

PLY GEM WINDOWS

SERIES 701/701N/701F/705 ALUMINUM
FIXED WINDOW

INSTALLATION NOTES:

1. ONE (I) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. 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.
4. FOR INSTALLATION THROUGH 2X BUCK USE #8 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
5. FOR INSTALLATION THROUGH 2X BUCK USE 8D COMMON NAIL OR 11 GAUGE ROOFING NAIL OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE. RECOMMENDED NAIL HEAD DIAMETER TO BE AT LEAST 0.375".
6. FOR INSTALLATION THROUGH STEEL STUD USE #8 SELF TAPPING SCREW OR EQUIVALENT OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM ENGAGEMENT THROUGH STEEL FRAME SUBSTRATE.
7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
8. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
9. FOR 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.
10. 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.

- II. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
- A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
- B. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 33 MILS. (20 GAUGE)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE, EXCLUDING HVHZ. THE PRODUCT HAS BEEN TESTED IN ACCORDANCE WITH THEN FOLLOWING:
- AAMA/WMDA/CSA 101/I.S.2/A440 - 17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND STEEL 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.
3. 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.
4. 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: ALUMINUM 6063-T5
7. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAILS.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL

SIZE CHART				
OVERALL SIZE		PRODUCT RATING	MAX. DESIGN PRESSURE	MISSILE IMPACT RATING
WIDTH	HEIGHT			
48"	84"	R-PG40	+40/-40 PSF	NON-IMPACT
71"	59"	R-PG50	+50/-50 PSF	
71"	71"	R-PG45	+45/-45 PSF	

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.07.22 18:18:59 -04'00'

PlyGem®

WINDOWS & DOORS

Part of the Cornerstone Building Brands Family

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TITLE: SERIES 701/701N/701F/705 ALUMINUM FIXED WINDOW INSTALLATION & GENERAL NOTES						
DATE: 01.10.11		NO.	REVISION DESCRIPTION	BY	DATE	
DWN BY: MSS		A	REVISED TO 2010 FBC	TJM	04.30.14	
CHK BY: HFN		B	FBC CODE CHANGE	SM	05.23.19	
SCALE:		C	7TH EDITION (2020) FBC	LMH	11.15.20	
NTS		D	CURRENT FBC	LMH	07.14.26	

HERMES F. NORERO

LICENSE

No. 73778

STATE OF FLORIDA

PROFESSIONAL ENGINEER

HERMES F. NORERO
FLORIDA P.E. NO. 73778
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

BD

BUILDING DROPS

BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
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FL #: 14253

DWG #: PGW209

SHEET: 1 OF 4

TITLE: SERIES 701/701N/701F/705 ALUMINUM FIXED WINDOW
ELEVATION & ANCHOR LAYOUT

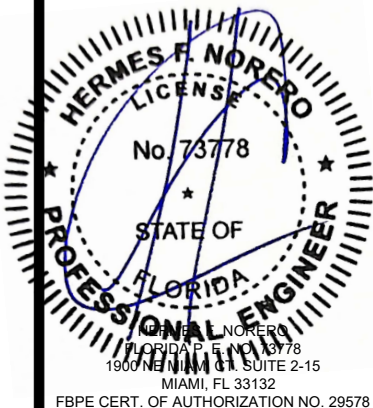
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B	FBC CODE CHANGE	SM	05.23.19
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01.10.11

