

PLY GEM WINDOWS

BUILDER SERIES 4720F ALUMINUM
HORIZONTAL SLIDER 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. FOR INSTALLATION THROUGH 2X BUCK USE #8 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
5. FOR INSTALLATION THROUGH 2X BUCK USE *10d COMMON NAIL OR 11 GAUGE ROOFING NAIL* OF SUFFICIENT LENGTH TO ACHIEVE 2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE. REQUIRED NAIL HEAD DIAMETER TO BE AT LEAST 0.375".
6. FOR INSTALLATION THROUGH STEEL STUD USE #8 TEK 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 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.
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.
11. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.42.

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 (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

AAMA/WDMA/CSA 101/I.S.2/A440-17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X 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 REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: ALUMINUM 6063-T5
7. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAIL.
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			
74"	63"	R-PG35	+35/-45 PSF	NON-IMPACT

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Ply Gem®

RESIDENTIAL SOLUTIONS

A division of Cornerstone Building Brands

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TITLE: BUILDER 4720F ALUMINUM HORIZONTAL SLIDER
INSTALLATION & GENERAL NOTES

DATE: 01.07.11

DWN BY: MSS

CHK BY: HFN

SCALE: NTS

NO.

REVISION DESCRIPTION

BY

DATE

A

CODE CHANGES

SSM

10.28.13

B

2014 FBC CODE CHANGES

LA

02.01.17

C

7TH EDITION (2020) FBC

LMH

11.14.20

D

UPDATED TO CURRENT FBC.

LMH

11.20.24

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

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1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
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FL #: 14251

DWG #: PGW041

SHEET: 1 OF 4

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.12.23 11:45:22 -05'00'



HERMES F. NORERO
 LICENSE
 No. 73778
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER

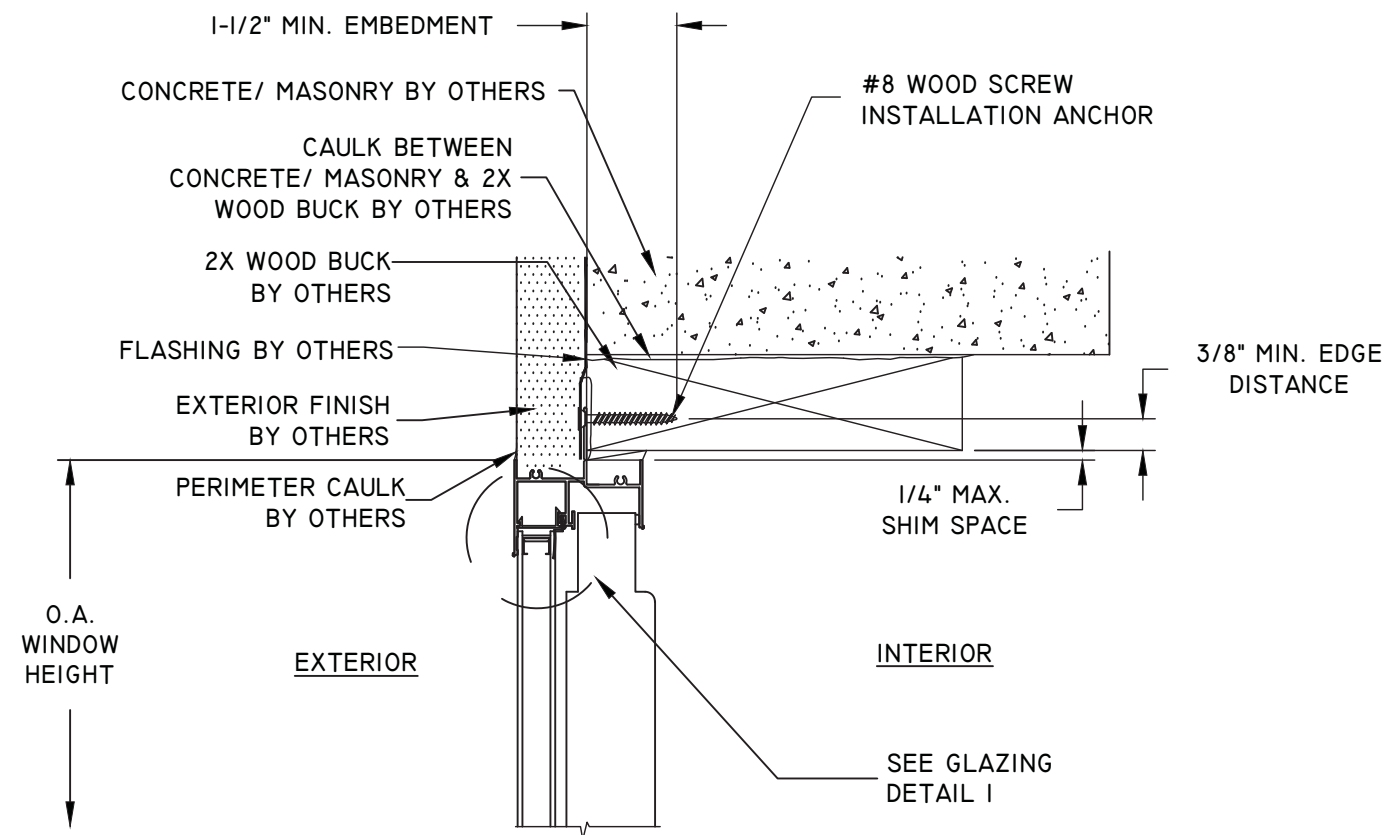
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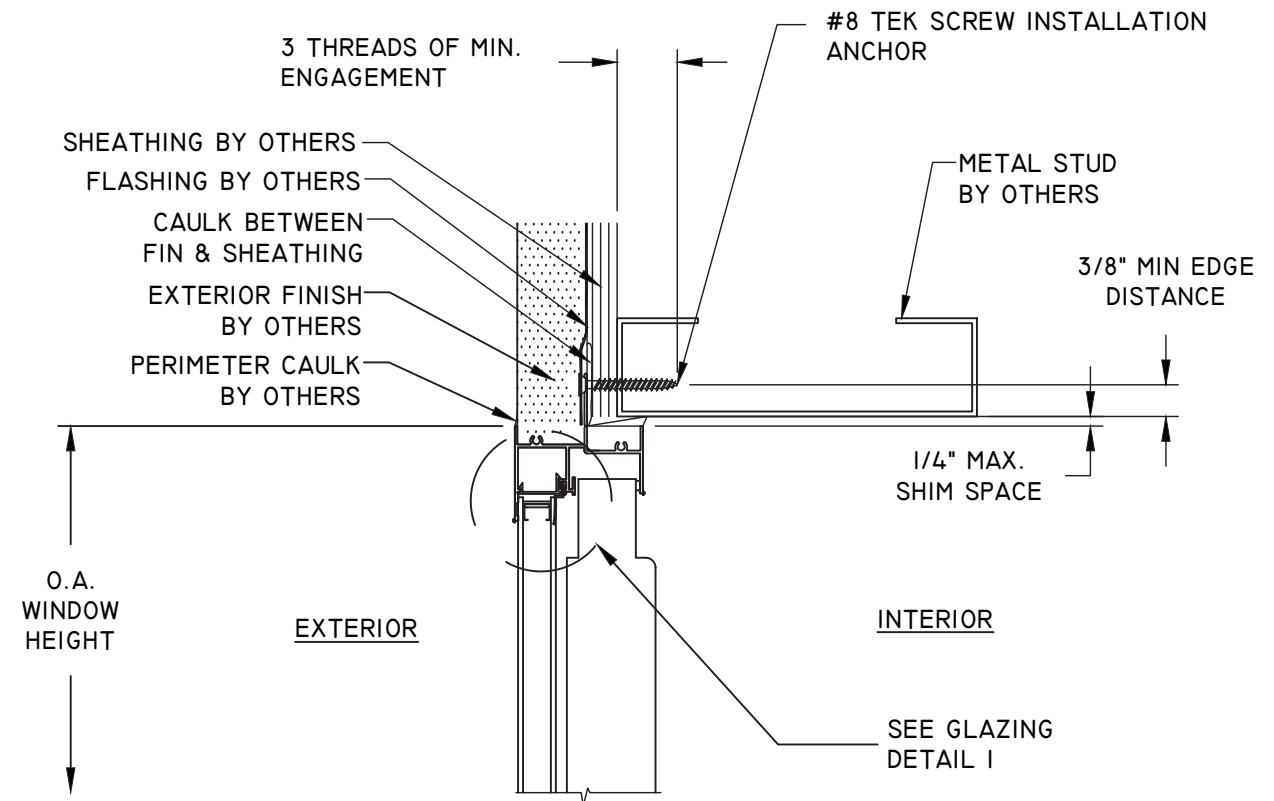
