

PLY GEM WINDOWS - PREMIUM MIRA SERIES IMPACT ALUMINUM
CLAD FIN FRAME DOUBLE HUNG FIXED WINDOW

INSTALLATION NOTES:

1. ONE (1) 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. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.

5. FOR INSTALLATION INTO 2X BUCK USE #8 PH WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.

6. FOR INSTALLATION INTO 2X BUCK USE 10d COMMON NAILS OR 11 GAUGE ROOFING NAILS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE. RECOMMENDED NAIL HEAD DIAMETER TO BE AT LEAST 0.375".

7. FOR INSTALLATION THROUGH STEEL STUD USE #10 PH OR HWH SELF-TAPPING SCREW OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND STEEL STRUCTURE.

8. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.

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.

10.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 20 GA. WALL THICKNESS.

11. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.

11.1 FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH FLORIDA BUILDING CODE SECTION 1711.1.1 (e.g., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).

11.2 CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH FLORIDA BUILDING CODE SECTION 1711.1.2 (e.g., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
- GENERAL NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC) EXCLUDING HVHZ:

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

AAMA 506-16

ASTM E1886-19

ASTM E1996-20

2. 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.

3. 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.

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 NOT REQUIRED TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONES 3 OR LESS.

6. WINDOW FRAME MATERIAL: *RADIATA WOOD WITH ALUMINUM 6063-T5 CLADDING*

7. IN ACCORDANCE WITH THE CURRENT FBC, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED.

8. IN ACCORDANCE WITH THE CURRENT FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES.

9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 3 FOR GLAZING DETAILS.

10.DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

X: OPERABLE PANEL

O: FIXED PANEL

12.CUSTOM SIZES AVAILABLE UPON REQUEST.

SIZE & CONFIGURATION	GLAZING DETAIL	DESIGN PRESSURE	MISSILE IMPACT RATING
(O) 49 3/8" X 76 5/8"	DETAIL 1	+50/-50 PSF	LARGE MISSILE IMPACT RATED
(O) 73 3/8" X 86 1/2"	DETAIL 2	+50/-50 PSF	LARGE MISSILE IMPACT RATED

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Ply Gem®

WINDOWS & DOORS

Part of the Cornerstone Building Brands Family

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TITLE: PREMIUM MIRA SERIES DOUBLE HUNG FIXED WINDOW GENERAL & INSTALLATION NOTES	DATE	BY	NO.	REVISION DESCRIPTION	FBC CODE CHANGE	7TH EDITION (2020) FBC	8TH EDITION (2023) FBC	UPDATED TO CURRENT FBC
	02.21.12	DWN BY: GRN	CHK BY: HFN	SCALE: NTS				

HERMES F. NORERO

LICENSE

No. 73778

STATE OF FLORIDA

PROFESSIONAL ENGINEER

HERMES F. NORERO

FLORIDA P. E. NO. 73778

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MIAMI, FL 33132

FBPE CERT. OF AUTHORIZATION NO. 29578

BUILDING DROPS

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15538

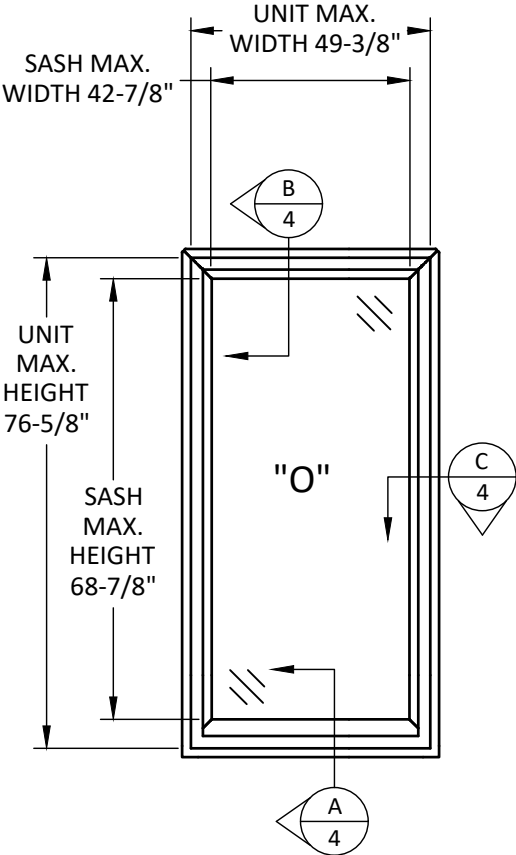
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PGW148