DWN BY:
MSS

CHK BY:
HFN

SCALE:
NTS

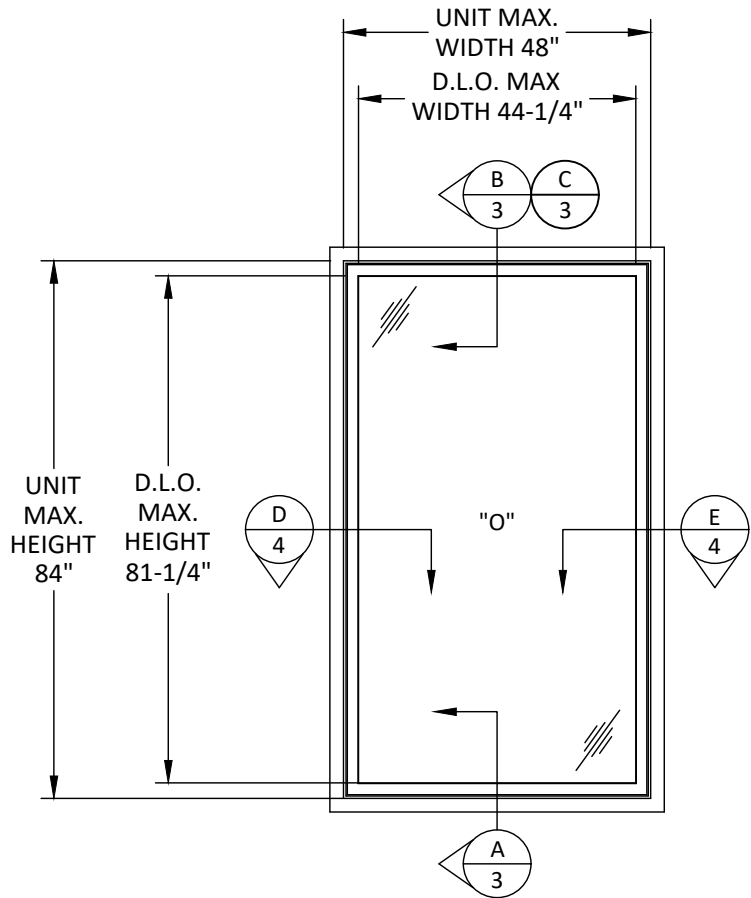


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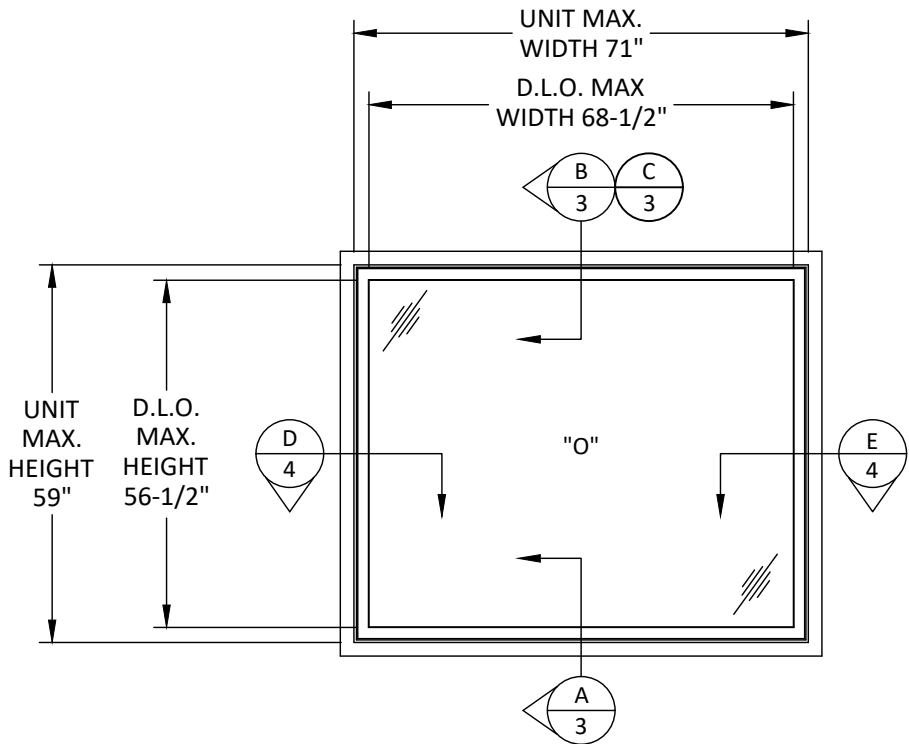
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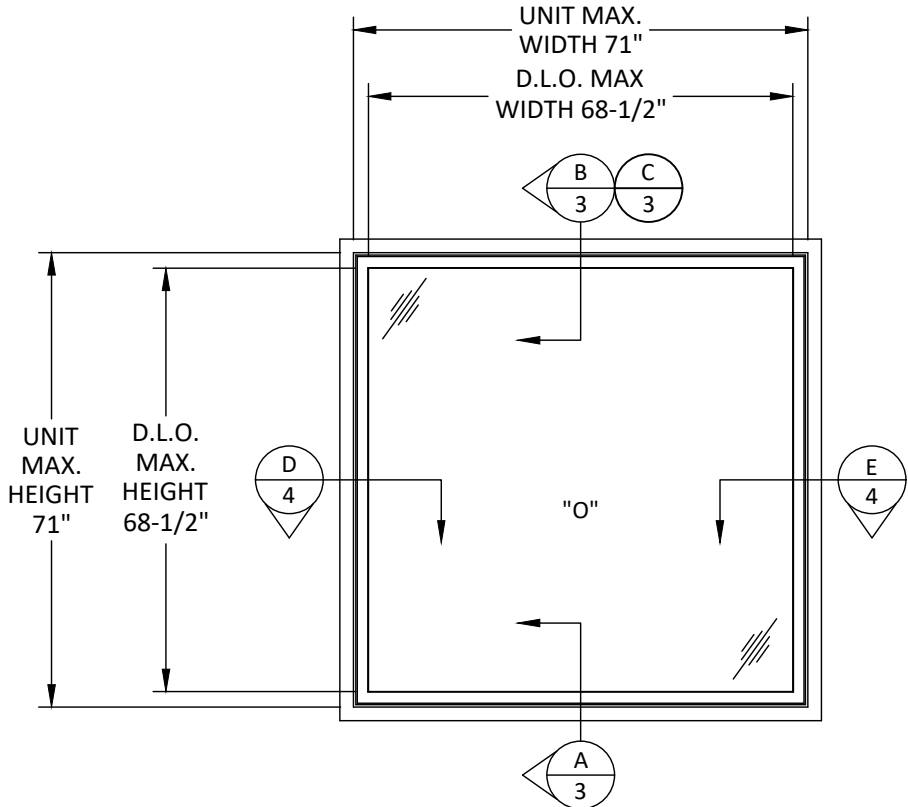
SHEET: **2 OF 4**



