

Columbia County Permit Application - Owner and Contractor Signature Page

CODES: 2023 Florida Building Code 8th Edition and the 2020 National Electrical Code

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

TIME LIMITATIONS OF APPLICATION: An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless pursued in good faith or a permit has been issued.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW - Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO CONTRACTOR AND AGENT: YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

(Digital signatures accepted, with proof of verification.)

MARCUS ROSE
Printed Owners Name

Marcus Rose
Owners Signature

****Property owners must sign here before any permit will be issued.**



CONTRACTORS AFFIDAVIT: By my signature, I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

[Signature]
Contractor's Signature

Contractor's License Number CGC1522249
Columbia County
Competency Card Number _____

Affirmed and subscribed before me the Contractor by means of physical presence or online notarization, this 29 day of May 2025, who was personally known or produced ID Known

Myrna A. James
State of Florida Notary Signature (For the Contractor)

SEAL:  Myrna A. James
Comm.: HH 32251 -
Expires: October 17, 2026
Notary Public - State of Florida
 Myrna A. James
Comm.: HH 322514
Expires: October 17, 2026
Notary Public - State of Florida
Revised 12/2023



Order Summary

dba: RENEWAL BY ANDERSEN OF NORTH AND CENTRAL FLORIDA

Legal Name: JLM Windows, LLC | License # CGC1527613
 9446 Phillips Hwy Unit 6 | Jacksonville, FL 32256
 Phone: (904)267-1270 | Fax: 407-386-8262 | concierge@rbafla.com
 Measure Tech: Thomas Nessel, (407)385-4357

Marcus & Carol Risk
 2243 SE Country Club Road
 Lake City, FL 32025
 Year Built: 2000
 H: (386)324-2764

ID#	ROOM	SIZE	DETAILS
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JOB

101	Living	70-1/2"	79-1/2"	Patio Door: Gliding, 200 Series Perma-Shield, 2 Panel, Active / Stationary, Aluminum Sill, Exterior White, Interior White Performance Calculator: PG Rating: 25 DP Rating: + 25 / - 25 Glass: All Sash: Tempered High Perf. SmartSun Glass Hardware: Tribeca®, Stone Screen: No Screen Grille Style: No Grille Misc: None Construction: None Material: 2.25" x 5/8" L-Trim, (12 ft), White (2), F-Trim, (12 ft), White (2), Caulk - White Exterior (2), Interior Caulk- White (1), #10 X 3.5" Deck Screws (Wood Frame) (0.25), 1/16 Flat Shims (1), 1/32 Flat Shims (1), Flashing Tape (0.5), Foam: Low Expansion Polyurethane (1)
		70-1/2"	79-1/2"	

102	Living	70-1/2"	79-1/2"	Patio Door: Gliding, 200 Series Perma-Shield, 2 Panel, Stationary / Active, Aluminum Sill, Exterior White, Interior White Performance Calculator: PG Rating: 25 DP Rating: + 25 / - 25 Glass: All Sash: Tempered High Perf. SmartSun Glass Hardware: Tribeca®, Stone Screen: No Screen Grille Style: No Grille Misc: None Construction: None Material: 2.25" x 5/8" L-Trim, (12 ft), White (2), F-Trim, (12 ft), White (2), Caulk - White Exterior (2), Interior Caulk- White (1), #10 X 3.5" Deck Screws (Wood Frame) (0.25), 1/16 Flat Shims (1), 1/32 Flat Shims (1), Flashing Tape (0.5), Foam: Low Expansion Polyurethane (1)
		70-1/2"	79-1/2"	

PRODUCTS: 2 WINDOWS: 0 PATIO DOORS: 2 ENTRY DOORS: 0 SPECIALTY: 0 MISC: 0

Updated 4/15/26

JOB NOTES

- Drywall return
- Tile flooring
- Replace all trim-interior and exterior. Need to pad out the openings
- Pick up brick mold for exterior trim
- Brick exterior

Estimated Duration: 1 days



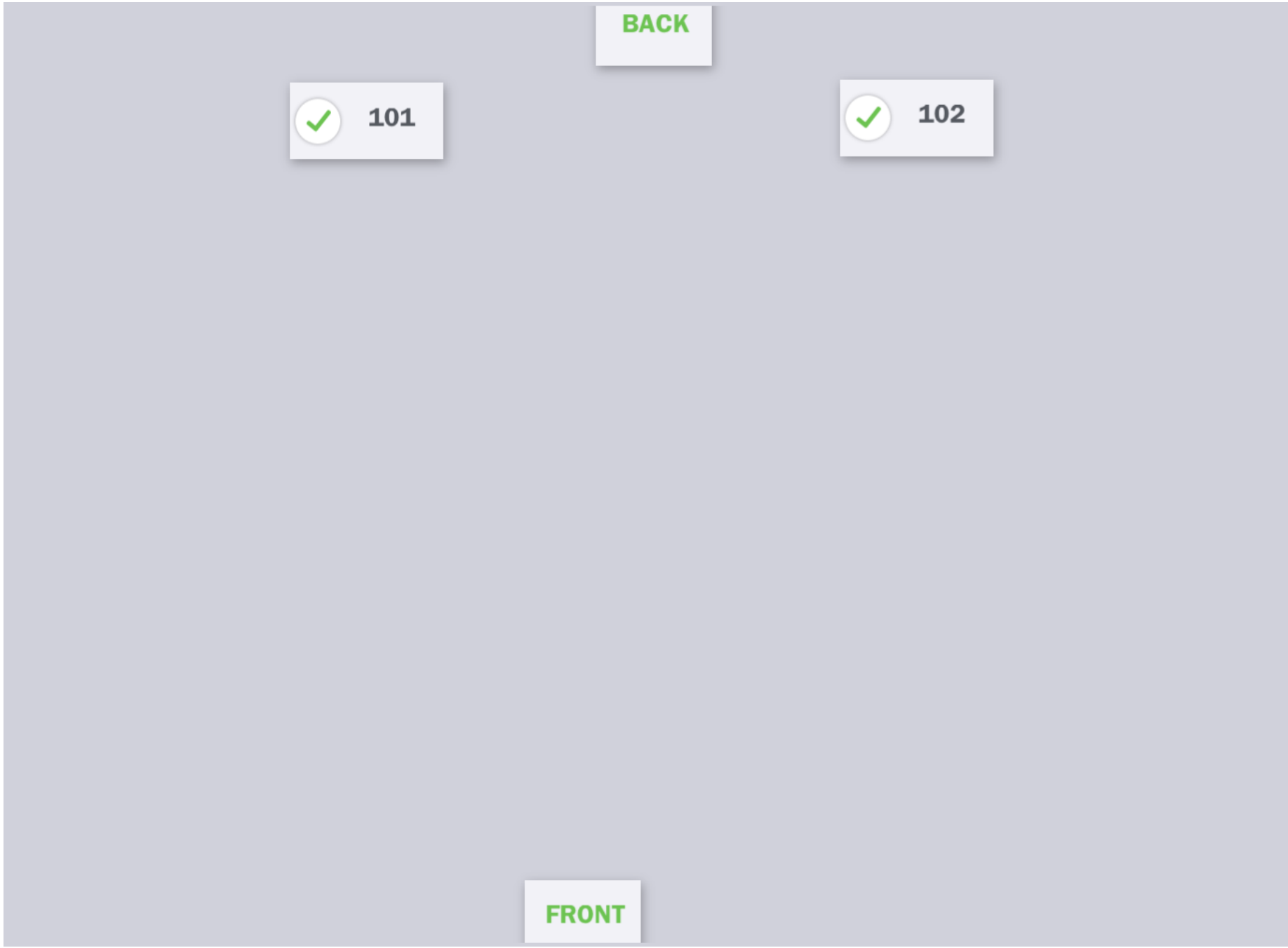
Order Summary

dba: RENEWAL BY ANDERSEN OF NORTH AND CENTRAL FLORIDA

Legal Name: JLM Windows, LLC | License # CGC1527613
9446 Phillips Hwy Unit 6 | Jacksonville, FL 32256
Phone: (904)267-1270 | Fax: 407-386-8262 | concierge@rbafla.com
Measure Tech: Thomas Nessel, (407)385-4357

Marcus & Carol Risk
2243 SE Country Club Road
Lake City, FL 32025
Year Built: 2000
H: (386)324-2764

FLOORPLAN - 1ST FLOOR



UNIT NOTES

JOB PHOTOS



Product Approval
USER: Public User

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

OFFICE OF THE SECRETARY

FL #	FL14429-R14
Application Type	Revision
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: Alan Barstad
 Address/Phone/Email: 100 Fourth Avenue North
 Bayport, MN 55033
 (651) 265-5308
 abarstad@andersencorp.com

Quality Assurance Representative: Alan Barstad
 Address/Phone/Email: 100 Fourth Avenue North
 Bayport, MN 55003
 (651) 264-5308
 abarstad@andersencorp.com

Category: Exterior Doors
 Subcategory: Sliding Exterior Door Assemblies

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 [FL14429_R14_COI_COI Andersen SS 2021-10-18.pdf](#)

Referenced Standard and Year (of Standard)	Standard	Year
	AAMA/WDMA/CSA 101/I.S.2/A440	2017
	ASTM E1886	2019
	ASTM E1996	2020
	TAS 201	1994
	TAS 202	1994

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted 12/26/2023
Date Validated 12/28/2023
Date Pending FBC Approval 01/03/2024
Date Approved 02/13/2024