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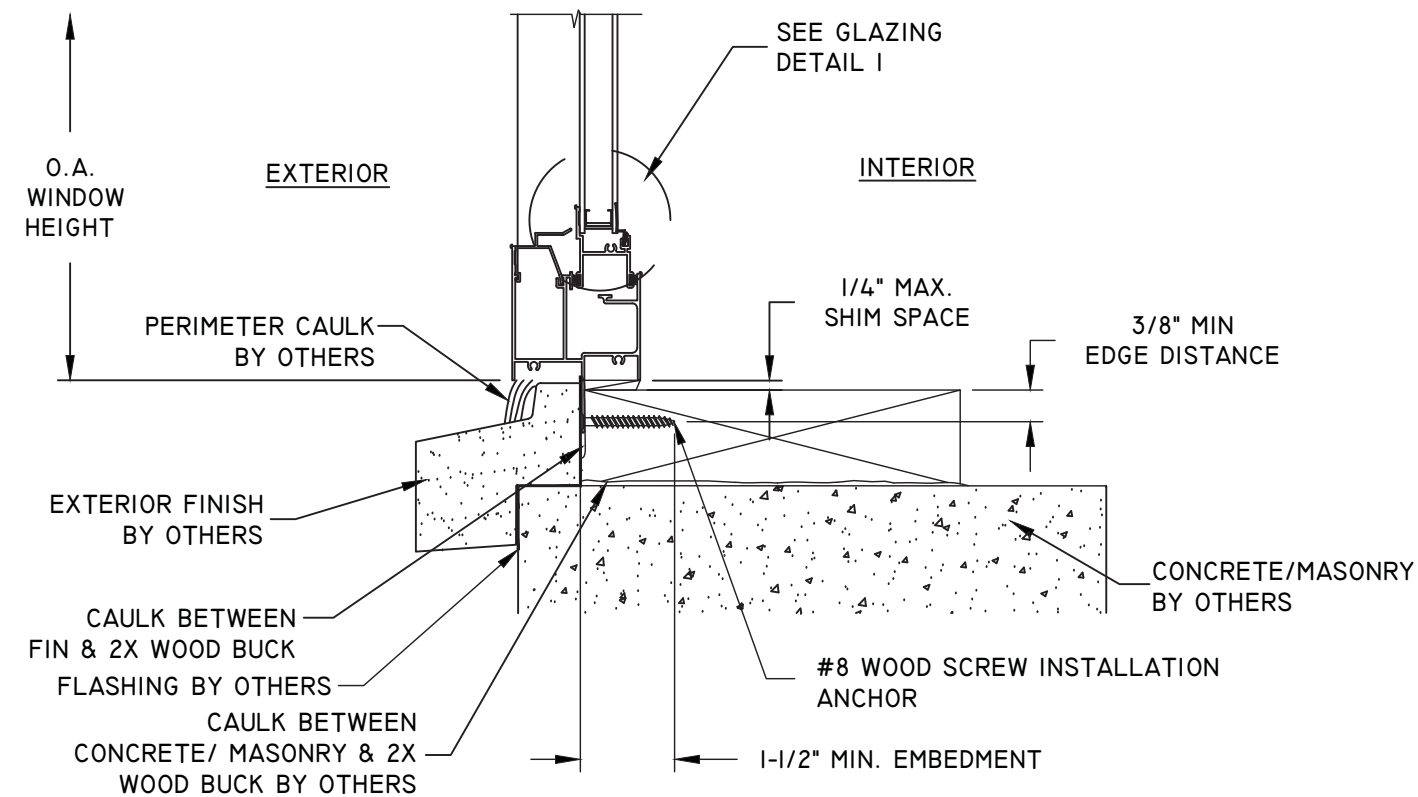
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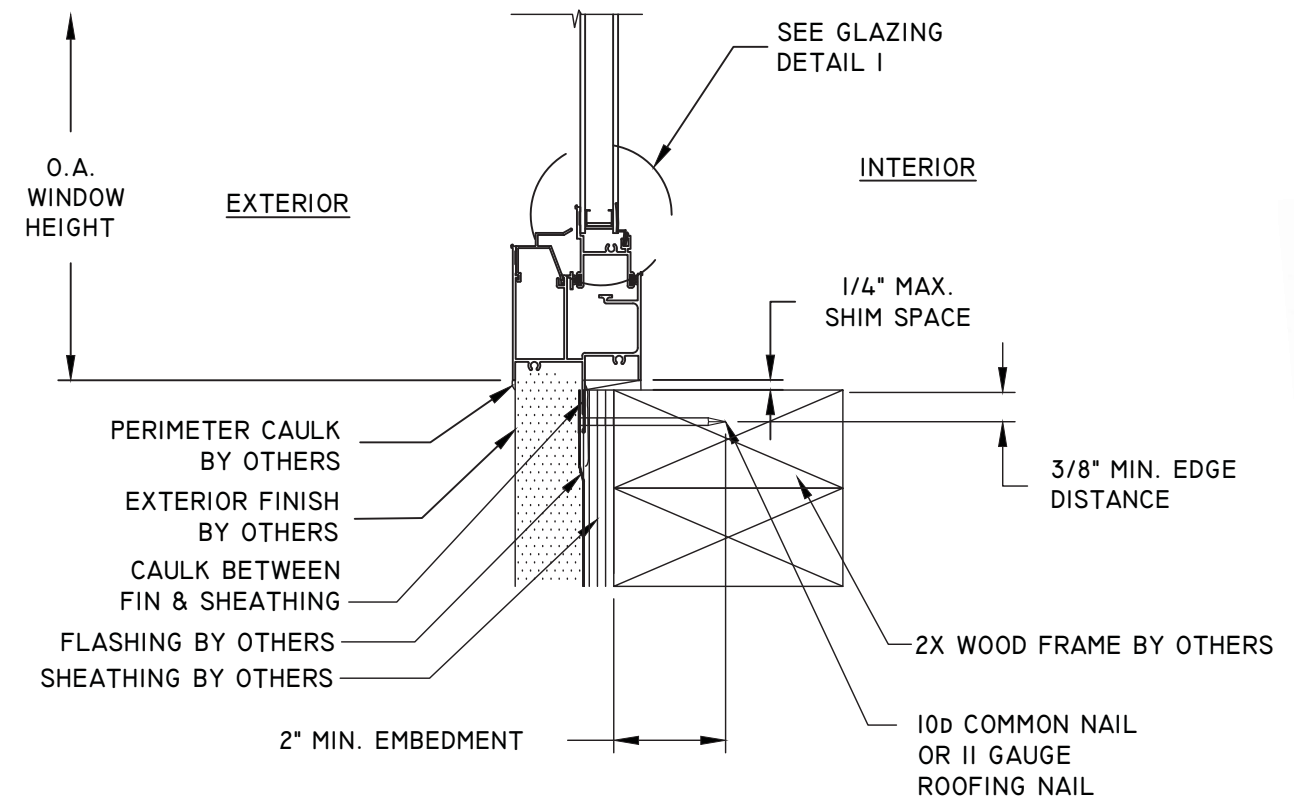
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3 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
FIN INSTALLATION



