

PLY GEM WINDOWS

PREMIUM MIRA DOUBLE HUNG STATIONARY WINDOW

- NOTES:
1. THIS INSTALLATION HAS BEEN EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE OUTSIDE THE HVHZ, AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES DO NOT EXCEED THE DESIGN PRESSURE RATINGS HEREIN.

2. WHEN USED IN AREAS REQUIRING IMPACT PROTECTION, THIS PRODUCT REQUIRES THE USE OF APPROVED IMPACT PROTECTIVE DEVICES (SHUTTERS).

3. ANCHOR TYPE, SIZE, SPACING, EMBEDMENT, AND EDGE DISTANCE SHALL BE AS SPECIFIED IN THESE DRAWINGS. USE APPROPRIATE ANCHORAGE FROM TABLE I ACCORDING TO SUBSTRATE TYPE. A MINIMUM CENTER-TO-CENTER SPACING OF 3" SHALL BE MAINTAINED BETWEEN ALL INSTALLATION FASTENERS IN ANY DIRECTION.

4. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR MASONRY OPENINGS WITH WOOD BUCKS LESS THAN 1-1/2" THICK, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, AND INTO MASONRY SUBSTRATE. WOOD BUCKS WITH MASONRY ARE OPTIONAL.

5. WOOD, METAL, OR MASONRY OPENINGS, BUCKS, AND BUCK FASTENERS, BY OTHERS, SHALL BE PROPERLY DESIGNED AND INSTALLED BY OTHERS TO TRANSFER SUPERIMPOSED LOADS TO THE STRUCTURE. ADEQUACY OF THE STRUCTURE TO RECEIVED THESE LOADS SHALL BE VERIFIED BY THE CONTRACTOR OR AUTHORITY HAVING JURISDICTION (AHJ).

6. IT IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD OR AS APPROVED BY THE AHJ TO SELECT PLY GEM PRODUCTS TO MEET ALL APPLICABLE LOCAL LAWS, BUILDING CODES, ORDINANCES, OR OTHER SAFETY REQUIREMENTS FOR EACH INSTALLATION.

7. SHIMS ARE REQUIRED WHERE GAPS OF GREATER THAN 1/16" EXIST BETWEEN OPENING AND FRAME. MAX. SHIM STACK IS 1/4". SHIMS SHALL BE LOAD-BEARING AND CAPABLE OF TRANSFERRING LOADS TO THE SUBSTRATE.

8. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE OF THE INSTALLED PRODUCT SHALL BE THE RESPONSIBILITY OF OTHERS USING ASTM E 2112 AND IS NOT ADDRESSED BY THIS DOCUMENT.

9. INSTALLED GLAZING SHALL COMPLY WITH ASTM E 1300.

10. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS. ANY DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT REACTIONS IN ACCORDANCE WITH CODE REQUIREMENTS.

11. A WIND LOAD DURATION FACTOR Cd = 1.6 WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.

12. PRODUCTS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS CERTIFIED TESTING LABORATORIES I795W.

13. DESIGNATION "X" IS FOR OPERABLE PANEL AND "O" IS FOR FIXED PANEL

14. USE A BACKER ROD ON ALL JOINTS >3/4" DEEP AND/OR WIDER THAN 1/4". FINISHED CAULK JOINT SHOULD BE A MINIMUM OF 3/8" DEEP.

SIZE CHART				
OVERALL SIZE		PRODUCT RATING	MAX. DESIGN PRESSURE	MISSILE IMPACT RATING
WIDTH	HEIGHT			
73-3/8"	87-6/19"	LC-PG50	+50/-50 PSF	NON-IMPACT

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SHEET	SHEET DESCRIPTION
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TABLE I: INSTALLATION FASTENERS TABLE

ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED.	MIN. EDGE DISTANCE
A	2X MIN. SOUTHERN PINE WOOD (G=0.55)	8D COMMON NAIL (0.131" MIN.) OR 0.120" MIN. ROOFING NAIL	2"	7/16"
B	2X MIN. SPRUCE-PINE-FIR WOOD (G=0.42)	#8 WOOD SCREW	1-1/2"	7/16"
C	18 GAUGE (0.060") STEEL 36 KSI MIN. YIELD, OR 1/8" ALUM. 6063-T5 MIN.	#10-16 SELF-DRILLING SCREW (TEKS/DRIL-FLEX/KWIK-FLEX)	FULL, PLUS 3 THREADS MIN.	7/16"

NOTE: ALL SCREWS SHALL HAVE MOD. TRUSS, PAN, OR HEX WASHER HEAD, 0.42" MIN. HEAD OR WASHER DIAMETER. ALL NAILS SHALL HAVE FULL ROUND HEAD (OR USE CAPS/WASHERS), 0.42" MIN. HEAD OR WASHER DIAMETER.



