

SERIES PW7620A
NON-IMPACT RESISTANT, ALUMINUM FIXED WINDOW

- 1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2) SHUTTERS ARE 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 EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS. FOR INTEGRAL FIN FRAMES INSTALL SHIMS AT MAX. 18" O.C.
- 6) DESIGN PRESSURES:
A. NEGATIVE DESIGN LOADS BASED ON STRUCTURAL TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL 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.
- 8) FRAME FLANGES OR INTEGRAL FINNS MAY BE TRIMMED IN-FIELD TO CREATE AN EQUAL-LEG FRAME. THE EXPOSED ALUMINUM EDGE MUST BE PAINTED TO PROTECT AGAINST CORROSION.

TABLE 1:

Type #	Description	Sheet #
1	3/16" AN	2
2	3/16" TP	3
3	1/4" TP	4
4	13/16" IG (3/16" AN - 7/16" Air - 3/16" AN)	2
5	13/16" IG (3/16" TP - 7/16" Air - 3/16" TP)	5
6	1-1/16" IG (1/4" TP - 9/16" Air - 1/4" TP)	5

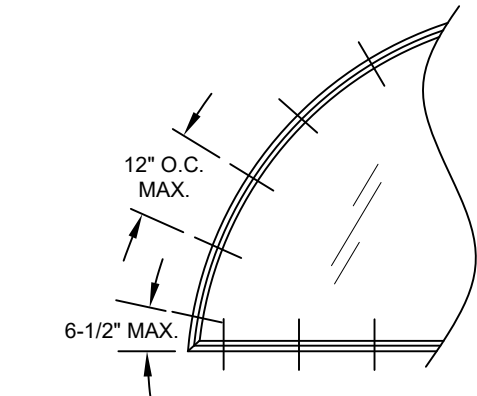
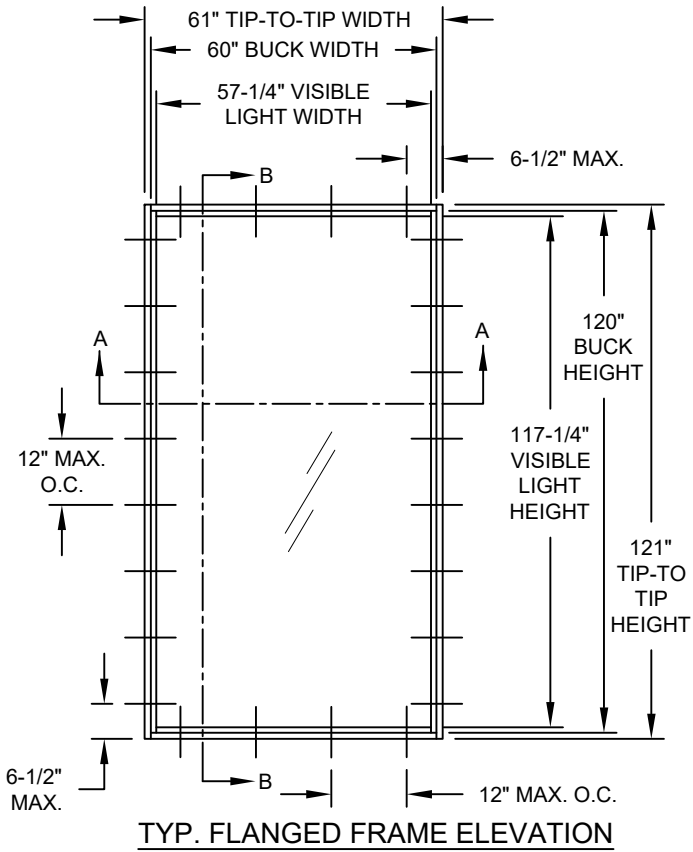
AN = ANNEALED
TP = TEMPERED

GENERAL NOTES.....	1
ELEVATIONS.....	1
DESIGN PRESSURES/GLZ DETAILS.....	2-5
INSTALLATION, FLANGE/EQUEL-LEG.....	6
INSTALLATION, INTEGRAL FIN.....	7
CORNER ASSEMBLY.....	8
EXTRUSION PROFILES/BOM.....	8