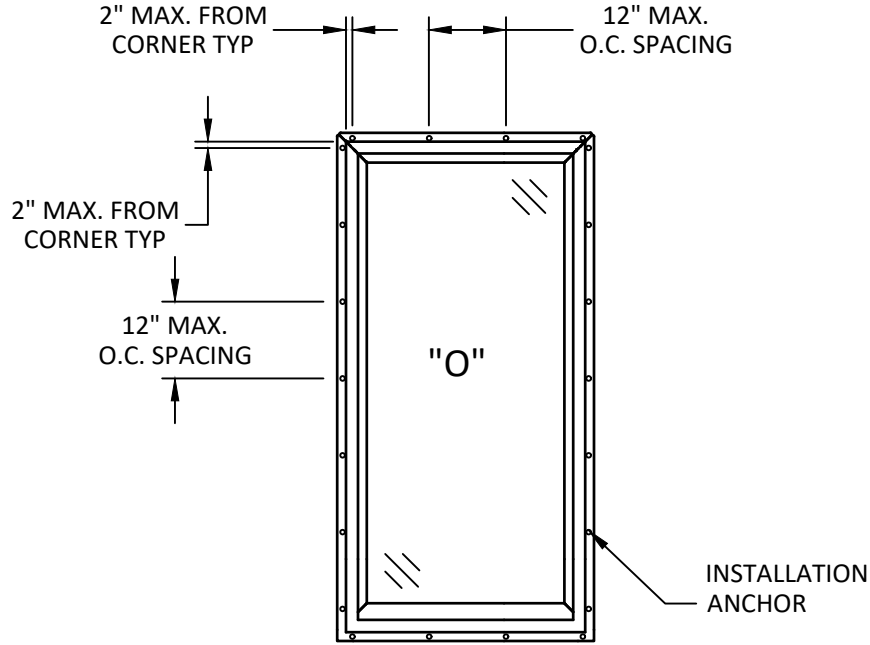
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1 OF 4

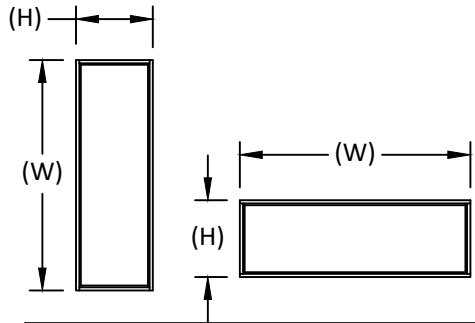
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Reason: I am approving this document
Date: 2026.09.18 15:39:48 -04'00'