Ply Gem

WINDOWS & DOORS

Part of the Cornerstone Building Brands Family

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ROCKY MOUNT, VA 24151

PH: 540-484-6348
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DATE: 02.06.12		TITLE: MIRA DOUBLE HUNG STATIONARY WINDOW INSTALLATION & GENERAL NOTES			
DWN BY: GRN		NO.	REVISION DESCRIPTION	BY	DATE
CHK BY:		A	FBC 5TH EDITION UPDATE	SM	10.13.14
		B	ADDED NOTES & TABLE I	LMH	12.05.17
SCALE:		C	UPDATED FOR 7TH EDITION 2020 FBC	LMH	11.29.20
NTS		D	UPDATED TO CURRENT FBC	LMH	03.03.26



03/03/2026
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TURNER ENGINEERING & CONSULTING, INC.
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2428 OLD NACHEZ TRACE
TRAIL, CAMDEN, TN 38320
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FL#: 15327

DWG #: PGWI47

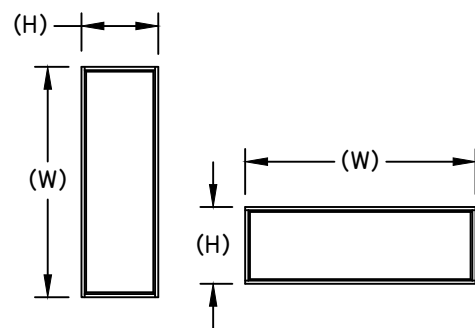
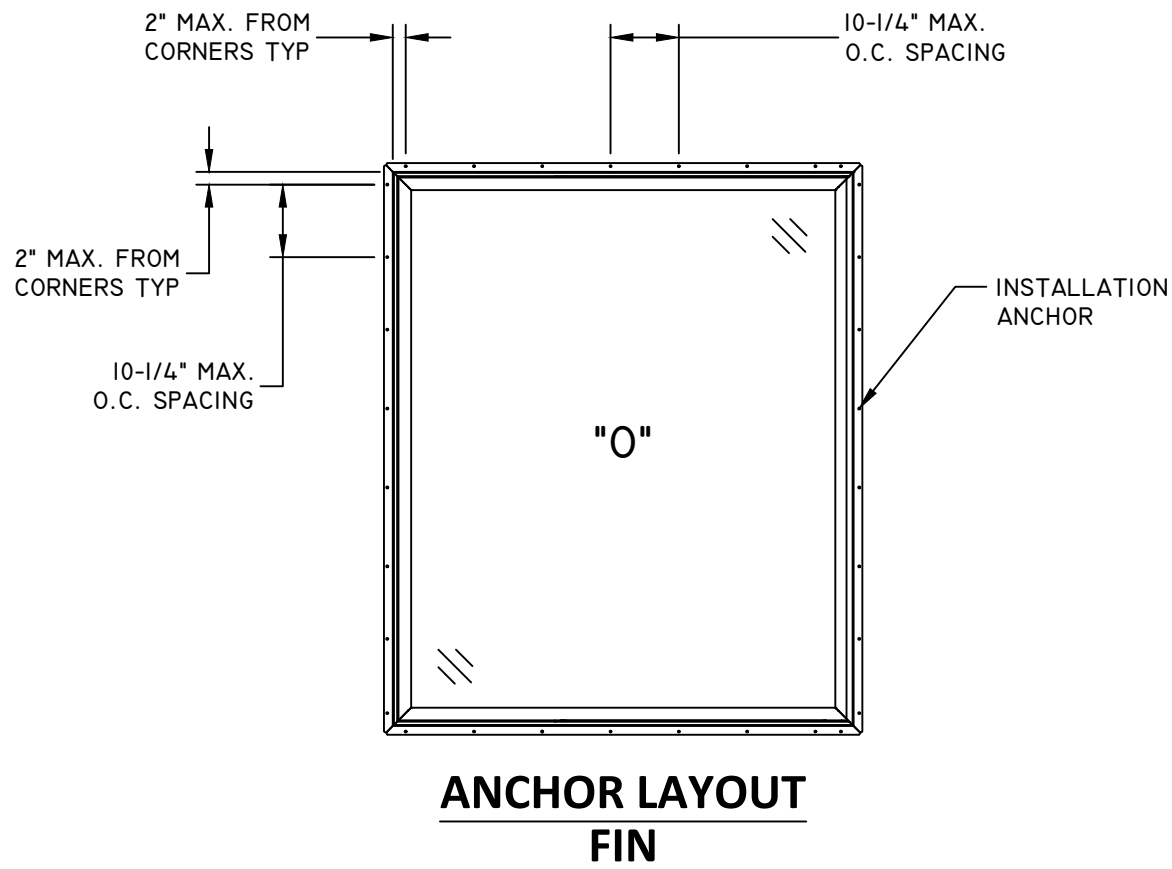
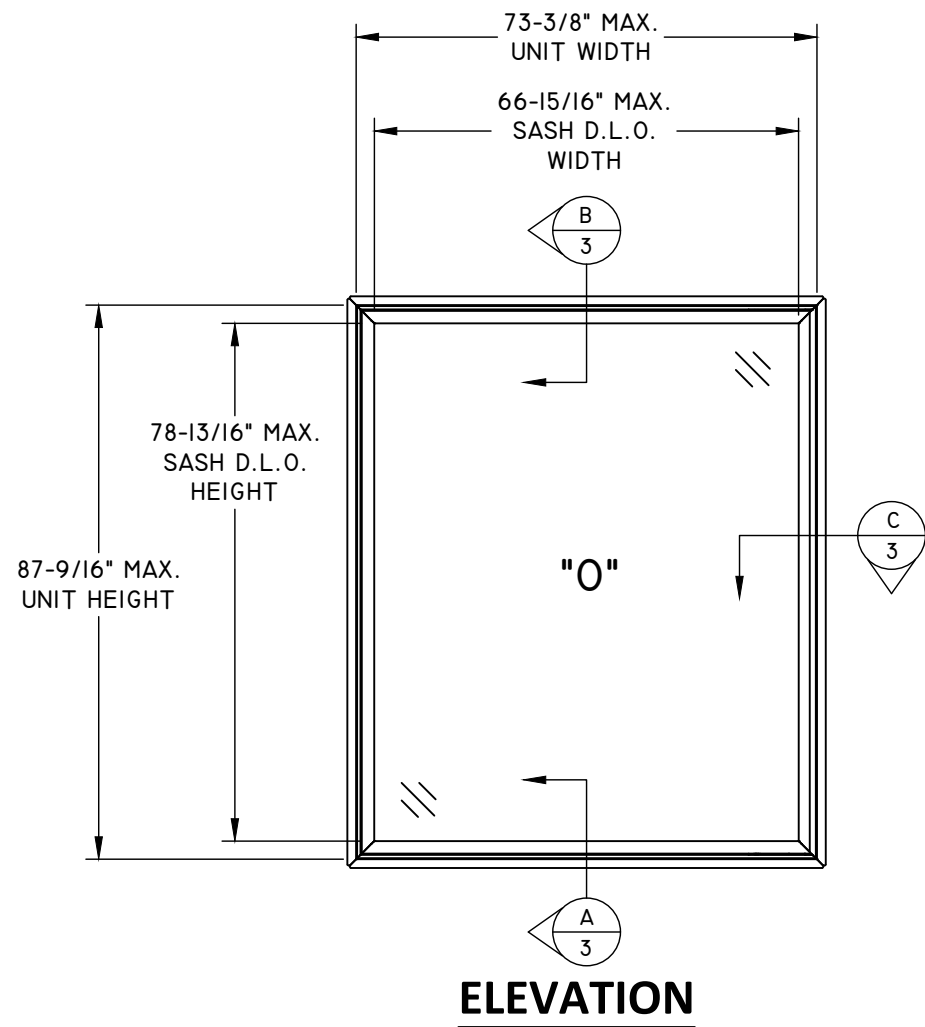
SHEET: 1 OF 3

TITLE: MIRA DOUBLE HUNG STATIONARY WINDOW ELEVATION & ANCHOR LAYOUTS		BY	DATE
		REVISION DESCRIPTION	
DATE: 02.06.12	DWN BY: GRN	A	FBC 5TH EDITION UPDATE
	CHK BY: .	B	ADDED NOTES & TABLE I
	SCALE: NTS	C	UPDATED FOR 7TH EDITION 2020 FBC
		D	UPDATED TO CURRENT FBC