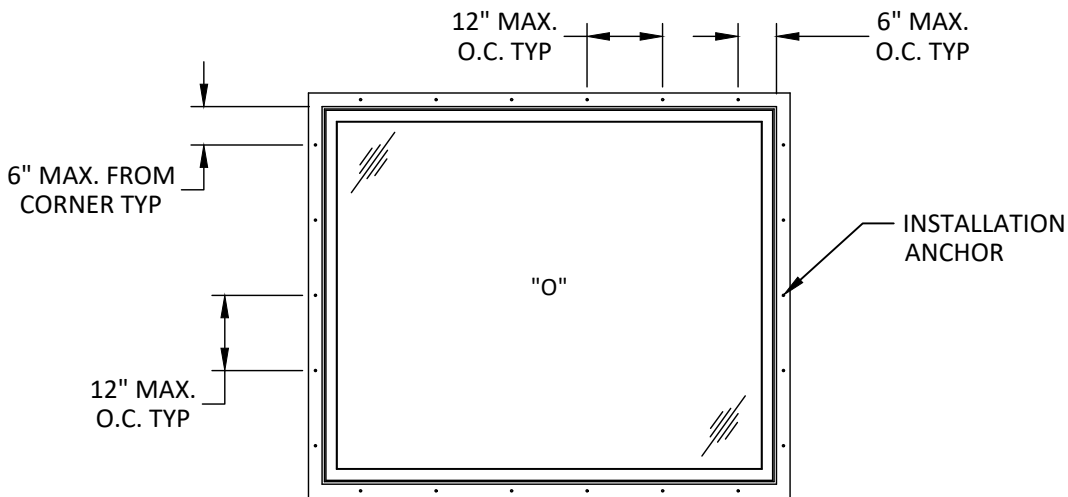
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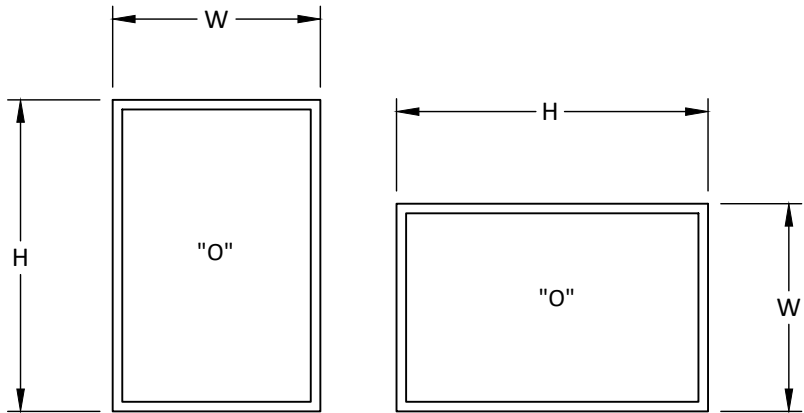
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