ELEVATION
EXTERIOR VIEW

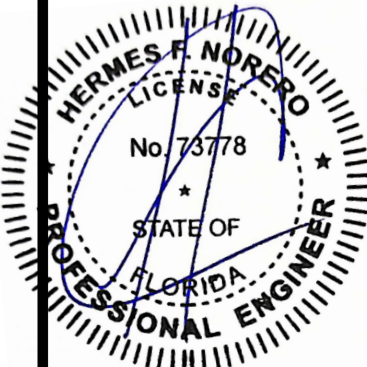


ANCHOR LAYOUT
FIN



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

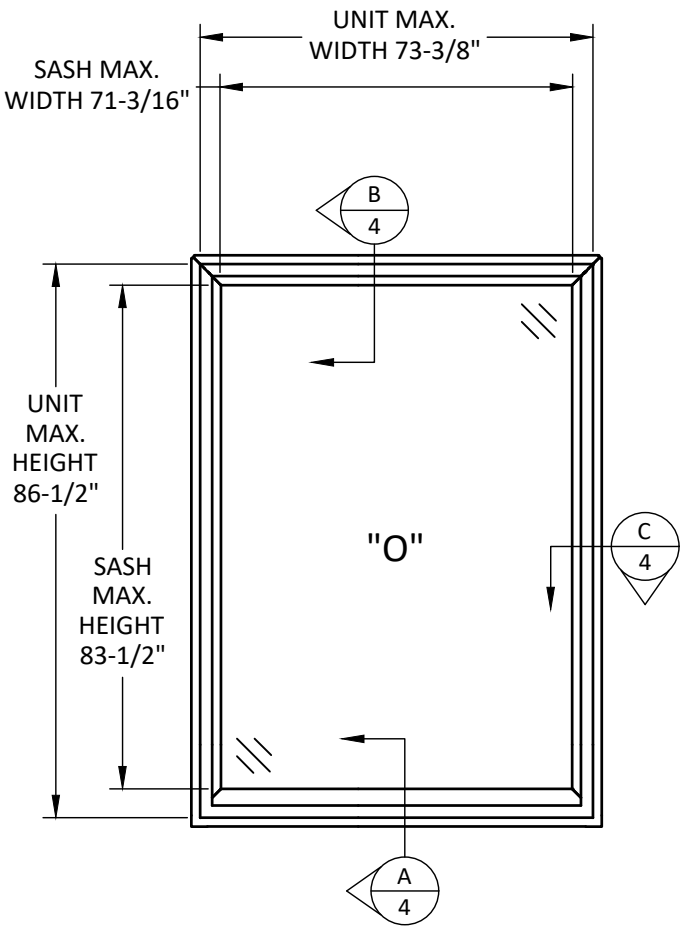
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	02.21.12		GRN		FBC CODE CHANGE		C	
	DWN BY:		CHK BY:		7TH EDITION (2020) FBC		D	
	SCALE:		STATE OF		8TH EDITION (2023) FBC		E	
	NTS		FLORIDA		UPDATED TO CURRENT FBC		E	



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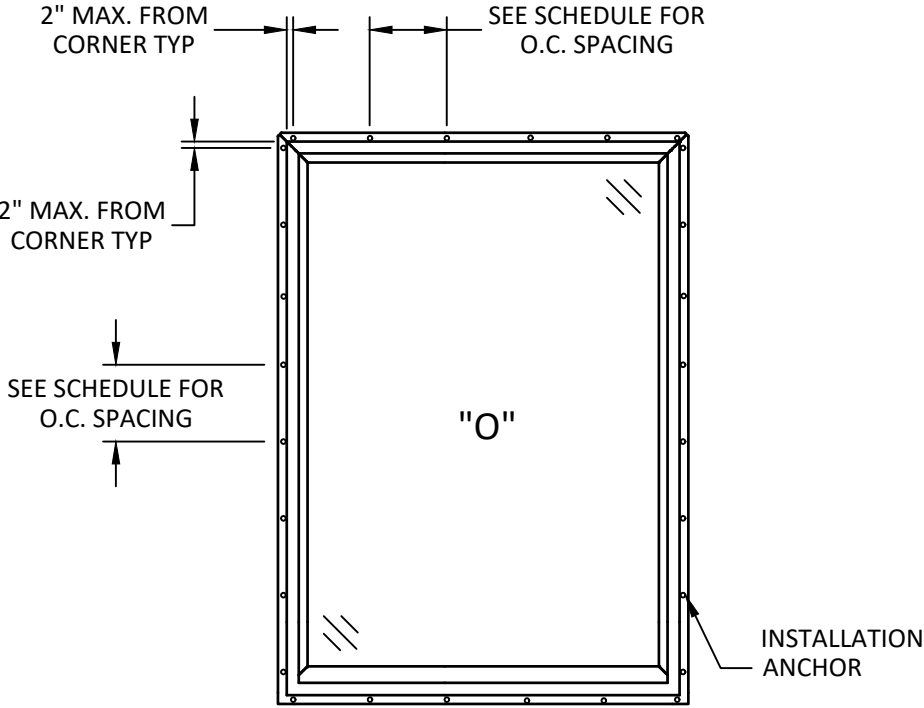
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SHEET: **2 OF 4**