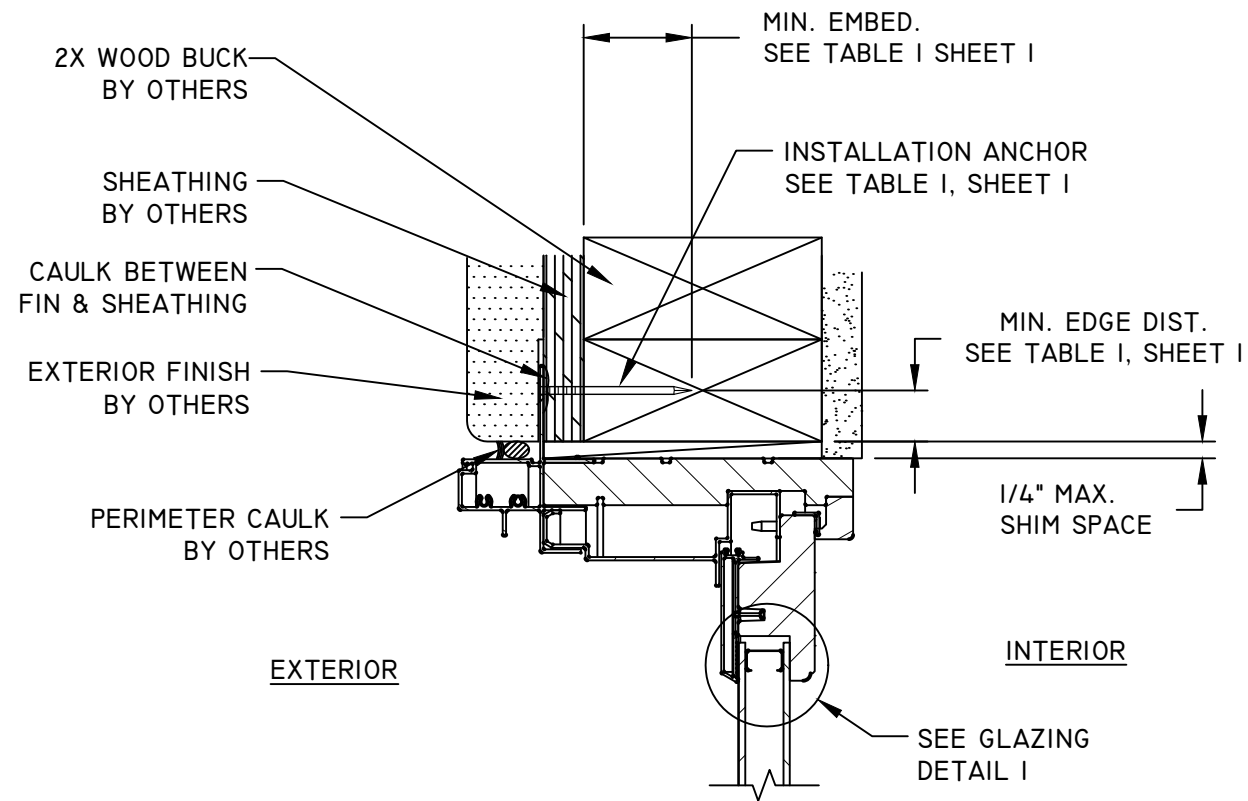


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