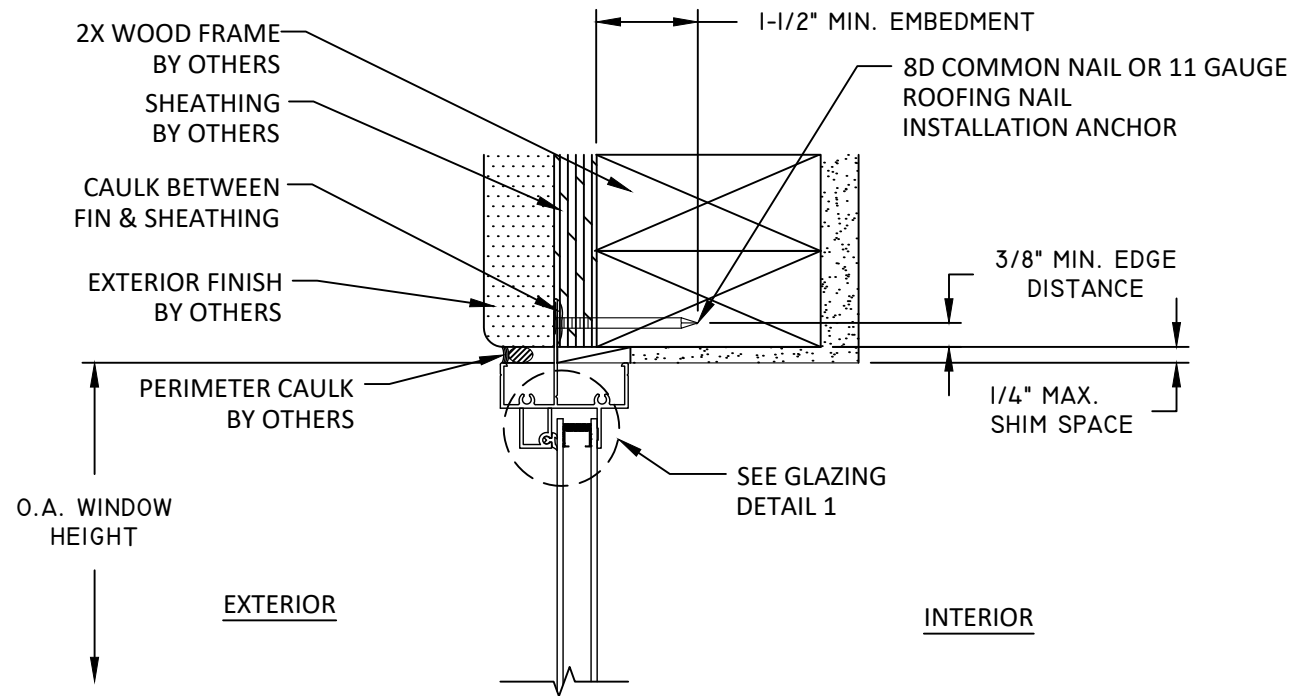
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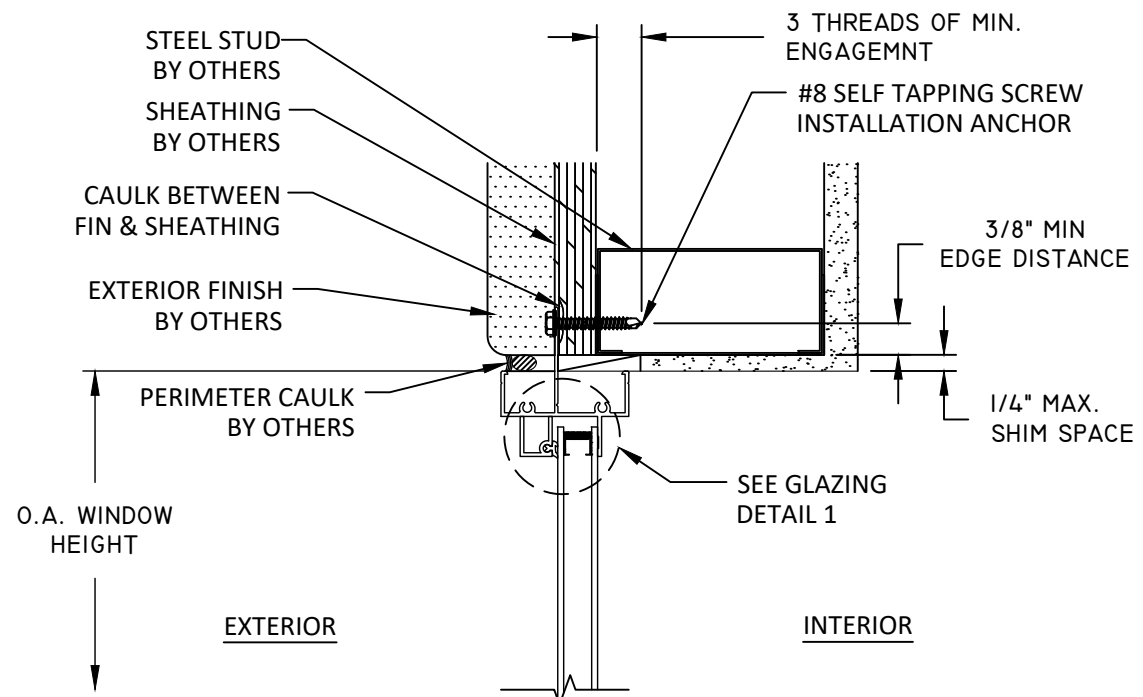
TYPICAL ANCHOR LAYOUT
NAIL FIN