ELEVATION

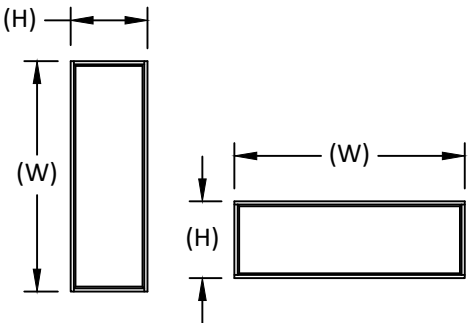
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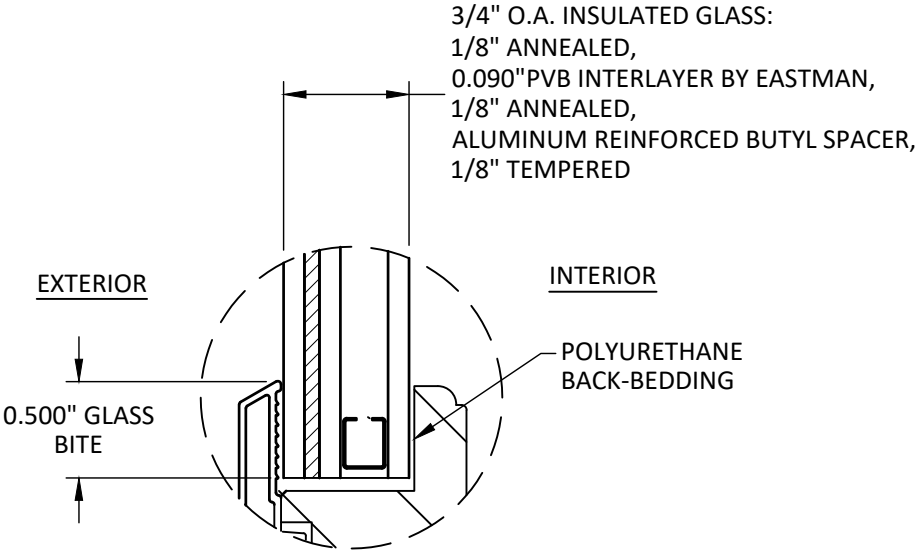
ANCHOR LAYOUT

FIN

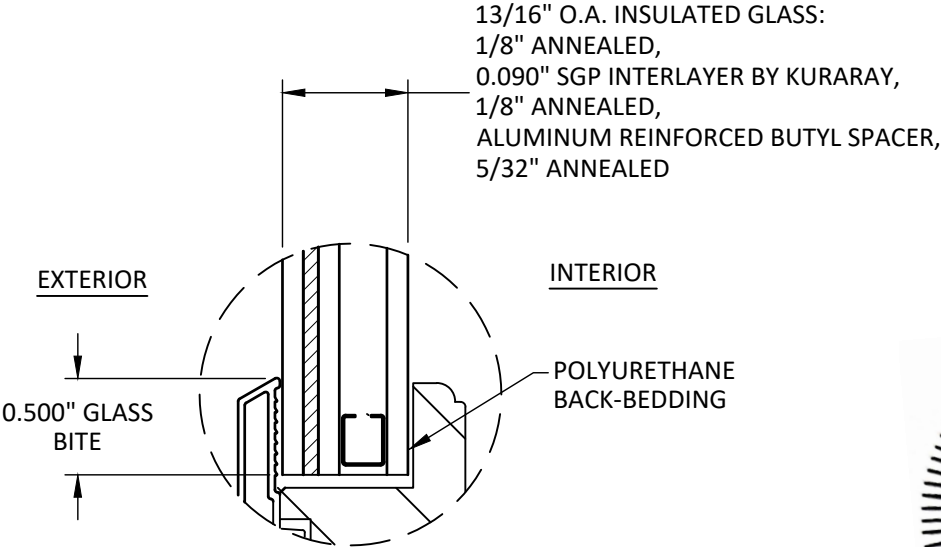
ANCHOR SCHEDULE				
NAIL FIN INSTALLATION				
SUBSTRATE	ANCHOR TYPE	O.C. SPACING (IN.)		
		HEAD	SILL	JAMB
WOOD	10D COMMON OR 11 GAUGE ROOFING NAIL	12	12	12
	#8 WOOD SCREW	12	12	12
STEEL	#10 SELF-TAPPING	11.5	11.5	9.25



NOTE:
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GLAZING DETAIL 1

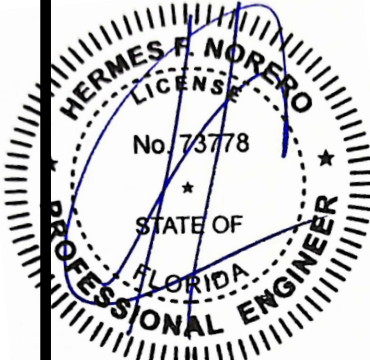


GLAZING DETAIL 2

- NOTES:
- 1) GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E1300 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.

