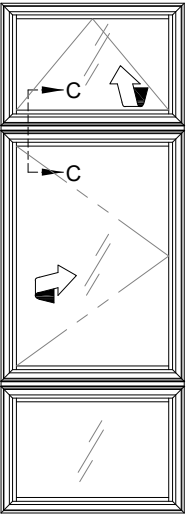


PW7630 THERMALLY-BROKEN IMPACT RESISTANT ALUMINUM FIXED WINDOW

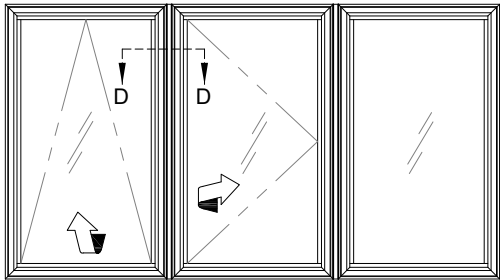
- 1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, **NOT** INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.
- 3) ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND SECURED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER, (EOR) OR ARCHITECT OF RECORD, (AOR).
- 4) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE EMBEDMENT. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- 5) MAX. 1/4" SHIMS ARE REQUIRED AT MAX. 18" O.C. WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS.
- 6) DESIGN PRESSURES:
A. NEGATIVE DESIGN LOADS BASED ON STRUCTURAL/CYCLE TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL/ CYCLE TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.
C. DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
- 7) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS 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.

FIGURE 1:

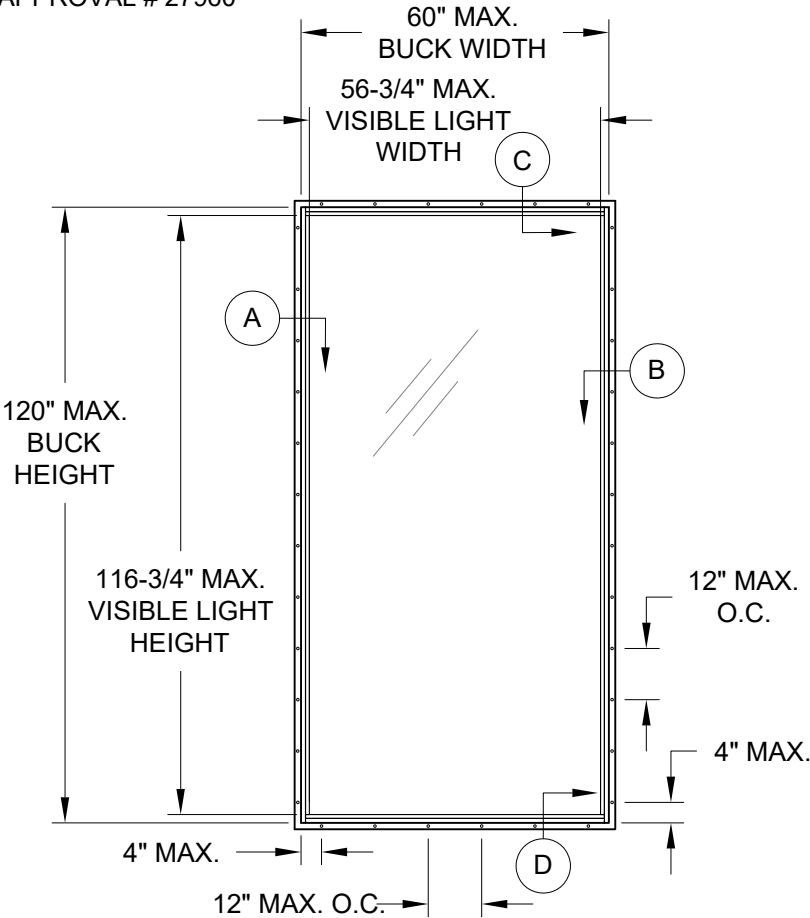


EXAMPLES OF MULLED UNITS:

FIGURE 2:



FLORIDA PRODUCT APPROVAL # 27960



TYPICAL INTEGRAL FIN FRAME

TABLE 1:

