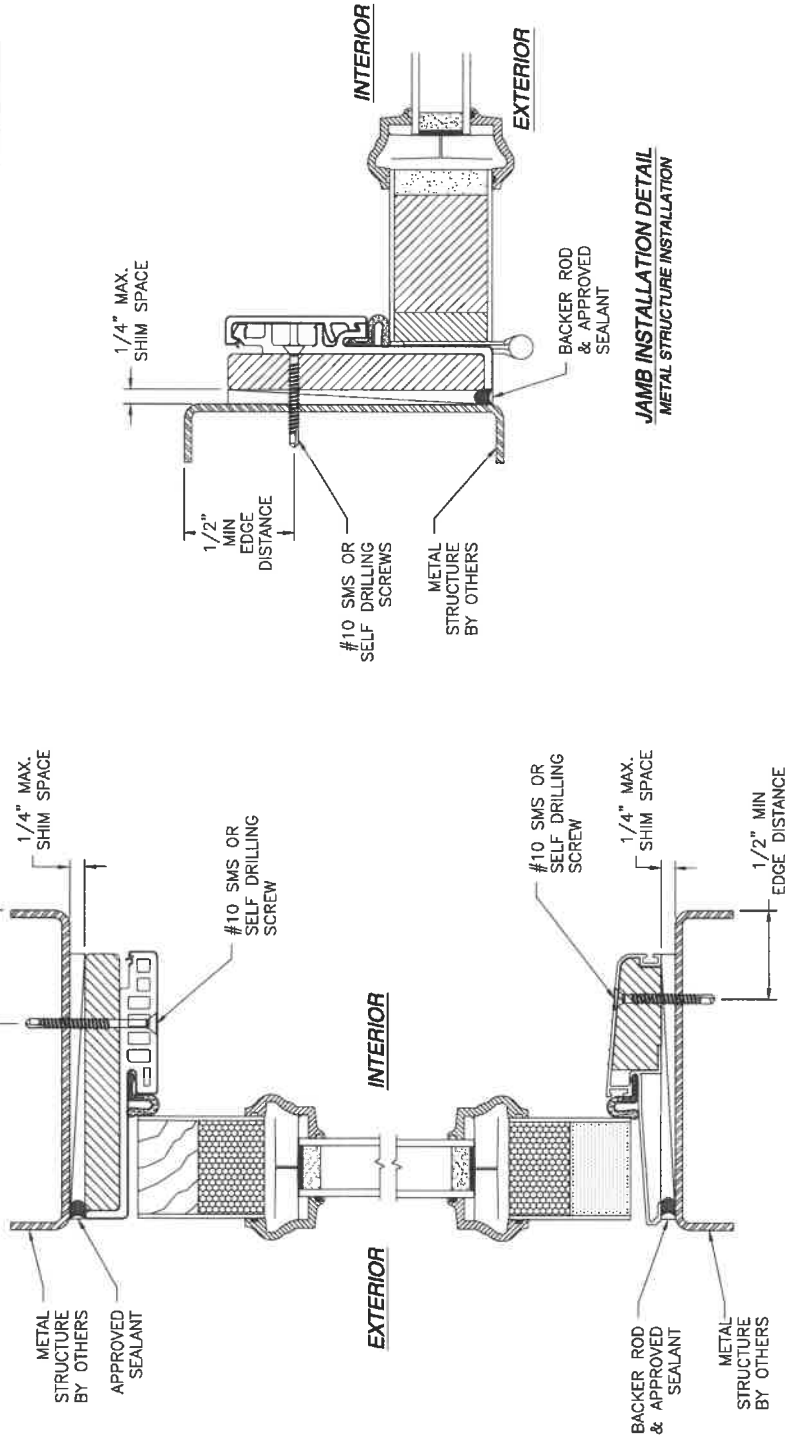


PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		6'8" HERITAGE FIBERGLASS GLAZED IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES OS DOOR W/FUSION FRAME INSTALLATION DETAILS	
DRAWN: V.L.	DWG NO. 08-01356	REV H	
SCALE NTS	DATE 10/03/11	SHEET 22 OF 32	
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANAPOLIS, IN 46203 434-688-0609 rloomas@lomaspa.com			

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

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.

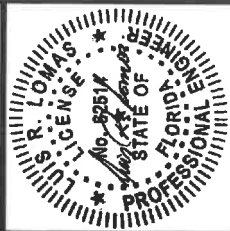


VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

- 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

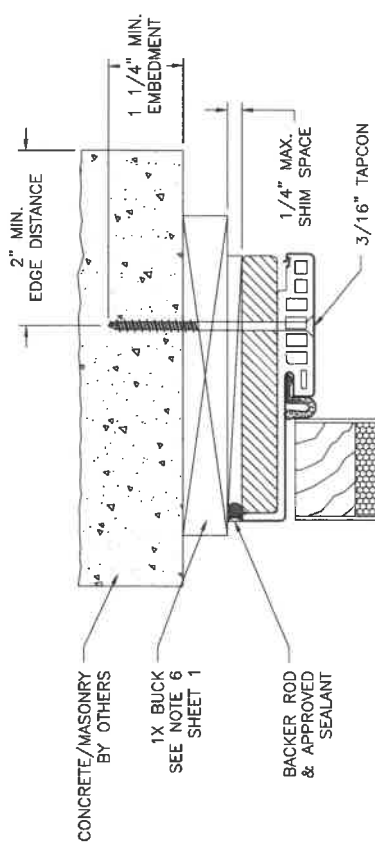
SIGNED: 11/27/2023

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681	
6"8 HERITAGE FIBERGLASS GLAZED IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES OS DOOR W/FUSION FRAME INSTALLATION DETAILS	
DRAWN: V.L.	DWG NO. 08-01356
DATE 10/03/11	REV H
SCALE NTS	SHEET 23 OF 32
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32903 434-688-0609 rlomas@rlomaspe.com	



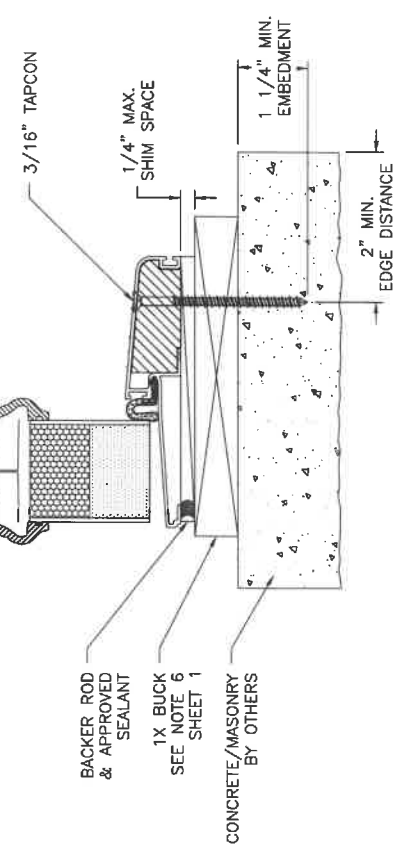
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.

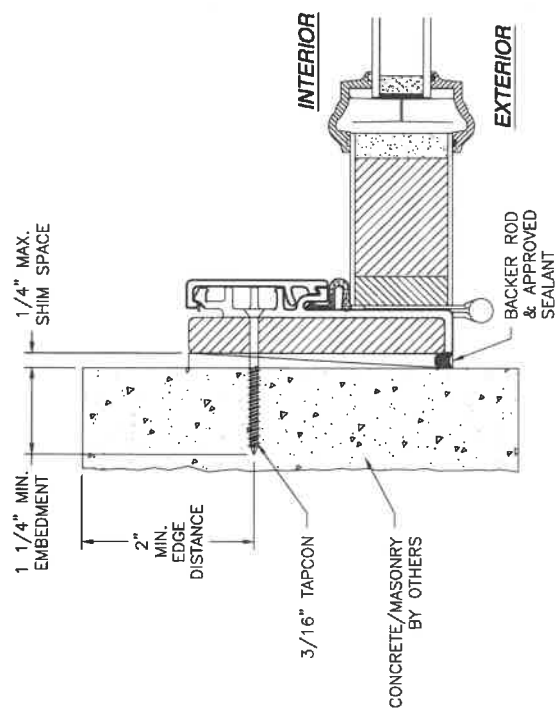


EXTERIOR

INTERIOR



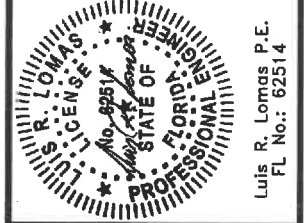
VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

- NOTES:**
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SIGNED: 11/27/2023



PROVIA, LLC.
 2150 STATE ROUTE 39 WEST
 SUGARCREEK, OH 44681

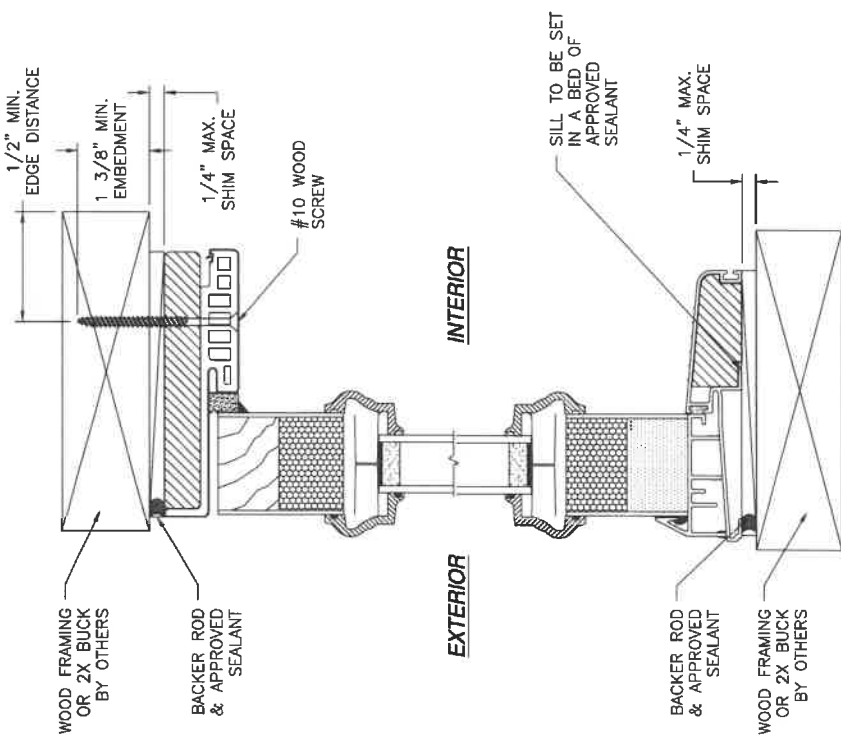
6'8 HERITAGE FIBERGLASS GLAZED IS/OS
 DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
 OS DOOR W/FUSION FRAME INSTALLATION DETAILS

DRAWN: V.L.	DWG NO. 08-01356	REV H
SCALE NTS	DATE 10/03/11	SHEET 24 OF 32

L. ROBERTO LOMAS P.E.
 208 7th Ave, INDIANLANTIC, FL 32903
 434-688-0699 rloomas@provia.com

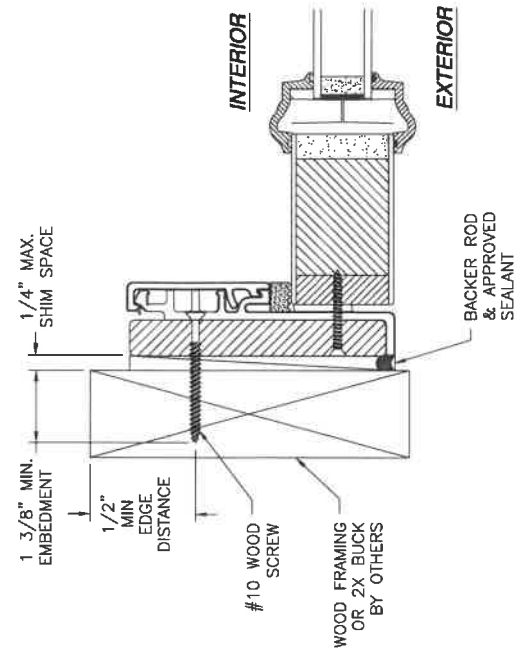
Luis R. Lomas P.E.
 FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

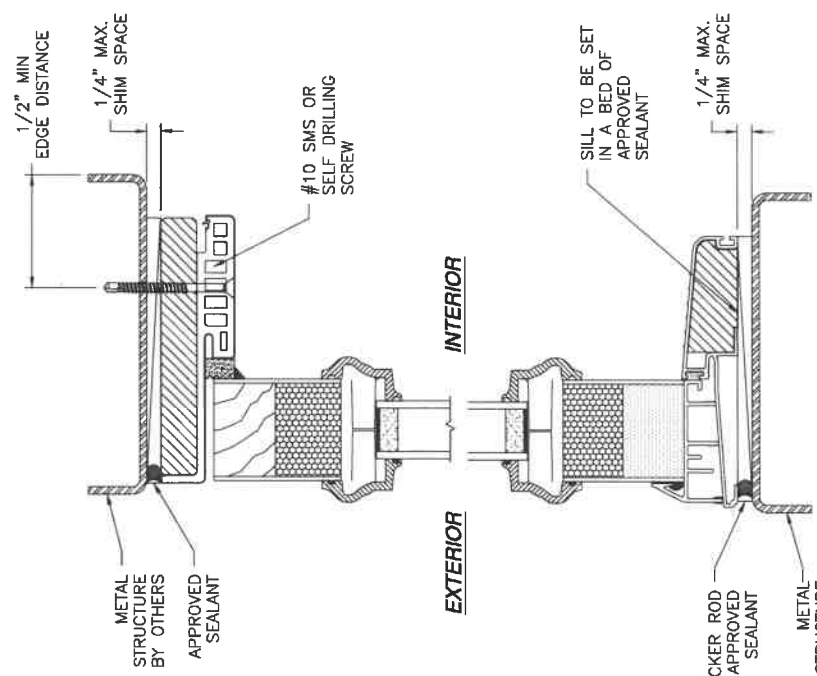
SIGNED: 11/27/2023

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			
6"8 HERITAGE FIBERGLASS GLAZED IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES OS SIDELITE W/FUSION FRAME INSTALLATION DETAILS		DRAWN: V.L. SCALE: NTS DATE: 10/03/11 SHEET: 25 OF 32	REV: H DWG NO.: 08-01356 L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rloomas@rlomaspe.com

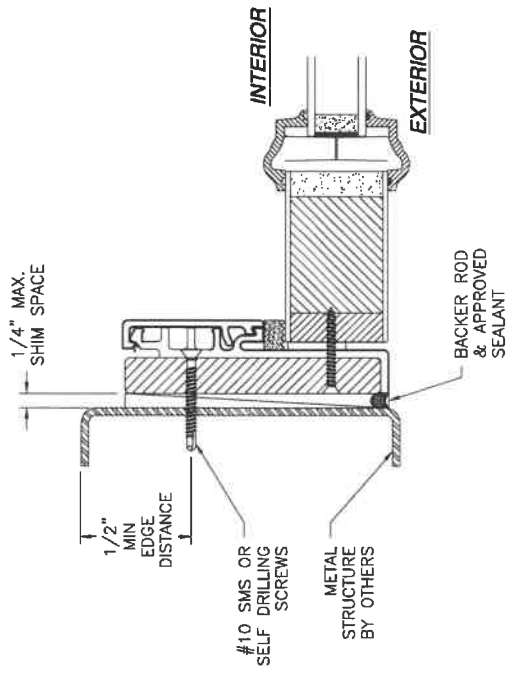
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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SIGNED: 11/27/2023

PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
OS SIDELITE W/FUSION FRAME INSTALLATION DETAILS

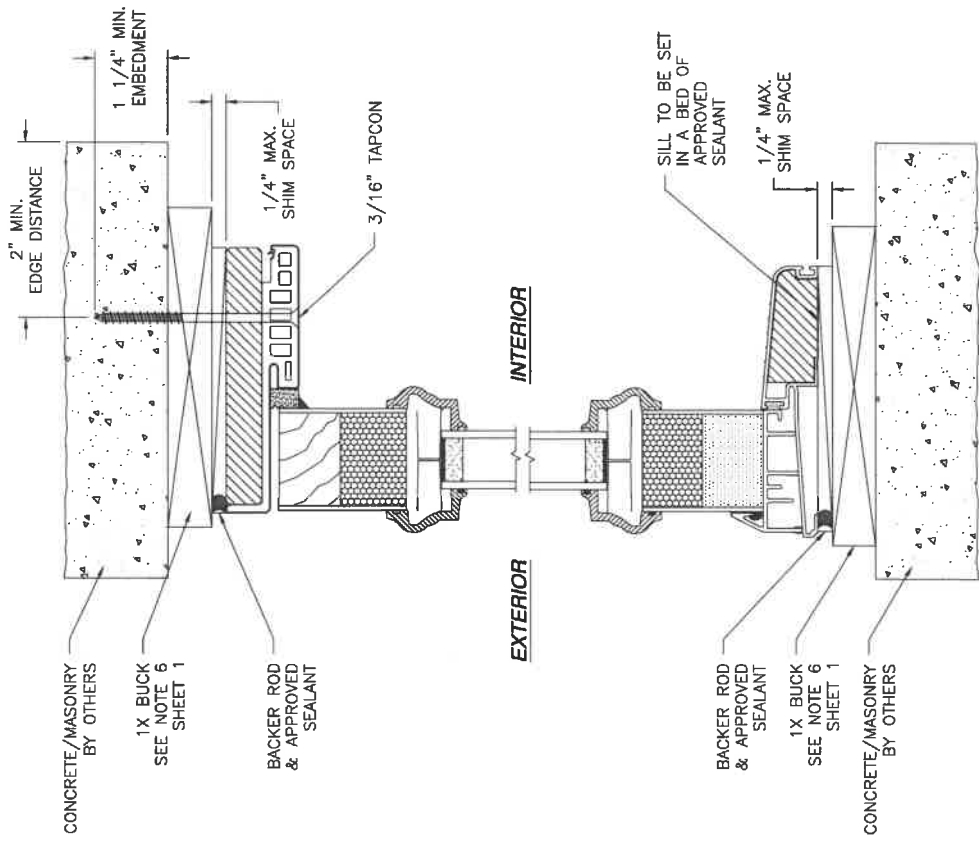
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SCALE: NTS
DATE: 10/03/11
SHEET: 26 OF 32

DWG NO.: 08-01356
REV: H

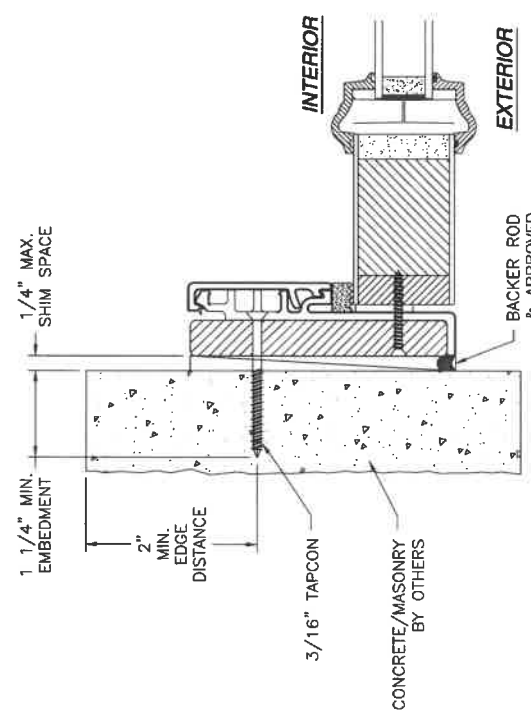
L. ROBERTO LOMAS P.E.
208 7th Ave. INDIANLANTIC, FL 33903
434-688-0609 rloomas@infosape.com