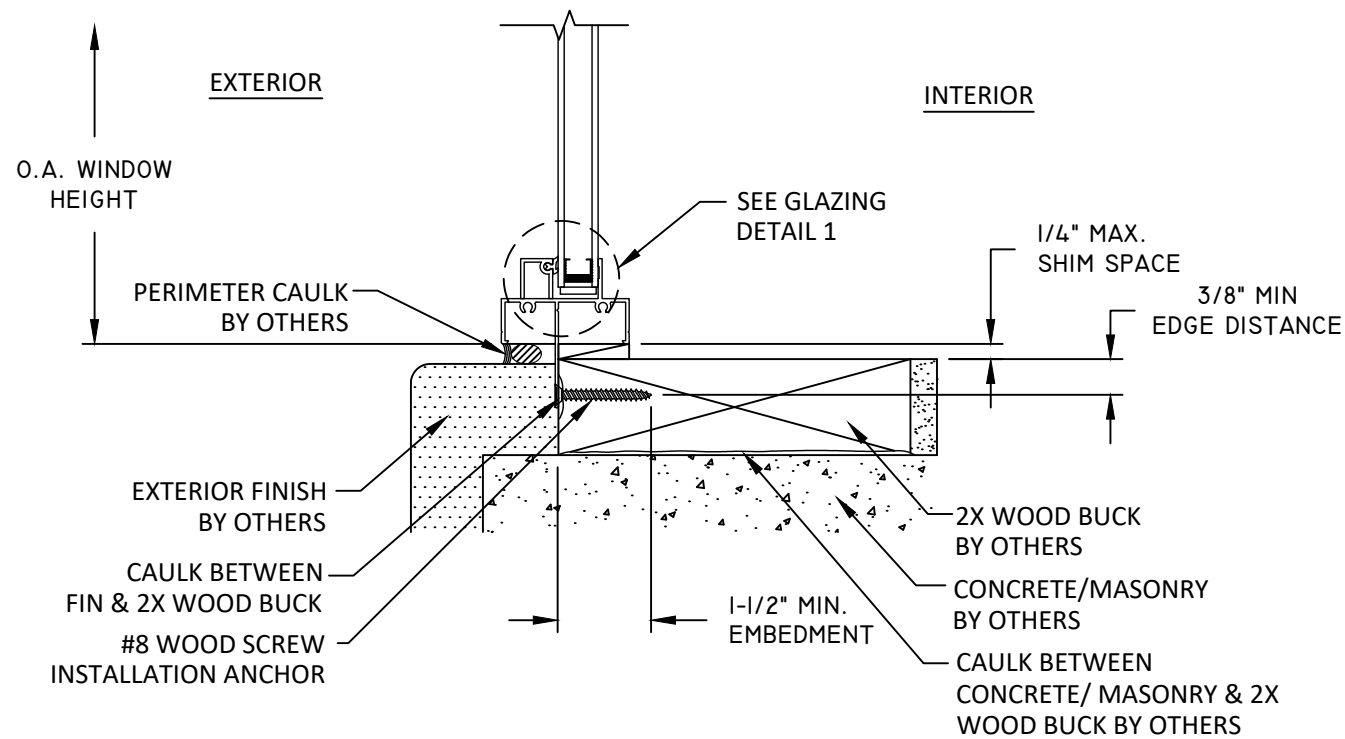
NOTE:
WINDOW WIDTH (W) AND HEIGHT (H) ARE
INTERCHANGEABLE FOR ALL SIZES SHOWN
HEREIN NOT TO EXCEED MAXIMUM QUALIFIED
SQUARE FOOT AREA.