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DATE: 02.21.12		NO.	REVISION DESCRIPTION	BY	DATE
DWN BY: GRN		C	FBC CODE CHANGE	SM	05.24.19
CHK BY: HFN		D	7TH EDITION (2020) FBC	LMH	12.02.20
SCALE: NTS		E	8TH EDITION (2023) FBC	LMH	12.10.23
		E	UPDATED TO CURRENT FBC	LMH	08.20.26



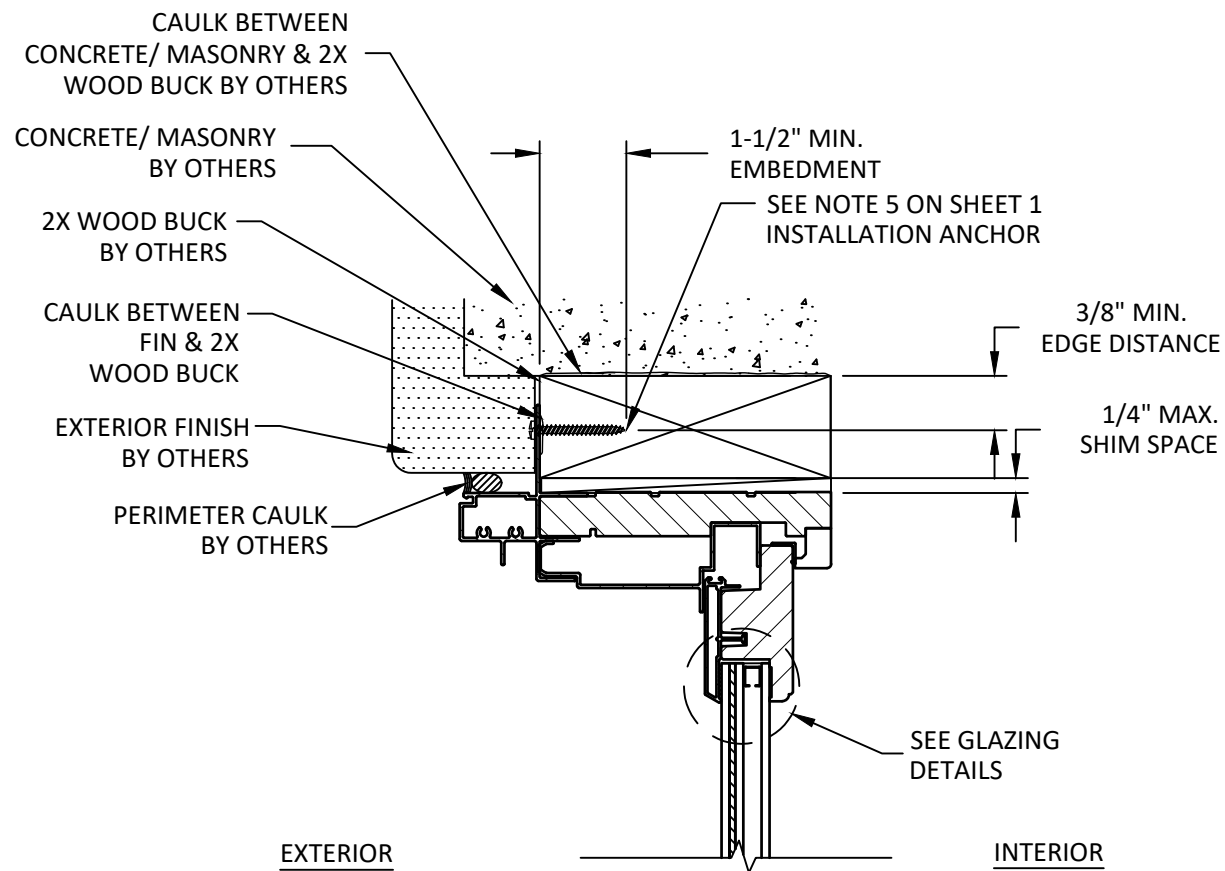
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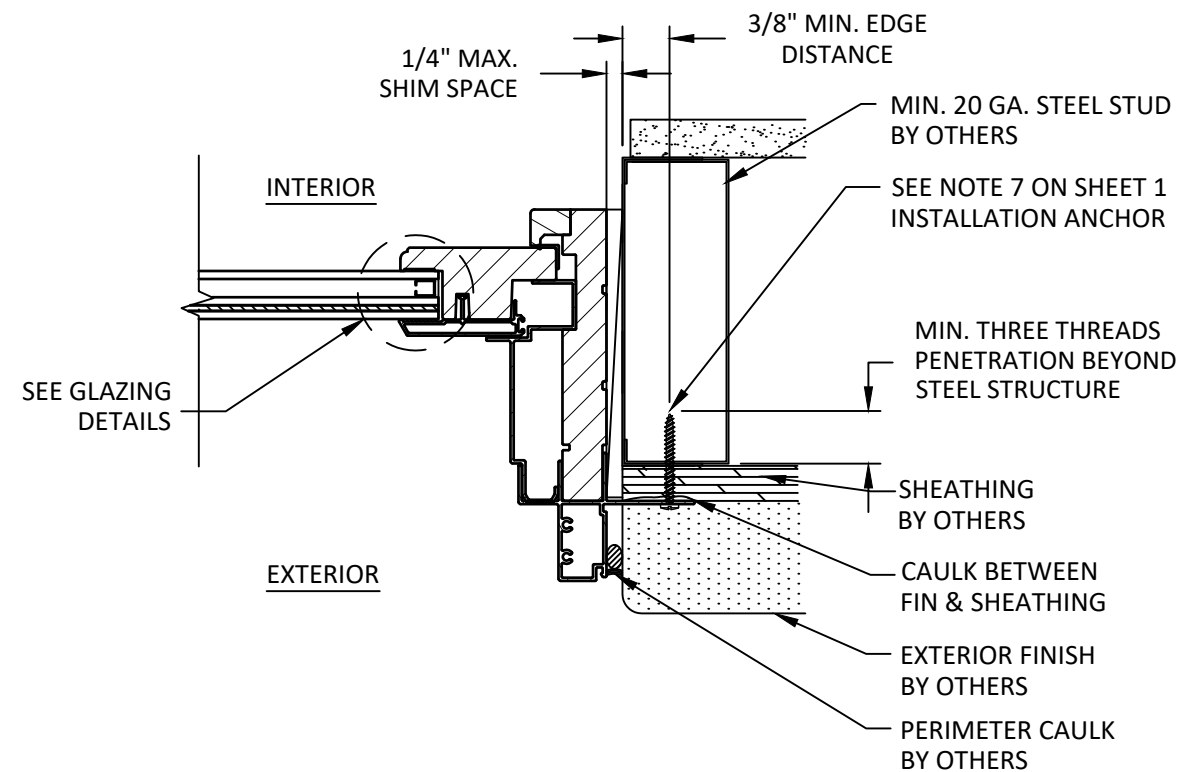
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DWG #: PGW148