Summary of Products

FL #	Model, Number or Name	Description
14429.1	100 Series Gliding Patio Door, Transom, & Sidelight (Non-HVHZ) (Non-Impact)	100 Series Gliding Patio Door, Transom, & Sidelight (Non-HVHZ)(Non-Impact)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +30/-30 Other: See Installation Instructions and Evaluation report for allowable sizes, installation requirements and limits of use.		Installation Instructions FL14429_R14_II_AWD120_SS_2023-08-14.pdf Verified By: Hermes F. Norero, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes Evaluation Reports FL14429_R14_AE_PER6661_SS_2023-08-14.pdf Created by Independent Third Party: Yes
14429.2	200 Series Narroline Gliding Patio Door (Non-HVHZ)(Non-Impact)	200 Series Narroline Gliding Patio Door (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 Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.		Installation Instructions FL14429_R14_II_AWD112_SS_2023-08-14.pdf Verified By: Hermes F. Norero, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes Evaluation Reports FL14429_R14_AE_PER6662_SS_2023-08-14.pdf Created by Independent Third Party: Yes
14429.3	200 Series Perma-Shield Gliding Patio Door (Non-HVHZ)(Non-Impact)	200 Series Perma-Shield Gliding Patio Door (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 Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.		Installation Instructions FL14429_R14_II_AWD191_SS_2023-08-14.pdf Verified By: Hermes F. Norero, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes Evaluation Reports FL14429_R14_AE_PER6663_SS_2023-08-14.pdf Created by Independent Third Party: Yes
14429.4	400 Series Gliding Patio Door (Non-HVHZ)(Non-Impact)	400 Series Gliding Patio Door (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 Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.		Installation Instructions FL14429_R14_II_AWD117_SS_2023-08-14.pdf Verified By: Hermes F. Norero, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes Evaluation Reports FL14429_R14_AE_PER6664_SS_2023-08-14.pdf Created by Independent Third Party: Yes
14429.5	A-Series Gliding Patio Door (Non-HVHZ)(Non-Impact)	A-Series Gliding Patio Door (Non-HVHZ)(Non-Impact)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No		Installation Instructions FL14429_R14_II_AWD306_SS_2022-08-16.pdf Verified By: Hermes F. Norero, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes

	Design Pressure: N/A Other: See Installation Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.	Evaluation Reports FL14429_R14_AE_PER8112_SS_2022-08-16.pdf Created by Independent Third Party: Yes
14429.6	A-Series Gliding Patio Door with PG Upgrade (HVHZ)(Non-Impact)	A-Series Gliding Patio Door with PG Upgrade (HVHZ)(Non-Impact)
	Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: See Installation Instructions and Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.	Installation Instructions FL14429_R14_II_AWD119_SS_2023-12-22.pdf Verified By: Hermes F. Norero, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes Evaluation Reports FL14429_R14_AE_PER9052_SS_2023-12-28.pdf Created by Independent Third Party: Yes
14429.7	A-Series Gliding Patio Door with Stormwatch Protection (HVHZ) (Impact)	A-Series Gliding Patio Door with Stormwatch Protection (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 Evaluation report for allowable design pressures, sizes, installation requirements and limits of use.	Installation Instructions FL14429_R14_II_AWD118_SS_2023-12-22.pdf Verified By: Hermes F. Norero, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes Evaluation Reports FL14429_R14_AE_PER9051_SS_2023-12-22.pdf Created by Independent Third Party: Yes

[Back](#)

[Next](#)

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398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

Product Evaluation Report

of

**Andersen Corporation
400 Series Gliding Patio Door
(Non-HVHZ) (Non-Impact)**

for

Florida Product Approval

FL# FL14429

Report No. 6664

Current Florida Building Code

**Method: 1 – D (Engineering Evaluation)
Category: Exterior Doors
Sub – Category: Sliding Exterior Door Assemblies**

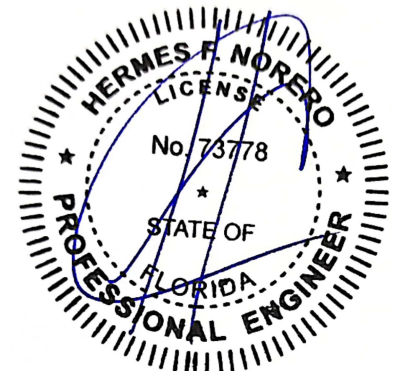
**Product: 400 Series Gliding Patio Door
(Non-HVHZ) (Non-Impact)
Materials: Wood/Aluminum/PVC
Product Dimensions: See Installation Instructions, AWD117**

Prepared for:

**Andersen Corporation
100 Fourth Avenue N.
Bayport, MN 55003-1096**

Prepared by:

**Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 6/16/2023**



Contents:

Evaluation Report Pages 1 – 4

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.14 20:30:40 -04'00'

Hermes F. Norero, P.E.
Florida P.E. No. 73778

398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

Manufacturer: Andersen Corporation

Product Category: Exterior Doors

Product Sub-Category: Sliding Exterior Door Assemblies

Compliance Method: State Product Approval Method (1)(d)

Product Name: 400 Series Gliding Patio Door
(Non-HVHZ) (Non-Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Andersen Corporation** based on Method 1d of the State of Florida Product Approval, Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the current Florida Building Code.

See Installation Instructions **AWD117**, signed and sealed by Hermes F. Norero, P.E. (FL # 73778) for specific use parameters.

Limits of Use:

1. This product has been evaluated and is in compliance with the current Florida Building Code, **excluding** the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Chapter 16 of the current Florida Building Code and **does require** an impact resistant covering.
4. Site conditions that deviate from the details of installation instructions **AWD117** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **AWD117** for size and design pressure limitations.

398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

Quality Assurance: The manufacturer has demonstrated compliance of manufacture of products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Window and Door Manufacturers Association** (FBC Organization # QUA2515).

Performance Standards: The product described herein has been evaluated per:

- AAMA/WDMA/CSA 101/I.S.2/A440-17
- Florida Building Code Section 1709.8

Referenced Data:

1. Product Testing performed by **Architectural Testing Inc.**
(FBC Organization # TST1558)
Report: Report Date:
C2573.01-201-47 10/04/12
98094.01-201-47 04/06/10
98092.01-201-47 04/06/10
98093.01-201-47 04/06/10
98089.01-201-47 04/06/10
2. Quality Assurance
Window and Door Manufacturers Association
(FBC Organization #: QUA2515)

Installation:

Refer to Installation Instructions (**AWD117**) for anchor types, spacing, and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**AWD117**) for design pressure configurations.

Equivalence of Test Standards:

Various test standards have been evaluated for differences in test methodology, if any, between tested editions of the test standards listed below and those editions referenced in the current Florida Building Code. Andersen Corporation has tested their products to the following test standard edition(s):

- 1) AAMA/WDMA/CSA 101/I.S.2/A440-08

Chapter 35 of the current Florida Building Code references the following editions of the above mentioned test standards:

- 1) AAMA/WDMA/CSA 101/I.S.2/A440-17

After review of the above mentioned referenced standards and editions, it has been found that the results and tests carried out meet the requirements for compliance. All referenced standards have been found to be equivalent.

6/8/2023 2:32 PM

s:\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwg\114429\awd191.dwg

ANDERSEN CORPORATION

200 SERIES PERMA-SHIELD GLIDING PATIO DOOR (NON-HVHZ)(NON-IMPACT)



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 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.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 3/8". SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- THROUGH FRAME:** FOR INSTALLATION INTO 2X BUCK OR FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE AND MAINTAIN MINIMUM 3/4" EDGE DISTANCE.
- THROUGH FRAME:** FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16" ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT AND MAINTAIN MINIMUM 2" EDGE DISTANCE.
- THROUGH FRAME:** FOR INSTALLATION INTO METAL SUBSTRATES USE #10 GRADE 5 SELF-DRILLING OR SELF-TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE AND MAINTAIN MINIMUM 3/4" EDGE DISTANCE.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 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.
- 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90. MIN BLOCK COMPRESSIVE STRENGTH 2000 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 33 MILS (20 GAUGE).
 - ALUMINUM - MINIMUM 6063-T5 ALLOY. MINIMUM WALL THICKNESS OF 1/8".

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/1.S.2/A440-17
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD 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.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR MATERIAL: WOOD AND VINYL
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAIL.
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
 - X: ACTIVE PANEL
 - O: STATIONARY PANEL
- CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL AND INSTALLATION NOTES
2	ELEVATIONS & ANCHOR LAYOUTS
3	VERTICAL SECTIONS
4	VERTICAL SECTIONS & GLAZING DETAIL
5	HORIZONTAL SECTIONS
6	SIDELITE MULLIONS
7	MULLION ANCHOR DETAILS

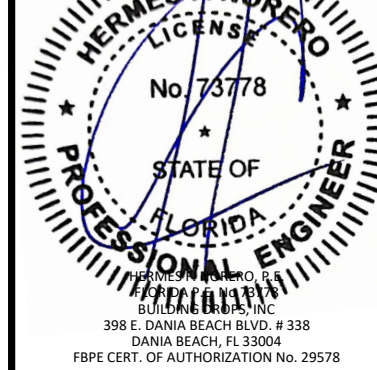
DESIGN PRESSURE RATING				
PRODUCT	O.A. SIZE	CONFIGURATION	DESIGN PRESSURE	MISSILE IMPACT RATING
PSGPD4380S IG	50 3/8" X 95 1/2"	O	+45.0 / -45.0 PSF	NON-IMPACT
PSGPD8180AS IG	96" X 95 1/2"	XO	+25.0 / -25.0 PSF	
PSGPD81611AS DPUP IG	96" X 82 3/8"	XO	+40.0 / -40.0 PSF	

TITLE: 200 SERIES PERMA-SHIELD GLIDING PATIO DOOR (NON-HVHZ)(NON-IMPACT)
GENERAL AND INSTALLATION NOTES
PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
8TH FBC CODE CHANGE	SH	5.24.23