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

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SIGNED: 11/27/2023

PROVIA, LLC.
 2150 STATE ROUTE 39 WEST
 SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS GLAZED IS/OS
 DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
 OS SIDELITE INSTALLATION DETAILS

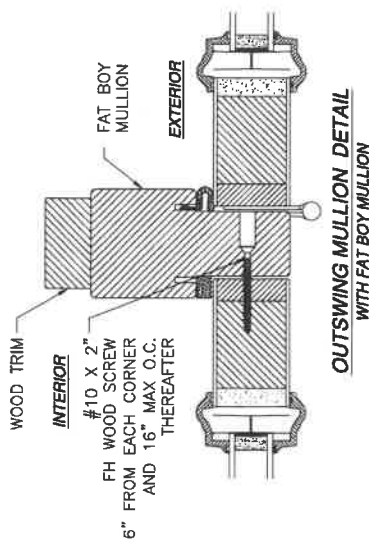
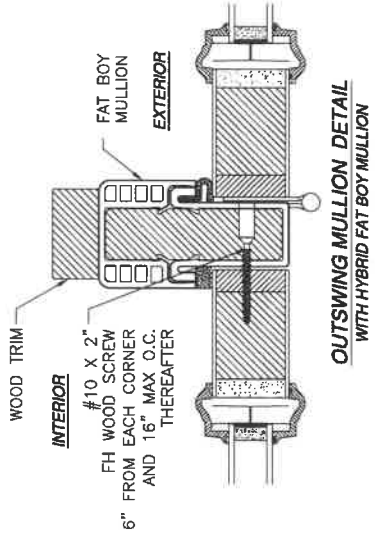
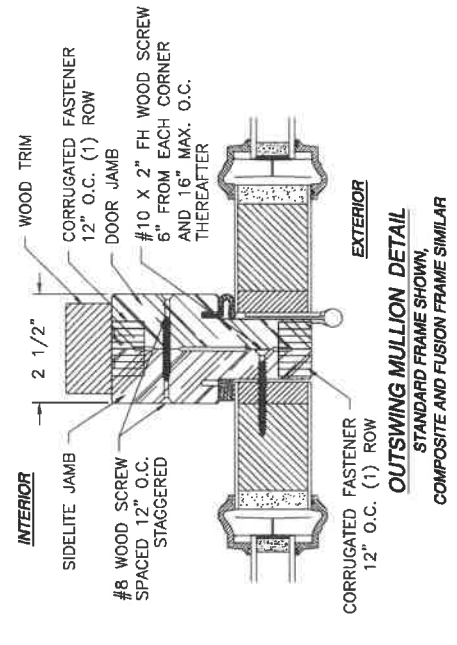
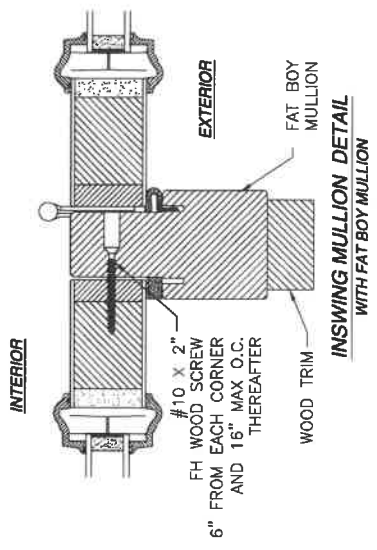
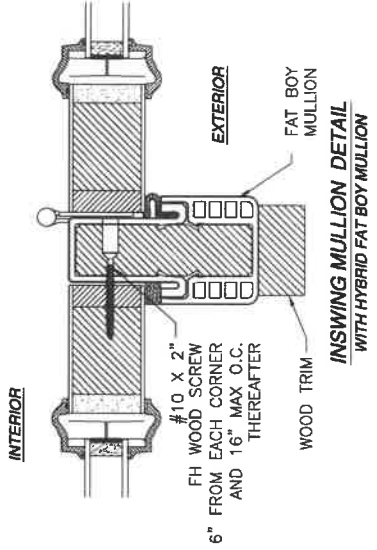
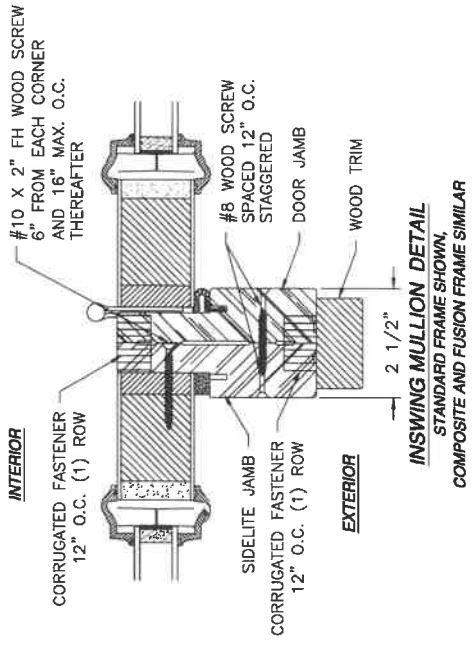
DRAWN: V.L. DWG NO. 08-01356 REV H
 SCALE: NTS DATE 10/03/11 SHEET 27 OF 32

L. ROBERTO LOMAS P.E.
 208 7th Ave, INDIALANTIC, FL 32903
 434-688-0609 rlomas@rlomaspe.com



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6"8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
MULLION INSTALLATION DETAILS

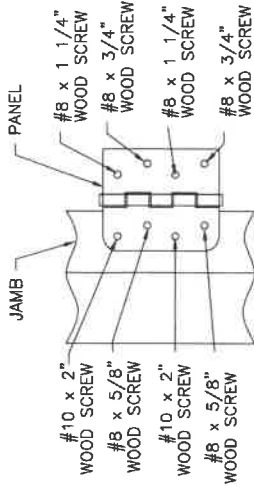
SIGNED: 11/27/2023

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

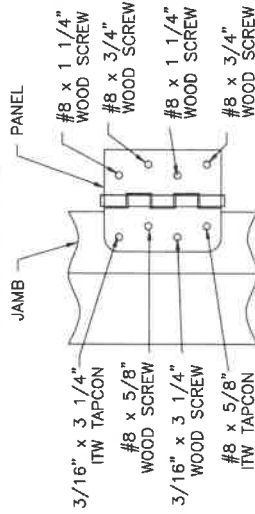
DRAWN: V.L.	DWG. NO. 08-01356	REV H
SCALE NTS	DATE 10/03/11	SHEET 28 OF 32

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIANALANTIC, FL 32903
434-688-0609 rlomas@hontaspe.com

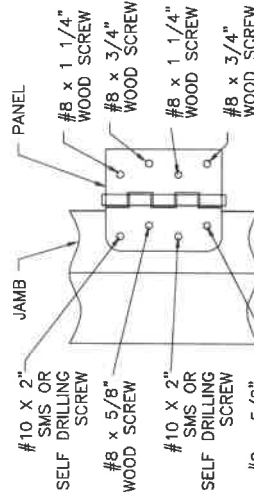
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



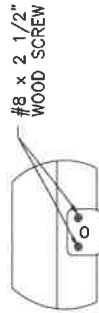
HINGE INSTALLATION DETAIL
2X BUCK/WOOD FRAMING



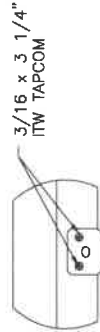
HINGE INSTALLATION DETAIL
MASONRY/CONCRETE



HINGE INSTALLATION DETAIL
METAL STRUCTURE



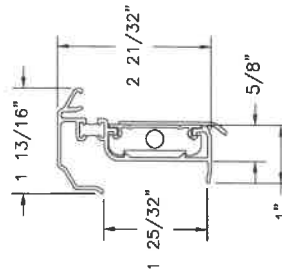
ASTRAGAL HEAD STRIKE DETAIL
2X BUCK/WOOD FRAMING



ASTRAGAL HEAD STRIKE DETAIL
MASONRY/CONCRETE

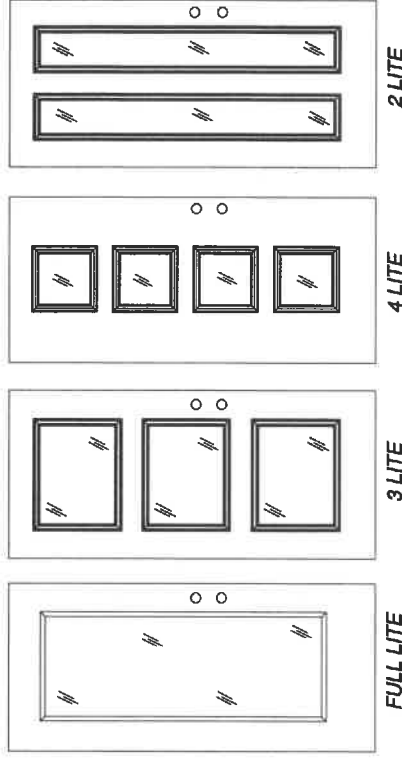


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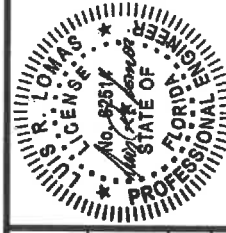
INSWING/OUTSWING HURRICANE ASTRAGAL DETAIL

APPROVED LITE CONFIGURATIONS



LITE CONFIGURATIONS SHOWN ARE FOR REFERENCE ONLY. MULTIPLE LITE CONFIGURATIONS ARE APPROVED AS LONG AS LITE SIZE DOES NOT EXCEED 9.2 FT²

SIGNED: 11/27/2023



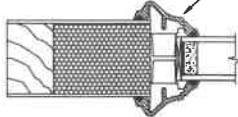
Luis R. Lomas P.E.
FL No.: 62514

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			
6"8 HERITAGE FIBERGLASS GLAZED IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES ASTRAGAL AND HINGES INSTALLATION DETAILS			
DRAWN: V.L.	DWG NO. 08-01356	REV H	SHEET 29 OF 32
SCALE NTS	DATE 10/03/11	L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32903 434-688-0609 rlomas@lromaspe.com	

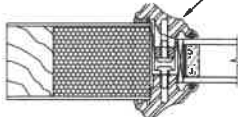
REVISIONS

REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.

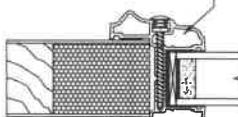
APPROVED TRIMS



LITE FRAME TRIM



SIGNET TRIM



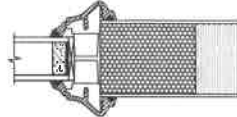
STANDARD TRIM



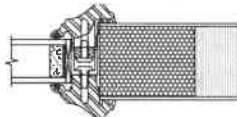
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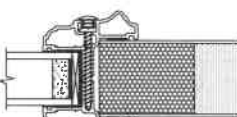
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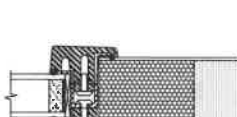
OPTION 1
LITE FRAME TRIM



OPTION 2
SIGNET TRIM



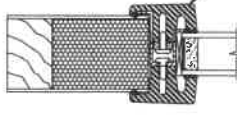
OPTION 3
STANDARD TRIM



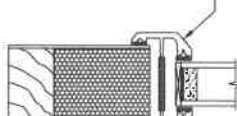
OPTION 4
SMOOTH TRIM



OPTION 5
TRINITY TRIM



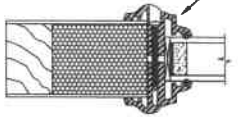
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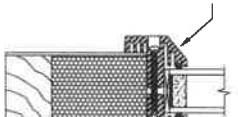
ODL ZEEL TRIM



XLE TRIM



OPTION 6
EVOLVE TRIM



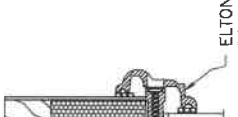
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SPOTLIGHT TRIM



OPTION 8
RSL TRIM



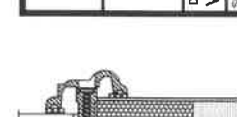
PLUGLESS TRIM



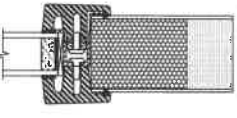
ELTON TRIM



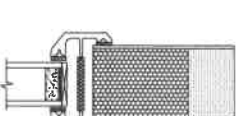
OPTION 9
PLUGLESS TRIM
W/TAPE



OPTION 10
ELTON TRIM



OPTION 11
SMOOTH TRIM
W/TAPE



OPTION 12
ODL ZEEL TRIM



OPTION 13
XLE TRIM

SIGNED: 11/27/2023

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6"8 HERITAGE FIBERGLASS GLAZED IS/OS
DOOR NON-IMPACT WITH OR WITHOUT SIDELITES
APPROVED TRIMS

DRAWN:
V.L.

DWG NO.
08-01356

DATE
10/03/11

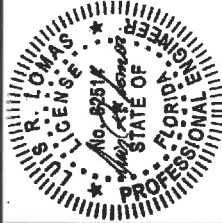
SCALE
NTS

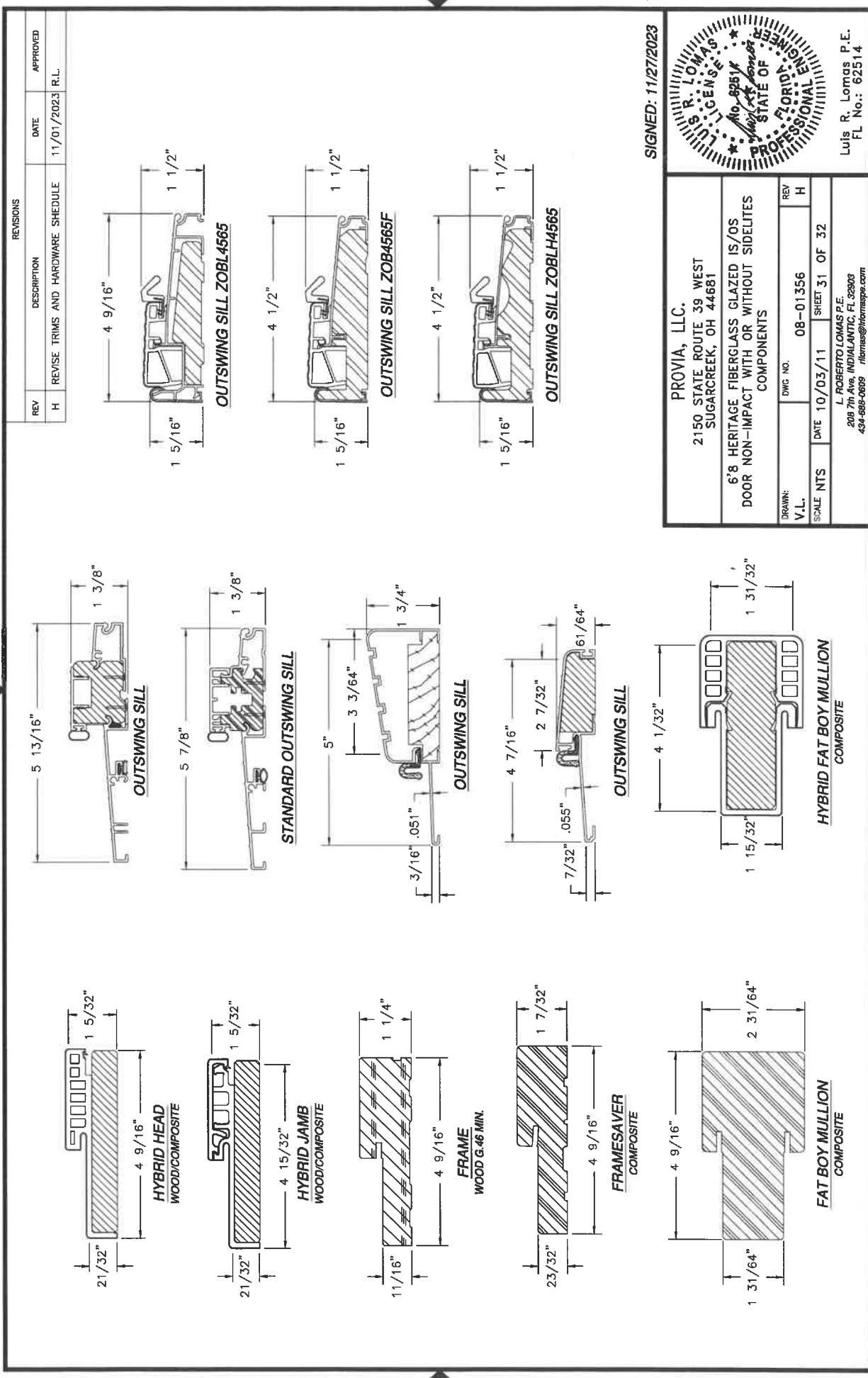
REV
H

SHEET
30 OF 32

L. ROBERTO LOMAS P.E.
208 7th Ave. INDIANALANTIC, FL 32803
434-688-0609 rloomas@rlomaspe.com

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





REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.

SIGNED: 11/27/2023

PROVIA, LLC.

2150 STATE ROUTE 39 WEST

SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS GLAZED IS/OS

DOOR NON-IMPACT WITH OR WITHOUT SIDELITES

COMPONENTS

DRWING: V.L.

DATE: 10/03/11

SCALE: NTS

DWG NO. 08-01356

SHEET 31 OF 32

L. ROBERTO LOMAS P.E.

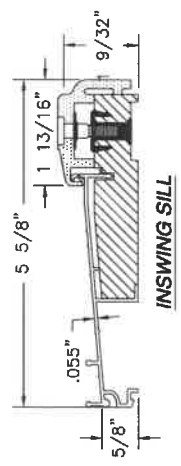
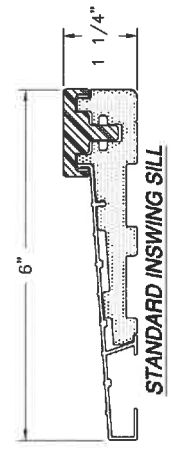
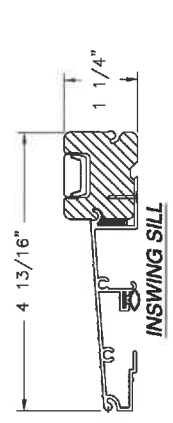
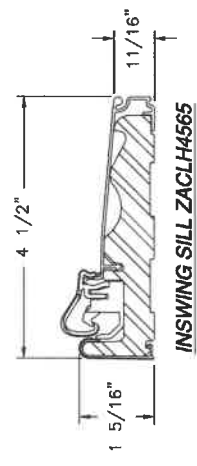
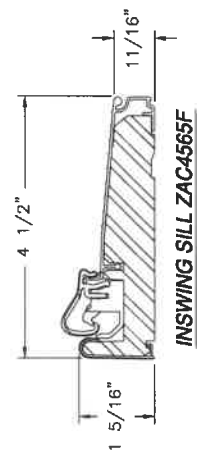
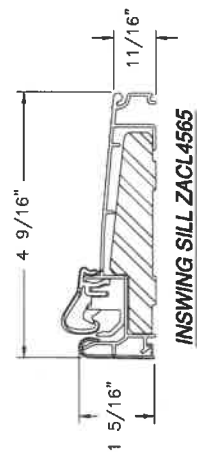
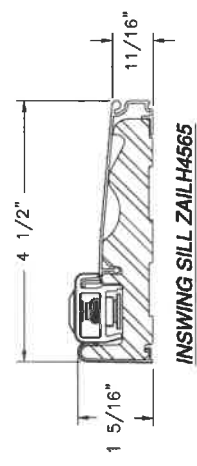
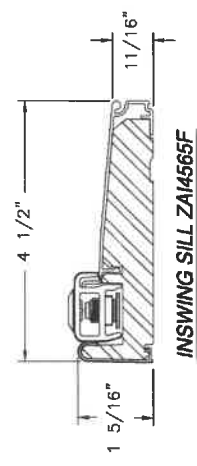
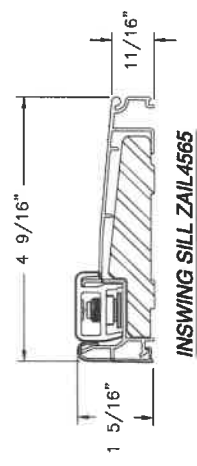
208 7th Ave. INDIAN LANTIC, FL 32003

434-688-0609 rlomas@rlomaspe.com

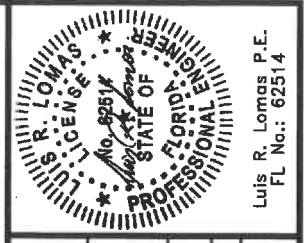
Luis R. Lomas P.E.

FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
H	REVISE TRIMS AND HARDWARE SCHEDULE	11/01/2023	R.L.



SIGNED: 11/27/2023



PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		6'8 HERITAGE FIBERGLASS GLAZED IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES COMPONENTS	
DRAWN: V.L.	DWG NO. 08-01356	REV H	
SCALE NTS	DATE 10/03/11	SHEET 32 OF 32	
L. ROBERTO LOMAS P.E. 208 7th Ave. INDIANLANTIC, FL 32909 434-688-0609 rlomas@rlomaspe.com			



Product Approval
USER: Public User

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



FL #	FL11244-R15										
Application Type	Revision										
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)	<table><tr><th>Standard</th><th>Year</th></tr><tr><td>ASTM E1886</td><td>2019</td></tr><tr><td>ASTM E1996</td><td>2020</td></tr><tr><td>ASTM E330</td><td>2014</td></tr><tr><td>TAS 202</td><td>1994</td></tr></table>	Standard	Year	ASTM E1886	2019	ASTM E1996	2020	ASTM E330	2014	TAS 202	1994
Standard	Year										
ASTM E1886	2019										
ASTM E1996	2020										
ASTM E330	2014										
TAS 202	1994										
Equivalence of Product Standards											
Certified By	Florida Licensed Professional Engineer or Architect FL11244 R15 Equiv FL11244 ASTM EQ Rev A.pdf										

Product Approval Method

Method 1 Option A

Date Submitted 12/21/2023
 Date Validated 12/21/2023
 Date Pending FBC Approval
 Date Approved 12/30/2023

Summary of Products

FL #	Model, Number or Name	Description
11244.1	6'8 Heritage Fiberglass Glazed IS/OS Door	6'8 Heritage Fiberglass Glazed IS/OS Door - Non-Impact
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: FOR RATINGS REFER TO CERTIFICATE AND INSTALLATION INSTRUCTIONS.		Certification Agency Certificate FL11244 R15 C CAC 11244.1 NI010709.03-R6.pdf Quality Assurance Contract Expiration Date 12/31/2026 Installation Instructions FL11244 R15 II 08-01356H.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL11244 R15 AE 511973I.pdf Created by Independent Third Party: Yes
11244.2	6'8 Heritage Fiberglass Opaque IS/OS Door	6'8 Heritage Fiberglass Opaque IS/OS Door - Non-Impact
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: FOR RATINGS REFER TO CERTIFICATE AND INSTALLATION INSTRUCTIONS.		Certification Agency Certificate FL11244 R15 C CAC 11244.2 NI010709.16-R5.pdf FL11244 R15 C CAC 11244.2 NI010709.17-R5.pdf Quality Assurance Contract Expiration Date 12/31/2026 Installation Instructions FL11244 R15 II 08-01360F.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL11244 R15 AE 511977G.pdf Created by Independent Third Party: Yes
11244.3	6'8 Heritage Fiberglass Opaque IS/OS Door	6'8 Heritage Fiberglass Opaque IS/OS Door - LMI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: FOR RATINGS REFER TO CERTIFICATE AND INSTALLATION INSTRUCTIONS.		Certification Agency Certificate FL11244 R15 C CAC 11244.3 NI010709.10-R4.pdf FL11244 R15 C CAC 11244.3 NI010709.11-R4.pdf Quality Assurance Contract Expiration Date 12/31/2026 Installation Instructions FL11244 R15 II 08-01362F.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL11244 R15 AE 511979G.pdf Created by Independent Third Party: Yes
11244.4	8'0 Heritage Fiberglass Glazed IS/OS Door	8'0 Heritage Fiberglass Glazed IS/OS Door - Non-Impact
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: FOR RATINGS REFER TO CERTIFICATE AND INSTALLATION INSTRUCTIONS.		Certification Agency Certificate FL11244 R15 C CAC 11244.4 NI010709.04-R5.pdf Quality Assurance Contract Expiration Date 12/31/2026 Installation Instructions FL11244 R15 II 08-01357H.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL11244 R15 AE 511974I.pdf Created by Independent Third Party: Yes
11244.5	8'0 Heritage Fiberglass Opaque IS/OS Door	8'0 Heritage Fiberglass Opaque IS/OS Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A		Certification Agency Certificate FL11244 R15 C CAC 11244.5 NI010709.19-R5.pdf FL11244 R15 C CAC 11244.5 NI010709.20-R5.pdf FL11244 R15 C CAC 11244.5 NI010709.23-R3.pdf FL11244 R15 C CAC 11244.5 NI010709.24-R3.pdf

Other: FOR RATINGS REFER TO CERTIFICATE AND INSTALLATION INSTRUCTIONS.		Quality Assurance Contract Expiration Date 12/31/2026 Installation Instructions FL11244 R15 II 08-01361F.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL11244 R15 AE 511978G.pdf Created by Independent Third Party: Yes
11244.6	8'0 Heritage Fiberglass Opaque IS/OS Door	8'0 Heritage Fiberglass Opaque IS/OS Door - LMI
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: FOR RATINGS REFER TO CERTIFICATE AND INSTALLATION INSTRUCTIONS.		Certification Agency Certificate FL11244 R15 C CAC 11244.6 NI010709.13-R4.pdf FL11244 R15 C CAC 11244.6 NI010709.14-R4.pdf FL11244 R15 C CAC 11244.6 NI010709.21-R2.pdf FL11244 R15 C CAC 11244.6 NI010709.22-R2.pdf Quality Assurance Contract Expiration Date 12/31/2026 Installation Instructions FL11244 R15 II 08-01363F.pdf Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes Evaluation Reports FL11244 R15 AE 511980H.pdf Created by Independent Third Party: Yes

[Back](#)[Next](#)

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

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Product Approval Accepts:



Credit Card
Safe

SECURITYMETRICS

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. 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.
3. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" WINDOW UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.
4. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. WINDOW UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
5. 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.
6. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
10. FRAME MATERIAL: WOOD WITH G=1.46 MINIMUM SPECIFIC GRAVITY OR FRAMESAVER OR FUSION FRAME.
11. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #10 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.
16. ALL FASTENERS TO BE CORROSION RESISTANT.
17. INSTALLATION ANCHORS 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:
 - 17.1. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 17.2. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - 17.3. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
- 17.4. METAL STRUCTURE: STEEL 186A, 33KSI OR ALUMINUM 6063-T5 .048" THICK MINIMUM

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3	ANCHORING LAYOUTS
4 - 29	INSTALLATION DETAILS
30 - 31	COMPONENTS

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

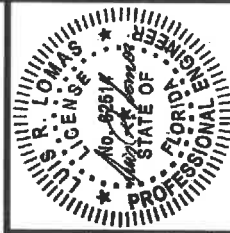
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR
NON-IMPACT WITH OR WITHOUT SIDELITES

DESIGN: V.L.	DWG NO. 08-01360	REV F
SCALE NTS	DATE 10/03/11	SHEET 1 OF 31

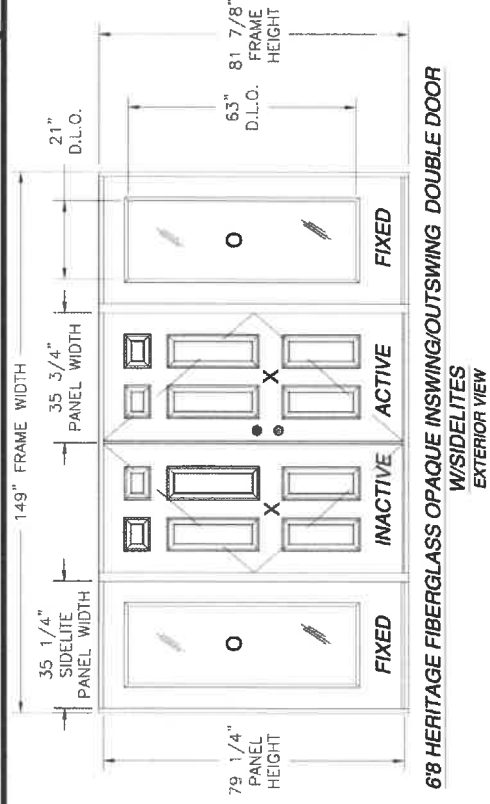
L. ROBERTO LOMAS P.E.
208 7th Ave. INDIANLAND, FL 32003
434-688-0603 rlomas@lomaspe.com

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

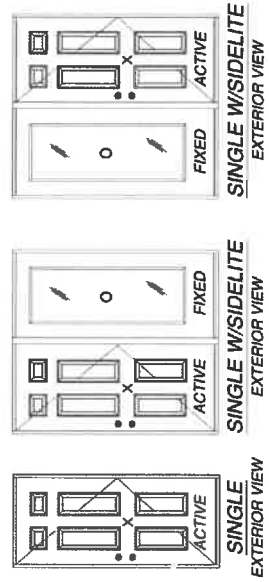
SIGNED: 11/16/2023



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



68 HERITAGE FIBERGLASS OPAQUE INSWING/OUTSWING DOUBLE DOOR
W/SIDELITES
EXTERIOR VIEW



Configuration		Max Size	Rating where water infiltration is not required (psf)				Rating where water infiltration is required (psf)				Impact Rating
			Schlage or Emtek hardware	Trillemium hardware	Panolock Multi-point	Schlage or Emtek hardware	Standard Threshold	High Dam Threshold	Trillemium hardware	Panolock Multi-point	
Single	X	IS	±64.2	±60	±50	±19/-50.5	±19/-50	-	-	-	None
	OS	IS	±64.2	±60	±50	±19/-50.5	±19/-50	-	-	-	
Double	XX	IS	±50.5	±50.5	±50	±19/-50.5	±19/-50.5	-	-	-	None
	OS	IS	±55/-50.5	±55/-50.5	±50	±40/-50.5	±40/-50.5	±55/-50.5	±55/-50.5	±50	
Single w/ Sidelite	OX XO	IS	±50.5	±50.5	±50	±19/-50.5	±19/-50.5	-	-	-	None
	OS	IS	±55/-50.5	±55/-50.5	±50	±40/-50.5	±40/-50.5	±55/-50.5	±55/-50.5	±50	
Single w/ Sidelites	OXO	IS	±50.5	±50.5	±50	±19/-50.5	±19/-50.5	-	-	-	None
	OS	IS	±55/-50.5	±55/-50.5	±50	±40/-50.5	±40/-50.5	±55/-50.5	±55/-50.5	±50	
Double w/ Sidelites	OXOX	IS	±50.5	±50.5	±50	±19/-50.5	±19/-50.5	-	-	-	None
	OS	IS	±55/-50.5	±55/-50.5	±50	±40/-50.5	±40/-50.5	±55/-50.5	±55/-50.5	±50	

Approved Configurations and Ratings

35 3/4" X 79 1/4" PANELS SHOWN. OTHER PANEL SIZES ARE APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 19.67 FT²

NOTE:
ALL APPROVED CONFIGURATIONS CAN BE INSWING OR OUTSWING MODELS. ALL APPROVED CONFIGURATIONS ARE SHOWN AS RIGHT HAND ACTIVE, LEFT HAND ACTIVE IS ALSO APPROVED.

SIGNED: 11/16/2023

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR
NON-IMPACT WITH OR WITHOUT SIDELITES
ELEVATIONS

DRAWN: V.L.

SCALE: NTS

DATE: 10/03/11

SHEET: 2 OF 31

REV: F

08-01360

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIAN LANTIC, FL 32903

434-688-0609 rloomas@lomaspe.com

L. R. LOMAS

FLORIDA PROFESSIONAL ENGINEER

NO. 82514

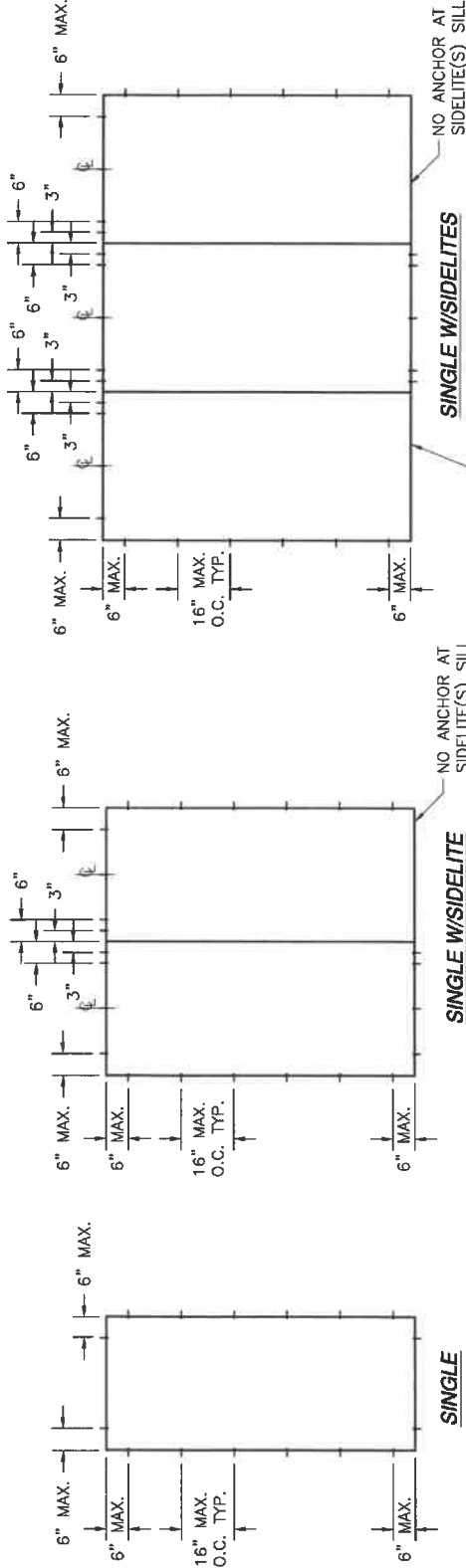
STATE OF FLORIDA

Luis R. Lomas P.E.

FL No.: 62514

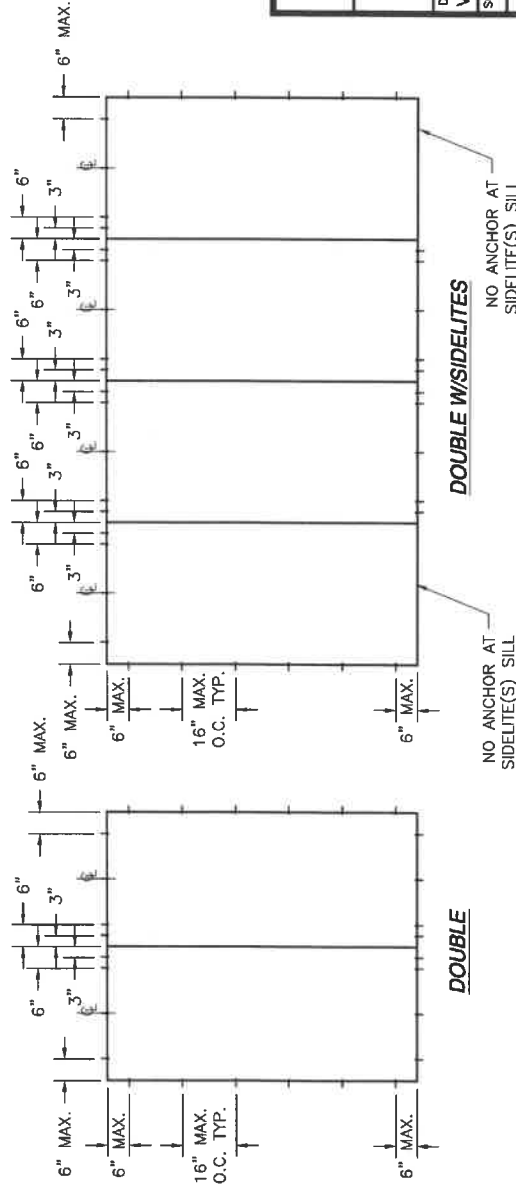
HARDWARE SCHEDULE	
A.	F--SERIES ASSEMBLY DOOR KNOB BY SCHLAGE.
B.	B--SERIES DEADBOLT ASSEMBLY BY SCHLAGE
C.	F--SERIES DEADBOLT ASSEMBLY BY SCHLAGE
D.	EMTEK RESIDENTIAL GRADE DOOR HANDLE ASSEMBLY (ALTERNATE)
E.	TRILLEMUM MULTI-POINT LOCK HANDLE ASSEMBLY (ALTERNATE)
F.	PANOLOCK MULTI-POINT LOCK HANDLE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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



NO ANCHOR AT
SIDELITE(S) SILL

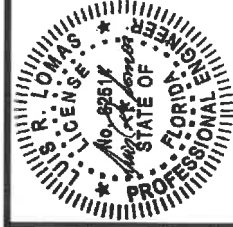
NO ANCHOR AT
SIDELITE(S) SILL



NO ANCHOR AT
SIDELITE(S) SILL

NO ANCHOR AT
SIDELITE(S) SILL

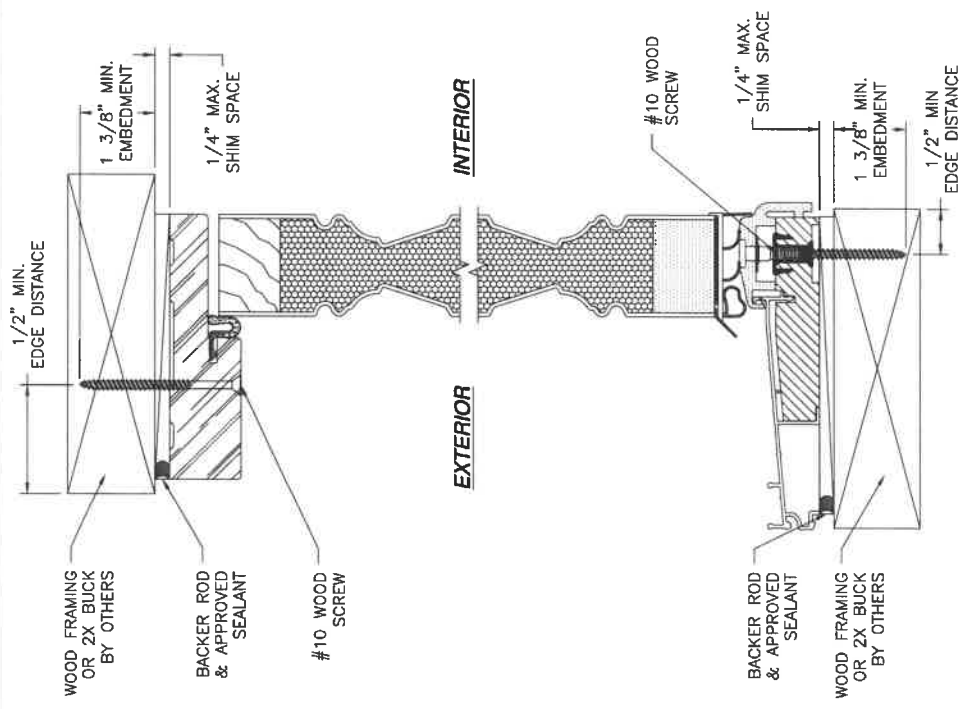
SIGNED: 11/16/2023



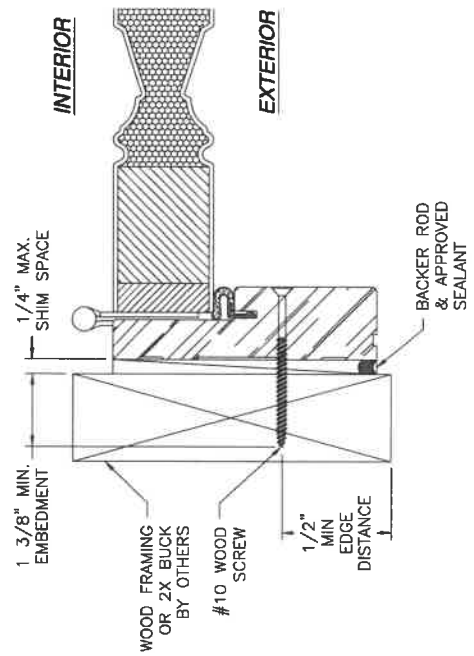
Luis R. Lomas P.E.
FL No.: 62514

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		DRAWN: V.L.		DWG NO. 08-01360	REV F
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES ANCHORING LAYOUT		SCALE NTS	DATE 10/03/11	SHEET 3 OF 31	
L. ROBERTO LOMAS P.E. 208 7th Ave. INDIANLANTIC, FL 32508 434-888-0609 rloomas@lomaspe.com					

