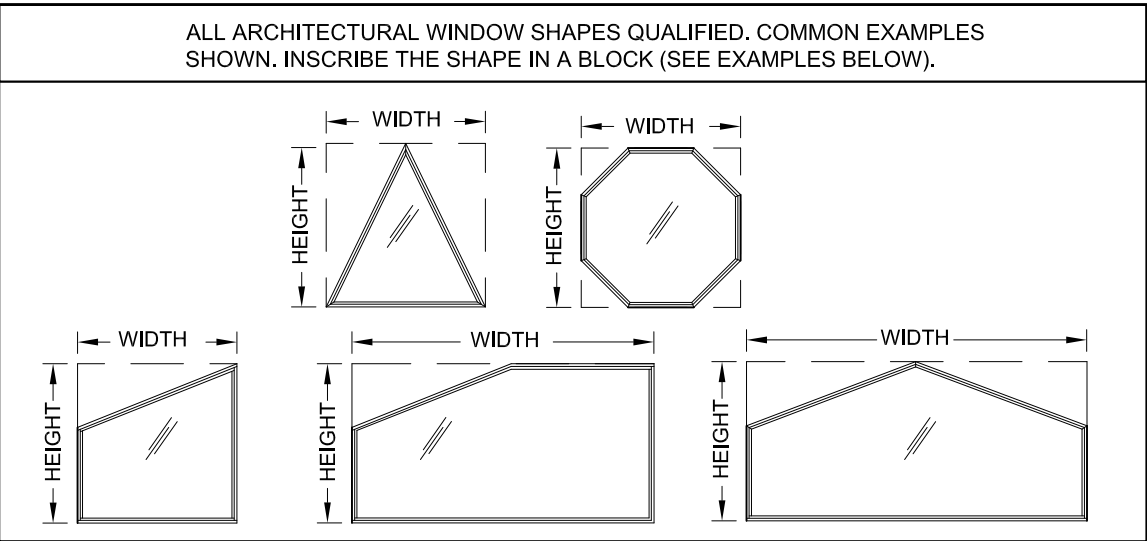
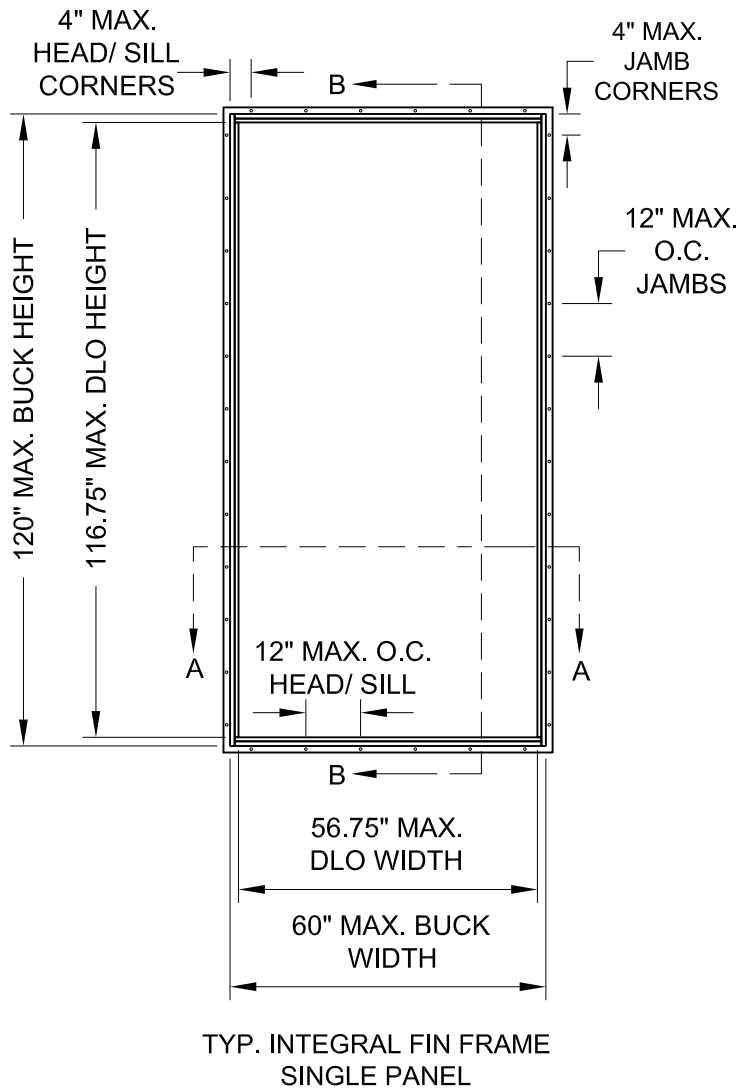


PW7630 THERMALLY-BROKEN
IMPACT RESISTANT ALUMINUM FIXED WINDOW

- 1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE, **NOT** INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.
- 3) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 1. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
- 4) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- 5) SHIMS ARE REQUIRED AT 18" MAXIMUM ON CENTER SPACING WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS. WOOD BUCKS, BY OTHERS, MUST BE SUFFICIENTLY ANCHORED TO RESIST LOADS IMPOSED ON THEM BY THE WINDOW.
- 6) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WIND LOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.