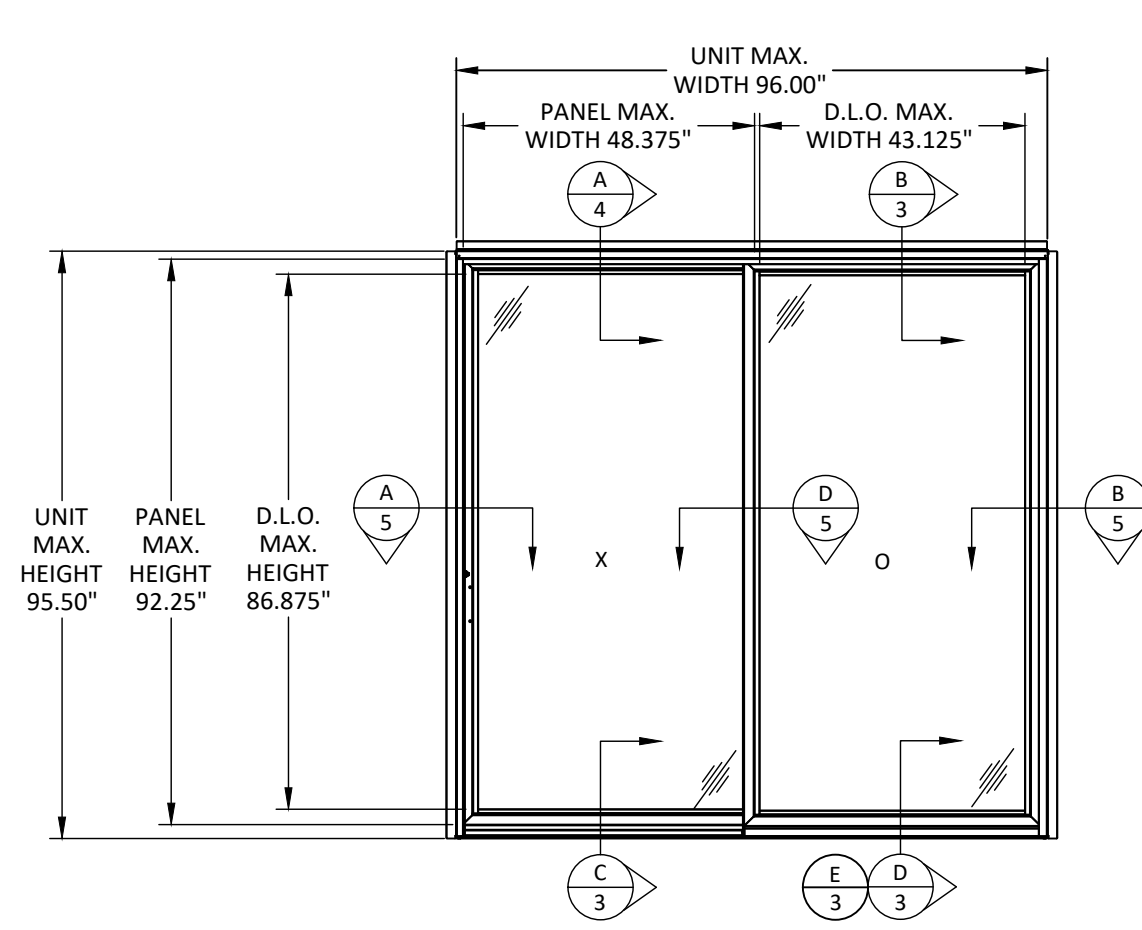
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.14 20:58:08 -0400

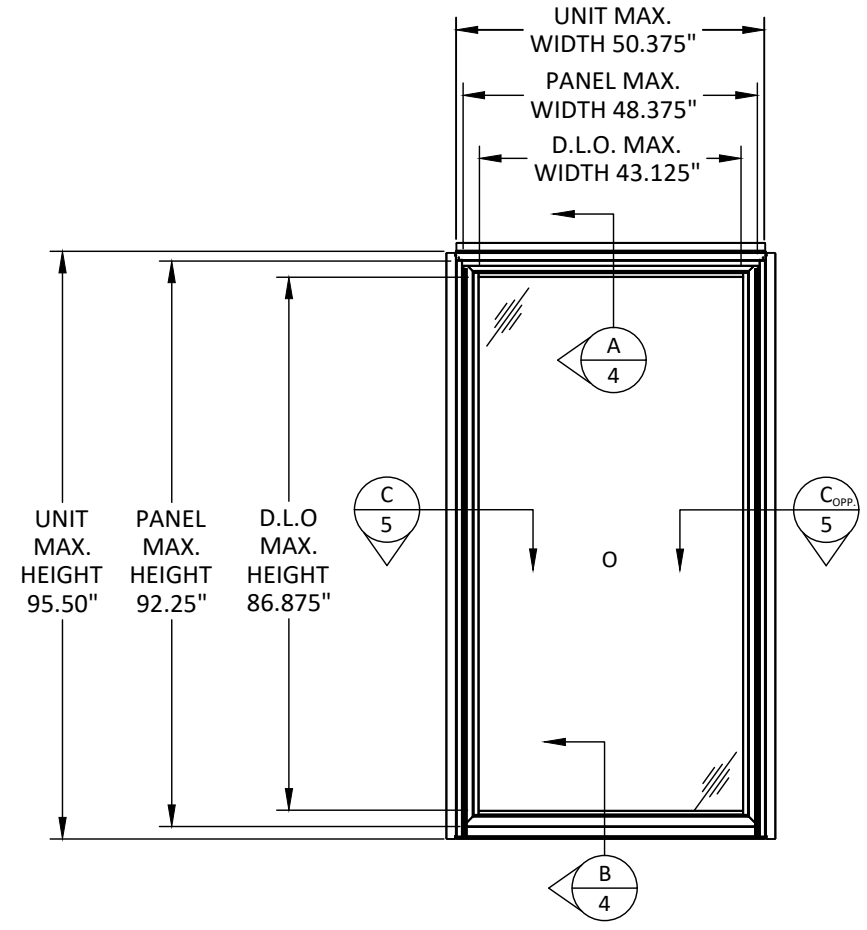


FL #: **FL14429**
DATE: **10.16.17**
DWG. BY: **SM** | CHK. BY: **HFN**
SCALE: **NTS**
DWG. #: **AWD191**
SHEET: **1** OF 7

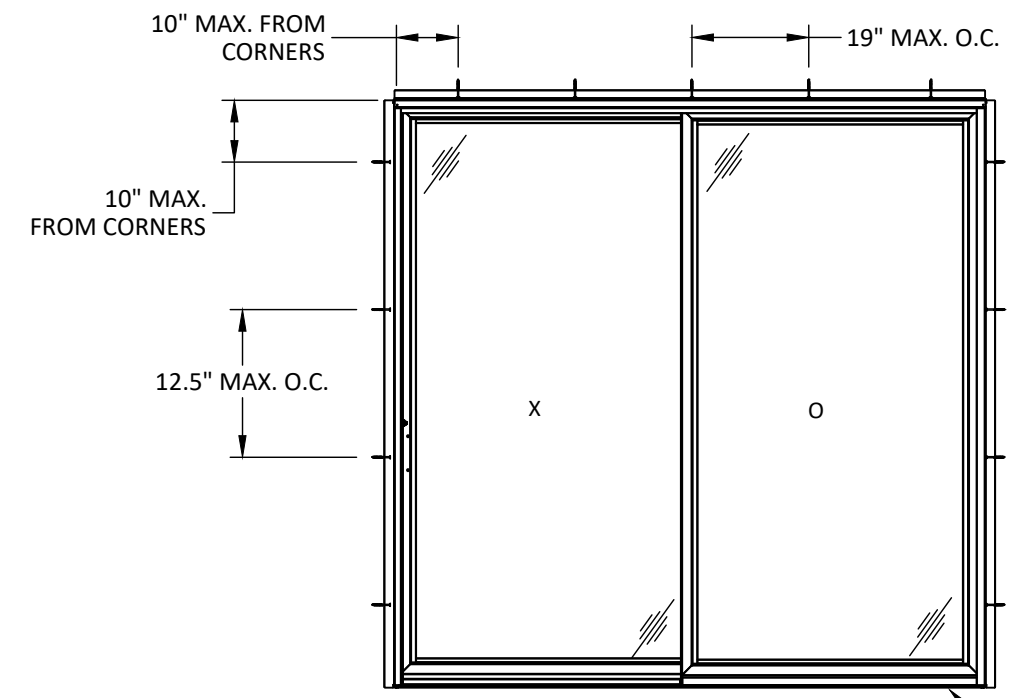
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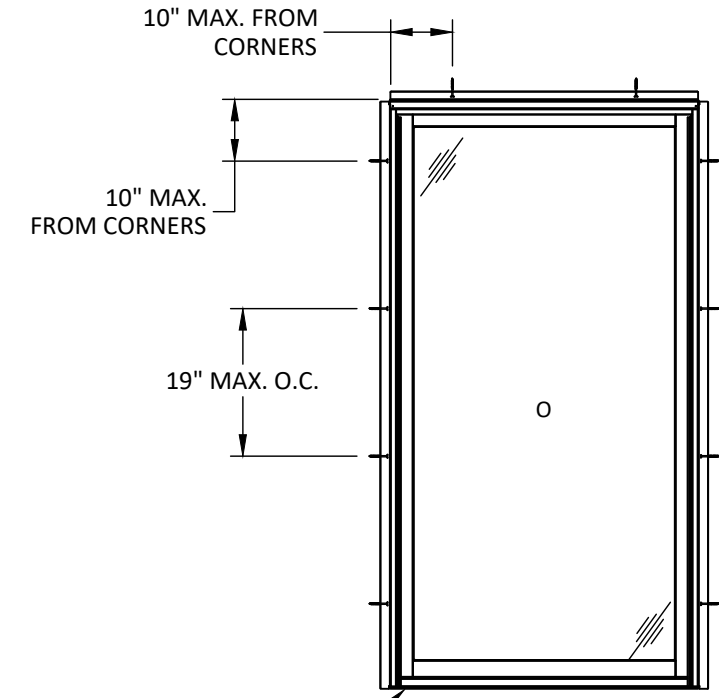
ELEVATION



ELEVATION



ANCHOR LAYOUT THROUGH FRAME INSTALLATION



ANCHOR LAYOUT THROUGH FRAME INSTALLATION

SET ENTIRE SILL IN BED OF STRUCTURAL SILICONE SEALANT, (MIN THREE 1/2" BEADS)