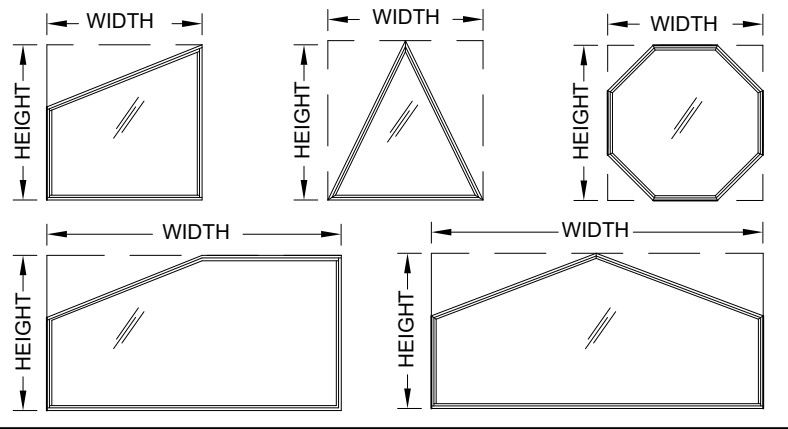
Anchor	Substrate	Min. Edge Distance	Min. Embedment
#10 or #12 SMS Carbon Steel or 18-8, 316, 410 SS	Southern Pine (SG = .55)	1/2"	1-7/16"
	6063-T5 Al	3/8"	0.078"
	A36 Steel	5/16"	0.05"
	A653 Steel Stud Gr. 33	5/16"	0.035" (20 ga)

- 1) ANCHORS MUST BE OF SUFFICIENT LENGTH SO THAT A MINIMUM OF 3 THREADS EXTEND BEYOND METAL SUBSTRATE.
- 2) 18-8 FASTENERS SHALL BE MANUFACTURED FROM TYPE 304 OR 305 STAINLESS STEEL PER ASTM A240.
- 3) IF COMBINING ANCHOR TYPES FROM DIFFERENT ANCHOR GROUPS ON THE SAME UNIT, THE GREATER ANCHOR QUANTITY FROM EITHER GROUP SHALL BE USED FOR THE ENTIRE UNIT.

MULLION NOTES:

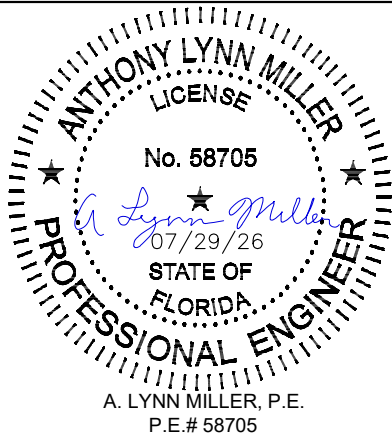
- 1) WINDOWS SHOWN IN FIGURES 1 & 2 MAY BE ANY COMBINATION OF THE 7660 AWNING, 7670 CASEMENT, 7630 PICTURE OR 7675 FIXED CASEMENT WINDOW.
- 2) SEE THE SPECIFIC APPROVAL FOR EACH WINDOW TYPE FOR INSTALLATION INSTRUCTIONS.
- 3) THE OVERALL DESIGN PRESSURE OF THE MULLED ASSEMBLY IS THE LOWEST OF ANY INDIVIDUAL WINDOW.
- 4) SEE SHEET 2 FOR C-C & D-D CROSS SECTIONS.

ALL ARCHITECTURAL WINDOW SHAPES QUALIFIED. COMMON EXAMPLES SHOWN. INSCRIBE THE SHAPE IN A BLOCK (SEE EXAMPLES BELOW).