FLORIDA PRODUCT APPROVAL # 27960

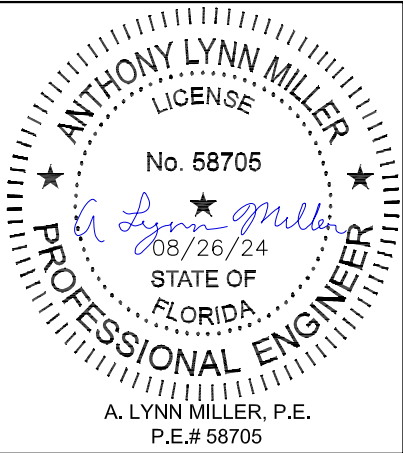


DESIGN PRESSURE
RATING +/- 60 psf

IMPACT RATING
RATED FOR LARGE MISSILE D & SMALL MISSILE A IMPACT RESISTANCE. SHUTTERS ARE NOT REQUIRED.

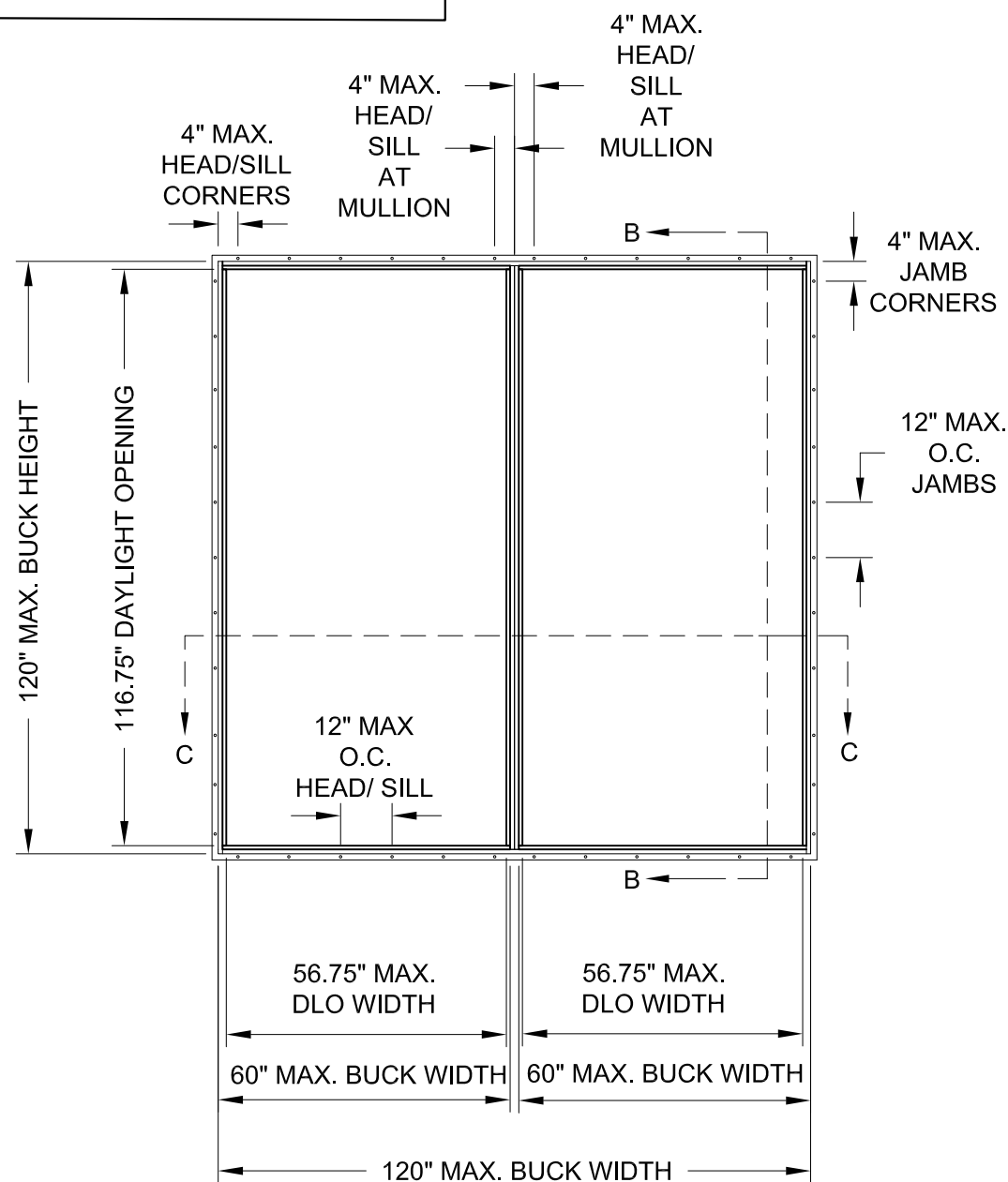
VISIBLE LIGHT FORMULAS (DLO)
WIDTH: BUCK WIDTH - 3-1/4" HEIGHT: BUCK HEIGHT - 3-1/4"

 western window systems		2200 E. Riverview Drive Phoenix, AZ 85034 Tel (877) 268-1300		PW7630 THERMALLY-BROKEN ALUMINUM FIXED WINDOW		REGISTRATION #29296		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
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Series	PW7630	Sheet	1 OF 6	DWG No.		Drawn By	S. BERKOWITZ	Date	12/19/23
Desc.	ELEVATION & GENERAL NOTES								
PW7630FPA-LMI									