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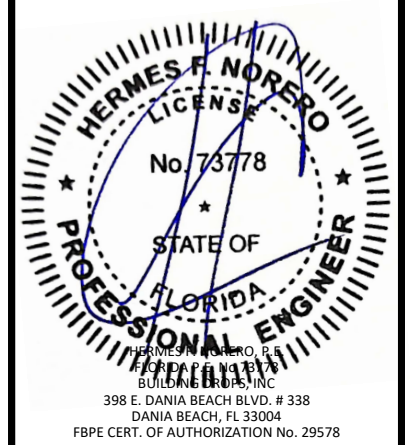
TITLE: 200 SERIES PERMA-SHIELD
GLIDING PATIO DOOR
(NON-HVHZ)/(NON-IMPACT)
ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY:
BUILDING DROPS, INC.
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DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744-4738
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7TH FBC CODE CHANGE	SR	3.18.20
8TH FBC CODE CHANGE	SH	5.24.23

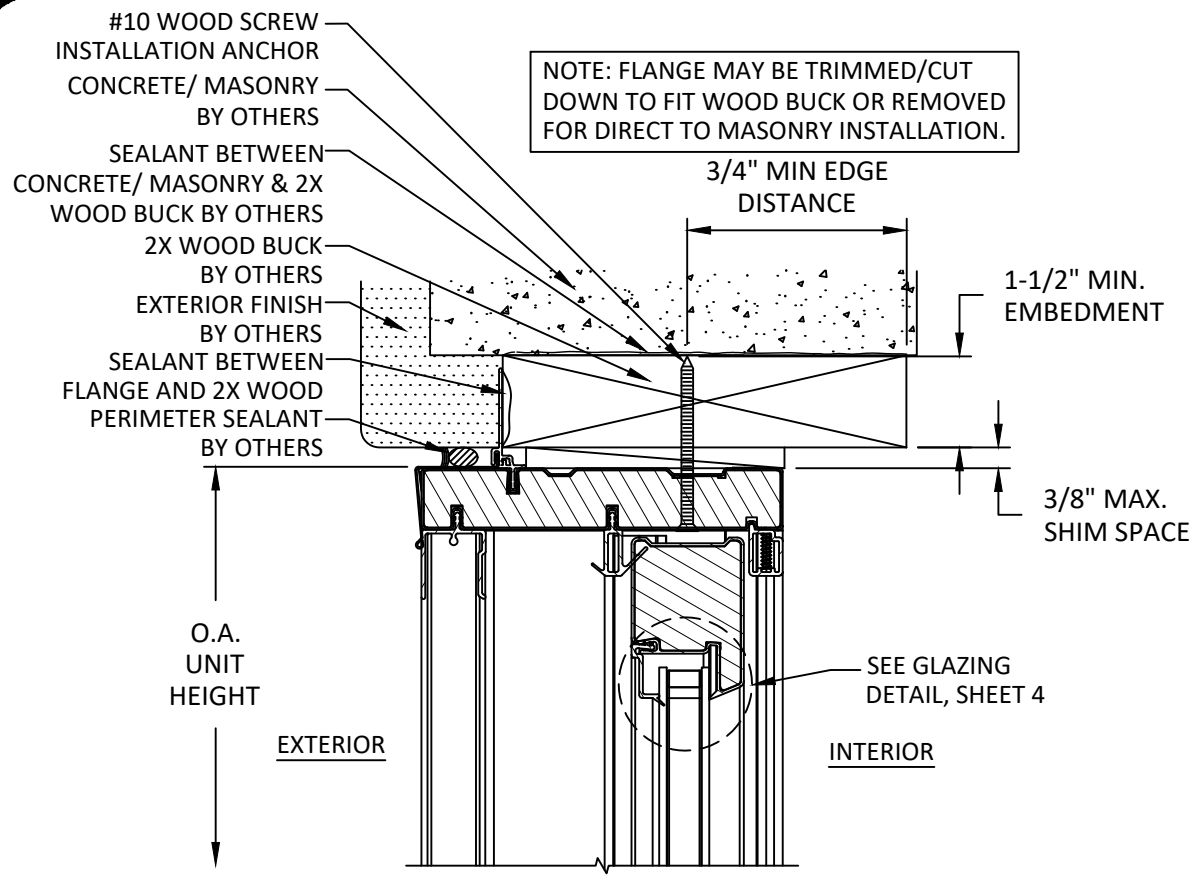
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT



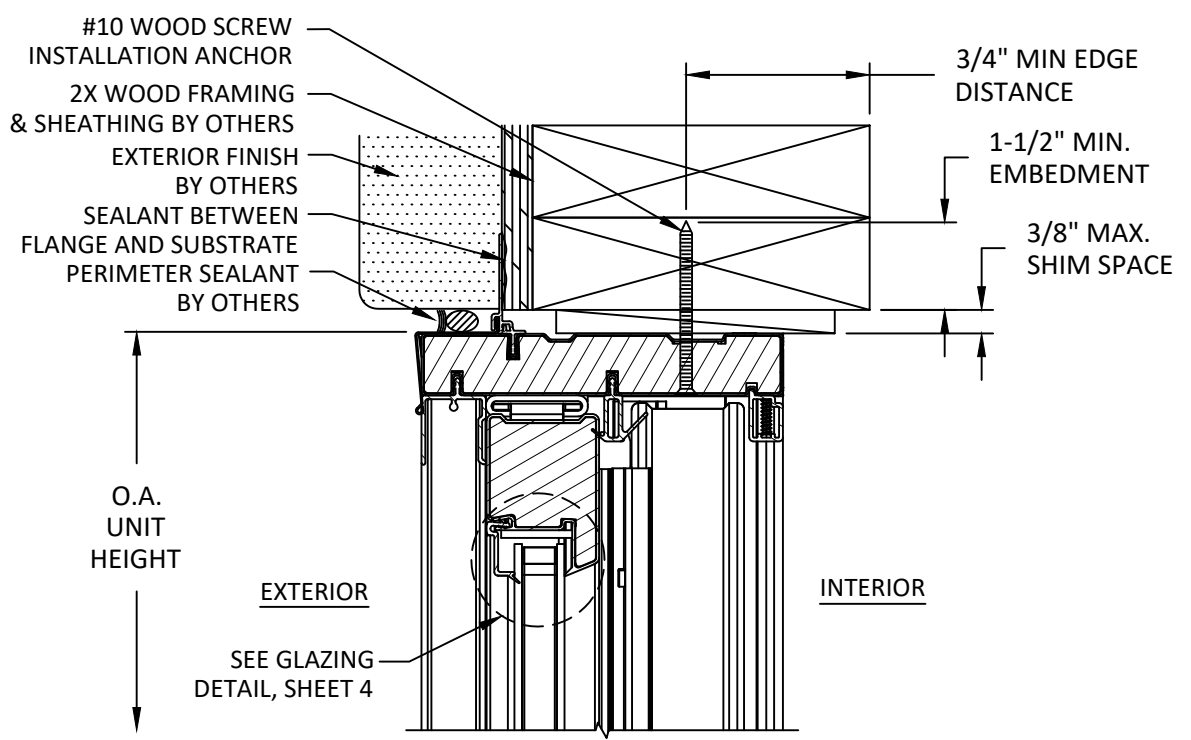
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DWG. #:	AWD191

SHEET:
2
OF 7

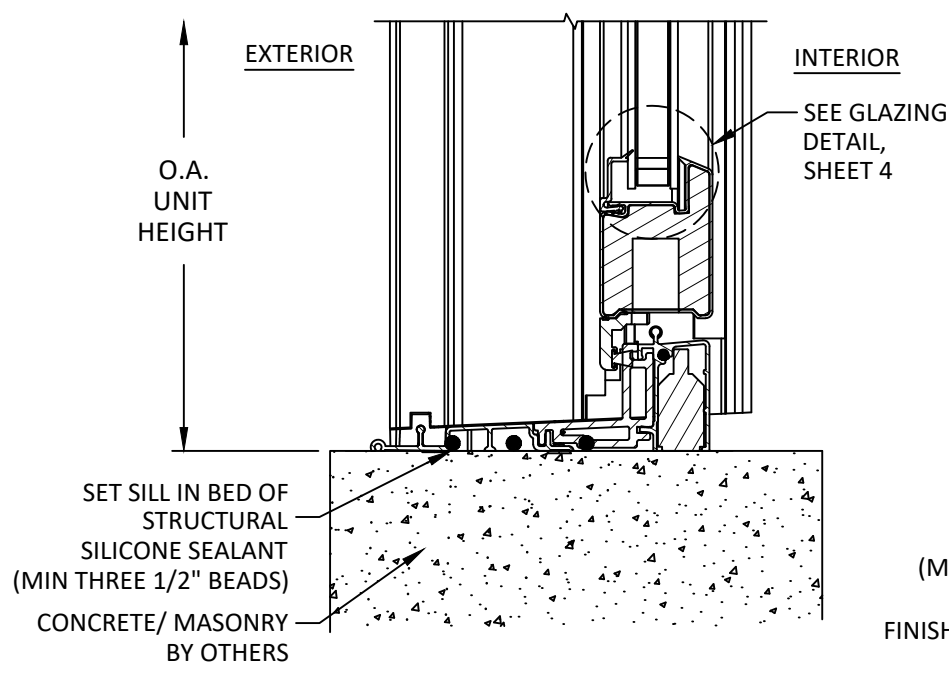
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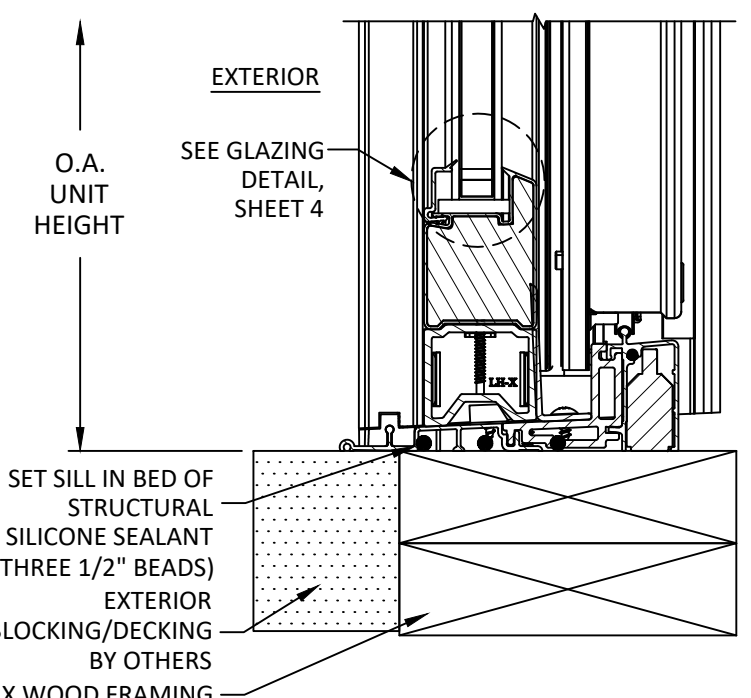
A
3 VERTICAL SECTION
HEAD - 2X WOOD/CONCRETE/MASONRY THROUGH FRAME