DESIGN PRESSURE RATING
+60.0 / -60.0 PSF
WATER TEST PRESSURE
15% OF (+) DP
IMPACT RATING
LARGE AND SMALL MISSILE IMPACT RESISTANT MISSILE LEVEL D, WIND ZONE 3

PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2026 WWS ACQUISITION HOLDCO, LLC. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	2200 E RIVERVIEW DR PHOENIX, AZ 85034 (877) 268-1300	07/28/26	LOGAN YODER	PW7630-LM
			Date		
			By		
			DWG No.		
WESTERN ARCHITECTURAL OPENINGS	THERMALLY BROKEN FIXED WINDOW (LM)	ELEVATION & GENERAL NOTES	1 OF 4	PW7630	Sheet

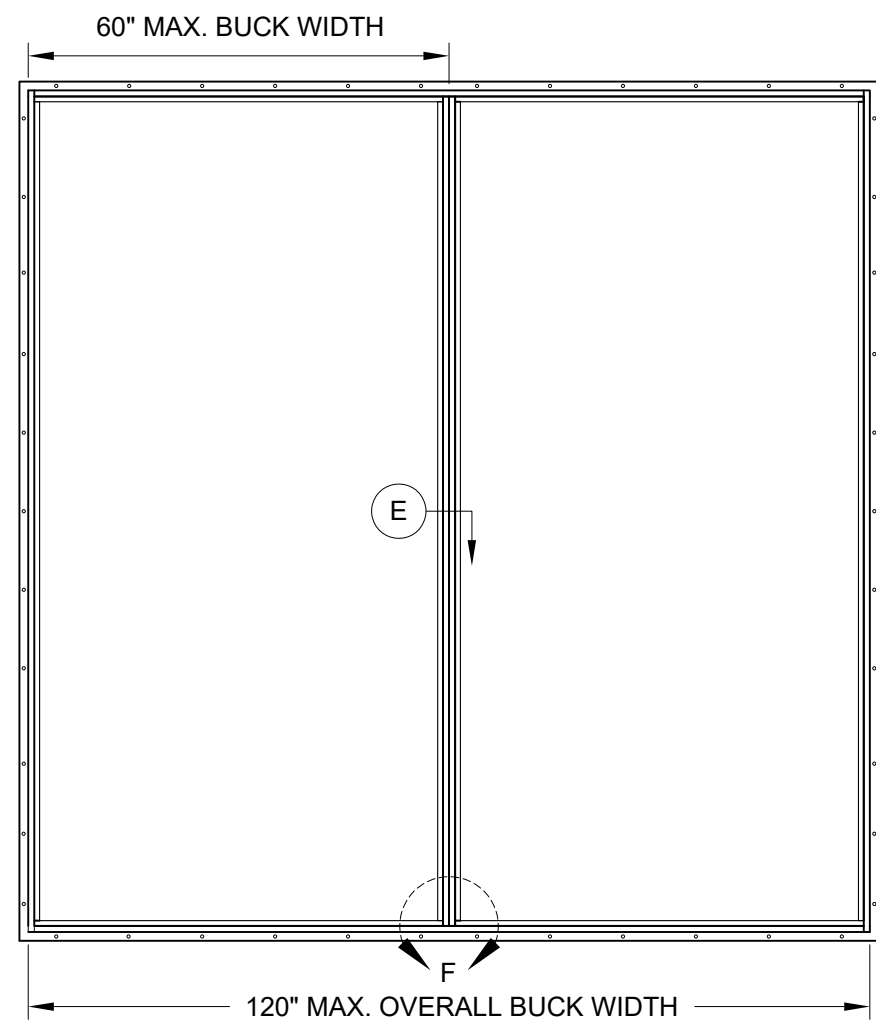


VISIBLE LIGHT FORMULAS
WIDTH: BUCK WIDTH - 3-1/4"
HEIGHT: BUCK HEIGHT - 3-1/4"

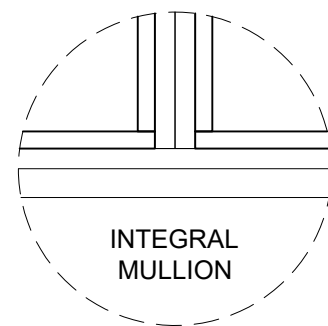
WHERE THE PRODUCT WILL BE INSTALLED WITHIN 3,000 FEET OF A SALTWATER COASTLINE, IT MUST COMPLY WITH SECTION 1711 OF THE FBC, BUILDING OR R332 OF THE FBC, RESIDENTIAL.