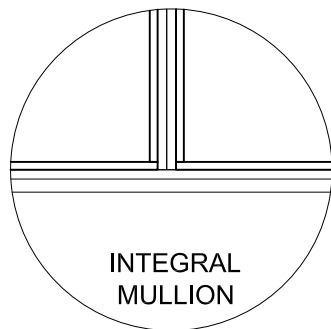


Rev.	A
Date	8/26/24
Rev.	CHANGE DP TO +/- 60 PSF. SB

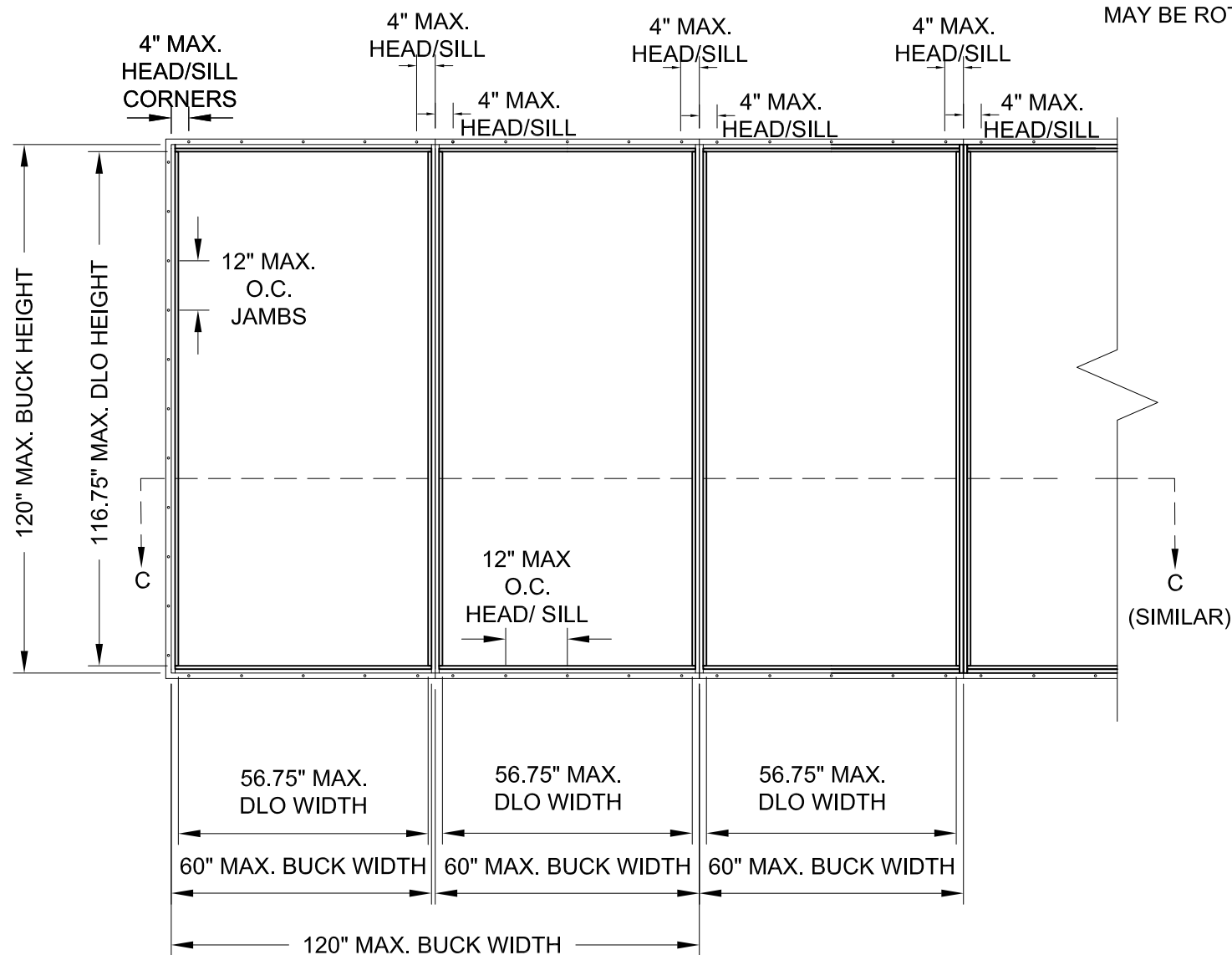
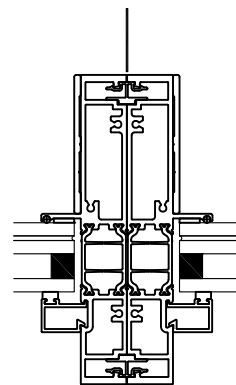
MULLION CONFIGURATIONS



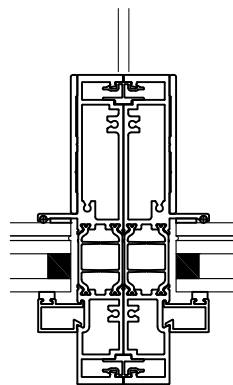
TYP. INTEGRAL FIN FRAME
DOUBLE PANEL WINDOW WITH INTEGRAL MULLION



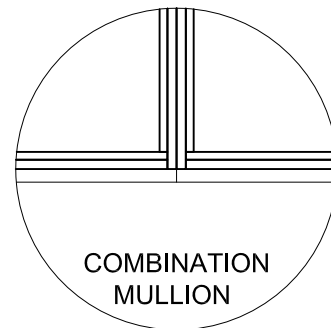
INTEGRAL MULLION
(CONTINUOUS HEAD AND SILL
FRAMES)



TYP. INTEGRAL FIN FRAME
MULTI-PANEL WINDOW WITH COMBINATION MULLIONS
(UNLIMITED NUMBER OF PANELS ALLOWED)