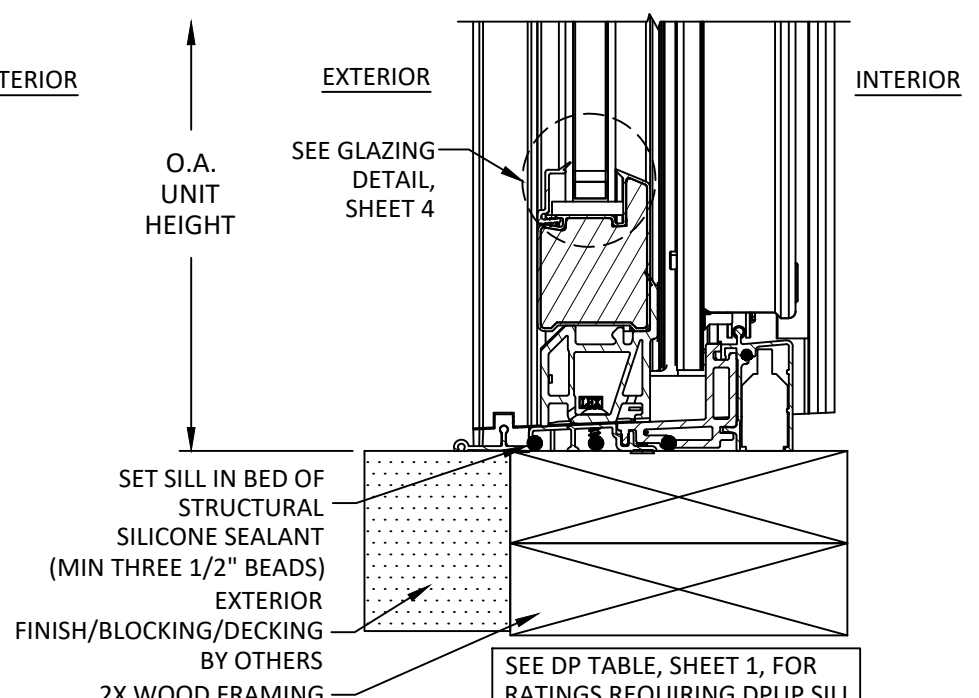
B
3 VERTICAL SECTION
HEAD - 2X WOOD FRAMING THROUGH FRAME



C
3 VERTICAL SECTION
SILL - CONCRETE



D
3 VERTICAL SECTION
STANDARD SILL - 2X WOOD



E
3 VERTICAL SECTION
DPUP SILL - 2X WOOD



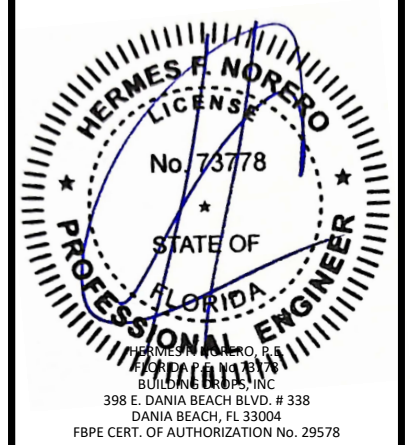
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BAYPORT, MN 55003-1096
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TITLE: 200 SERIES PERMA-SHIELD
GLIDING PATIO DOOR
(NON-HVHZ)/(NON-IMPACT)
VERTICAL SECTIONS

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WEB: www.buildingdrops.com

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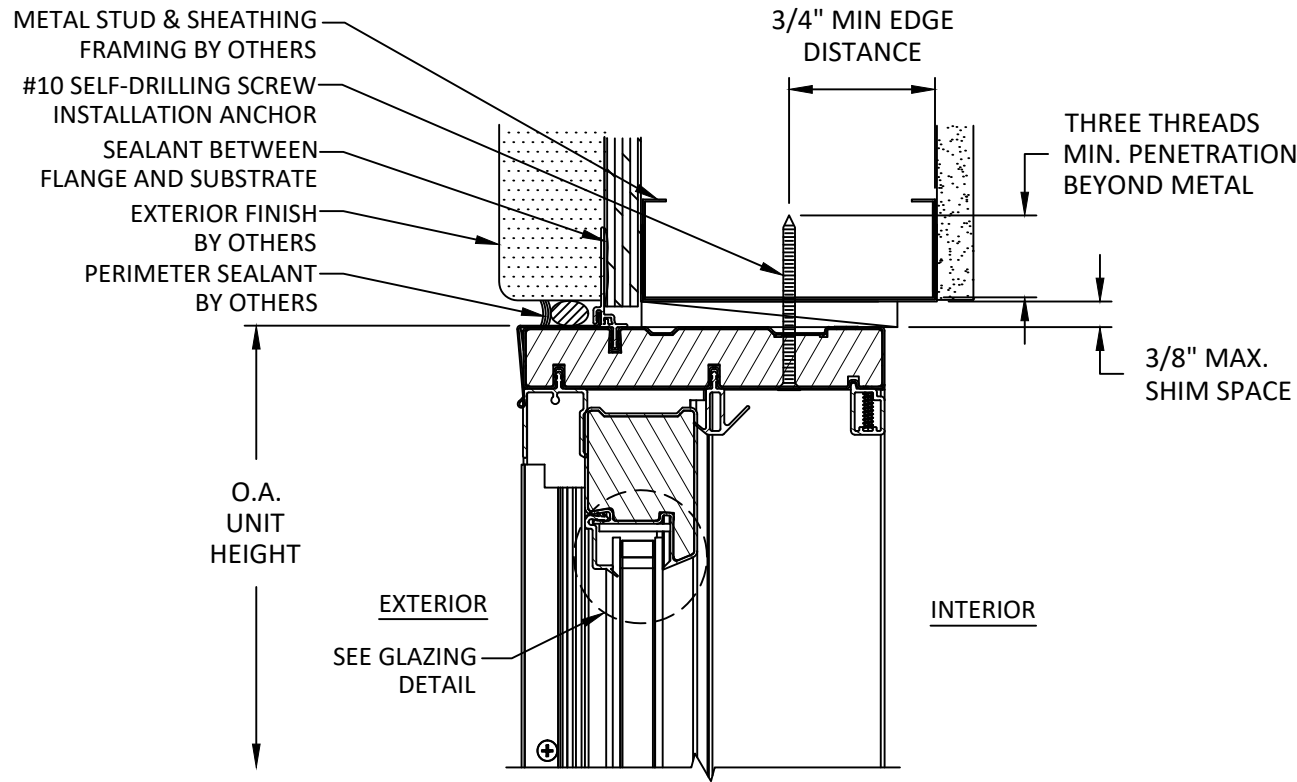
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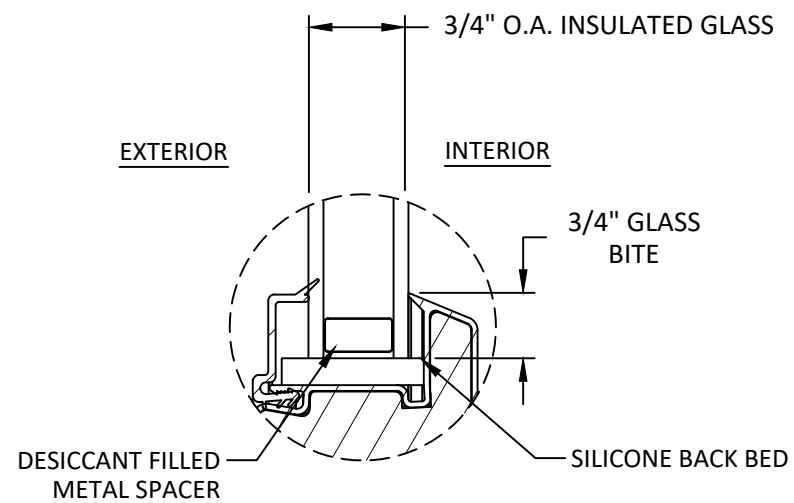
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DWG. BY:	SM
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SCALE:	NTS
DWG. #:	AWD191