GENERAL NOTES.....	1
ELEVATION.....	1
MULLION CONFIGURATIONS.....	2
CROSS SECTION DETAILS.....	3
BILL OF MATERIALS.....	4
EXTRUSIONS.....	4
GLAZING DETAIL.....	4

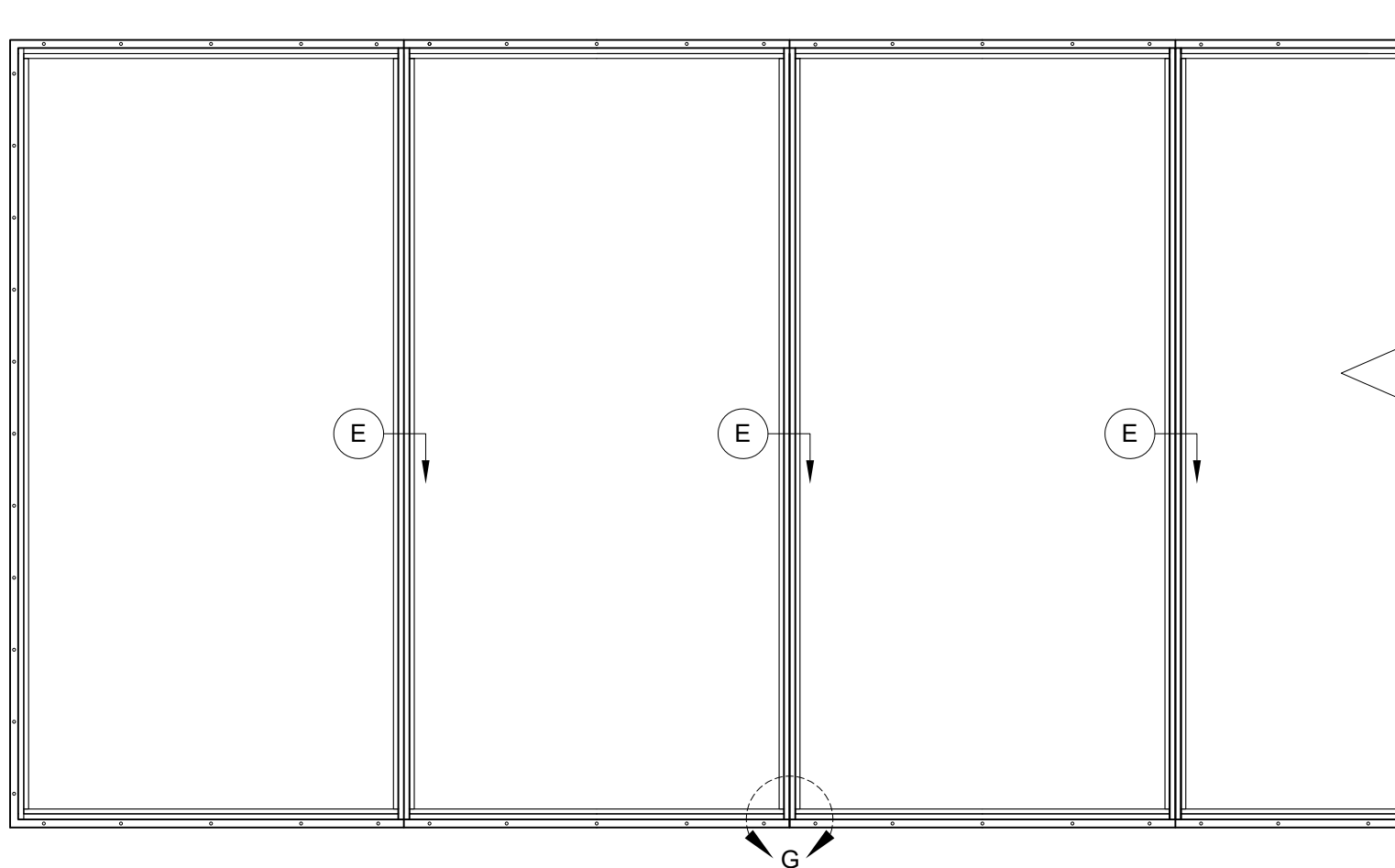
MULLION CONFIGURATIONS



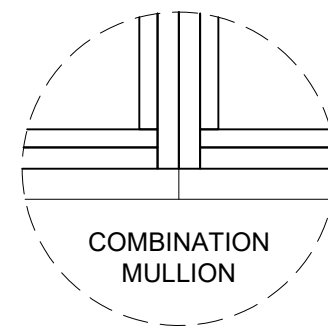
TYP. INTEGRAL FIN FRAME
DOUBLE PANEL WINDOW WITH INTEGRAL MULLION



DETAIL F



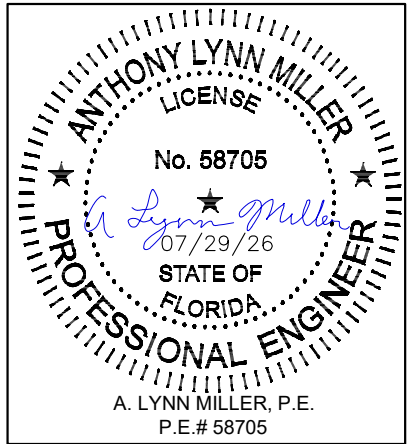
TYP. INTEGRAL FIN FRAME
MULTI-PANEL WINDOW WITH COMBINATION MULLIONS
(UNLIMITED NUMBER OF PANELS ALLOWED)



DETAIL G