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



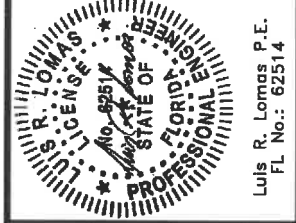
VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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

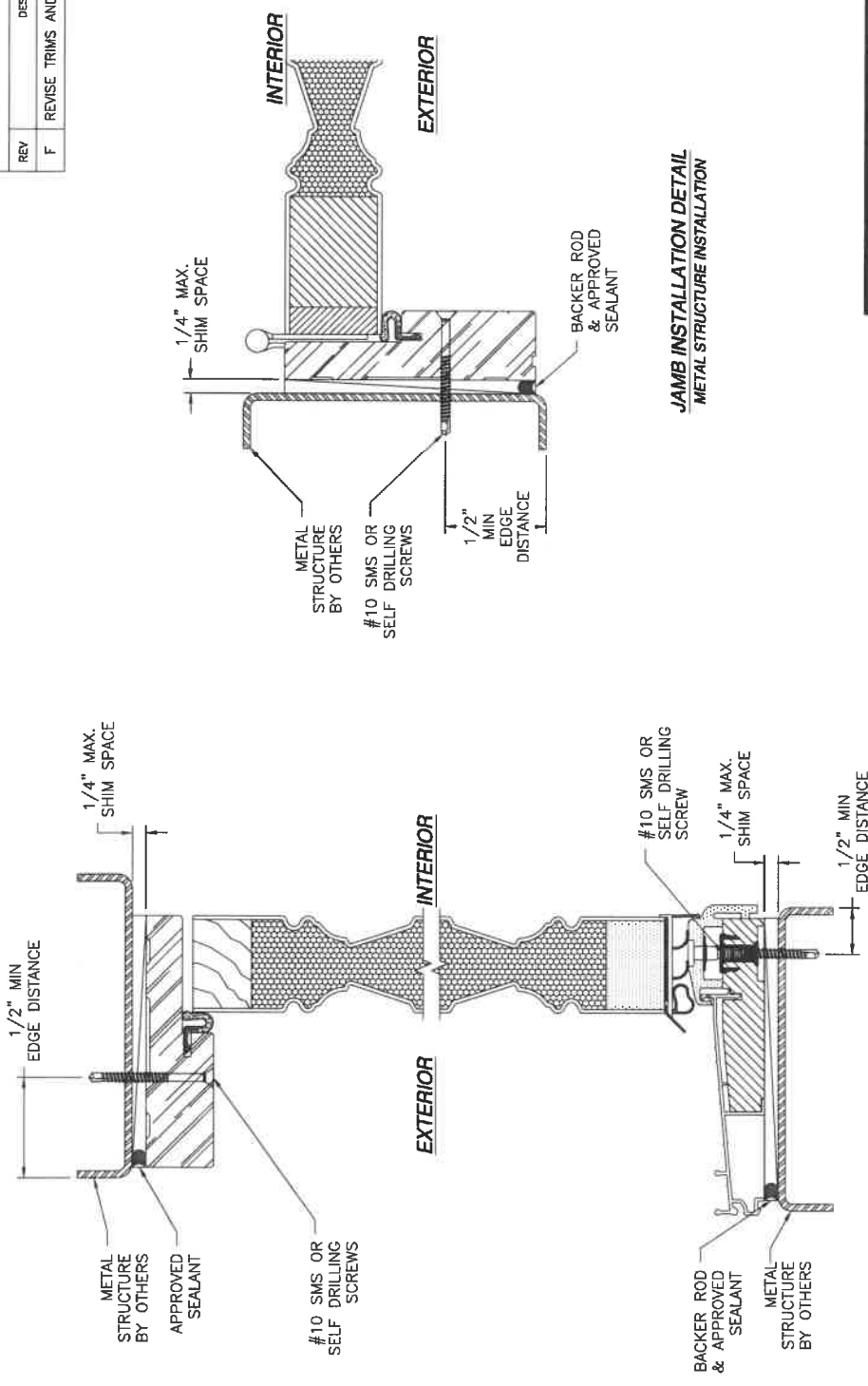
SIGNED: 11/16/2023



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

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681	
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES IS DOOR INSTALLATION DETAILS	
DRAWN: V.L.	DWG NO. 08-01360
SCALE NTS	DATE 10/03/11
REV F	SHEET 4 OF 31
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32503 434-888-0009 rloomas@lomaspc.com	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.

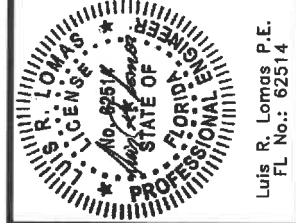


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

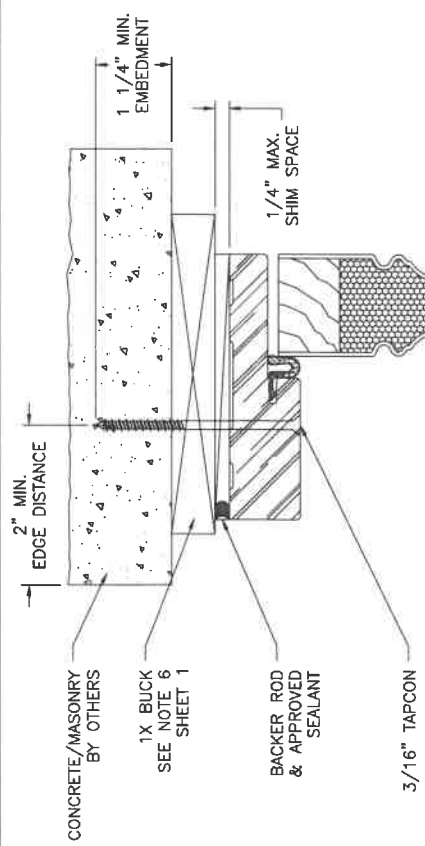
NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E212

SIGNED: 11/16/2023



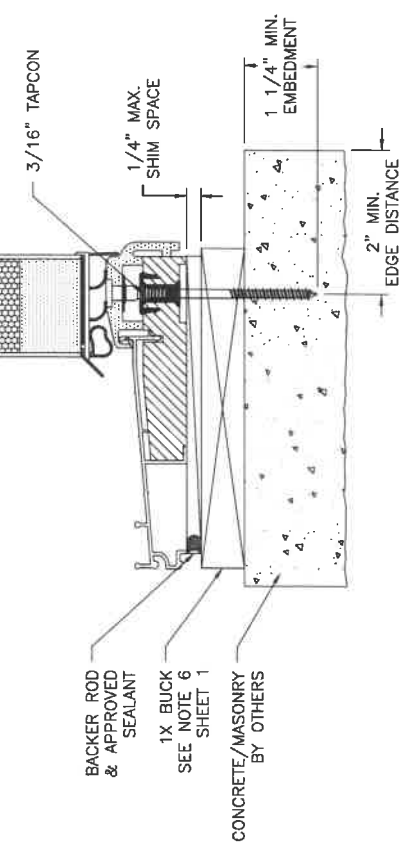
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		REV	F
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES IS DOOR INSTALLATION DETAILS		DWG NO.	08-01360
DRAWN: V.L.		DATE	10/03/11
SCALE NTS		SHEET	5 OF 31
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 33503 434-688-0639 rlomas@rlomaspe.com		Luis R. Lomas P.E. FL No.: 62514	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.

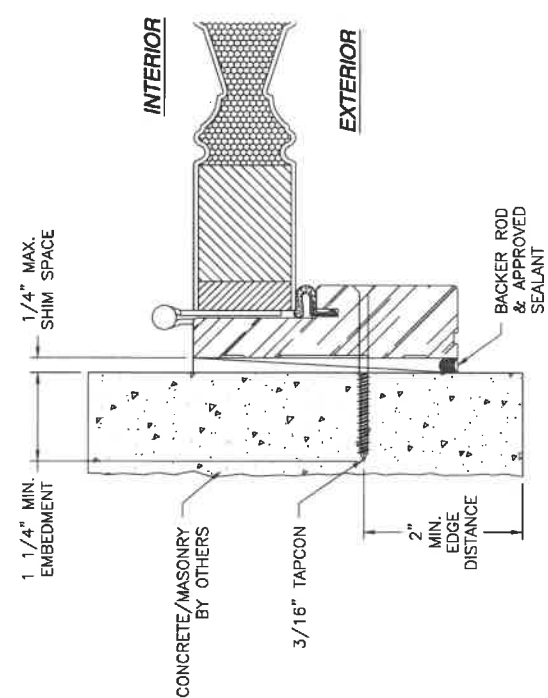


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

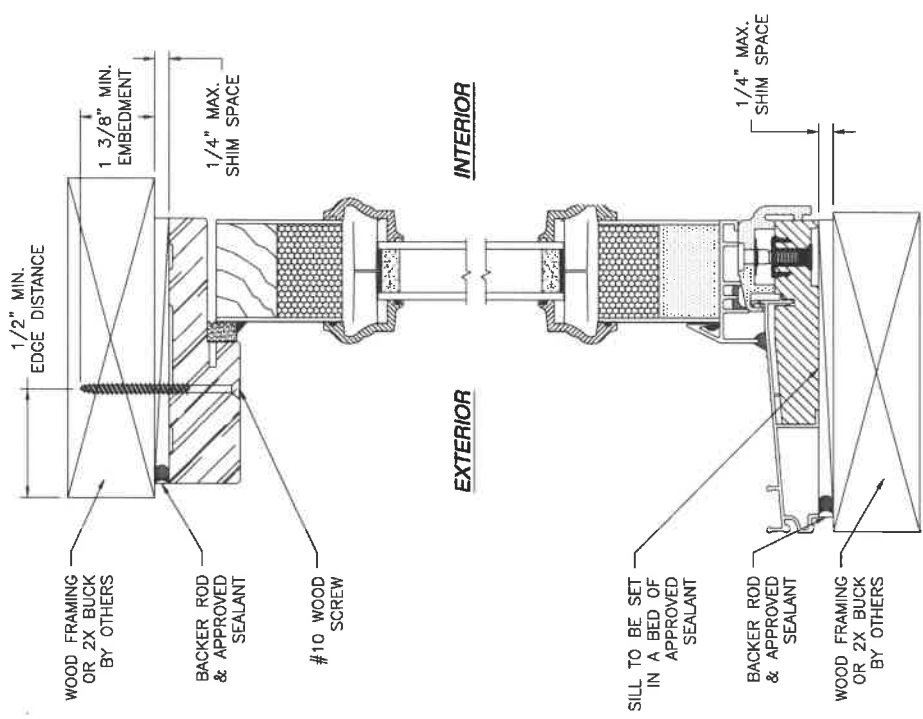
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 11/16/2023

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES IS DOOR INSTALLATION DETAILS		
DRAWN: V.L.	DWG NO. 08-01360	REV F
SCALE NTS	DATE 10/03/11	SHEET 6 OF 31
L. ROBERTO LOMAS P.E. 208 7th Ave. INDIANLANTIC, FL 33503 434-688-0603 rlomas@lomaspe.com		

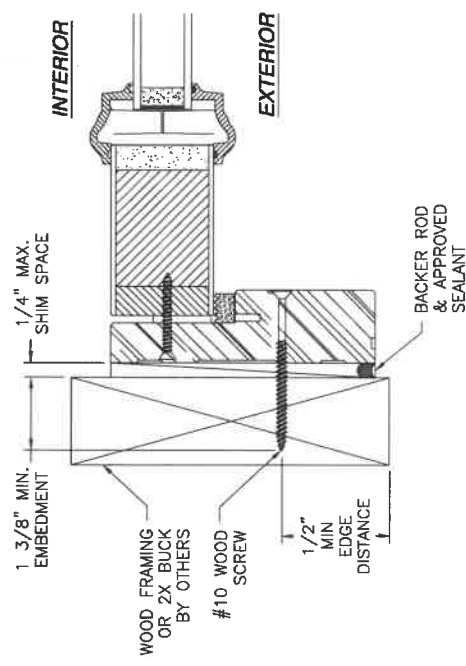
Luis R. Lomas P.E.
 FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



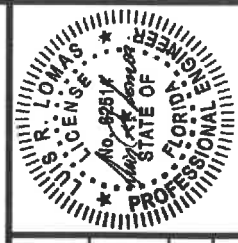
VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

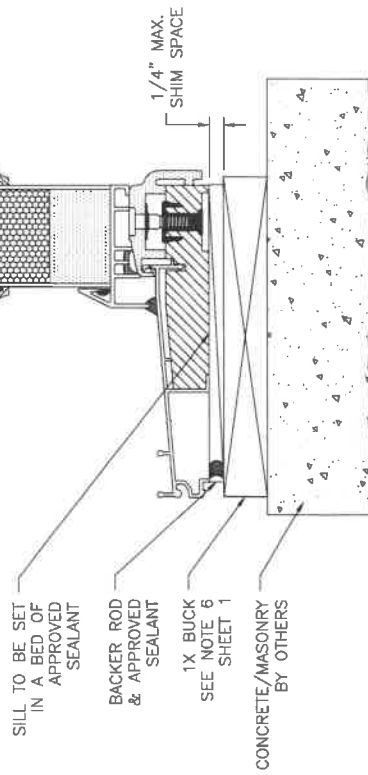
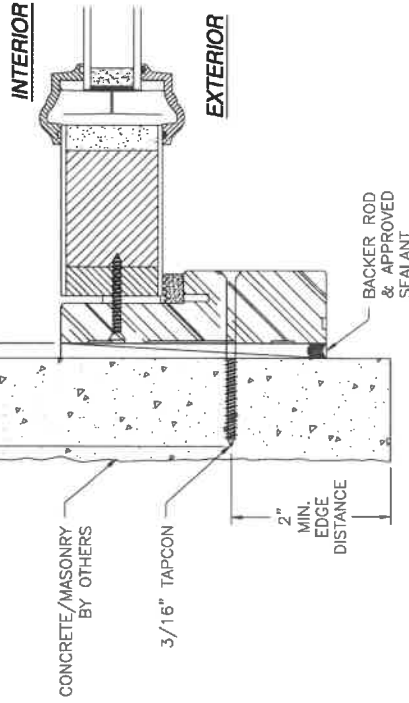
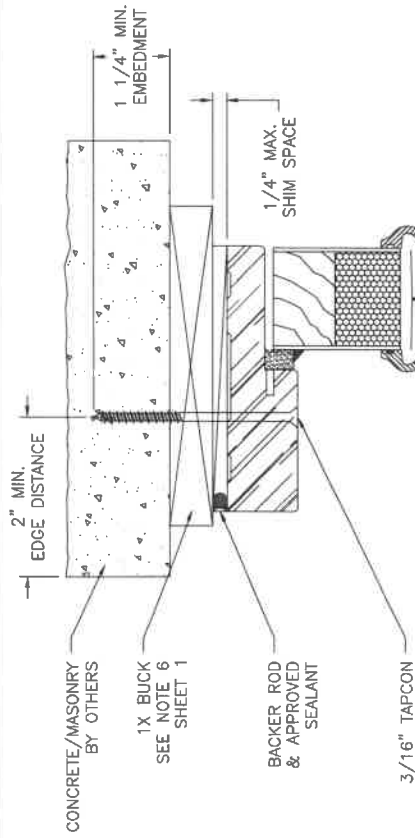
SIGNED: 11/16/2023



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

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES SI SIDELITE INSTALLATION DETAILS			
DRAWN: V.L.	DWG NO. 08-01360	REV F	
SCALE NTS	DATE 10/03/11	SHEET 7 OF 31	
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANAPOLIS, IN 46203 434-688-0609 rloomas@lro.maspe.com			

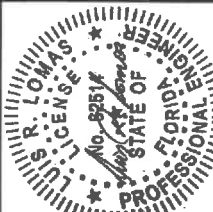
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



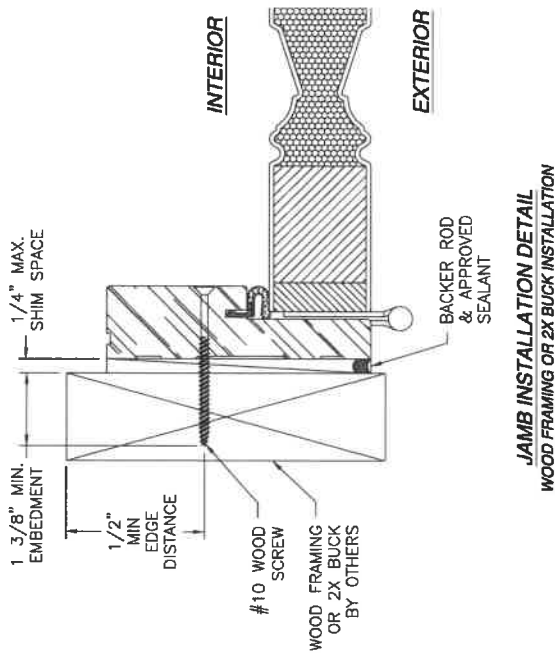
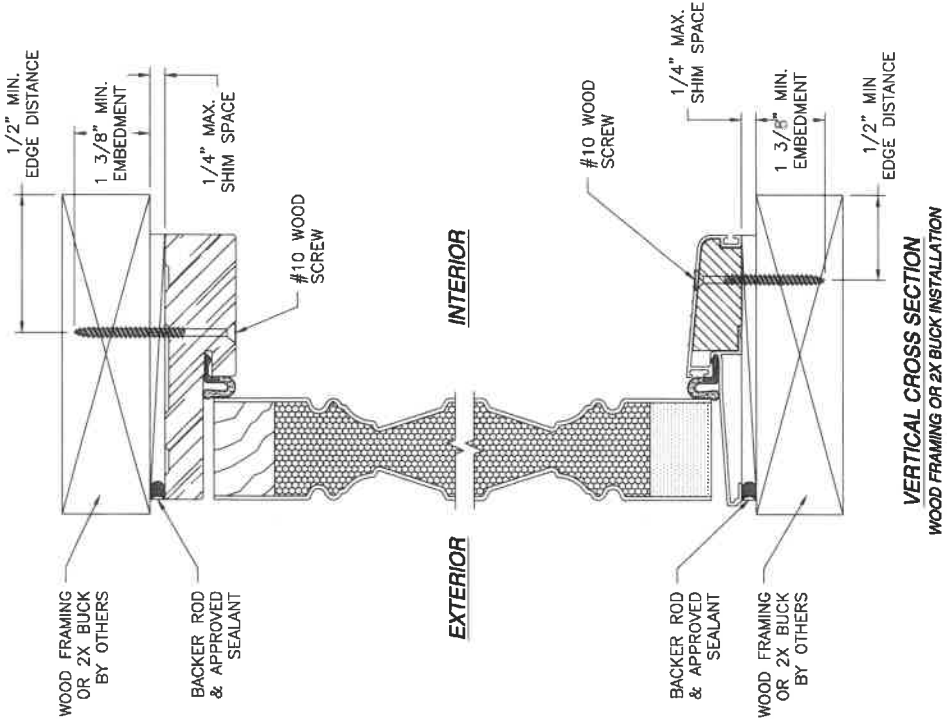
JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