SHEET:
3
OF 7

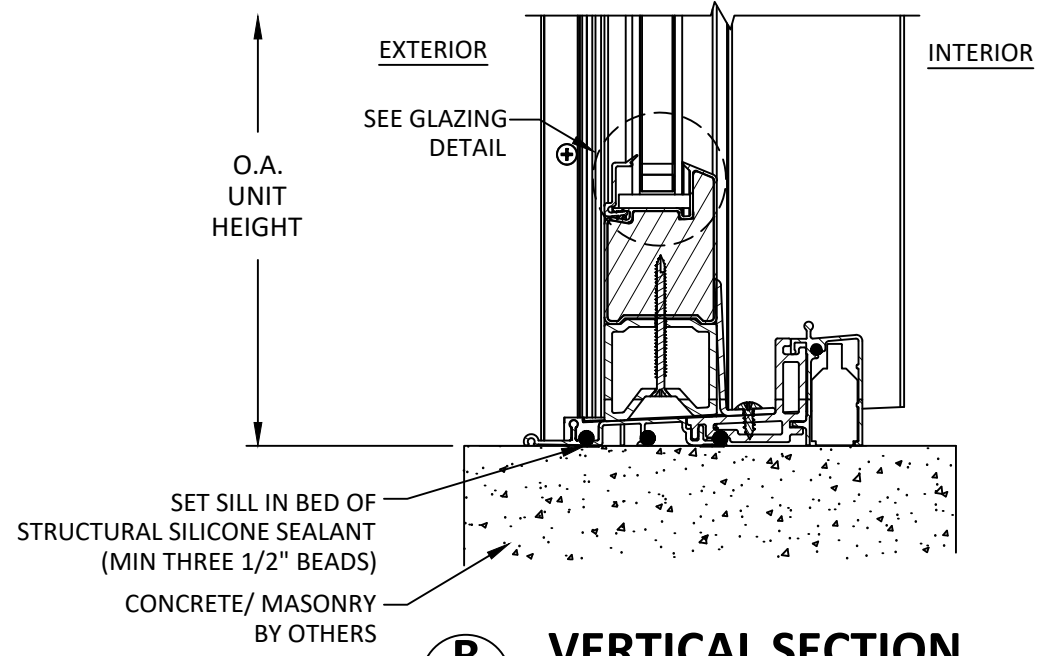
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A
4
VERTICAL SECTION
 HEAD - METAL SUBSTRATE THROUGH FRAME



GLAZING DETAIL 1



B
4
VERTICAL SECTION
 SILL - CONCRETE

- NOTE:**
1. ALL GLAZING SHALL MEET ASTM 3100 REQUIREMENTS AND SAFETY GLAZING REQUIREMENTS AS PER CH 24 OF THE FBC.
 2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
 3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
 4. D.L.O. MAY NOT EXCEED MAX DIMENSIONS SHOWN IN ELEVATIONS.



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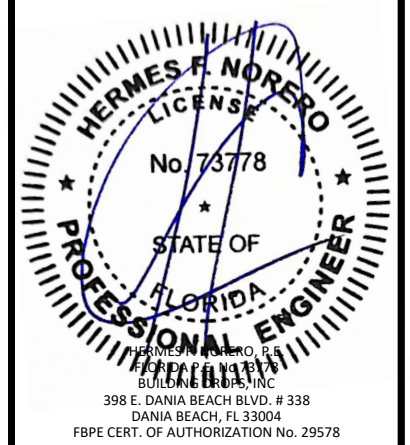
TITLE: 200 SERIES PERMA-SHIELD
 GLIDING PATIO DOOR
 (NON-HVHZ)/(NON-IMPACT)
 VERTICAL SECTIONS & GLAZING DETAIL

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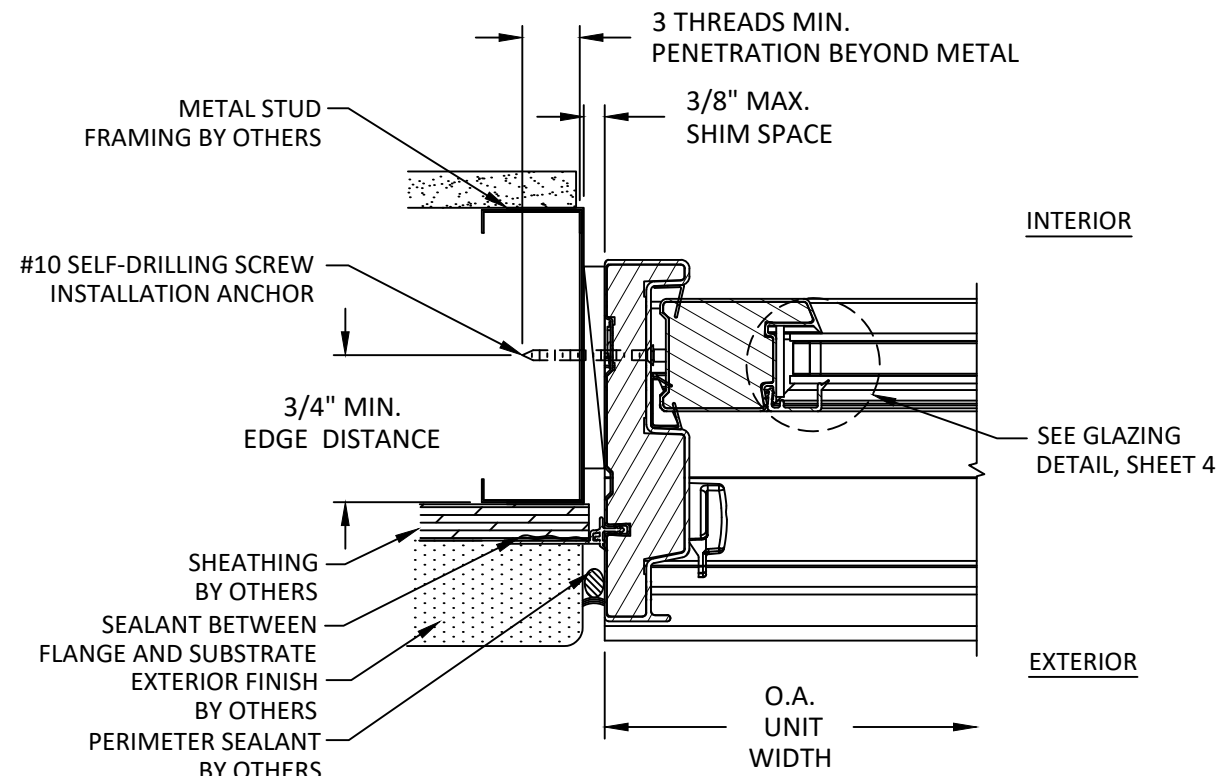
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SCALE: **NTS**

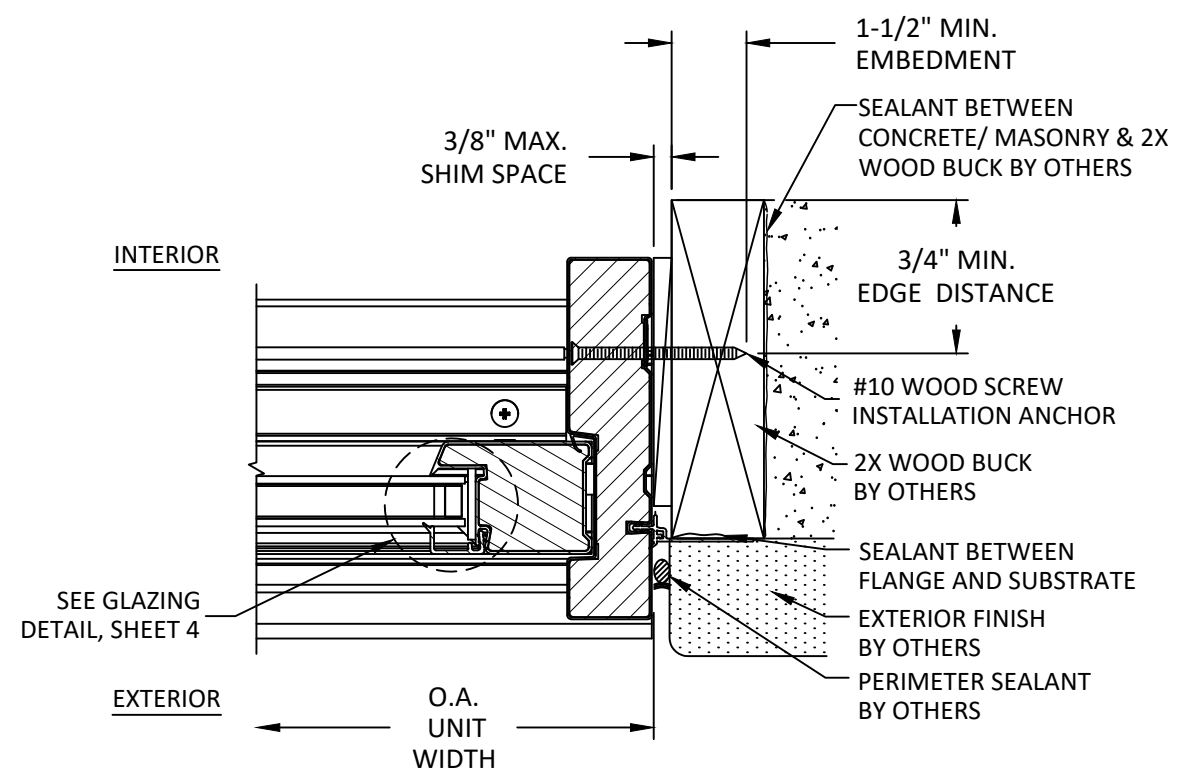
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SHEET:
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 OF 7