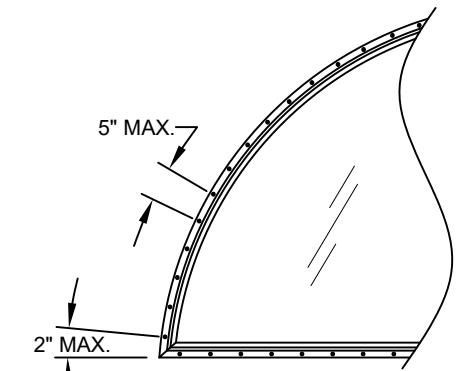
VISIBLE LIGHT FORMULAS

WIDTH: BUCK WIDTH - 2-3/4"
HEIGHT: BUCK HEIGHT - 2-3/4"

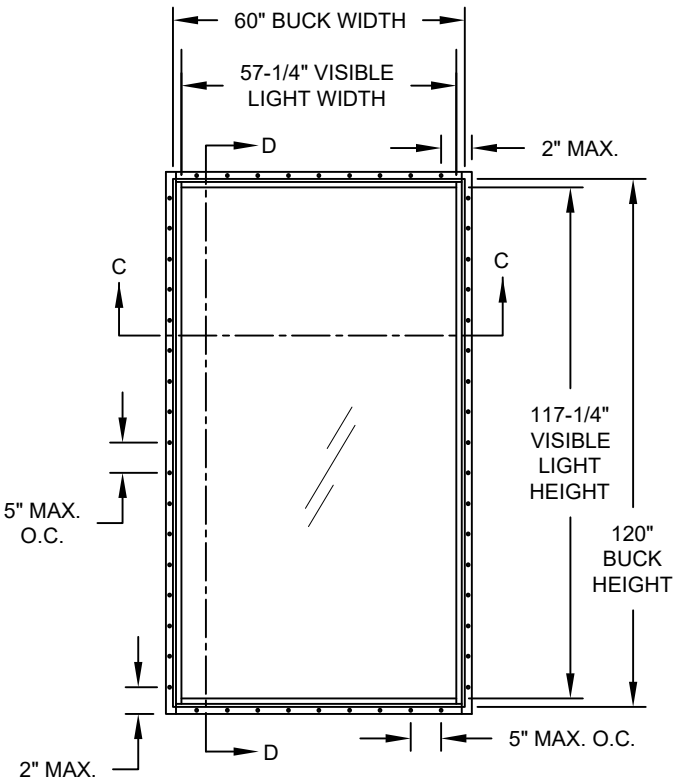
WHERE THE PRODUCT WILL BE INSTALLED WITHIN 3,000 FEET OF A SALTWATER COASTLINE, IT MUST COMPLY WITH SECTION 1711 OF THE FBC, BUILDING OR R332 OF THE FBC, RESIDENTIAL.