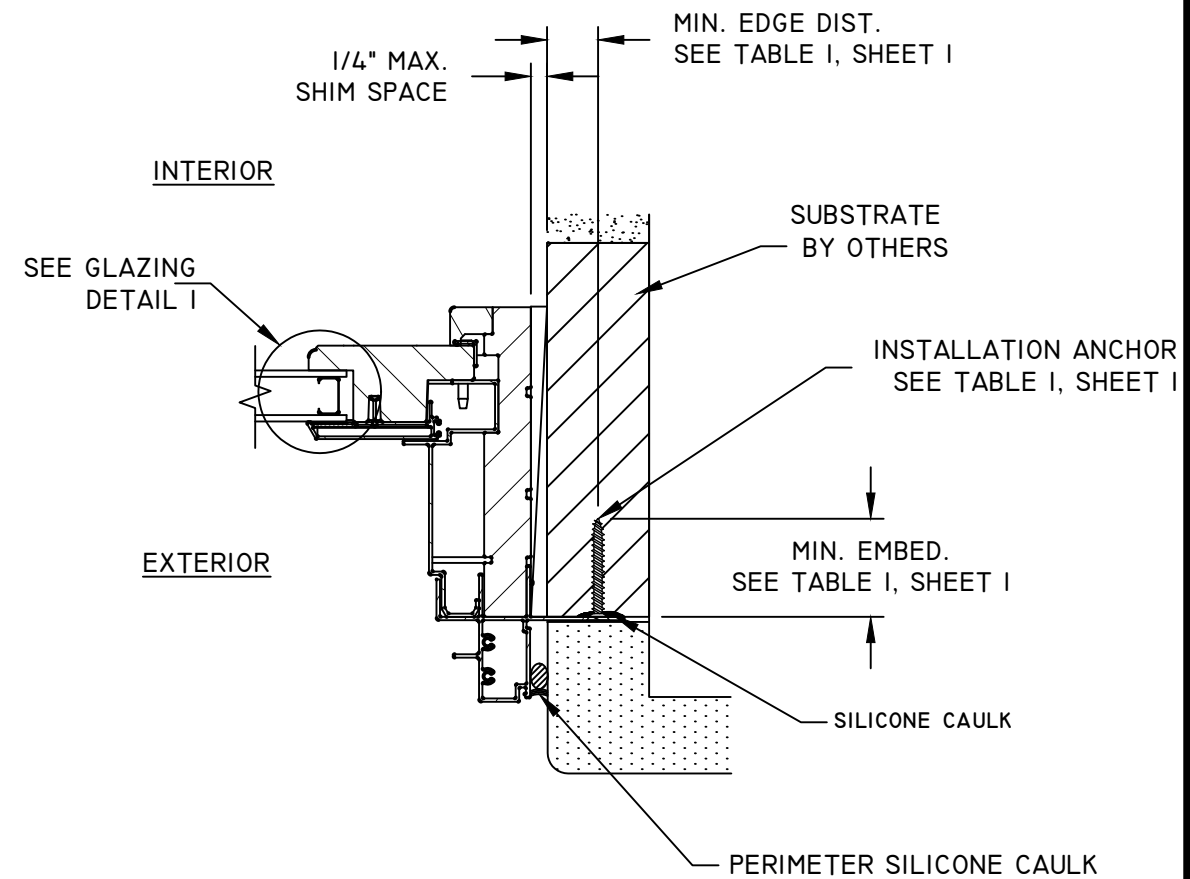
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DWG #:	PGWI47
SHEET:	2 OF 3