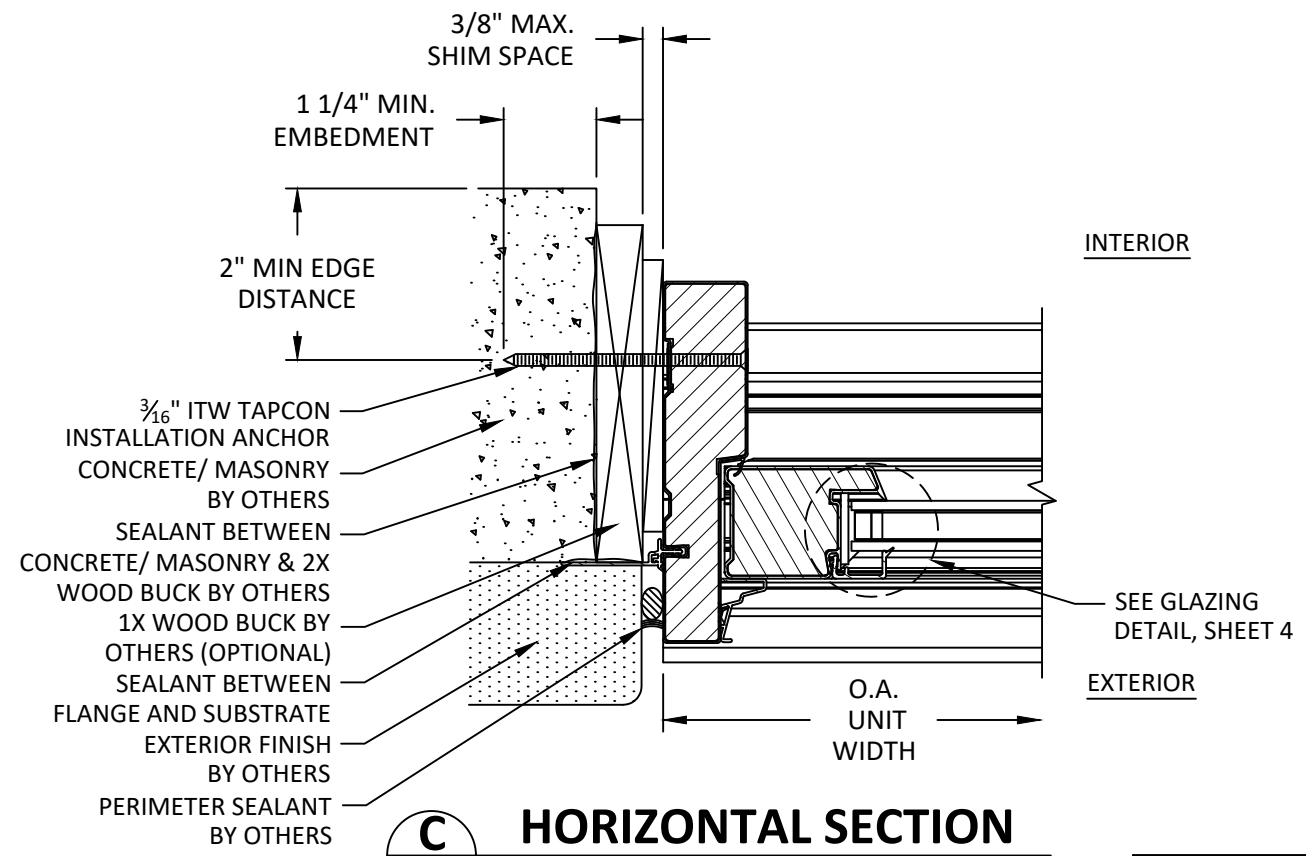
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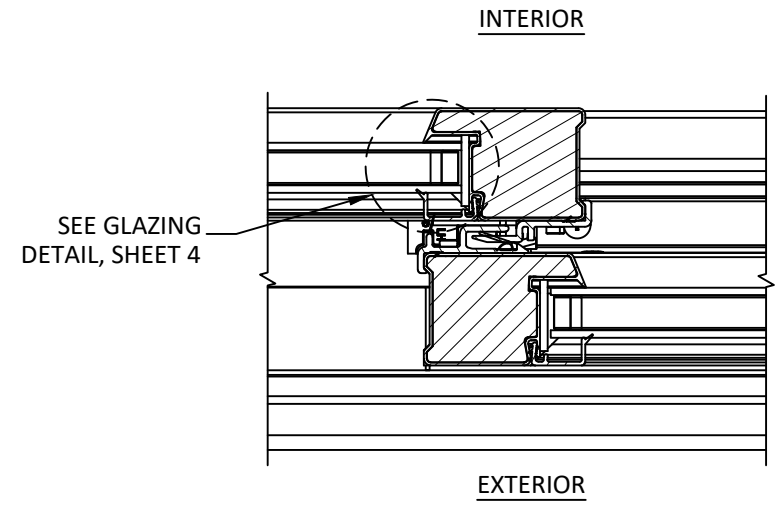
A
5 **HORIZONTAL SECTION**
JAMB - METAL STUD FRAME THROUGH FRAME



B
5 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK THROUGH FRAME



C
5 **HORIZONTAL SECTION**
JAMB - 1X WOOD/CONCRETE/MASONRY THROUGH FRAME



D
5 **HORIZONTAL SECTION**
INTERLOCK

NOTE: FLANGE MAY BE TRIMMED/CUT DOWN TO FIT 1X BUCK OR REMOVED FOR DIRECT TO MASONRY INSTALLATION.



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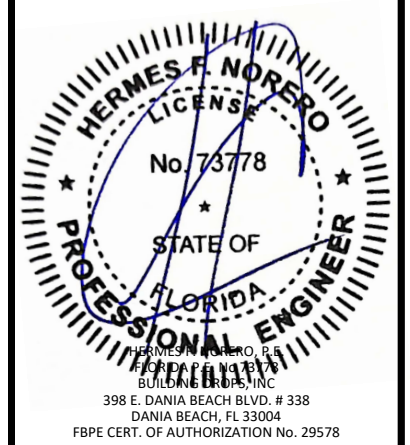
TITLE: 200 SERIES PERMA-SHIELD
GLIDING PATIO DOOR
(NON-HVHZ)/(NON-IMPACT)
HORIZONTAL SECTIONS

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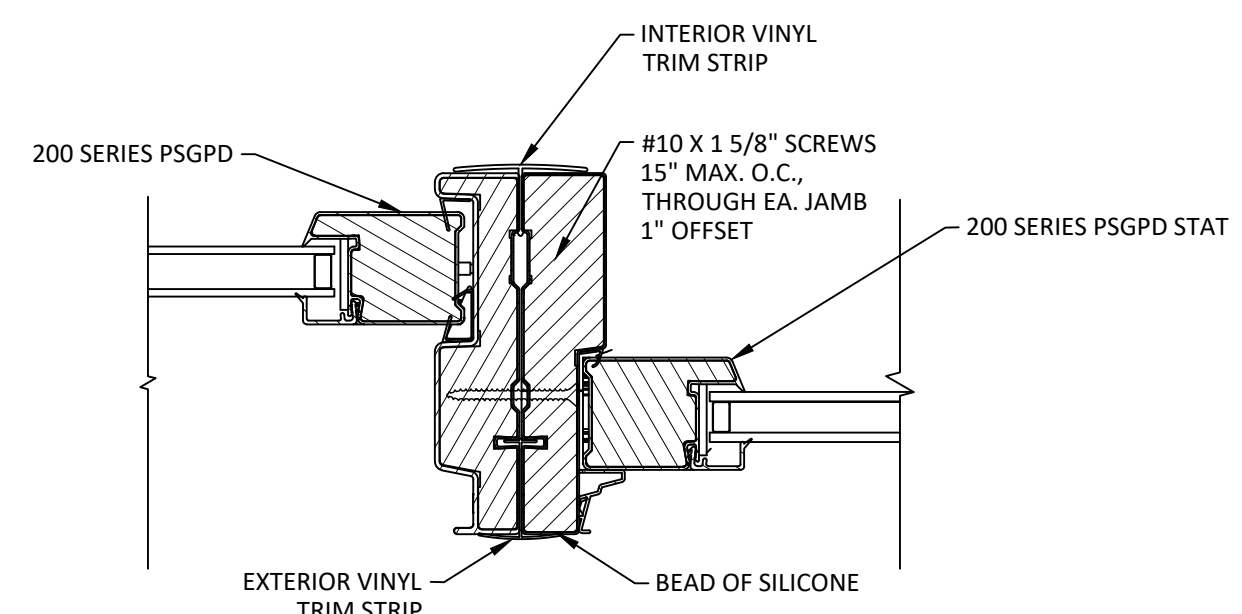
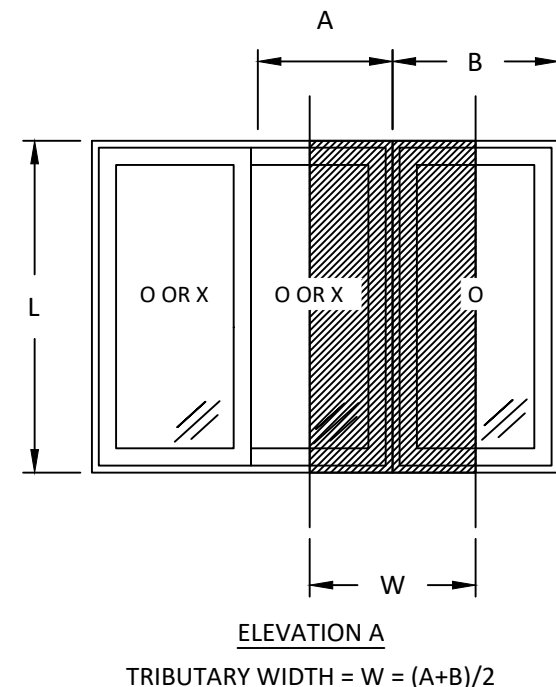
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5
OF 7

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L - MULL LENGTH (IN)	W - TRIBUTARY WIDTH (IN)										
	18.0	21.0	24.0	27.0	30.0	33.0	36.0	39.0	42.0	45.0	48.0
36.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
42.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
48.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
54.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
60.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
66.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.8	47.8	46.1	44.8
72.0	50.0	50.0	50.0	50.0	50.0	49.3	46.5	44.1	42.2	40.6	39.2
78.0	50.0	50.0	50.0	50.0	47.8	44.5	41.8	39.6	37.7	36.2	34.8
84.0	50.0	50.0	50.0	47.5	43.6	40.6	38.0	35.9	34.1	32.6	31.4
90.0	50.0	50.0	48.3	43.7	40.1	37.2	34.8	32.9	31.2	29.7	28.5
96.0	50.0	50.0	44.8	40.6	37.2	34.4	32.2	30.3	28.7	27.3	26.1

NOTE:

- 1) MULLION CHART APPLIES TO MULLION ASSEMBLIES, SEE TYP. DETAIL A/6, WHEN USED TO MULL DOORS IN CONFIGURATIONS SHOWN IN TYP. ELEVATION A AT RIGHT (2 PANEL XO ONLY).
- 2) DESIGN PRESSURE VALUES ARE POSITIVE AND NEGATIVE IN PSF.
- 3) MAXIMUM DEFLECTION HAS BEEN LIMITED TO L/175.
- 4) DESIGN PRESSURE OF ASSEMBLY IS LIMITED TO THE LESSER DESIGN PRESSURE OF THE JAMB-TO-JAMB WOOD MULLION OR THE INDIVIDUAL DOOR UNIT OF INSTALLATION.
- 5) MULLION CHART ABOVE APPLIES TO MULLED ASSEMBLIES CONSISTING OF 200 SERIES PERMA-SHIELD GLIDING PATIO DOOR ACT-STAT UNITS AND STAT UNITS.
- 6) ADJACENT DOORS SHALL BE FASTENED TO THE ROUGH OPENING WITH ADDITIONAL ANCHORS IN ACCORDANCE WITH DETAILS A/7 & B/7, SHEET 7.