- 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

SIGNED: 11/16/2023

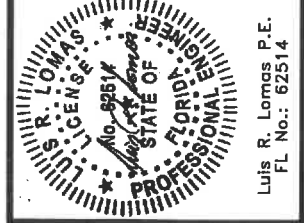
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES IS SIDELITE INSTALLATION DETAILS		LUIS R. LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32903 434-688-0609 rloomas@lomaspe.com	
DRAWN: V.L.	DATE 10/03/11	DWG NO. 08-01360	REV F
SCALE NTS	SHEET 9	OF 31	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



- 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

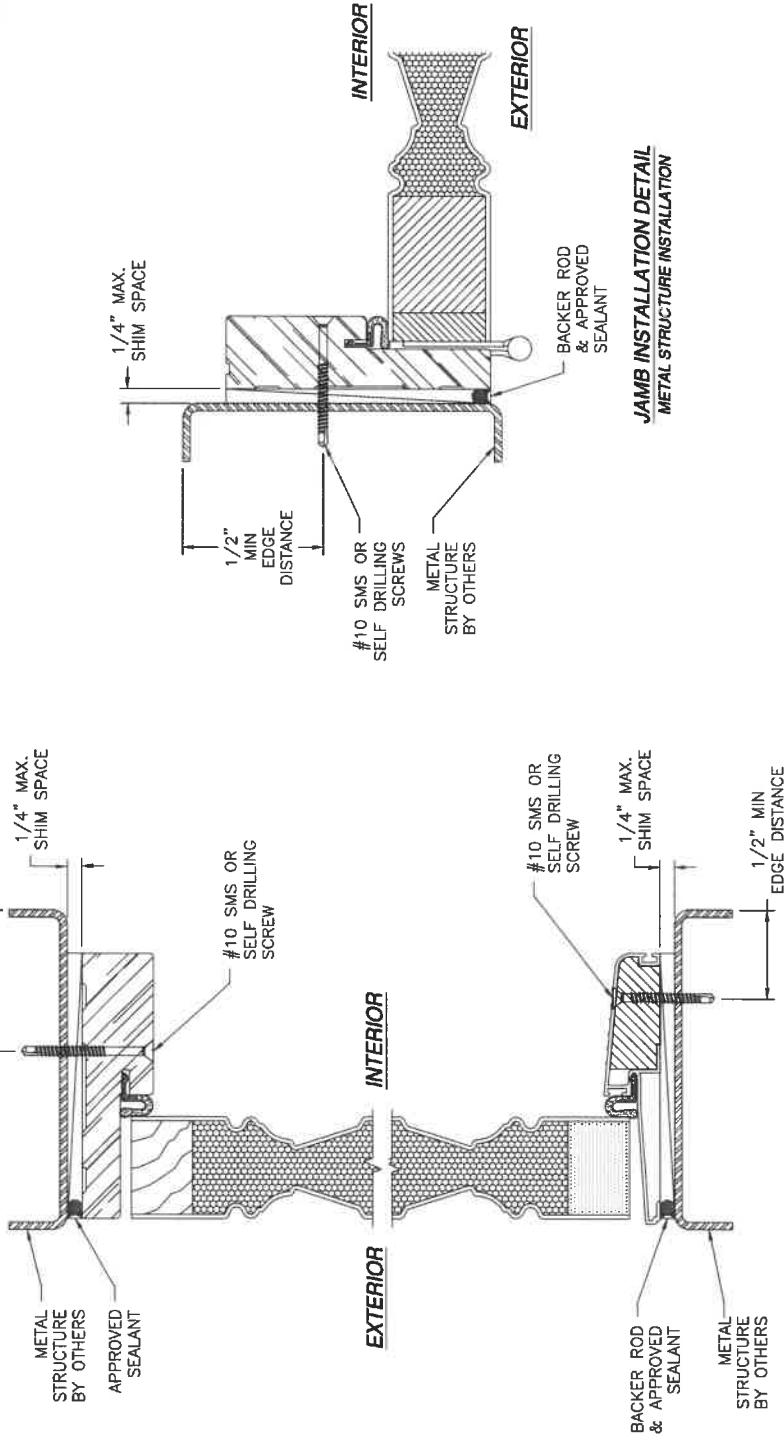
SIGNED: 11/16/2023



PROVIA, LLC.		2150 STATE ROUTE 39, WEST SUGARCREEK, OH 44681	
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES OS DOOR INSTALLATION DETAILS		DRAWN: V.L.	
DWG NO. 08-01360		REV F	
DATE 10/03/11		SHEET 10 OF 31	
L. ROBERTO LOMAS P.E.		208 7th Ave. INDIANAPOLIS, IN 46203	
434-688-0609		rlomas@tomaspco.com	

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

SIGNED: 11/16/2023

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR
NON-IMPACT WITH OR WITHOUT SIDELITES
OS DOOR INSTALLATION DETAILS

DRAWN: V.L.

DATE: 10/03/11

SCALE: NTS

REV: F

SHEET 11 OF 31

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIANALANTIC, FL 32903
434-688-0809 rthomas@lthomaspe.com

FLORIDA PROFESSIONAL ENGINEER

No. 82514

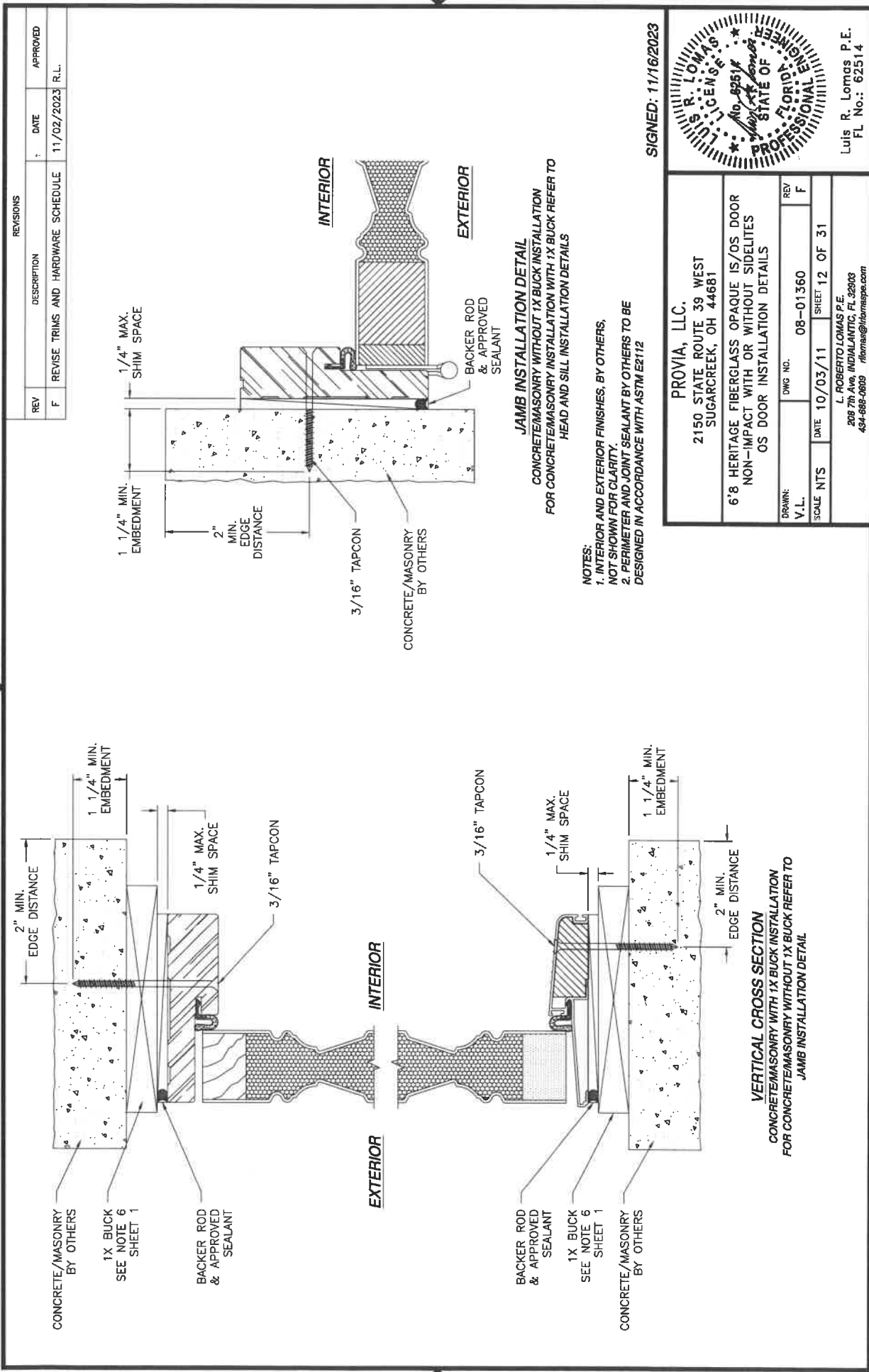
STATE OF FLORIDA

Luis R. Lomas P.E.

FL No.: 62514

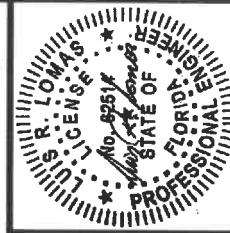
NOTES:

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.

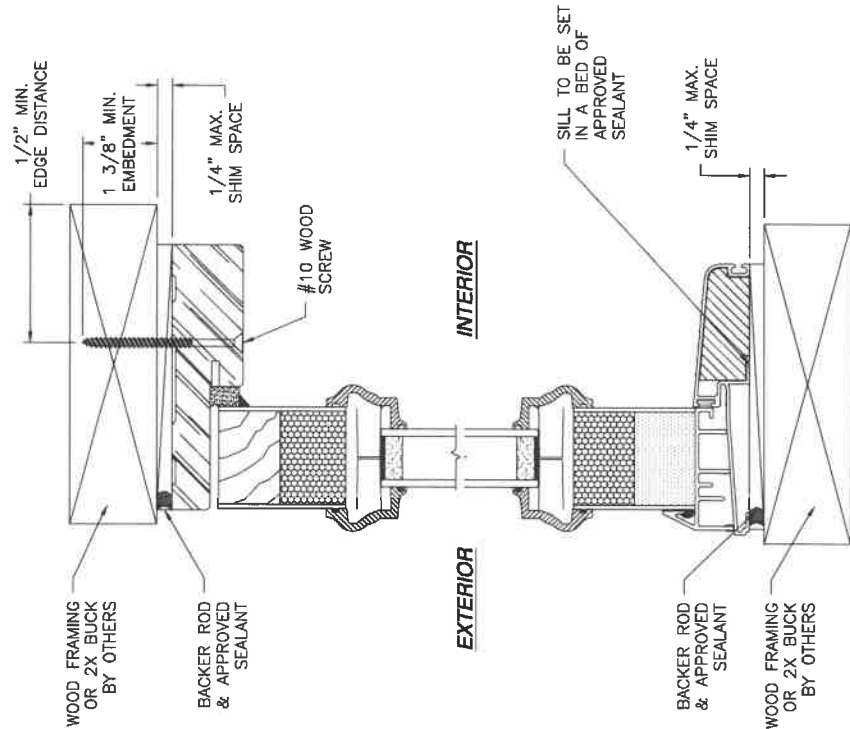
SIGNED: 11/16/2023



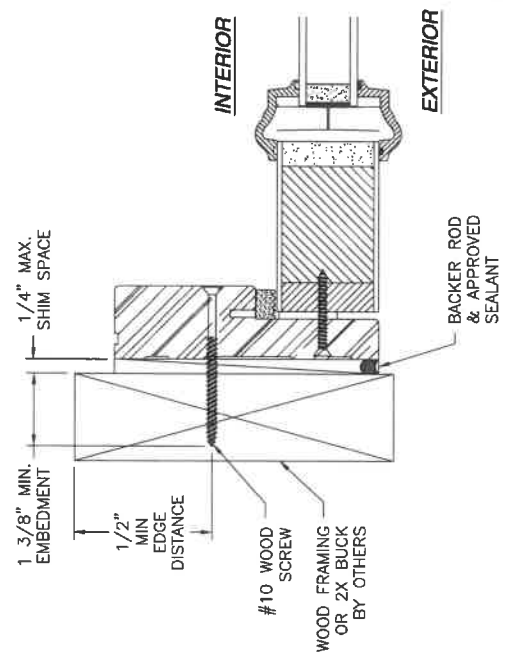
Luis R. Lomas P.E.
FL No.: 62514

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES OS DOOR INSTALLATION DETAILS			
DRAWN: V.L.	DWG NO. 08-01360	REV F	
SCALE NTS	DATE 10/03/11	SHEET 12 OF 31	
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANAPOLIS, IN 46203 434-888-0603 rllomas@lomaspe.com			

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE.	11/02/2023	R.L.



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



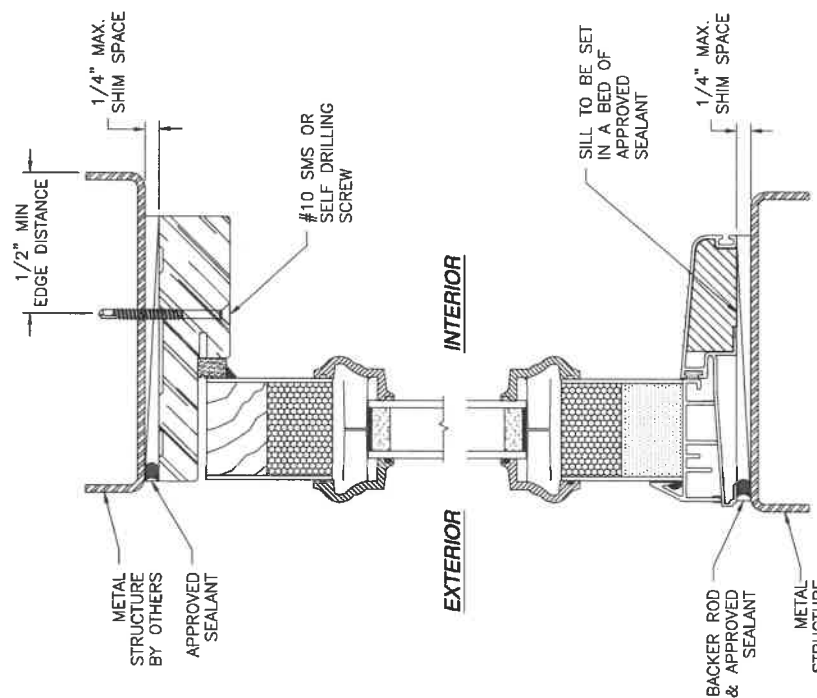
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- NOTES:**
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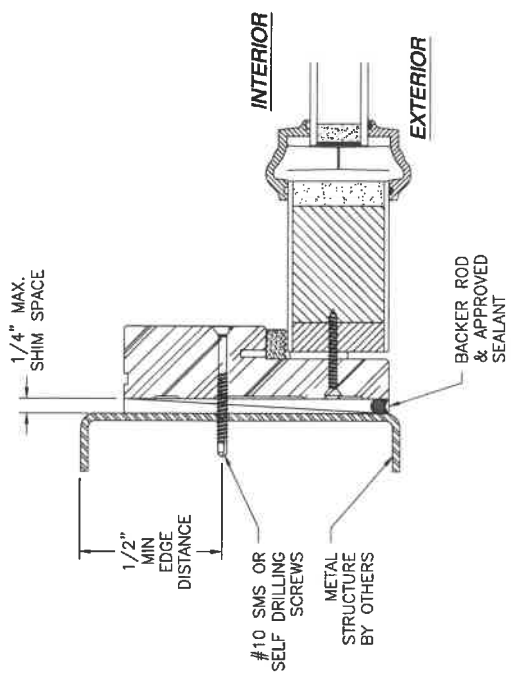
SIGNED: 11/16/2023

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			LUIS R. LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32903 434-688-0609 rloomas@hormaspe.com
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES OS SIDELITE INSTALLATION DETAILS			
DRAWN: V.L.	DWG NO. 08-01360	REV F	
SCALE NTS	DATE 10/03/11	SHEET 13 OF 31	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

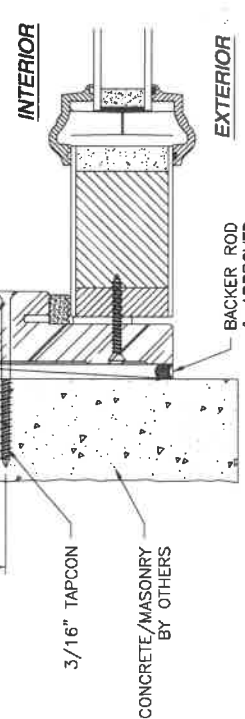
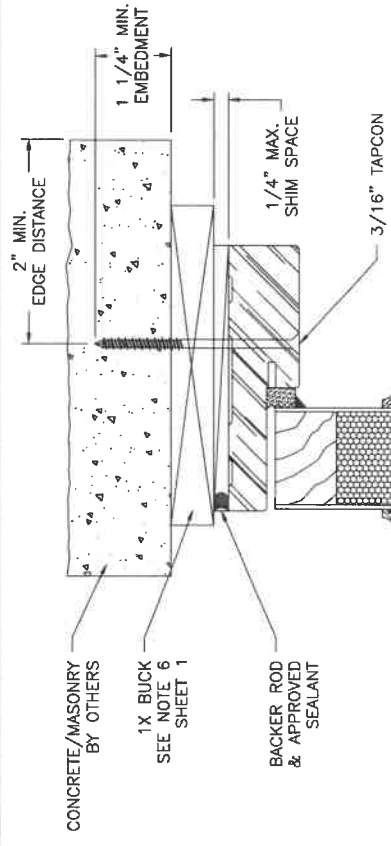
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 11/16/2023

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		DRAWN: V.L. SCALE: NTS DATE: 10/03/11 REV: F
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES OS SIDELITE INSTALLATION DETAILS		
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32003 434-688-0609 rloomas@rlomaspe.com		SHEET 14 OF 31

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

- 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

SIGNED: 11/16/2023

PROVIA, LLC.
 2150 STATE ROUTE 39 WEST
 SUGARCREEK, OH 44681

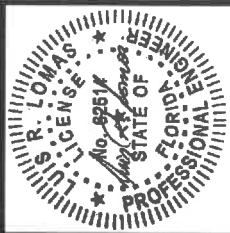
Luis R. Lomas P.E.
 FL No.: 62514

6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR
 NON-IMPACT WITH OR WITHOUT SIDELITES
 OS SIDELITE INSTALLATION DETAILS

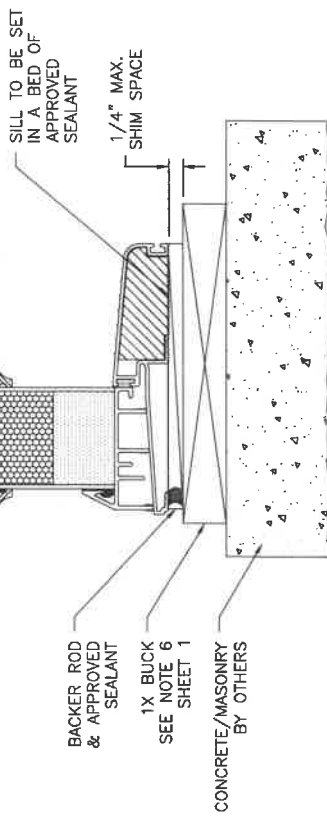
ENGINEER
 LUIS R. LOMAS P.E.
 208 7th Ave, INDIANAPOLIS, IN 46203
 434-888-0609 rloramas@indomage.com

DRAWN: V.L.
 SCALE: NTS
 DATE: 10/03/11
 SHEET: 15 OF 31

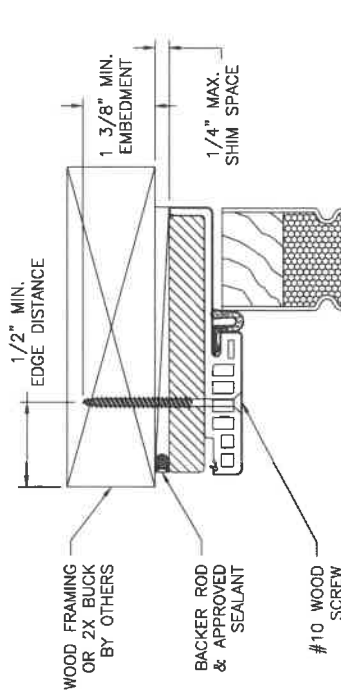
REV: F
 DWG NO.: 08-01360



VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL

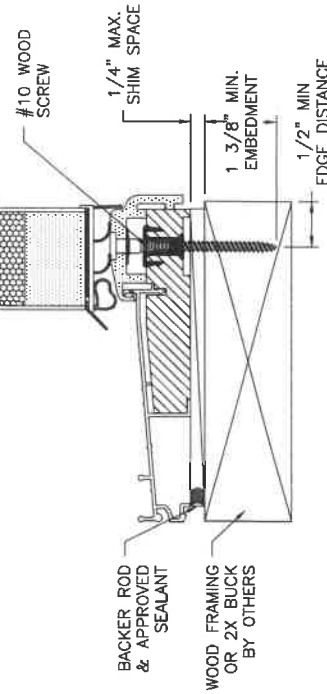


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.