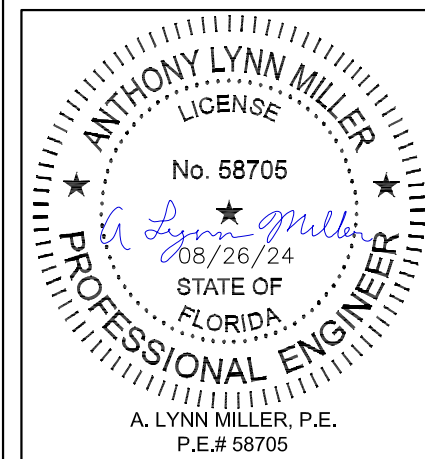


COMBINATION MULLION
(HEAD AND SILL FRAMES ARE
NOT CONTINUOUS)



NOTE:
WINDOW ASSEMBLIES SHOWN
MAY BE ROTATED 90 DEGREES.

 western window systems			PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			REGISTRATION #29296		
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PW7630 THERMALLY-BROKEN ALUMINUM FIXED WINDOW			Date			By Drown		
MULLION CONFIGURATIONS						S. BERKOWITZ		
PW7630		2 OF 6		DWG No.		PW7630FPA-LMI		



Rev.	Rev.	Rev.	Rev.
Rev.	Rev.	Rev.	Rev.
Rev.	Rev.	Rev.	Rev.
Rev.	Rev.	Rev.	Rev.

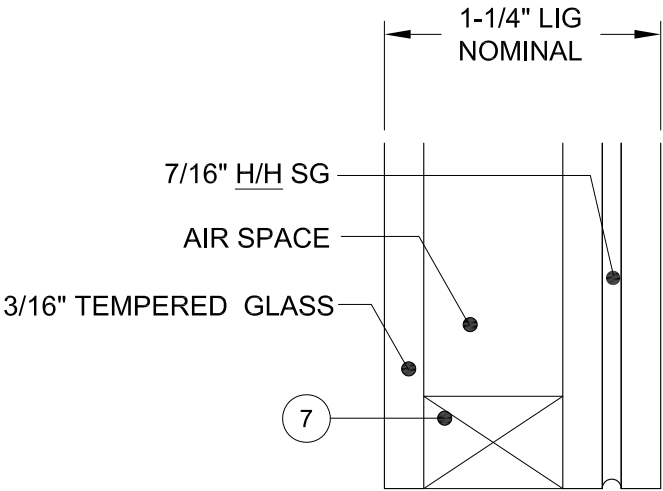
CORRECT SECTION VIEW	8/26/24	DATE	DESIGNATOR FOR 2 PANEL, SB
Rev.	Rev.	Rev.	Rev.
Rev.	Rev.	Rev.	Rev.
Rev.	Rev.	Rev.	Rev.

TABLE 1: ANCHORS INSTALLED THROUGH INTEGRAL FIN

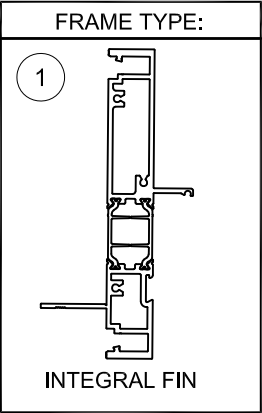
Anchor	Substrate	Min. Edge Distance	Min. Embedment
#10 SMS (steel, 18-8 S.S. or 410 S.S.)	Southern Pine (SG = .55)	1/2"	1-7/16"
	6063-T5 Al	3/8"	0.078"
	A36 Steel	5/16"	0.05"
	A653 Steel Stud Gr. 33	5/16"	0.035" (20 ga)
#12, SMS (steel, 18-8 S.S. or 410 SS)	Southern Pine (SG = .55)	1/2"	1-7/16"
	6063-T5 Al	7/16"	0.078'
	A36 Steel	5/16"	0.05"
	A653 Steel Stud, Gr. 33	5/16"	0.035" (20 ga)
3/16" Steel Ultracon+	Concrete (3k)	1"	1.3/4"
	Ungrouted CMU, (ASTM C-90)	1"	1-1/4"
	Southern Pine (SG = .55)	1/2"	2"

- 1) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
2) ALL ANCHOR HEAD TYPES ARE ACCEPTABLE.
3) ANCHORS MUST BE OF SUFFICIENT LENGTH SO THAT A MINIMUM OF 3 THREADS EXTEND BEYOND THE METAL SUBSTRATE.

