

PLY GEM WINDOWS

SERIES 4701FL FIXED WINDOW (NON-IMPACT)

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.
- FOR INSTALLATION THROUGH ALUMINUM STUD FRAME USE ONE (1) #8 SELF-TAPPING SCREW PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE 3 *THREADS* MINIMUM ENGAGEMENT INTO ALUMINUM FRAME SUBSTRATE.
- 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.
- 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:
A. ALUMINUM - 1/8" MINIMUM THICKNESS (6063-T5)

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/I.S.2/A440-17
- ADEQUACY OF THE EXISTING STRUCTURAL ALUMINUM 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.
- 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.
- WINDOW FRAME MATERIAL: *ALUMINUM 6063-T5*
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 3 FOR GLAZING DETAILS.
- 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			
72"	72"	LC-PG55	+55/-55 PSF	NON-IMPACT
72"	96"	LC-PG40	+40/-40 PSF	NON-IMPACT

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.08.11 12:40:31 -04'00'



Ply Gem

RESIDENTIAL SOLUTIONS

A division of Cornerstone Building Brands

433 N. MAIN ST.,

PO BOX 559,

ROCKY MOUNT, VA 24151

PH: 540-484-6348

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TITLE: BUILDERS SERIES 4701 FL FIXED WINDOW
GENERAL AND INSTALLATION NOTES

DATE: 02.19.11

DWN BY: MSS

CHK BY: HFN

SCALE: NTS

NO.