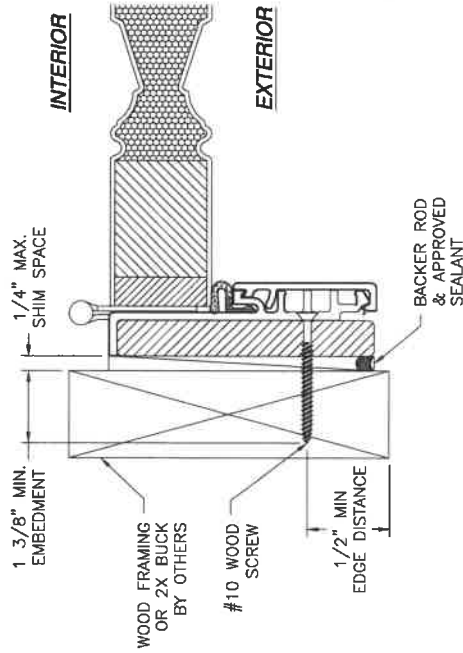


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



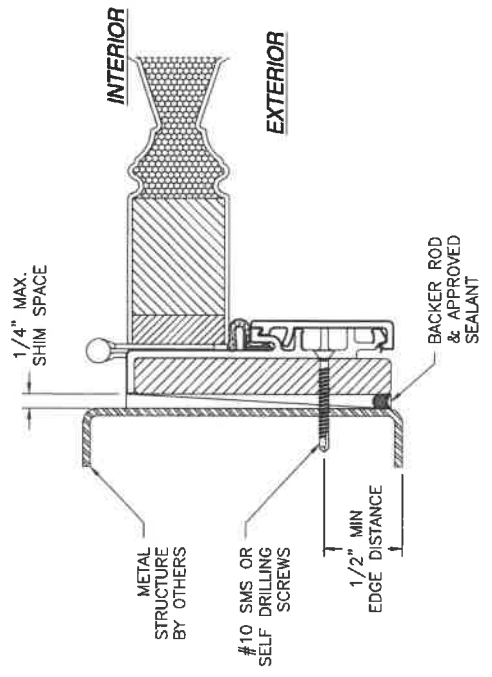
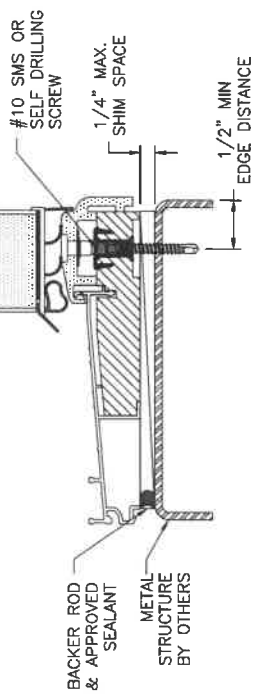
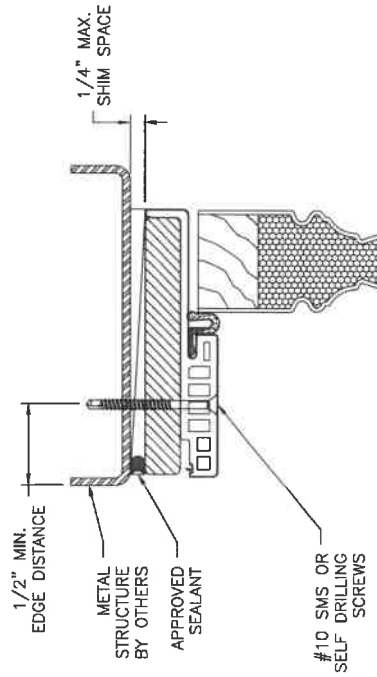
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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

SIGNED: 11/16/2023

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			
DRAWN: V.L.	DWG NO. 08-01360	DATE 10/03/11	REV F
SCALE NTS	SHEET 16 OF 31	L. ROBERTO LOMAS P.E. 208 7th Ave. INDIANLAND, FL 32903 434-688-0609 rlomas@lromaspe.com	
Luis R. Lomas P.E. FL No.: 62514			

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

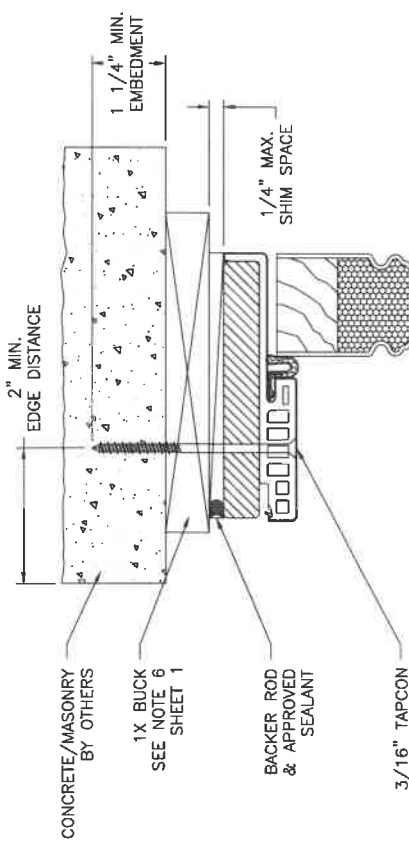
NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 11/16/2023

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			Luis R. Lomas P.E. FL No.: 62514	
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES IS DOOR W/FUSION FRAME INSTALLATION DETAILS				
DRAWN: V.L.	DATE 10/03/11	DWG NO. 08-01360	REV F	SHEET 17 OF 31
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32903 434-688-0603 rloomas@lomaspe.com				

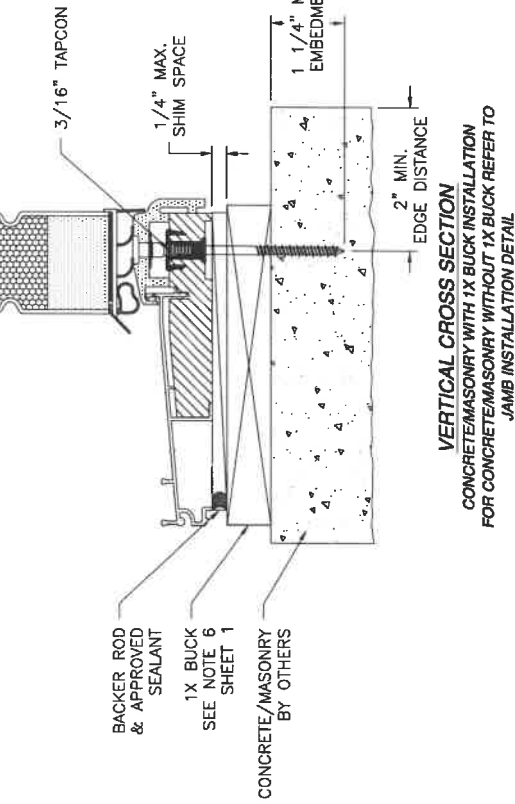
VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.

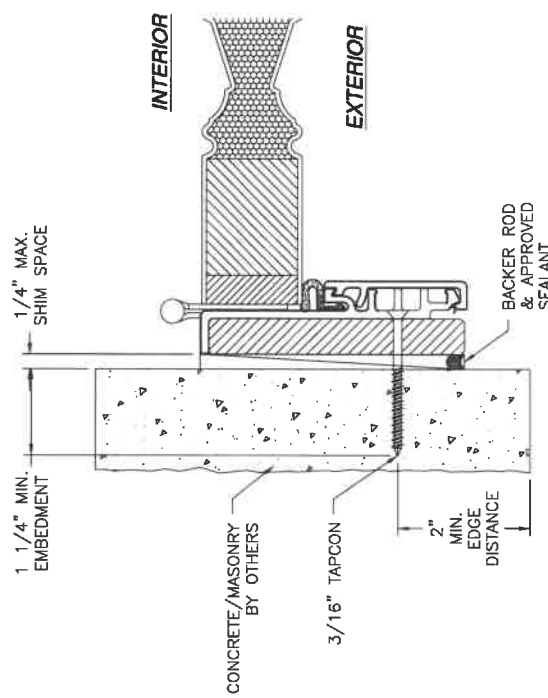


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS

- 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

SIGNED: 11/16/2023

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR
NON-IMPACT WITH OR WITHOUT SIDELITES
IS DOOR W/FUSION FRAME INSTALLATION DETAILS

DRAWN: V.L.

DATE: 10/03/11

SCALE: NTS

DWG NO.: 08-01360

DATE: 10/03/11

DATE: 10/03/11

REV: F

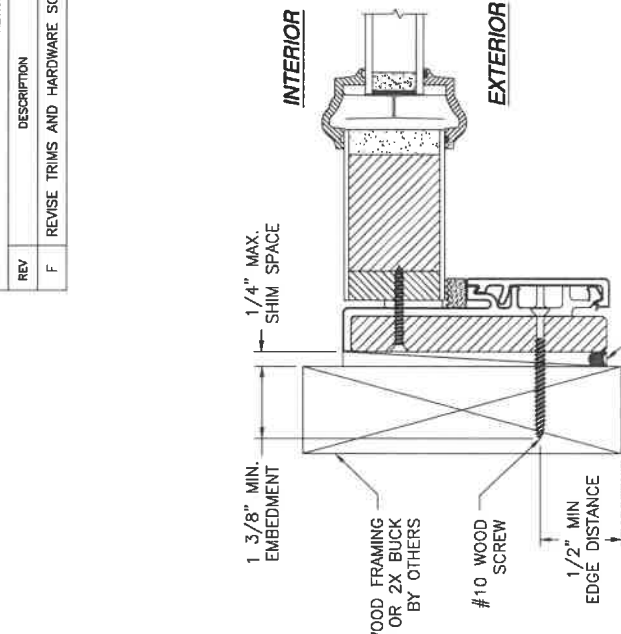
SHEET 18 OF 31

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIANLANTIC, FL 32803
434-888-0609 rlomas@homaspce.com

LUIS R. LOMAS
LICENSE
No. 92814
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.

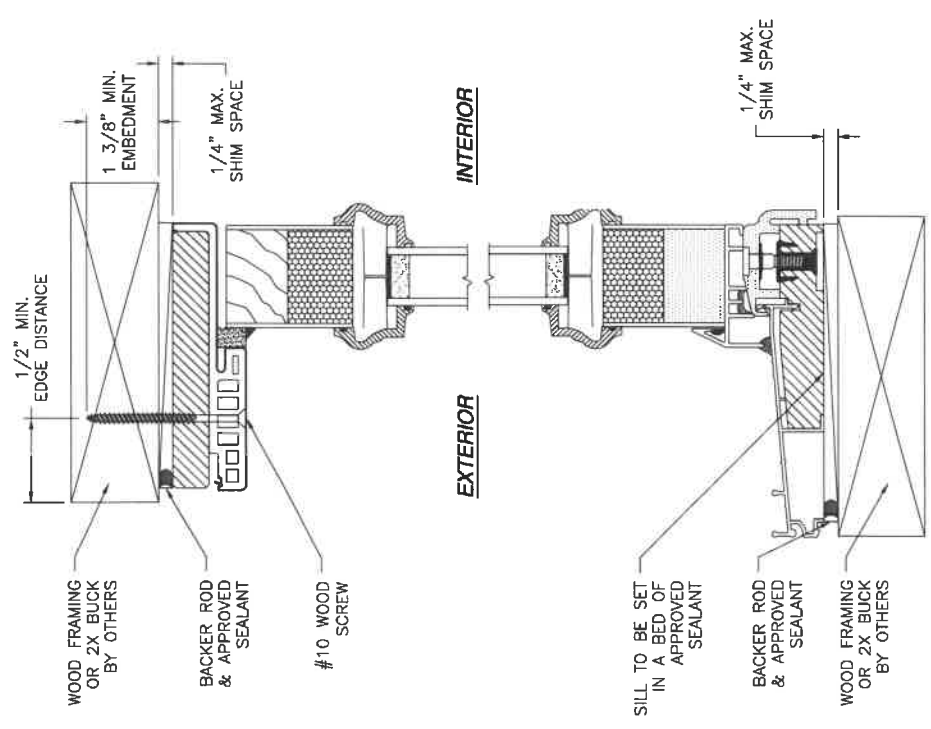


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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

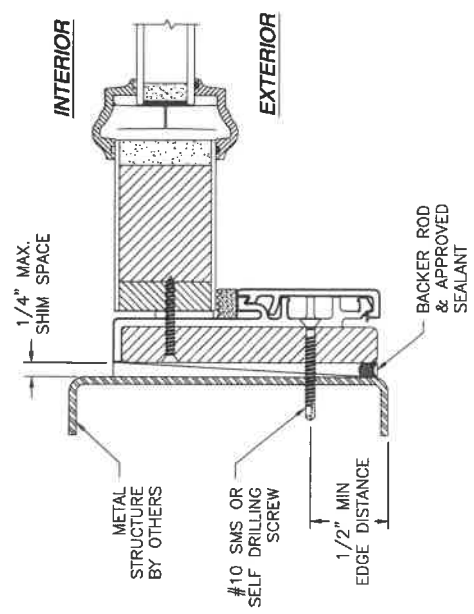
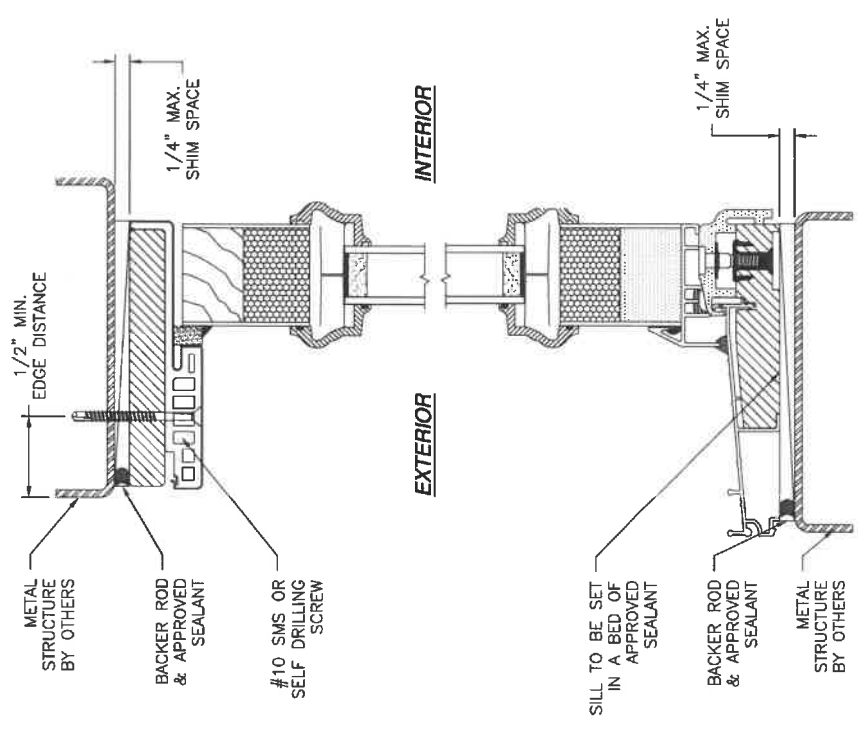
SIGNED: 11/16/2023

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			Luis R. Lomas P.E. FL No.: 62514
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES IS SIDELITE W/FUSION FRAME INSTALLATION DETAILS			
DRAWN: V.L.	DWG NO. 08-01360	REV F	
SCALE NTS	DATE 10/03/11	SHEET 19 OF 31	
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANALANTIC, FL 32903 434-688-0609 rlomas@rlomaspe.com			



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



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SIGNED: 11/16/2023

PROVIA, LLC.
 2150 STATE ROUTE 39 WEST
 SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR
 NON-IMPACT WITH OR WITHOUT SIDELITES
 IS SIDELITE W/FUSION FRAME INSTALLATION DETAILS

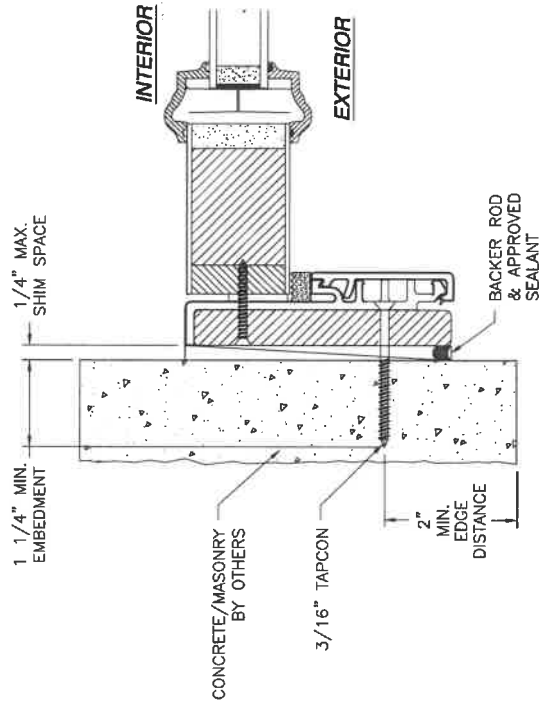
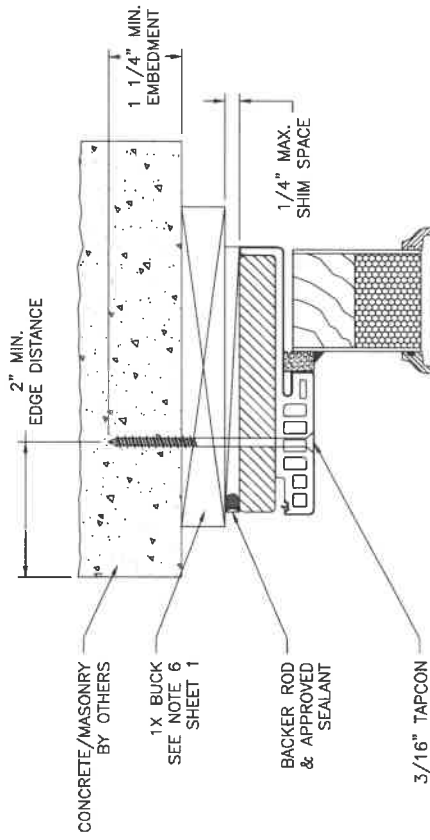
DRAWN: V.L. DWG NO. 08-01360 REV F
 SCALE NTS DATE 10/03/11 SHEET 20 OF 31

L. ROBERTO LOMAS P.E.
 208 7th Ave, INDIANLANTIC, FL 32903
 434-688-0609 rlomas@rlomaspe.com

PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 No. 82518
 LUIS R. LOMAS

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.