B
3
VERTICAL SECTION
HEAD - 2X WOOD FRAME
FIN INSTALLATION

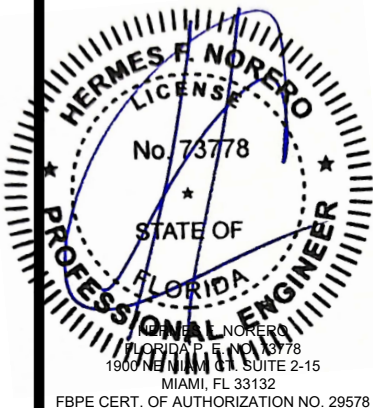


C
3
VERTICAL SECTION
HEAD - STEEL STUD
FIN INSTALLATION



A
3
VERTICAL SECTION
SILL - 2X WOOD BUCK
FIN INSTALLATION

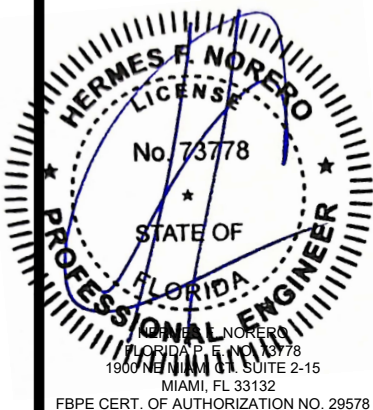
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B		SM		FBC CODE CHANGE		LMH		11.15.20		LMH	
C		LMH		7TH EDITION (2020) FBC		LMH		07.14.26		LMH	
D		LMH		CURRENT FBC							
DATE: 01.10.11		DWN BY: MSS		CHK BY: HFN		SCALE: NTS					