REVISION DESCRIPTION

BY

DATE

A

FBC 5TH EDITION UPDATE

SM

07.29.14

B

7TH EDITION (2020) FBC

LMH

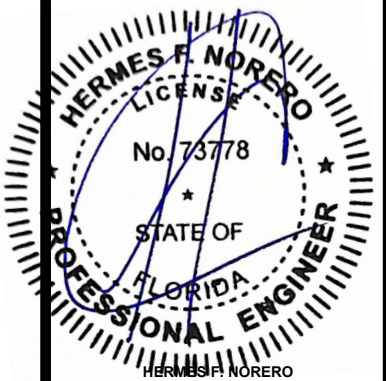
11.17.20

C

UPDATED TO CURRENT FBC

LMH

07.15.24



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

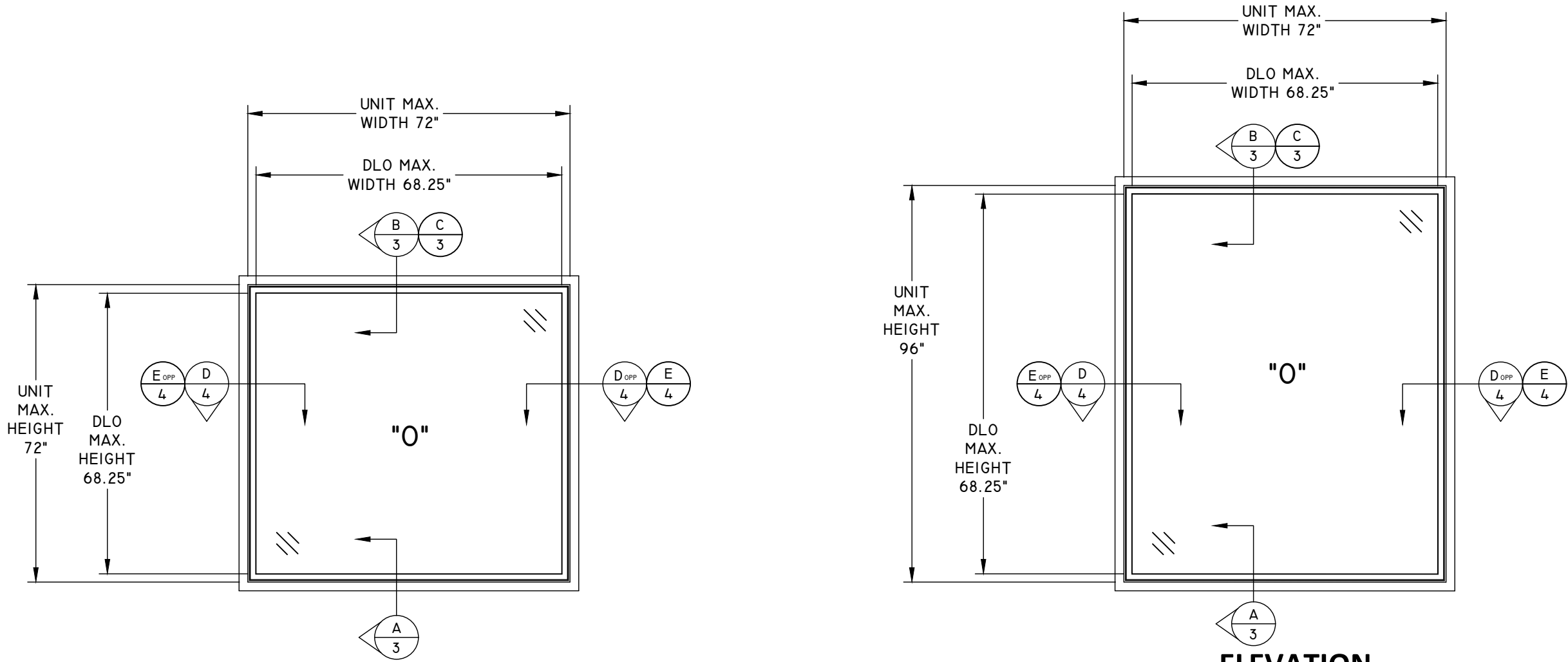


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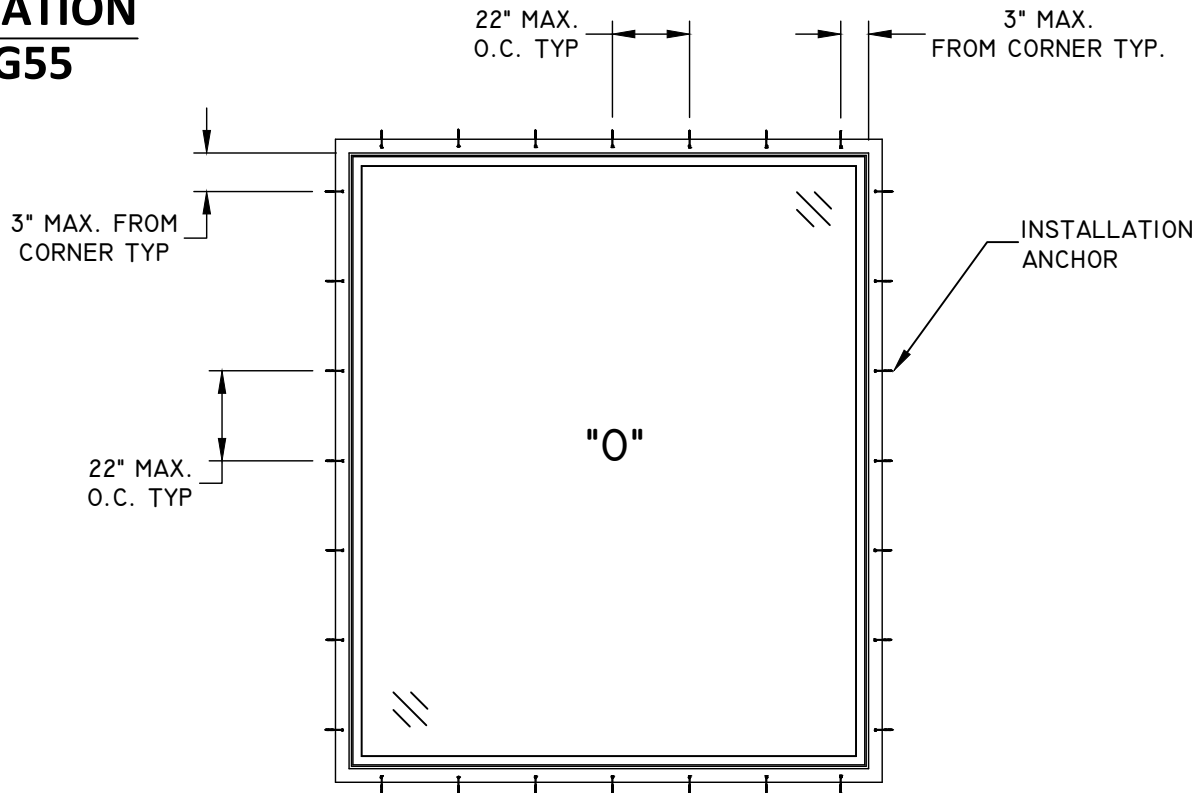
DWG #: PGW055