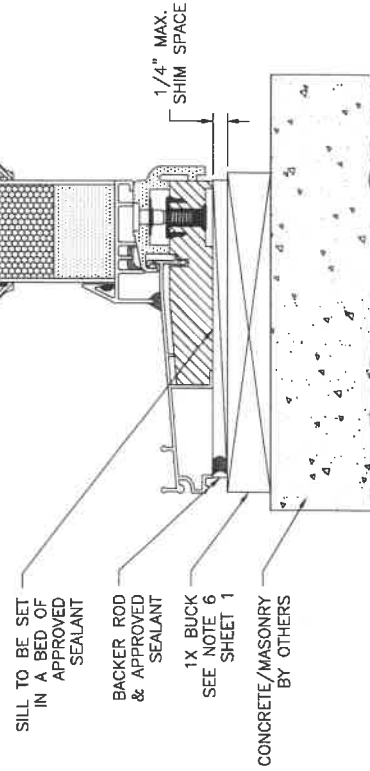


JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

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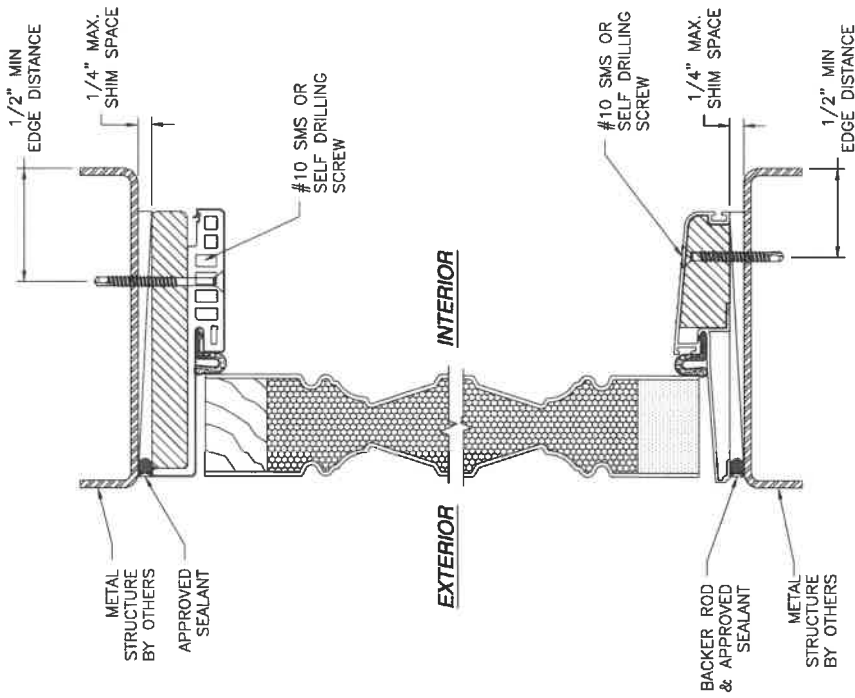
SIGNED: 11/16/2023

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		DRAWN: V.L.		DWG NO. 08-01360		REV F	
6"8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES IS SIDELITE W/FUSION FRAME INSTALLATION DETAILS		DATE 10/03/11		SHEET 21 OF 31		L. ROBERTO LOMAS P.E. 208 7th Ave. INDIANAPOLIS, IN 46203 434-888-0829 lromas@lromaspe.com	
Luis R. Lomas P.E. FL No.: 62514		PROFESSIONAL ENGINEER STATE OF FLORIDA No. 62514 License					

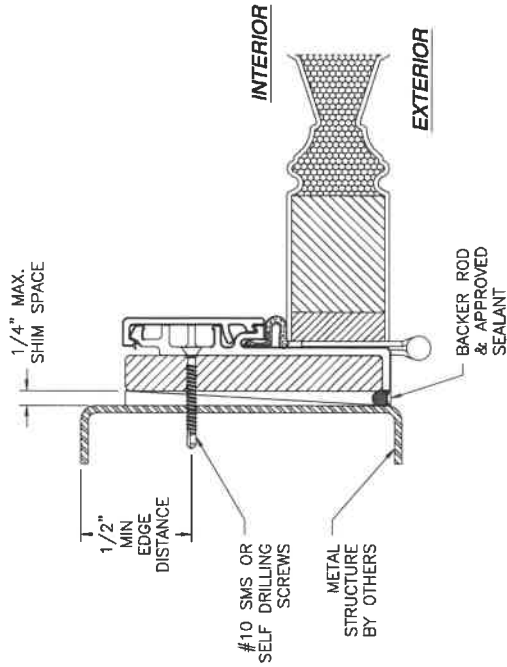


VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

- NOTES:
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SIGNED: 11/16/2023

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR
NON-IMPACT WITH OR WITHOUT SIDELITES
OS DOOR W/FUSION FRAME INSTALLATION DETAILS

DRAWN:
V.L.

DATE
10/03/11

SCALE
NTS

DWG NO.
08-01360

REV
F

SHEET
23 OF 31

L. ROBERTO LOMAS P.E.
208 7th Ave. INDIALANTIC, FL 32903
434-888-0609 rlomas@rlomaspe.com

FL No.: 62514

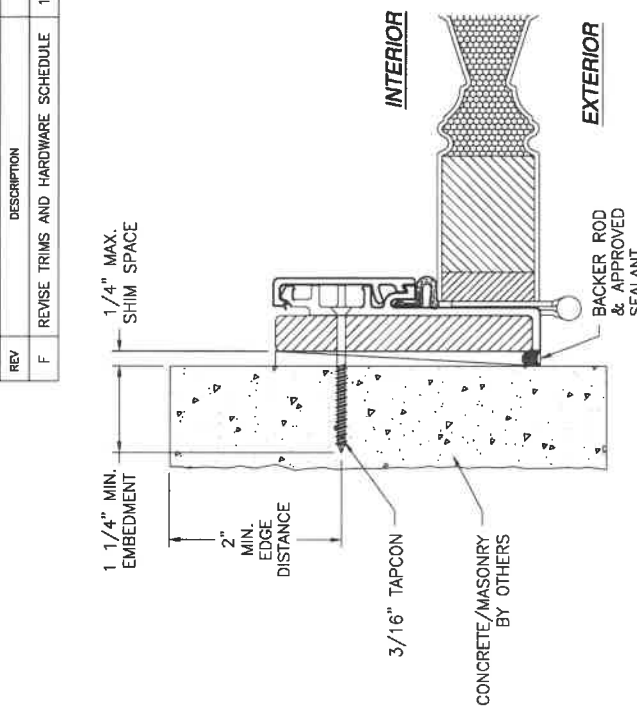
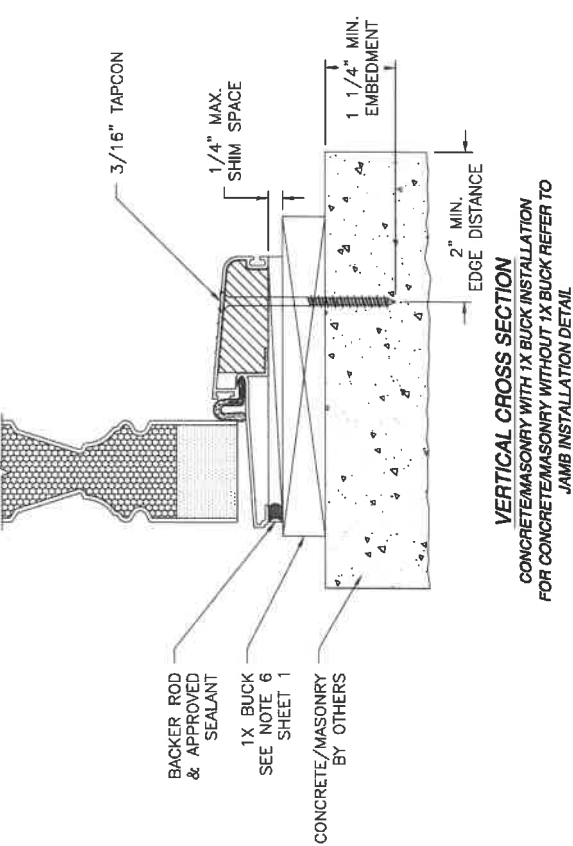
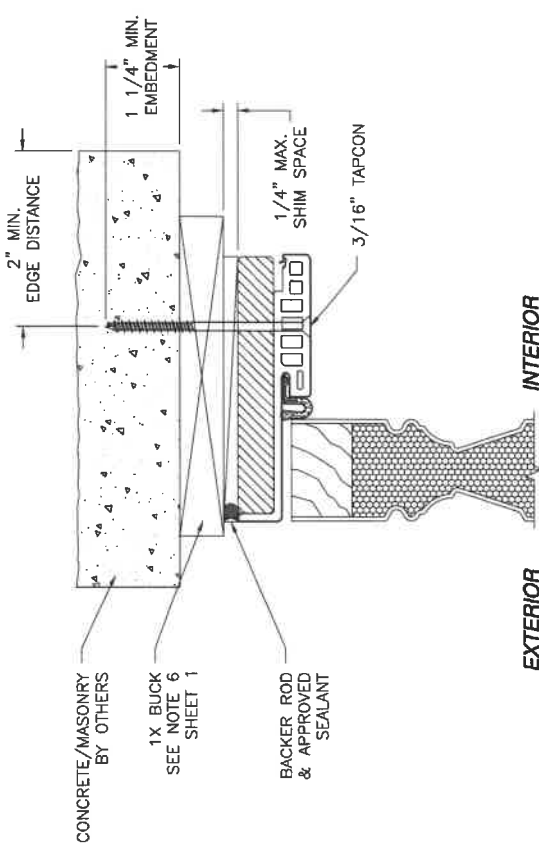
U.S. R. LOMAS

FL No. 62514

PROFESSIONAL ENGINEER

STATE OF FLORIDA

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

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SIGNED: 11/16/2023

PROVIA, LLC.
 2150 STATE ROUTE 39 WEST
 SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR
 NON-IMPACT WITH OR WITHOUT SIDELITES
 OS DOOR W/FUSION FRAME INSTALLATION DETAILS

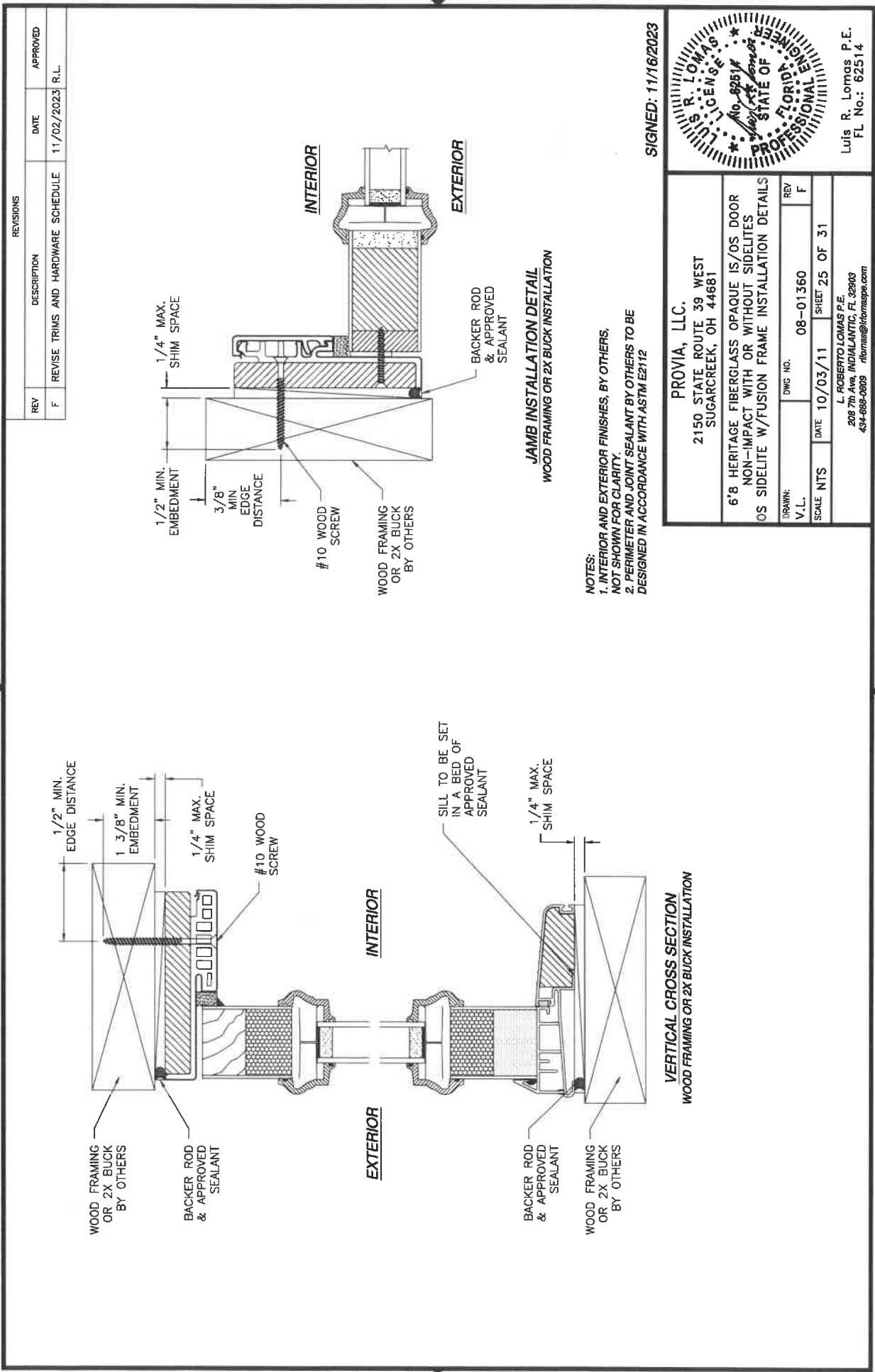
DRAWN: V.L.
 DATE: 10/03/11
 SCALE: NTS

REV: F
 SHEET 24 OF 31

DWG NO.: 08-01360

L. ROBERTO LOMAS P.E.
 208 7th Ave, INDIANLANTIC, FL 32903
 434-685-0629 rlomas@rlomaspe.com

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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.

NOTES:
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SIGNED: 11/16/2023

PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR
NON-IMPACT WITH OR WITHOUT SIDELITES
OS SIDELITE W/FUSION FRAME INSTALLATION DETAILS

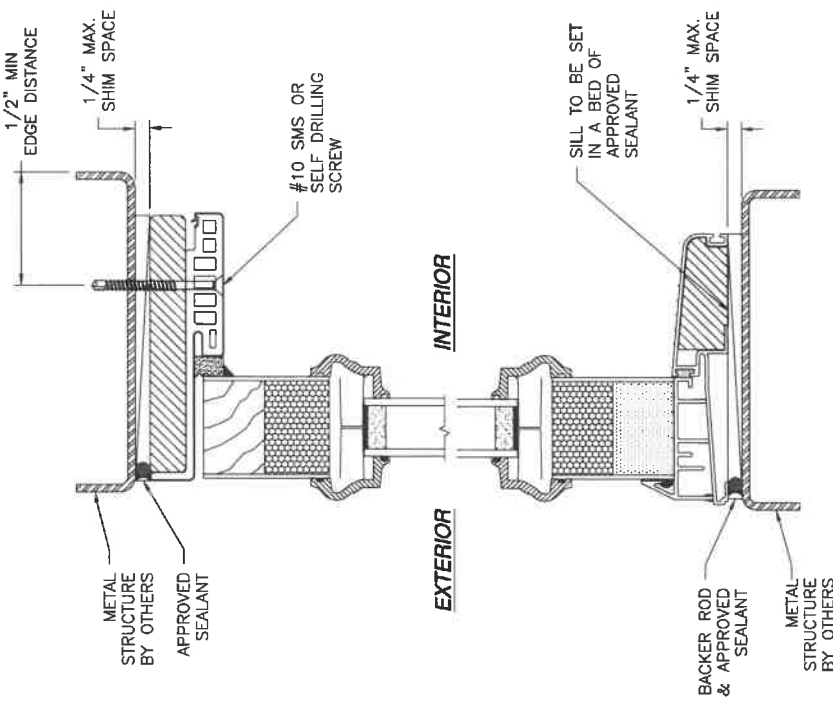
FRAMING: V.L.
DWG NO. 08-01360
DATE 10/03/11
SCALE NTS
SHEET 25 OF 31

U.S. R. LOMAS
P.E.
No. 62514
FLORIDA
PROFESSIONAL ENGINEER
STATE OF FLORIDA

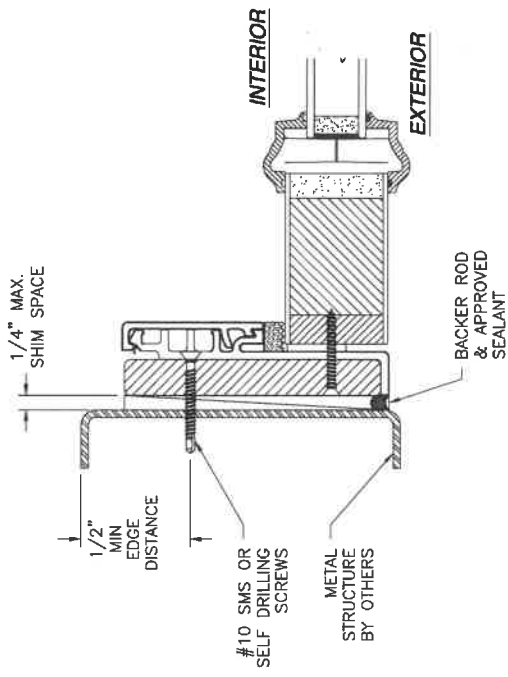
L. ROBERTO LOMAS P.E.
208 7th Ave. INDIANLANTIC, FL 32903
434-688-0603 rlomas@lromaspe.com

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



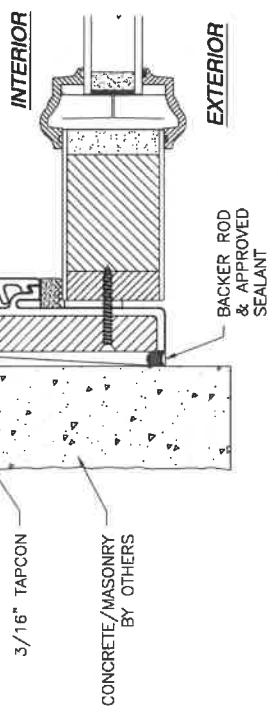
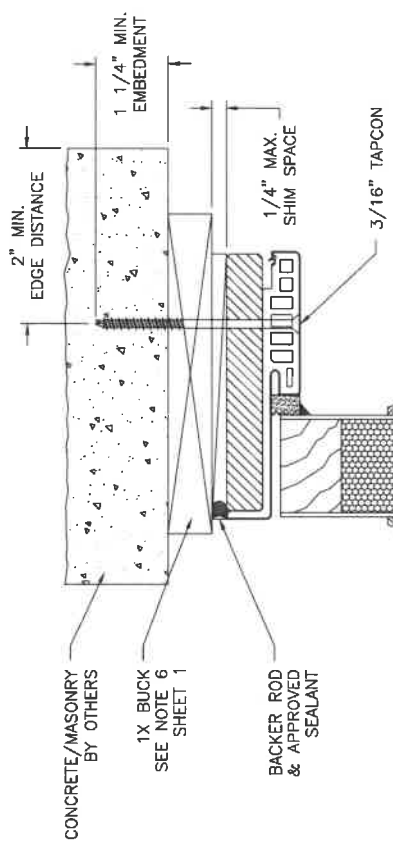
JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