NOTE:
WINDOW ASSEMBLIES SHOWN
MAY BE ROTATED 90 DEGREES.

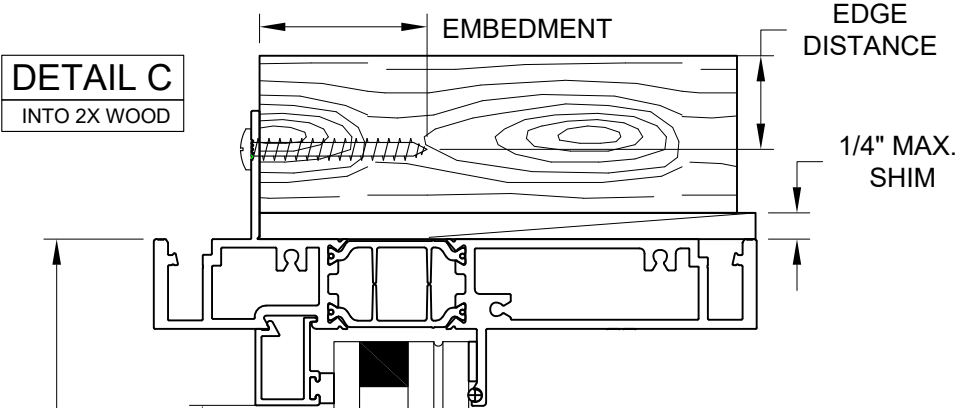
 WESTERN ARCHITECTURAL OPENINGS	PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		
	2200 E RIVERVIEW DR PHOENIX, AZ 85034 (877) 268-1300	REGISTRATION #29296 COPYRIGHT © 2026 WWS ACQUISITION HOLDCO, LLC. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	
	THERMALLY BROKEN FIXED WINDOW (LM)		
	07/28/26		
MULLION CONFIGURATIONS		By Logan Yoder	DWG No.
PW7630		2 OF 4	PW7630-LM



Rev. #	Date	Rev.