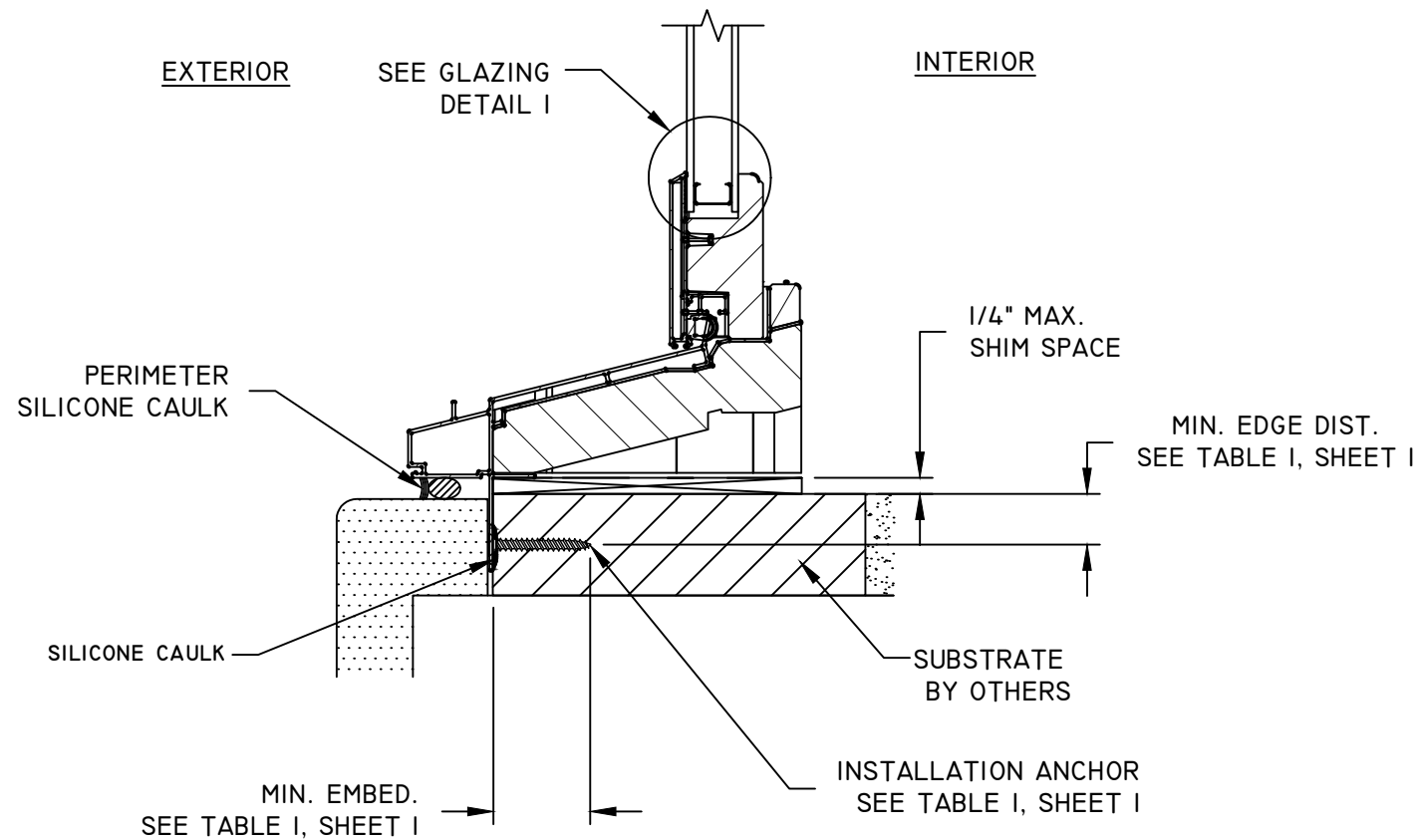
NOTE:
WINDOW WIDTH (W) AND HEIGHT
(H) ARE INTERCHANGEABLE FOR ALL
SIZES SHOWN HEREIN NOT TO EXCEED
MAXIMUM QUALIFIED SQUARE FOOT AREA.



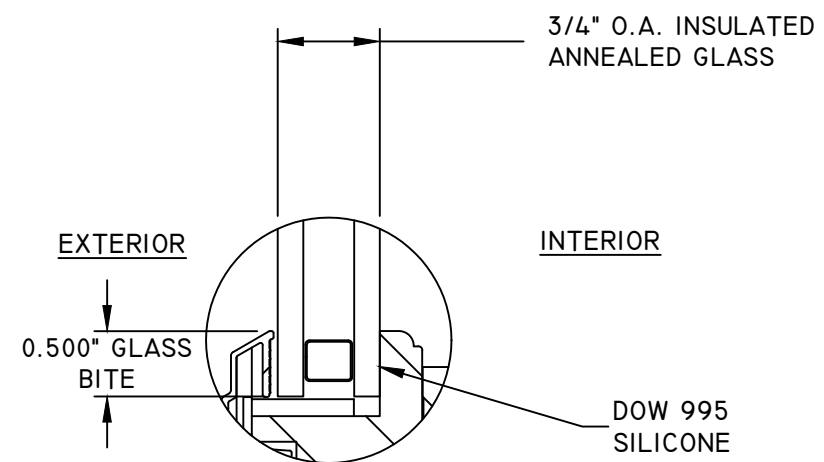
**B
3** **VERTICAL SECTION**
2X WOOD STUD SUBSTRATE - HEAD
FIN INSTALLATION



**C
3** **HORIZONTAL SECTION**
JAMB
FIN INSTALLATION



**A
3** **VERTICAL SECTION**
SILL
FIN INSTALLATION



GLAZING DETAIL 1

NOTE: GLAZING CONFIGURATIONS SHALL COMPLY WITH
ASTM E 1300 GLASS CHART REQUIREMENTS

TITLE: MIRA DOUBLE HUNG STATIONARY WINDOW VERTICAL/HORIZONTAL SECTIONS & GLASS DETAIL		DATE	BY	REVISION DESCRIPTION
NO.				
A	FBC 5TH EDITION UPDATE	10.13.14	SM	
B	ADDED NOTES & TABLE I	12.05.17	LMH	
C	UPDATED FOR 7TH EDITION 2020 FBC	11.29.20	LMH	
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SHEET: **3 OF 3**