D
3 **VERTICAL SECTION**
HEAD - METAL STUD
FIN INSTALLATION

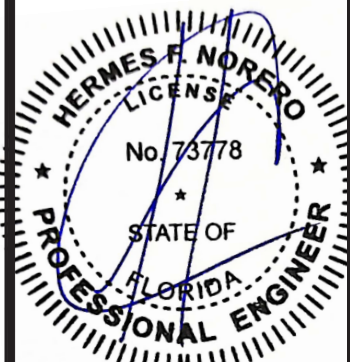


A
3 **VERTICAL SECTION**
SILL - 2X WOOD BUCK
FIN INSTALLATION



B
3 **VERTICAL SECTION**
SILL - 2X WOOD FRAME
FIN INSTALLATION

TITLE: BUILDER 4720F ALUMINUM HORIZONTAL SLIDER VERTICAL SECTIONS	NO.	REVISION DESCRIPTION	BY	DATE
	A	CODE CHANGES	SSM	10.28.13
	B	2014 FBC CODE CHANGES	LA	02.01.17
	C	7TH EDITION (2020) FBC	LMH	11.14.20
	D	UPDATED TO CURRENT FBC.	LMH	11.20.24
DATE: 01.07.11	DWN BY: MSS	CHK BY: HFN	SCALE: NTS	