INSTALLATION DETAILS INTEGRAL FIN FRAMES

DETAIL C
INTO 2X WOOD



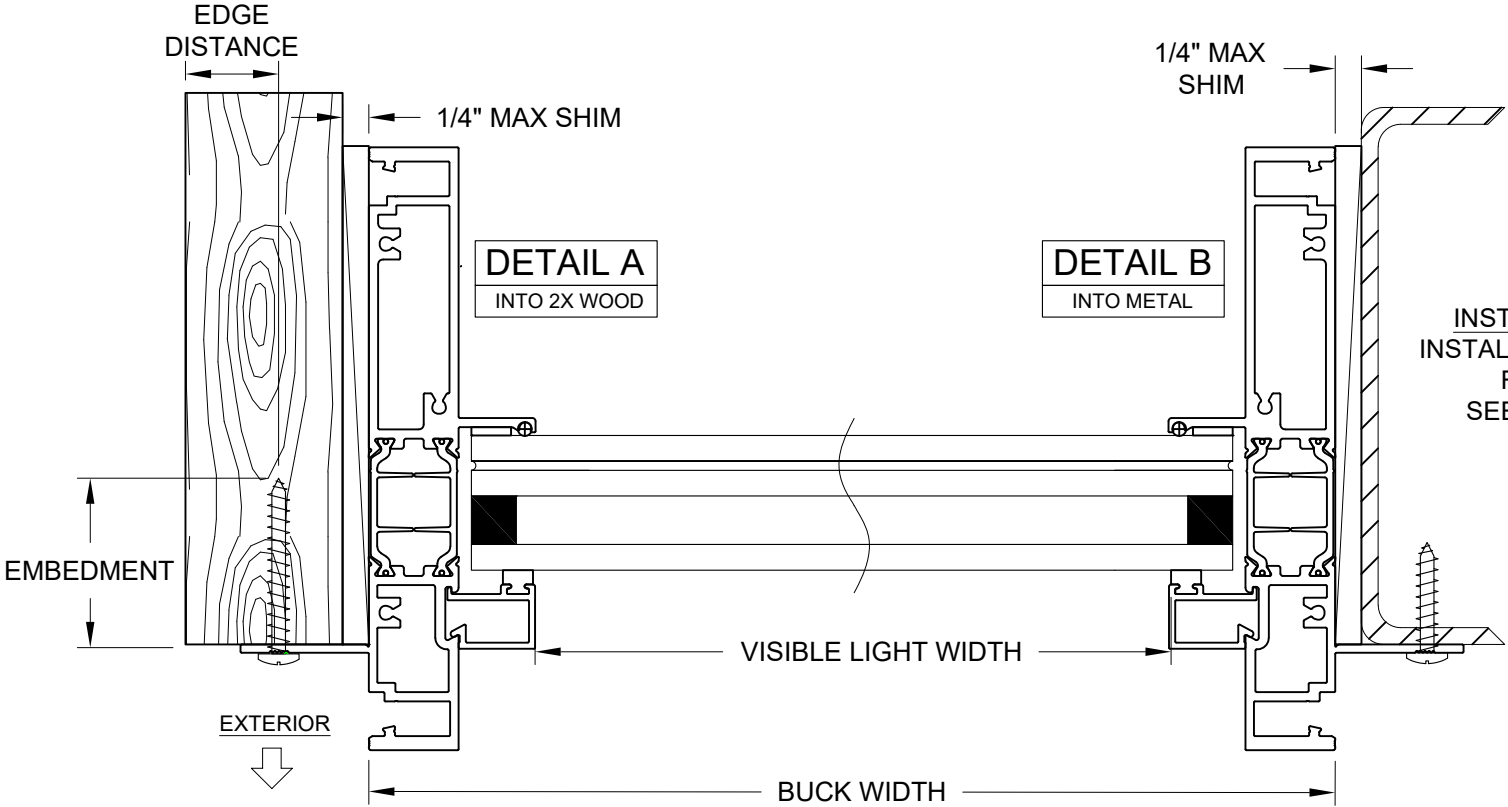
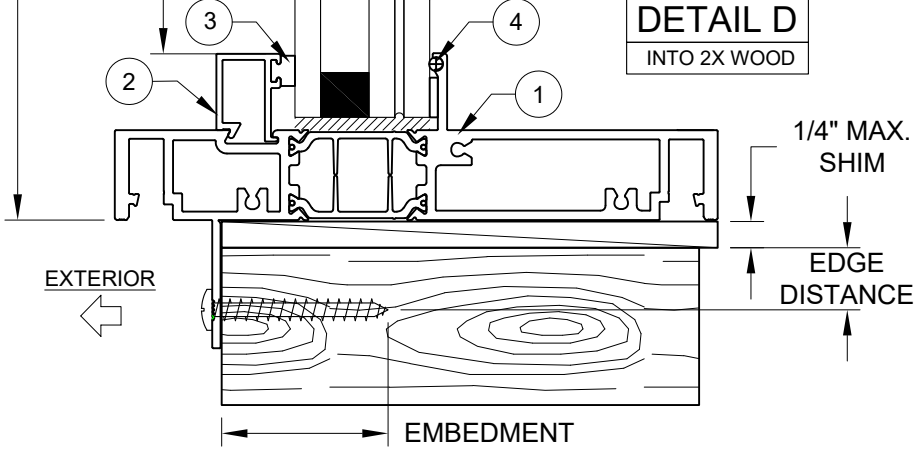
INSTALLATION OPTION 1
ANCHORED THROUGH
INTEGRAL FIN INTO 2X WOOD
FRAME OR BUCKSTRIP.
SEE ANCHOR TABLE 1.