TITLE: SERIES 701/701N/701F/705 ALUMINUM FIXED WINDOW
HORIZONTAL SECTIONS & GLAZING DETAIL

NO.	REVISION DESCRIPTION	BY	DATE
A	REVISED TO 2010 FBC	TJM	04.30.14
B	FBC CODE CHANGE	SM	05.23.19
C	7TH EDITION (2020) FBC	LMH	11.15.20
D	CURRENT FBC	LMH	07.14.26

DATE: 01.10.11	DWN BY: MSS	CHK BY: HFN	SCALE: NTS
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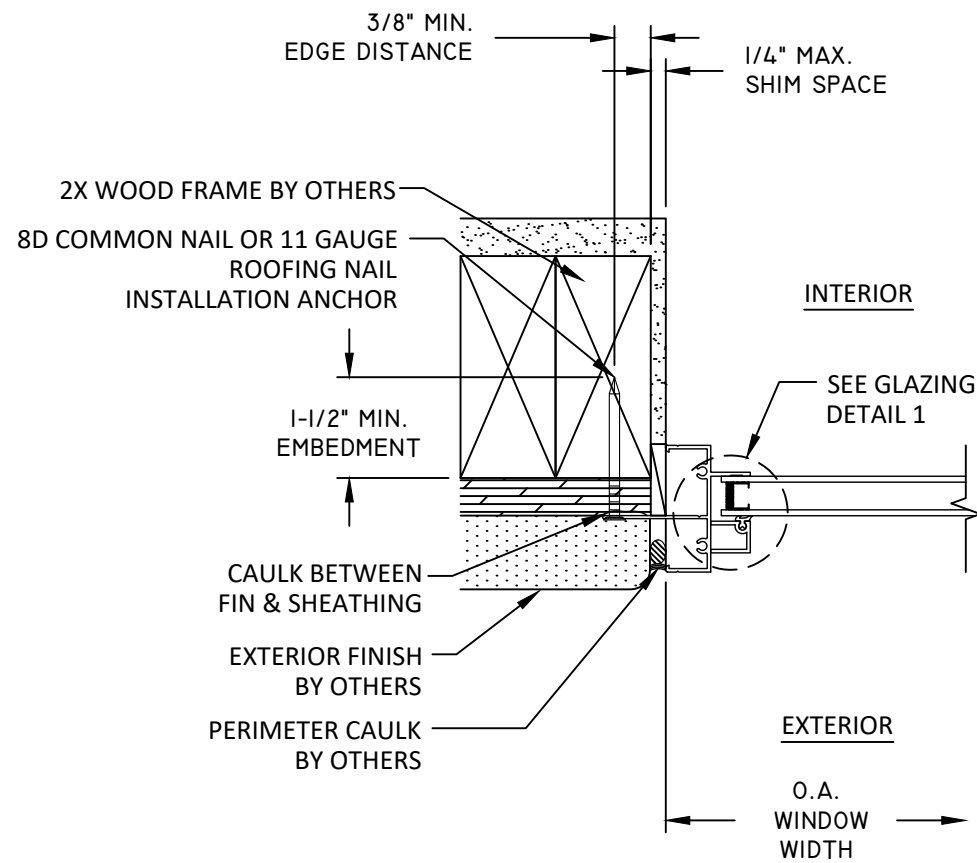