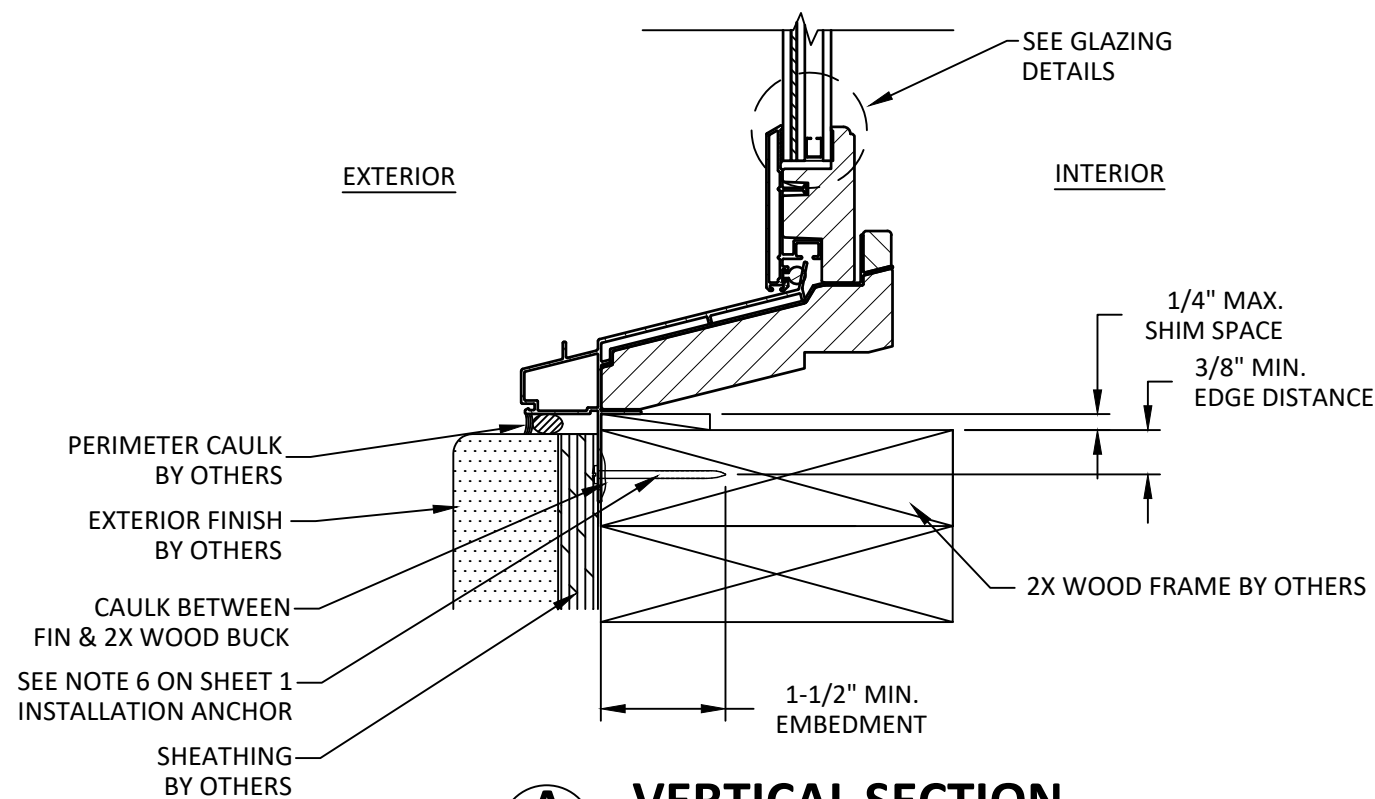
SHEET: 3 OF 4



B
4 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
NAIL FIN

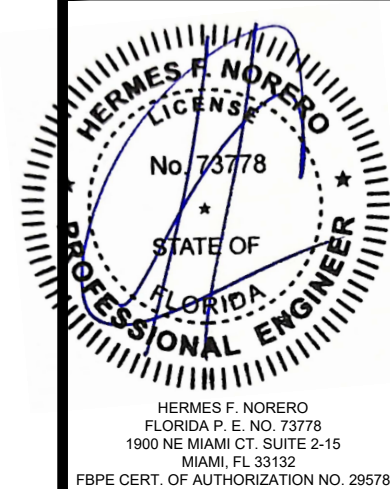


C
4 **HORIZONTAL SECTION**
JAMB - STEEL STUD FRAME
NAIL FIN



A
4 **VERTICAL SECTION**
SILL - 2X WOOD FRAME
NAIL FIN

TITLE: PREMIUM MIRA SERIES DOUBLE HUNG FIXED WINDOW CROSS SECTIONS					
NO.		REVISION DESCRIPTION		BY	DATE
C		FBC CODE CHANGE		SM	05.24.11
D		7TH EDITION (2020) FBC		LMH	12.02.2.2
E		8TH EDITION (2023) FBC		LMH	12.10.2.2
E		UPDATED TO CURRENT FBC		LMH	08.20.2.2
DATE: 02.21.12		DWN BY: GRN		CHK BY: HFN	
SCALE: NTS					



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SHEET: **4 OF 4**