BUCK
HEIGHT

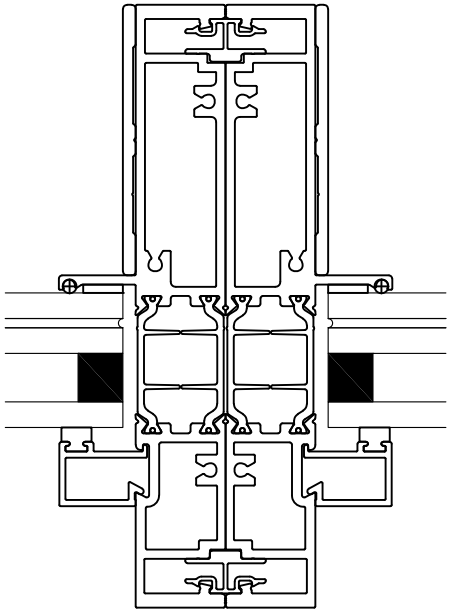
VISIBLE
LIGHT
HEIGHT

NOTE:
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.

DETAIL D
INTO 2X WOOD



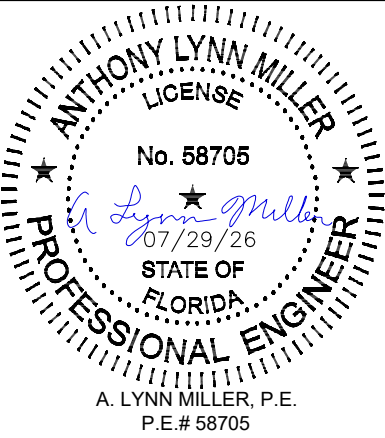
INSTALLATION OPTION 2
INSTALLATION THROUGH THE
FIN, INTO METAL.
SEE ANCHOR TABLE 1.



DETAIL E
MULLION

- MULLION NOTES:
- 1) ANCHORS THROUGH MULLIONS ARE NOT REQUIRED. REMOVE FIN IN-FIELD.
 - 2) FOR CLARITY, HARDWARE NOT SHOWN.
 - 3) SEE EACH PRODUCT'S APPROVAL FOR DP AND INSTALLATION DETAILS.

WESTERN ARCHITECTURAL OPENINGS	PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296 COPYRIGHT © 2026 WWS ACQUISITION HOLDCO, LLC. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.		07/28/26	
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	CROSS SECTION DETAILS		PW7630		PW7630-LM	
	3 OF 4		Sheet		Date	



ITEM #	PART #	DESCRIPTION	Material
1	EX7647	Frame Head, Jamb, Sill	6063-T6, Ensinger Insulbar
2	E8006	7630 1.3" OA Glass Stop	6063-T6 Aluminum
3	W6793	Glass Stop Bulb Seal, .25" X .187"	EPDM
4	W7600	Glazing Leg 3mm Chord Stock	EPDM
5	E6666B	Mullion Clip	6063-T6 Aluminum
6	F5011	Frame Install Fastener-8A X 1-1/4" PHL SMS Stainless	Stainless Steel
7		IG Spacer	Varies