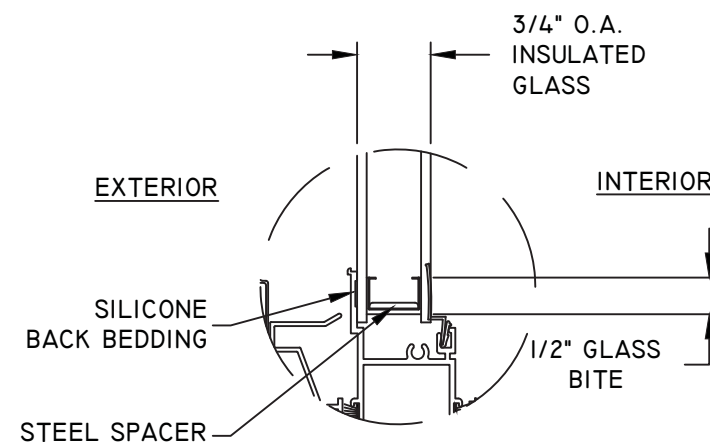
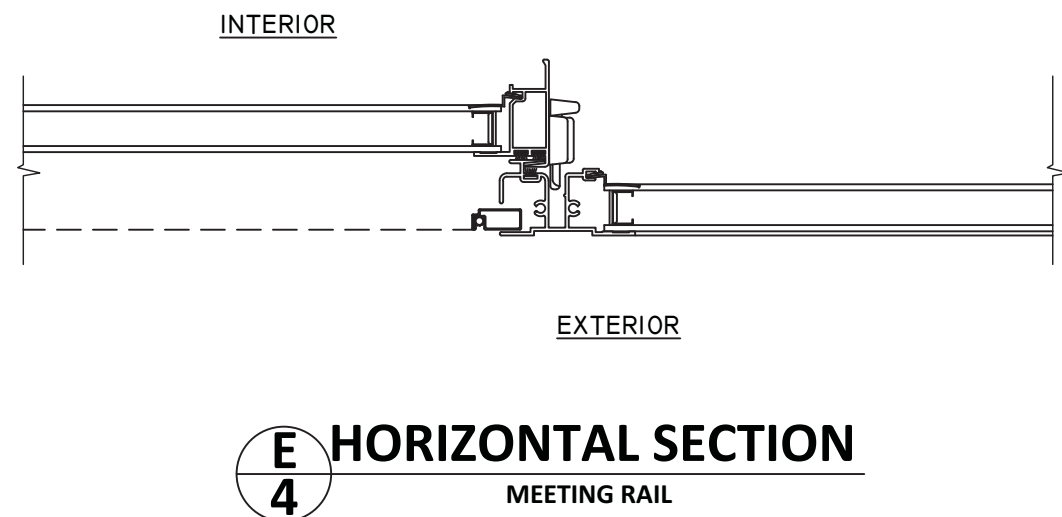
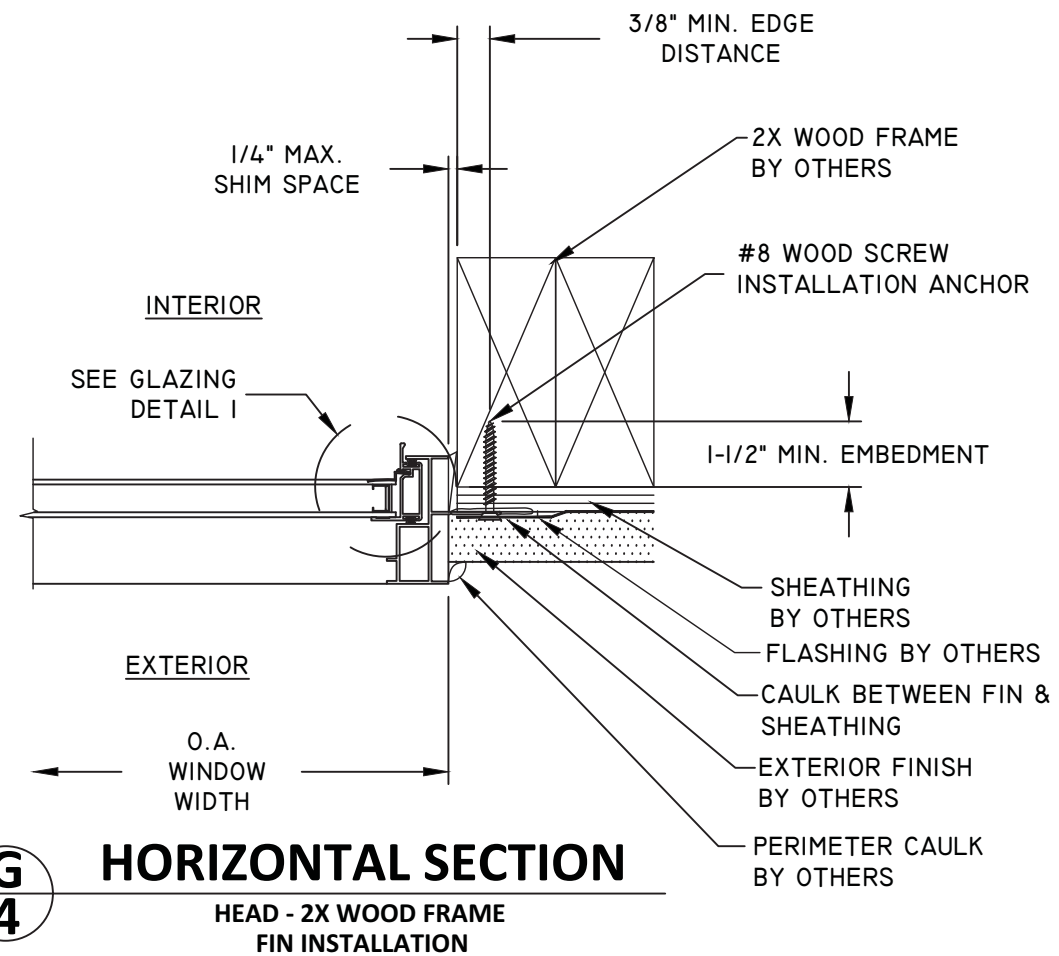
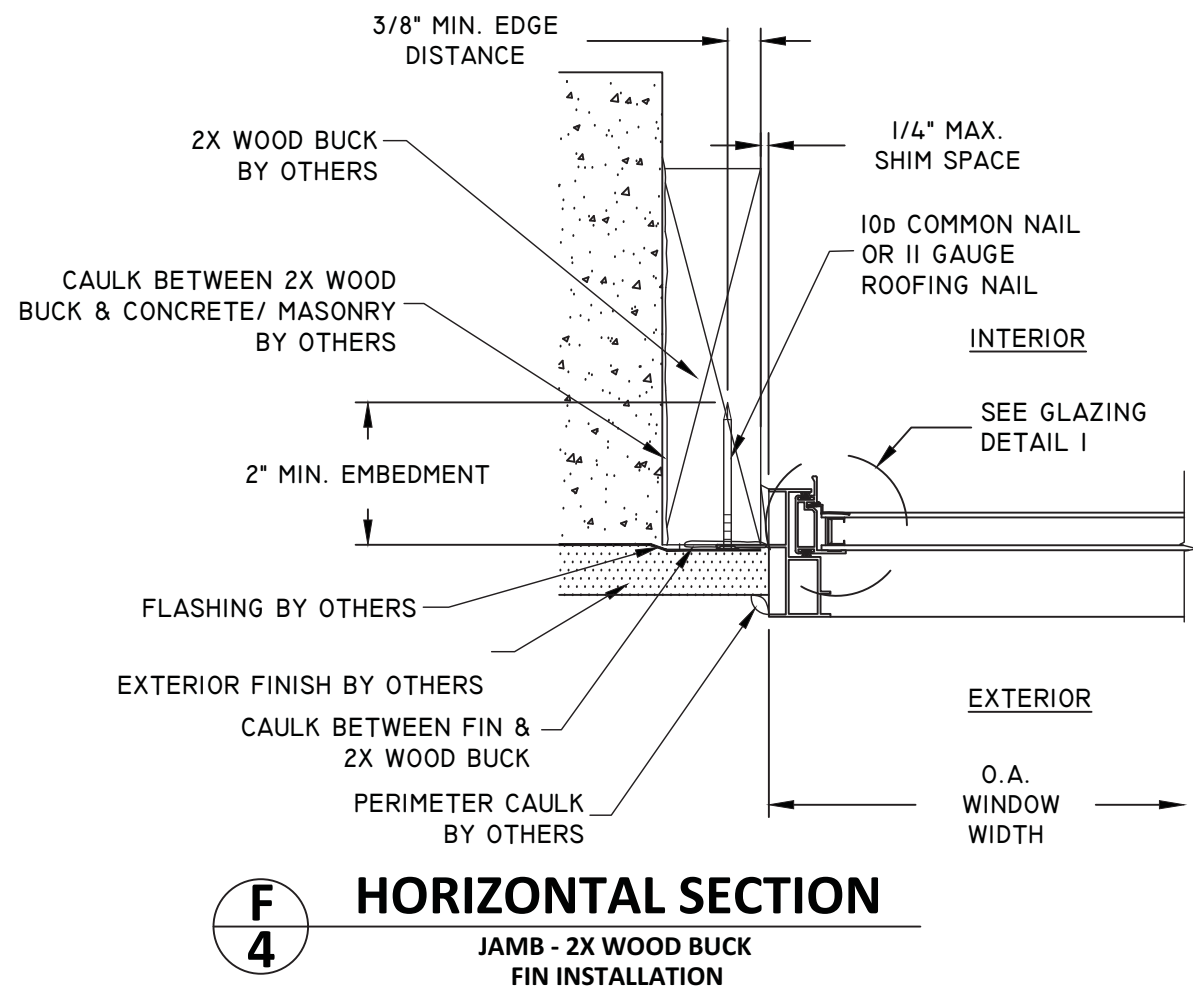
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FL #: **14251**

DWG #: **PGW041**

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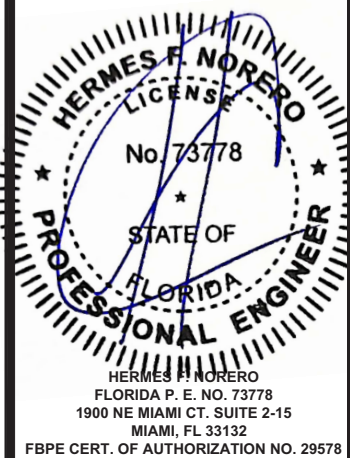


NOTE:
GLASS THICKNESS AND TYPE
SHALL COMPLY WITH ASTM
E1300 REQUIREMENT GLASS
CHARTS.

TITLE: BUILDER 4720F ALUMINUM HORIZONTAL SLIDER
HORIZONTAL SECTIONS & GLAZING DETAILS

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SHEET: **4 OF 4**