A
6
HORIZONTAL SECTION
PSGPD STAT - PSGPD

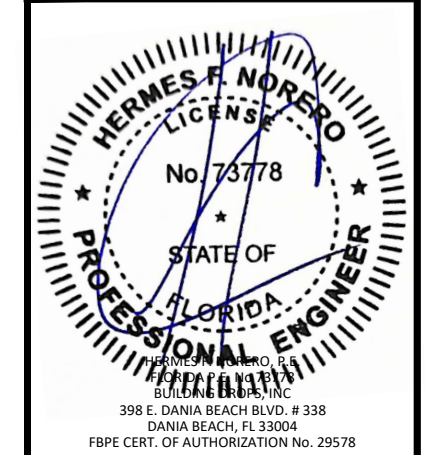


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TITLE: 200 SERIES PERMA-SHIELD GLIDING PATIO DOOR (NON-HVHZ)/(NON-IMPACT) SIDELITE MULLIONS
 PREPARED BY: BUILDING DROPS, INC.
 398 E. DANIA BEACH BLVD., STE. 338
 DANIA BEACH, FL 33004
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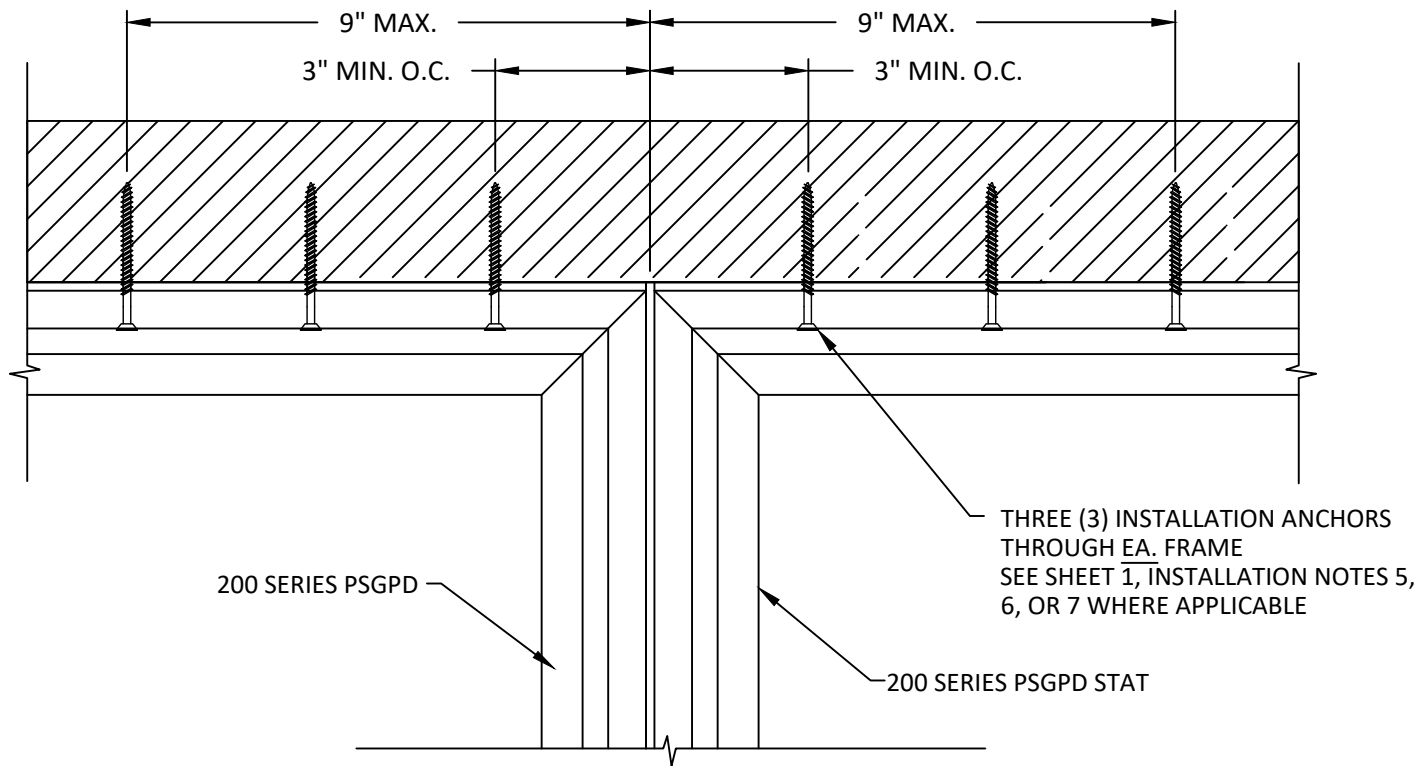
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 SHEET: **6** OF 7

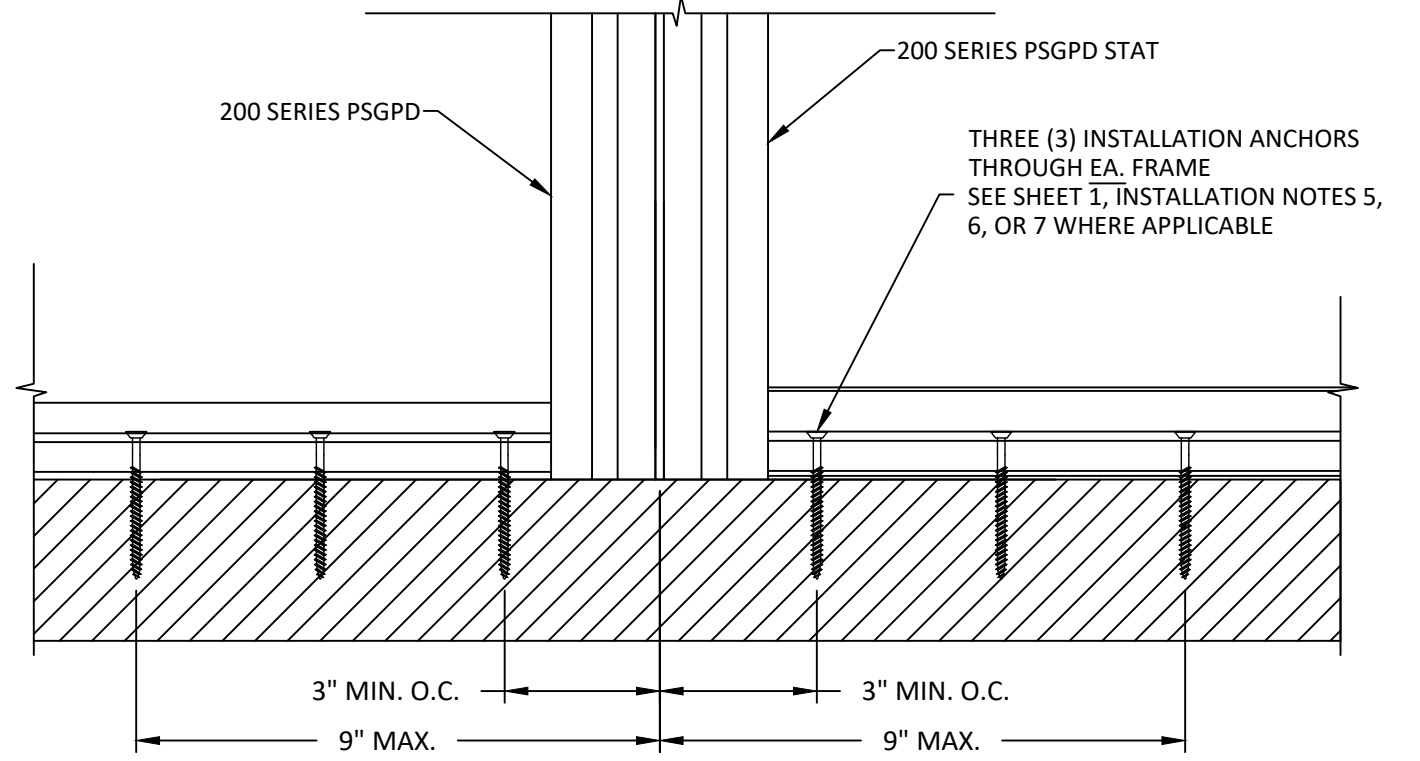
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A
7

EXTERIOR VIEW

MULLION ANCHOR DETAIL - HEAD THROUGH FRAME - TYP.



B
7

EXTERIOR VIEW

MULLION ANCHOR DETAIL - SILL THROUGH FRAME - TYP.



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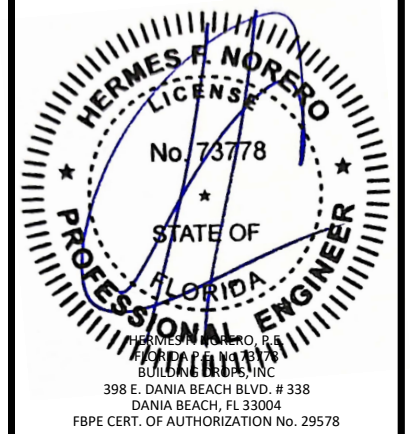
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GLIDING PATIO DOOR
(NON-HVHZ)/(NON-IMPACT)
MULLION ANCHOR DETAILS

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SHEET: **7**
OF 7