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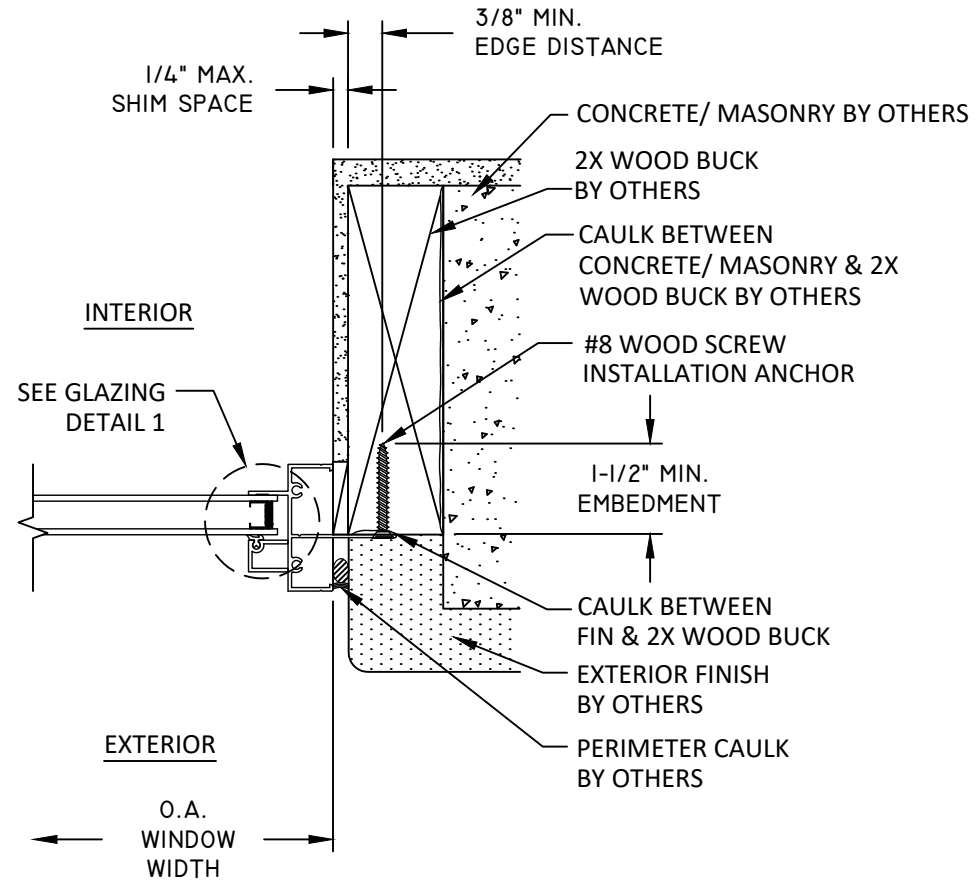
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DWG #: **PGW209**

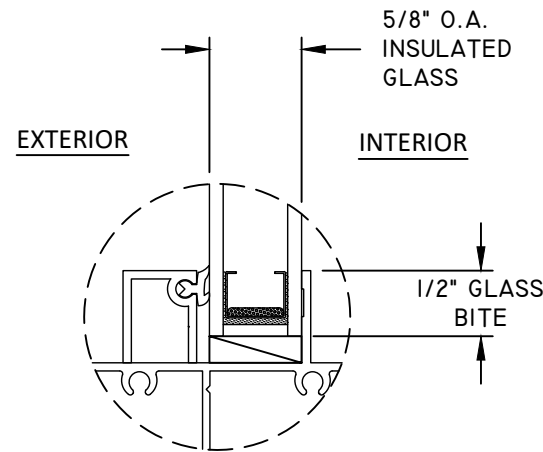
SHEET: **4 OF 4**



D
4 **HORIZONTAL SECTION**
JAMB - 2X WOOD FRAME
FIN INSTALLATION



E
4 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK
FIN INSTALLATION



GLAZING DETAIL 1

NOTES:

- 1) GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E 1300 GLASS CHART REQUIREMENTS.
- 2) ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN THE FBC.
- 3) ALL LITES GREATER THAN 36" IN WIDTH SHALL UTILIZE SETTING BLOCKS IN ACCORDANCE WITH THE FBC. CH.24
- 4) SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.