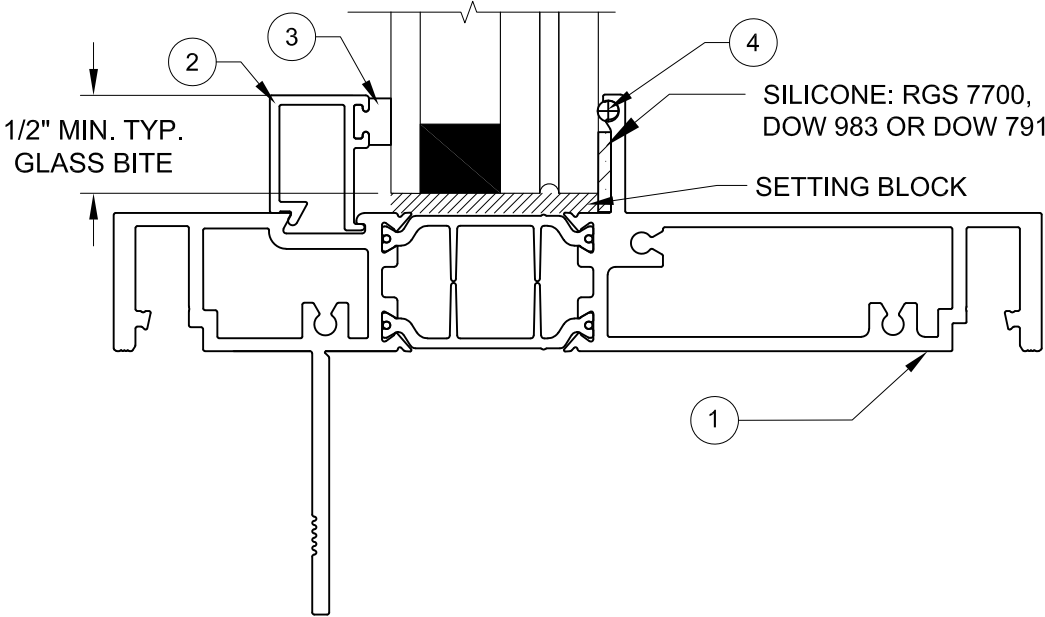
GLASS TYPE:



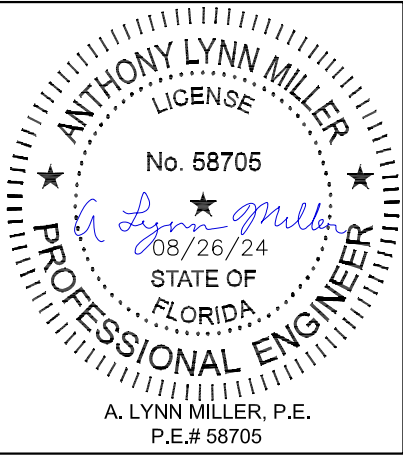
"H" = HEAT STRENGTHENED;
"SG" = .090" SENTRYGLAS BY KURARAY AMERICA INC.



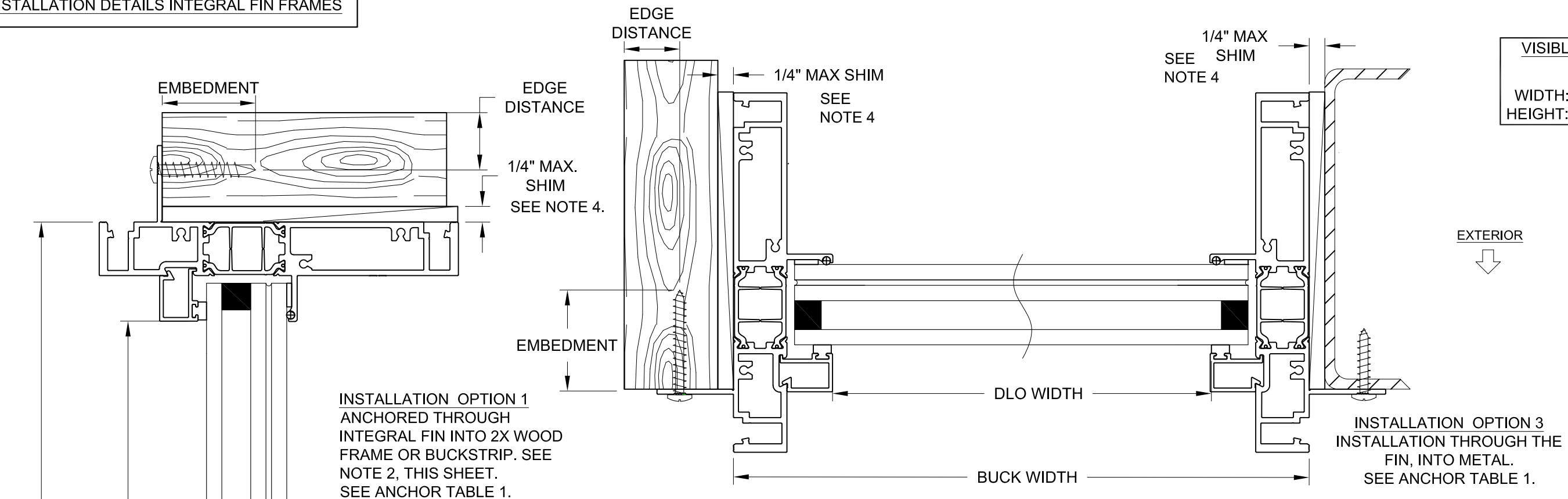
TYP. GLAZING DETAIL



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	2200 E. Riverview Drive Phoenix, AZ 85034 Tel (877) 268-1300	PW7630 THERMALLY-BROKEN ALUMINUM FIXED WINDOW	12/19/23 Date	S. BERKOWITZ By	PW7630FPA-LMI
	2200 E. Riverview Drive Phoenix, AZ 85034 Tel (877) 268-1300	PW7630 THERMALLY-BROKEN ALUMINUM FIXED WINDOW	12/19/23 Date	S. BERKOWITZ By	PW7630FPA-LMI