SHEET: 1 OF 3



ELEVATION
PG55

ELEVATION
PG40

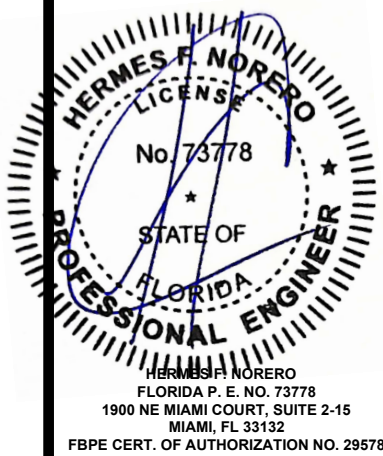


ANCHOR LAYOUT
FLANGE

PG55 AND PG40

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TITLE: BUILDERS SERIES 470I FL FIXED WINDOW ELEVATIONS & ANCHOR LAYOUTS	DATE	BY	REVISION DESCRIPTION	NO.
	02.19.11	MSS	FBC 5TH EDITION UPDATE	A
	DWN BY:	SM	7TH EDITION (2020) FBC	B
	CHK BY:	LMH	UPDATED TO CURRENT FBC	C
	SCALE:	NTS		

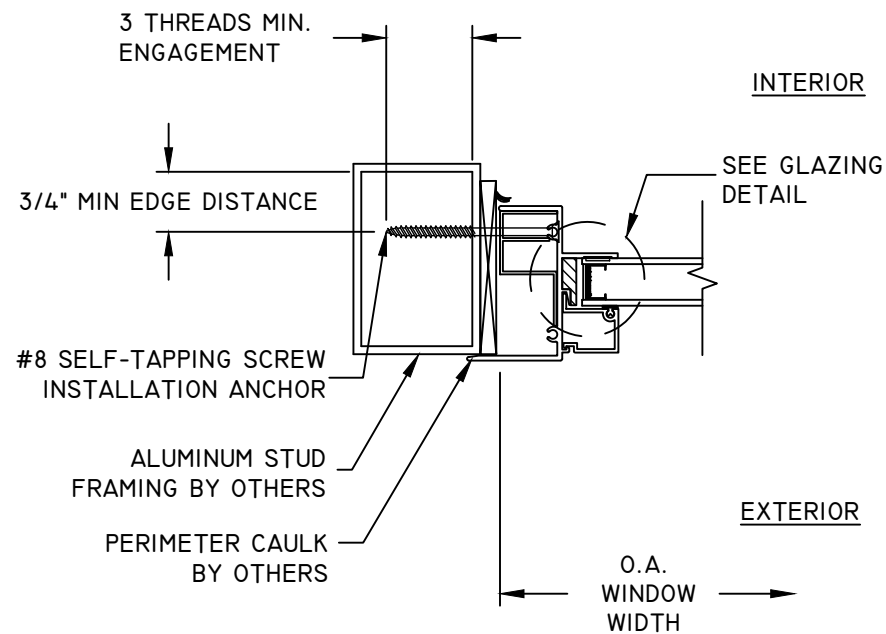


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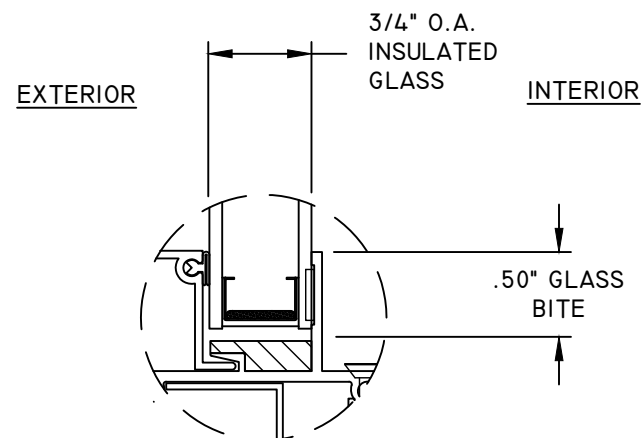
FL#: 14434