NOTES:
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SIGNED: 11/16/2023

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES OS SIDELITE W/FUSION FRAME INSTALLATION DETAILS		DWG NO. 08-01360 REV F	LUIS R. LOMAS P.E. 208 7th Ave. INDIANLAND, FL 32903 434-688-0609 rlomas@lomaspe.com
FRAMING: V.L. SCALE: NTS DATE: 10/03/11	SHEET 26 OF 31		

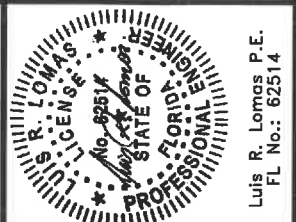
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



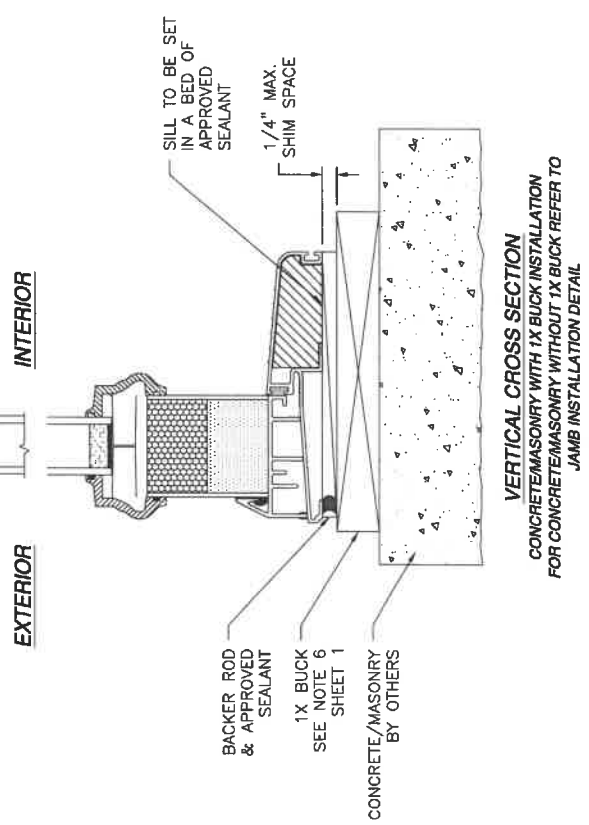
JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

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SIGNED: 11/16/2023



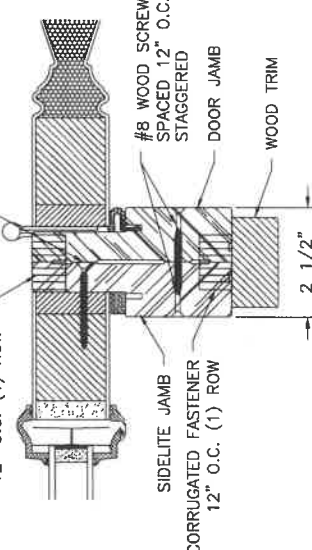
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681			
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES OS SIDELITE W/FUSION FRAME INSTALLATION DETAILS			
DRAWN: V.L.	DWG NO. 08-01360	REV F	DATE 10/03/11
SCALE NTS	DATE 10/03/11	SHEET 27 OF 31	REV F
L. ROBERTO LOMAS P.E. 208 7th Ave. INDIALANTIC, FL 33003 434-688-0808 rlomas@lromaspe.com			
Luis R. Lomas P.E. FL No.: 62514			



VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL

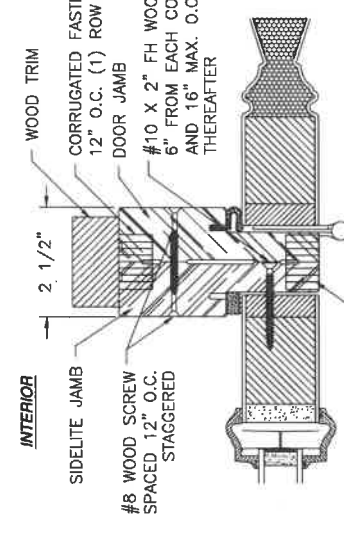
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.

INTERIOR
CORRUGATED FASTENER
12" O.C. (1) ROW
#10 X 2" FH WOOD SCREW
6" FROM EACH CORNER
AND 16" MAX. O.C.
THEREAFTER



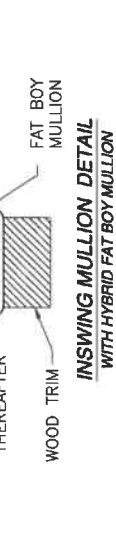
INSWING MULLION DETAIL
STANDARD FRAME SHOWN,
COMPOSITE AND FUSION FRAME SIMILAR

INTERIOR
CORRUGATED FASTENER
12" O.C. (1) ROW
#8 WOOD SCREW
SPACED 12" O.C.
STAGGERED
WOOD TRIM
2 1/2"

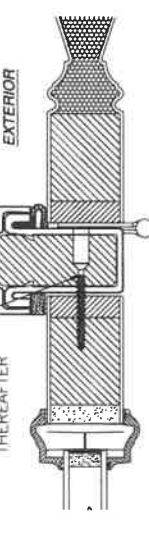


OUTSWING MULLION DETAIL
STANDARD FRAME SHOWN,
COMPOSITE AND FUSION FRAME SIMILAR

INTERIOR
#10 X 2"
FH WOOD SCREW
6" FROM EACH CORNER
AND 16" MAX O.C.
THEREAFTER
WOOD TRIM
FAT BOY
MULLION
DETAIL
WITH HYBRID FAT BOY MULLION



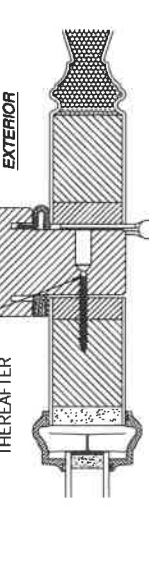
INTERIOR
#10 X 2"
FH WOOD SCREW
6" FROM EACH CORNER
AND 16" MAX O.C.
THEREAFTER
WOOD TRIM
FAT BOY
MULLION
DETAIL
WITH HYBRID FAT BOY MULLION



OUTSWING MULLION DETAIL
WITH HYBRID FAT BOY MULLION

INTERIOR
#10 X 2"
FH WOOD SCREW
6" FROM EACH CORNER
AND 16" MAX O.C.
THEREAFTER
WOOD TRIM
FAT BOY
MULLION
DETAIL
WITH FAT BOY MULLION

INTERIOR
#10 X 2"
FH WOOD SCREW
6" FROM EACH CORNER
AND 16" MAX O.C.
THEREAFTER
WOOD TRIM
FAT BOY
MULLION
DETAIL
WITH FAT BOY MULLION



OUTSWING MULLION DETAIL
WITH FAT BOY MULLION

SIGNED: 11/16/2023

PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6"8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR
NON-IMPACT WITH OR WITHOUT SIDELITES
MULLION INSTALLATION DETAILS

DRAWN:
V.L.

DWG NO.
08-01360

DATE
10/03/11

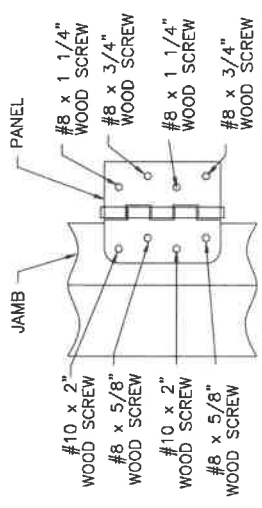
REV
F

SHEET
28 OF 31

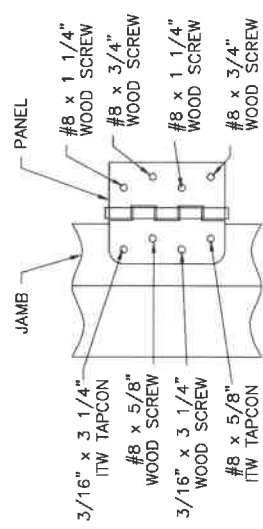
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIANALANTIC, FL 32903
434-688-0609 rlomas@rlomaspe.com

LUIS R. LOMAS
P.E.
FL No.: 62514

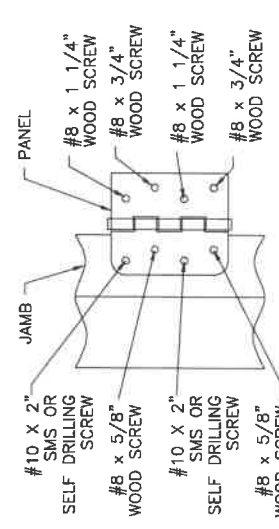
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



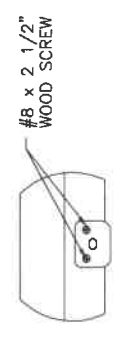
HINGE INSTALLATION DETAIL
2X BUCKWOOD FRAMING



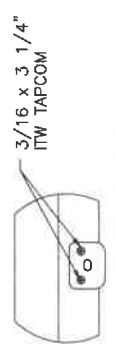
HINGE INSTALLATION DETAIL
MASONRY/CONCRETE



HINGE INSTALLATION DETAIL
METAL STRUCTURE



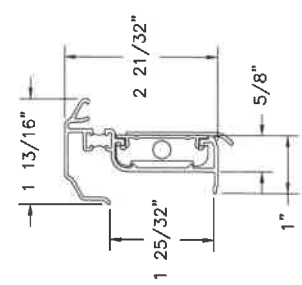
ASTRAGAL HEAD STRIKE DETAIL
2X BUCKWOOD FRAMING



ASTRAGAL HEAD STRIKE DETAIL
MASONRY/CONCRETE

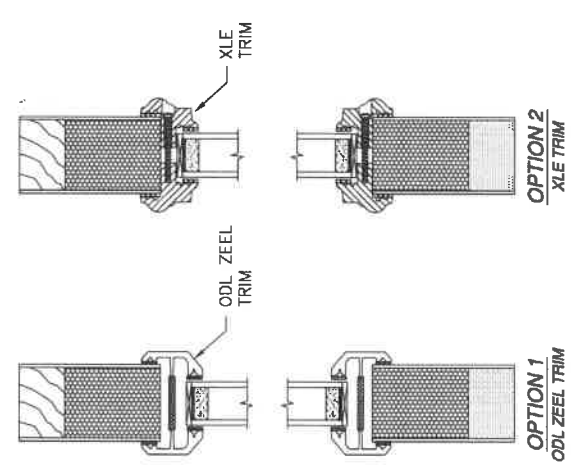


ASTRAGAL SILL DETAIL

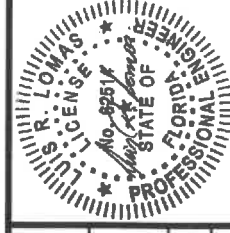


INSWING/OUTSWING HURRICANE ASTRAGAL DETAIL

APPROVED TRIMS



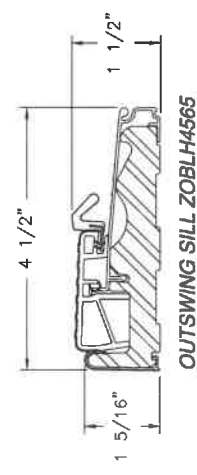
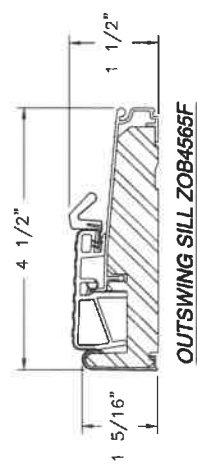
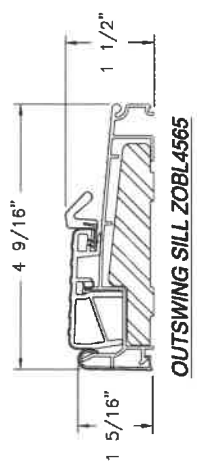
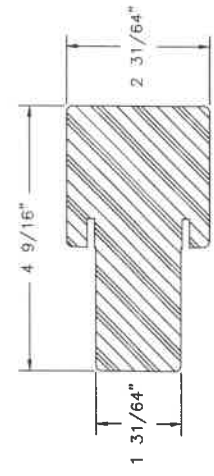
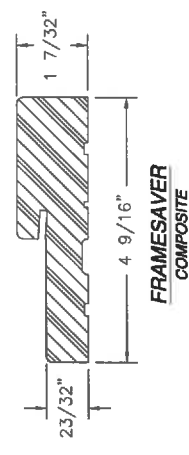
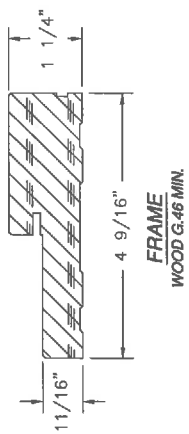
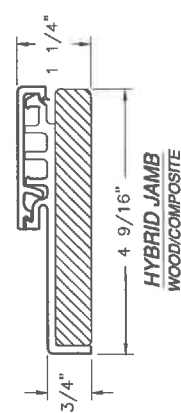
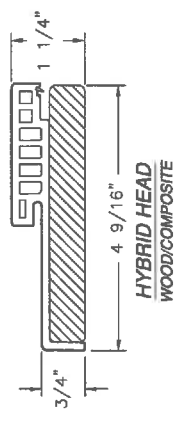
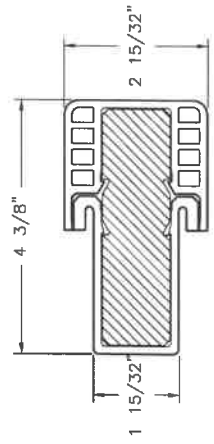
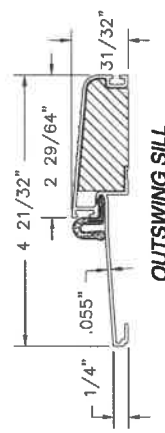
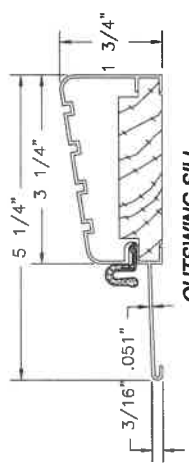
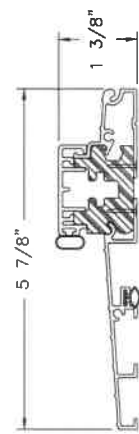
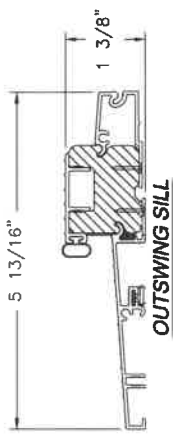
SIGNED: 11/16/2023



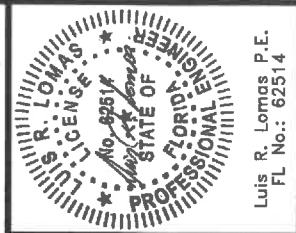
Luis R. Lomas P.E.
FL No.: 62514

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681	
6"8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES ASTRAGAL AND HINGES INSTALLATION DETAILS	
DRAWN: V.L.	DWG NO. 08-01360
SCALE NTS	DATE 10/03/11
REV F	SHEET 29 OF 31
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIAN LANTIC, FL 32809 434-688-0609 rloomas@lromaspe.com	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.

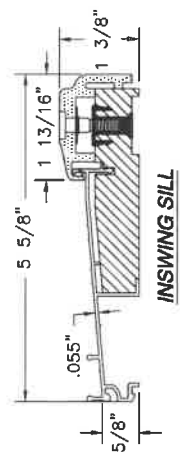
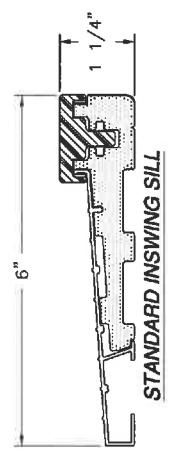
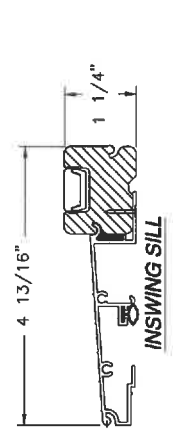
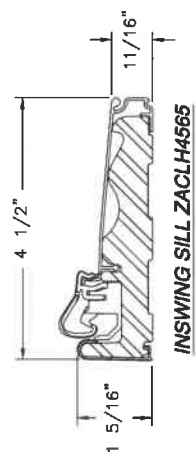
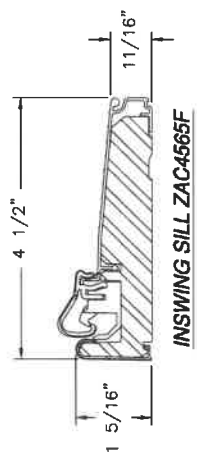
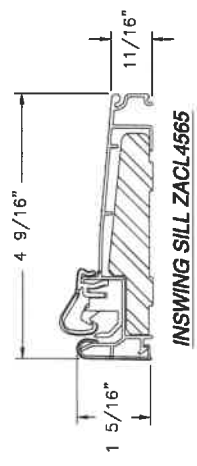
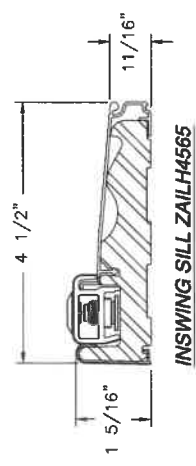
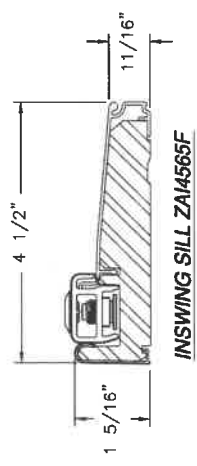
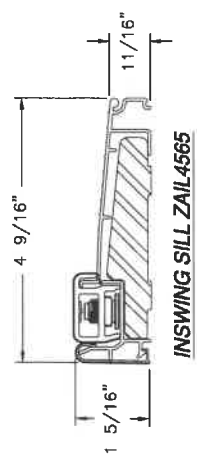


SIGNED: 11/16/2023



PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		REV	F
6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR NON-IMPACT WITH OR WITHOUT SIDELITES COMPONENTS		DWG NO.	08-01360
DATE	10/03/11	SHEET	30 OF 31
SCALE	NTS	DATE	10/03/11
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANALANTIC, FL 32903 434-688-0609 rlbomas@rlbomaspe.com		Luis R. Lomas P.E. FL No.: 62514	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISE TRIMS AND HARDWARE SCHEDULE	11/02/2023	R.L.



SIGNED: 11/16/2023

PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

6'8 HERITAGE FIBERGLASS OPAQUE IS/OS DOOR
NON-IMPACT WITH OR WITHOUT SIDELITES
COMPONENTS

DRAWN: V.L.
SCALE: NTS
DATE: 10/03/11
SHEET: 31 OF 31

REV: F

DWG NO: 08-01360

L. ROBERTO LOMAS P.E.
208 7th Ave. INDIAN LANTIC FL 32013
434-688-0609 rlomas@rlomaspe.com

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