INSTALLATION DETAILS INTEGRAL FIN FRAMES

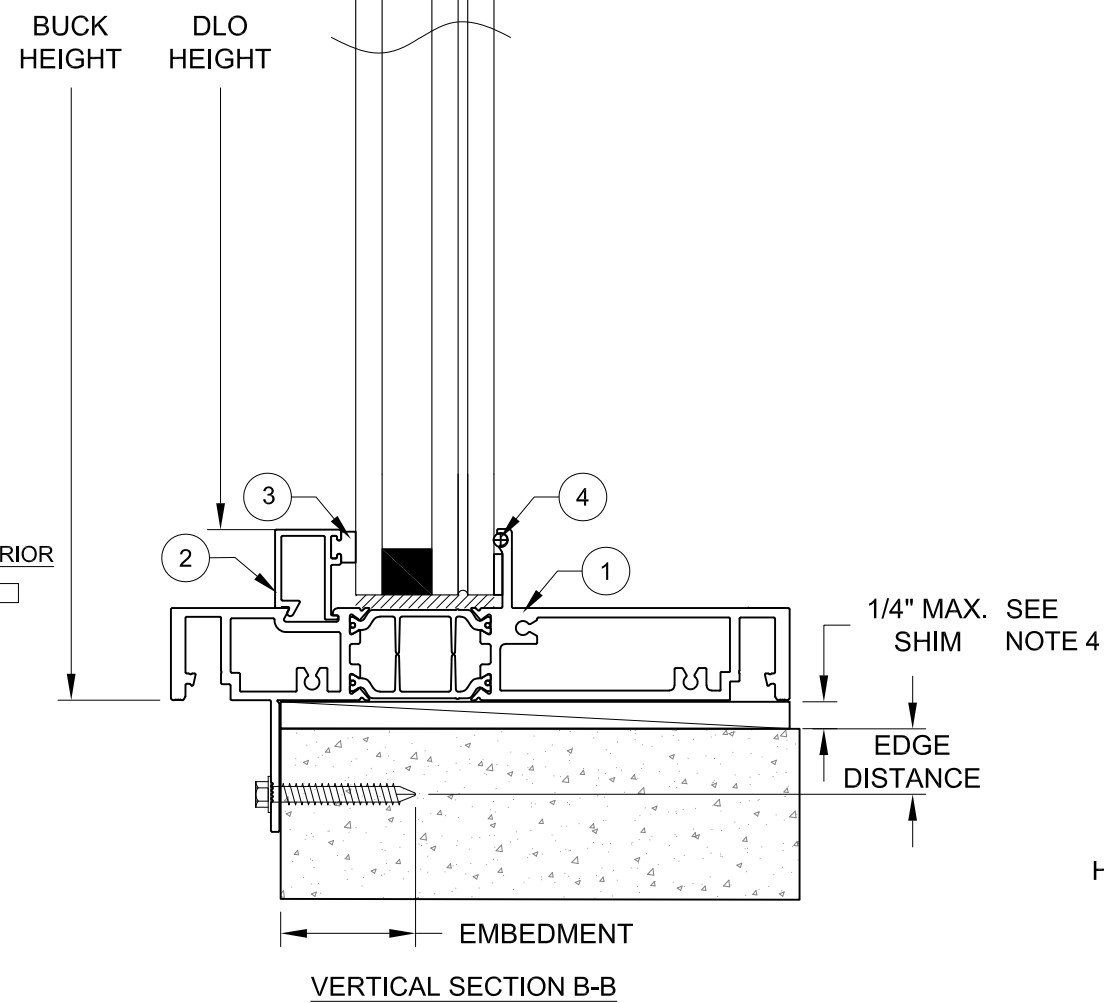


VISIBLE LIGHT FORMULAS
(DLO)
WIDTH: BUCK WIDTH - 3-1/4"
HEIGHT: BUCK HEIGHT - 3-1/4"

HORIZONTAL SECTION A-A

NOTES:

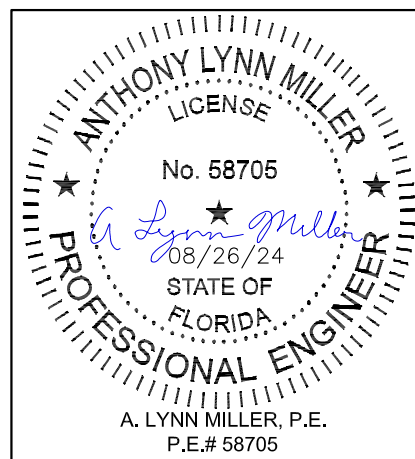
- 1) USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED IN TABLE 1. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW.
- 2) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 1. WOOD BUCKS DEPICTED AS 2X ARE 1-12" THICK OR GREATER. 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
- 3) VISIBLE LIGHT WIDTH OR HEIGHT (ALSO REFERRED TO AS DAYLIGHT OPENING) IS MEASURED FROM BEADING TO BEADING.
- 4) MAXIMUM SHIM SPACING OF 18" ON CENTER.