DWG #: PGW055

SHEET: 2 OF 3

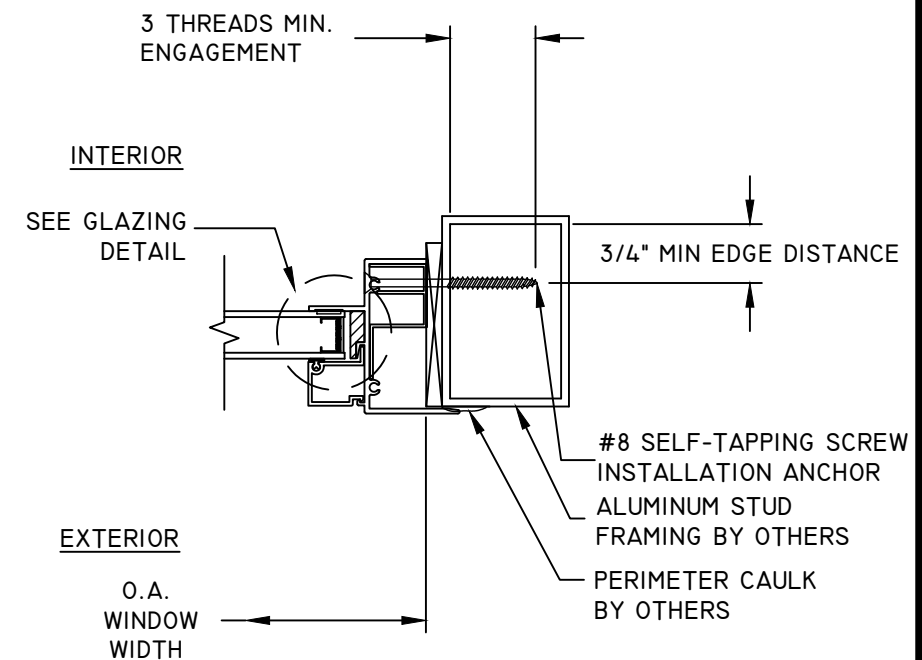


D
3 **HORIZONTAL SECTION**
JAMB - ALUMINUM STUD FRAME

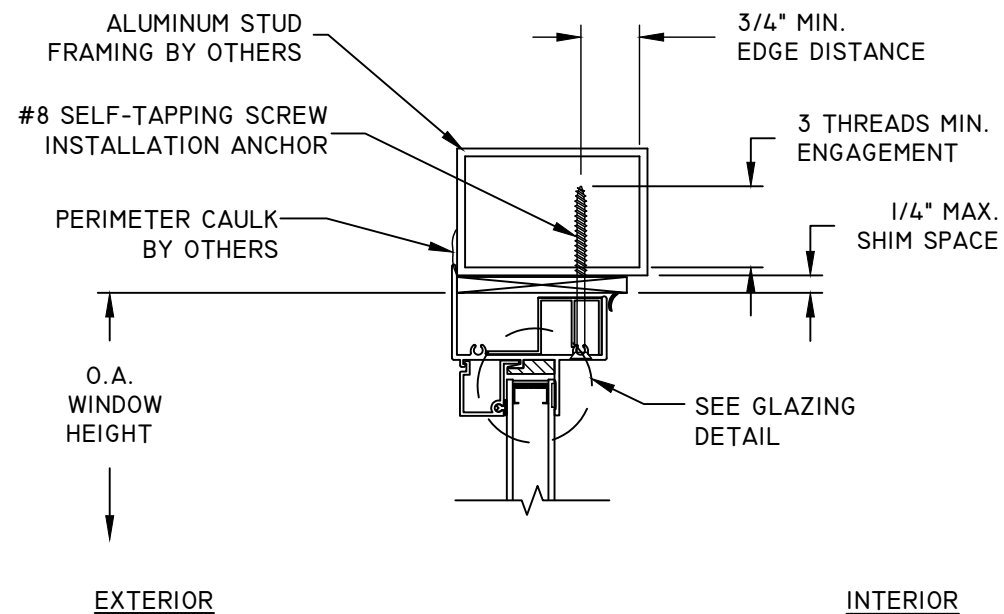


GLAZING DETAIL 1

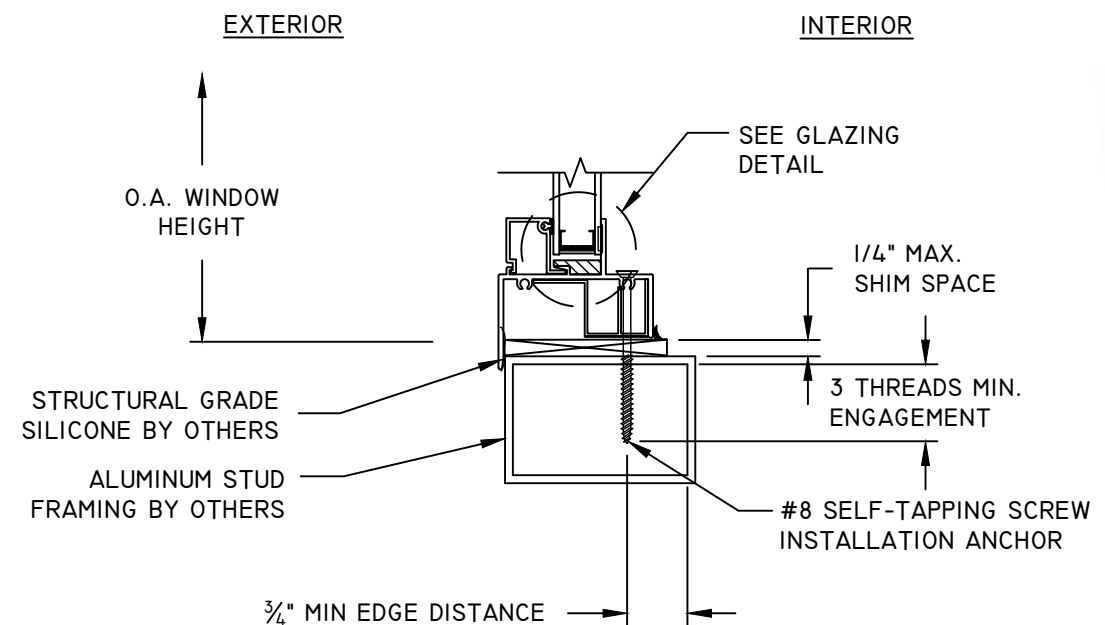
NOTE:
GLASS THICKNESS AND TYPE SHALL
COMPLY WITH ASTM E 1300 GLASS
CHART REQUIREMENTS.



C
3 **HORIZONTAL SECTION**
JAMB - ALUMINUM STUD FRAME



B
3 **VERTICAL SECTION**
HEAD - ALUMINUM STUD FRAME



A
3 **VERTICAL SECTION**
SILL - ALUMINUM STUD FRAME

TITLE: BUILDERS SERIES 470I FL FIXED WINDOW VERTICAL SECTIONS, HORIZONTAL SECTIONS, & GLAZING DETAIL	NO.	REVISION DESCRIPTION	BY	DATE
	A	FBC 5TH EDITION UPDATE	SM	07.29.14
	B	7TH EDITION (2020) FBC	LMH	11.17.20
	C	UPDATED TO CURRENT FBC	LMH	07.15.24
DATE: 02.19.11	DWN BY: MSS	CHK BY: HFN	SCALE: NTS	