VERTICAL SECTION B-B

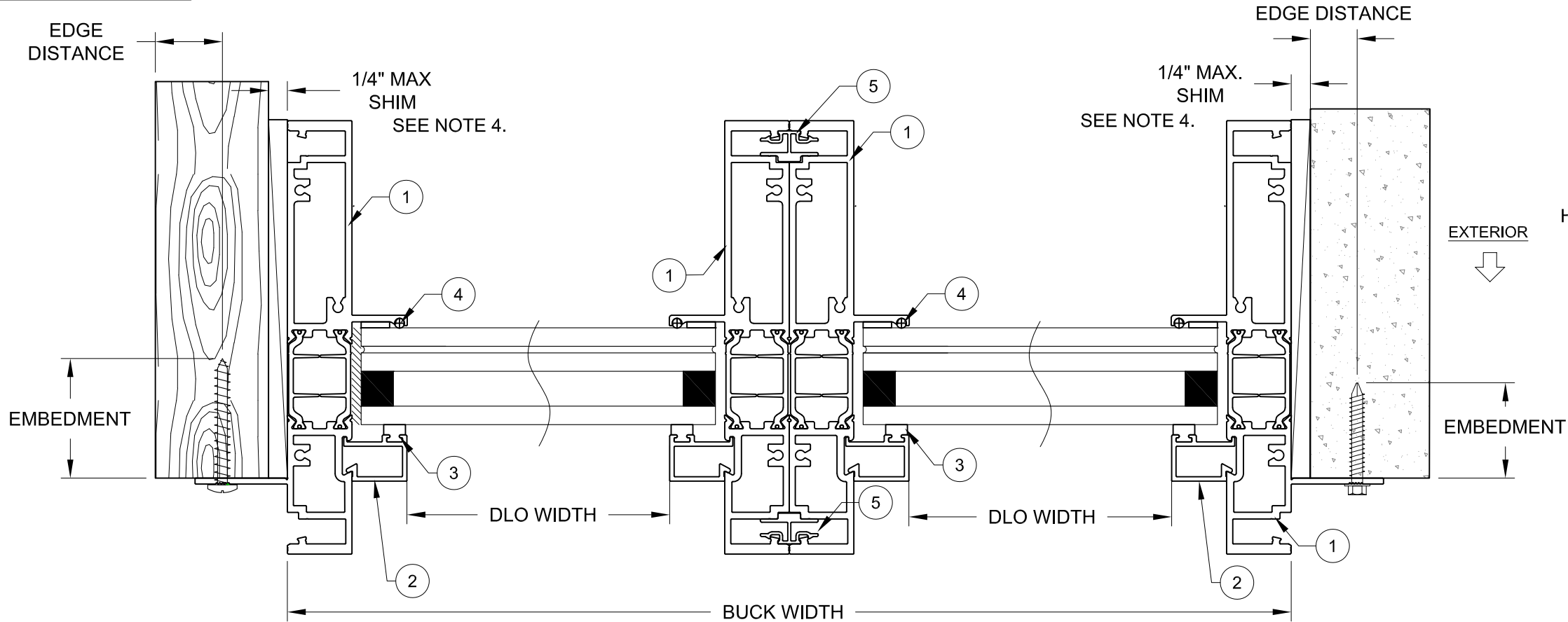
INSTALLATION OPTION 2
ANCHORED THROUGH
INTEGRAL FIN INTO
HOLLOW/ GROUTED CMU OR
CONCRETE. SEE NOTE 2.
SEE ANCHOR TABLE 1.

 western window systems	2200 E. Riverview Drive Phoenix, AZ 85034 Tel (877) 268-1300		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
	PW7630 THERMALLY-BROKEN ALUMINUM FIXED WINDOW		REGISTRATION #29296	
Title		Date		COPYRIGHT © 2024 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.
Desc.		By		
Series		Drawn		
PW7630		CROSS SECTION VIEWS		S. BERKOWITZ
Sheet		4 OF 6		No.
PW7630		DWC		PW7630FPA-LMI



INSTALLATION DETAILS FOR INTEGRAL FIN FRAMES-
DOUBLE AND MULTIPLE PANELS

INSTALLATION OPTION 1
ANCHORED THROUGH
INTEGRAL FIN INTO 2X WOOD
FRAME OR BUCKSTRIP. SEE
NOTE 2, THIS SHEET.
SEE ANCHOR TABLE 1.



HORIZONTAL SECTION C-C

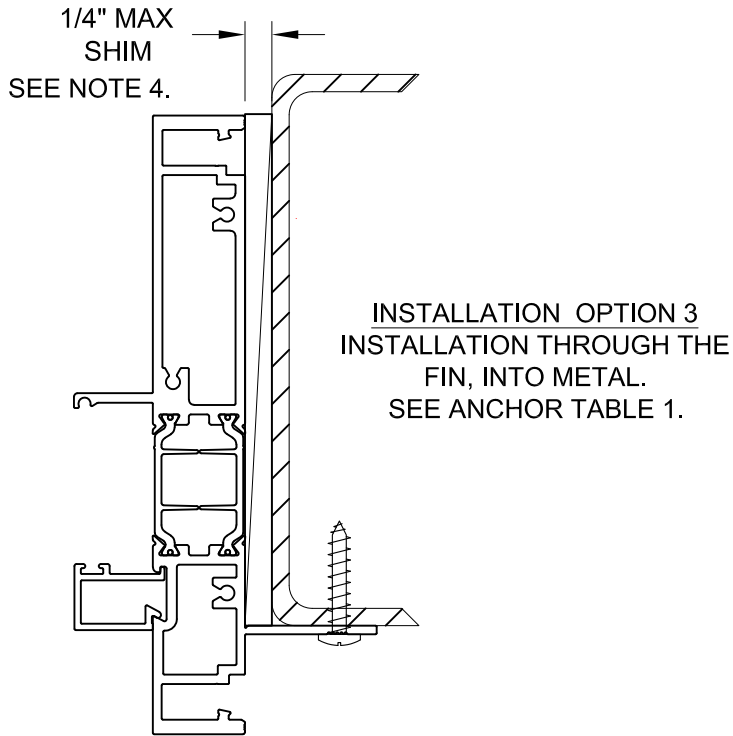
NOTES:

1) USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED IN
TABLE 1. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY
INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF
THE WINDOW.

2) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER
TABLE 1. WOOD BUCKS DEPICTED AS 2X ARE 1-12" THICK OR
GREATER. 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO
PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK
DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE
ENGINEER OR ARCHITECT OF RECORD.

3) VISIBLE LIGHT WIDTH OR HEIGHT (ALSO REFERRED TO AS
DAYLIGHT OPENING) IS MEASURED FROM BEADING TO BEADING.

4) MAXIMUM SHIM SPACING OF 18" ON CENTER.



INSTALLATION OPTION 3
INSTALLATION THROUGH THE
FIN, INTO METAL.
SEE ANCHOR TABLE 1.

INSTALLATION OPTION 2
ANCHORED THROUGH
INTEGRAL FIN INTO
HOLLOW/ GROUTED CMU OR
CONCRETE. SEE NOTE 2.
SEE ANCHOR TABLE 1.



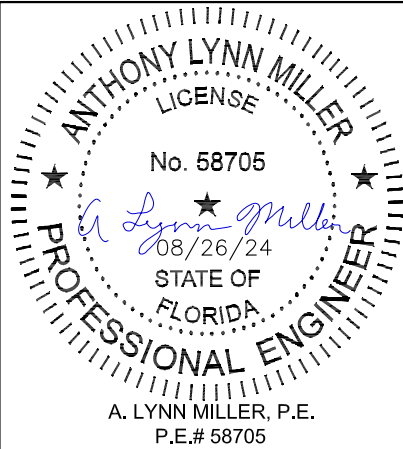
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
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Phoenix, AZ 85034
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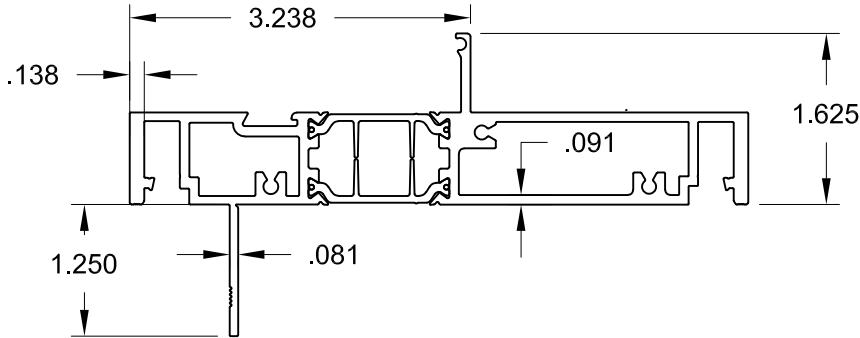
PW7630 THERMALLY-BROKEN ALUMINUM
FIXED WINDOW
CROSS-SECTION VIEW, 2-PANEL
S. BERKOWITZ
12/19/23

Series	Desc.	Sheet	DWG	No.	PW7630FPA-LMI
PW7630	CROSS-SECTION VIEW, 2-PANEL	5 OF 6			

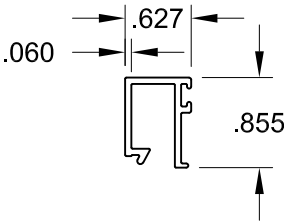


Rev.	Date	Rev.
Rev. #	8/26/24	Rev. #
NO CHANGES, THIS SHEET. SB		

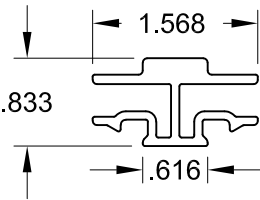
ITEM #	PART #	DESCRIPTION
1	EX7647	7630 FRAME INTEGRAL FIN -ALUMINUM WITH STRUTS
2	E8006	GLASS STOP, 1.3" OA IG-ALUMINUM
3	W6793	GLAS STOP BULB SEAL, .25" X .187"
4	W7600	GLAZING LEG 3 mm CHORD STOCK
5	E6666B	MULLION CLIP-ALUMINUM
6	F5011	FRAME ASSEMBLY SCREW, #8 X 1-1/4" OVAL PHILLIPS DRILL POINT STAINLESS
7		IG SPACER (MATERIAL TYPE VARIES)



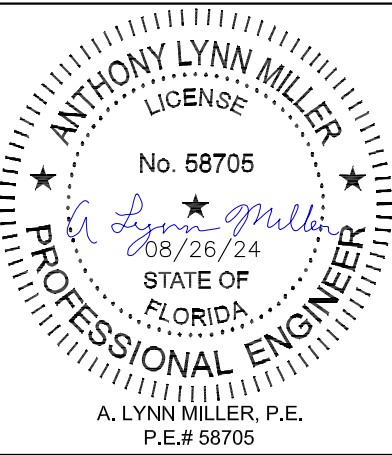
① FIN FRAME (HEAD/SILL/JAMB)



② GLASS STOP



⑤ MULLION CLIP



		2200 E. Riverview Drive Phoenix, AZ 85034 Tel (877) 268-1300		PW7630 THERMALLY-BROKEN ALUMINUM FIXED WINDOW		12/19/23	
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PW7630		6 OF 6		DWG No.		S. BERKOWITZ	
Series		Desc.		Title		By	
PW7630		6 OF 6		DWG No.		Drawn	
BILL OF MATERIAL & EXTRUSIONS		PW7630FPA-LMI					

Rev.	NO CHANGES, THIS SHEET. SB	Date	8/26/24	Rev.#	A
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