TYP. CURVED FLANGED FRAME ELEVATION

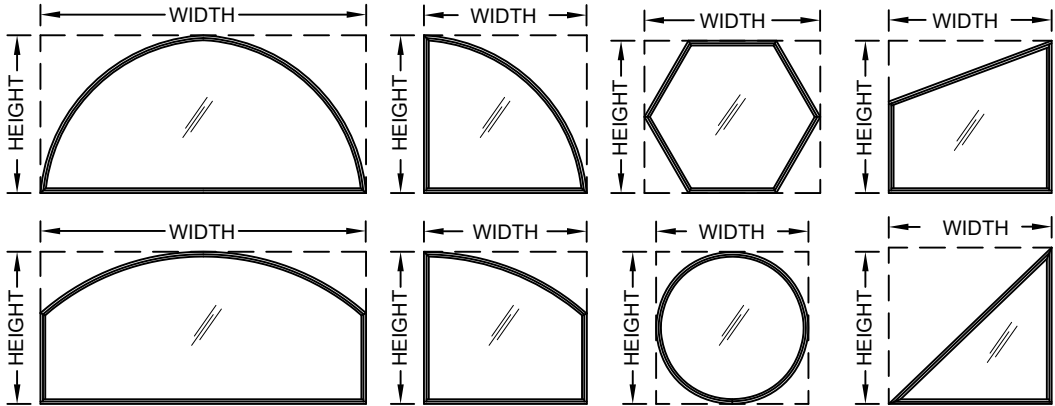


TYP. CURVED FIN FRAME ELEVATION



TYP. FIN FRAME ELEVATION

SHAPES AS SHOWN OR SIMILAR, MAY BE USED BY INSCRIBING THE SHAPE IN A BLOCK AND OBTAINING DESIGN PRESSURES FOR THAT BLOCK SIZE FROM THE TABLES ON THE ENCLOSED SHEETS.



DESIGN PRESSURE RATING VARIES, SEE TABLES 2-6
WATER TEST PRESSURE 15% OF (+) DP
IMPACT RATING NOT RATED FOR IMPACT RESISTANCE

PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	REGISTRATION #29296	ALUMINUM FIXED WINDOW	GENERAL NOTES & ELEVATION	JENS ROSOWSKI	PW7620-NI-HVHZ
PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUMINUM FIXED WINDOW	GENERAL NOTES & ELEVATION	JENS ROSOWSKI	PW7620A	1 OF 8
ANTHONY LYNN MILLER LICENSE No. 58705 09/09/26 STATE OF FLORIDA PROFESSIONAL ENGINEER A. LYNN MILLER, P.E. P.E.# 58705	ALUMINUM FIXED WINDOW	GENERAL NOTES & ELEVATION	JENS ROSOWSKI	PW7620A	1 OF 8

TABLE 2:

		Window Design Pressure (+/-, psf) for Glass Type 1											
		Long Side, Tip to Tip (in)											
		54-11/16	57	61	65	69	73	77	81	85	89	93	97
Short Side, Tip to Tip (in)	31	+/-58.4	+/-55.5	+/-51	+/-47.6	+/-44.4	+/-41.7	+/-40.1	+/-38.8	+/-37.6	+/-36.4	+/-35.5	+/-34.6
	33	+/-56.9	+/-53.8	+/-49.6	+/-45.9	+/-42.1	+/-39.8	+/-37.8	+/-36	+/-34.4	+/-32.9		
	35	+/-56	+/-52.7	+/-48.9	+/-44.9	+/-41.2	+/-38.8	+/-36.4	+/-34.2	+/-32			
	37	+/-55.2	+/-52.2	+/-48.3	+/-44.5	+/-40.9	+/-38.3	+/-35.8	+/-33.1				
	39	+/-54.1	+/-51.6	+/-47.9	+/-44.1	+/-40.7	+/-38.1						
	41	+/-53	+/-50.8	+/-47.4	+/-43.6	+/-40.5	+/-38						
	43	+/-52	+/-49.9	+/-46.7	+/-43.3	+/-40.2							
	45	+/-51	+/-49.1	+/-45.7	+/-42.6								
	47	+/-49.5	+/-47.9	+/-44.7									
	49	+/-48.1	+/-46.5	+/-43.7									
	51	+/-46.8	+/-45										
	53	+/-45.5											
	54-11/16	+/-44.3											

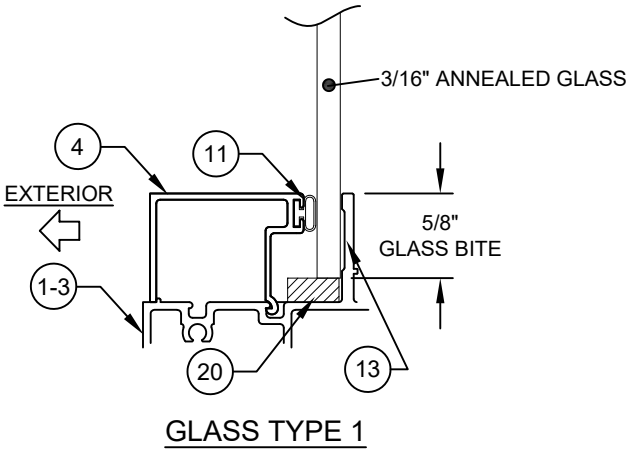
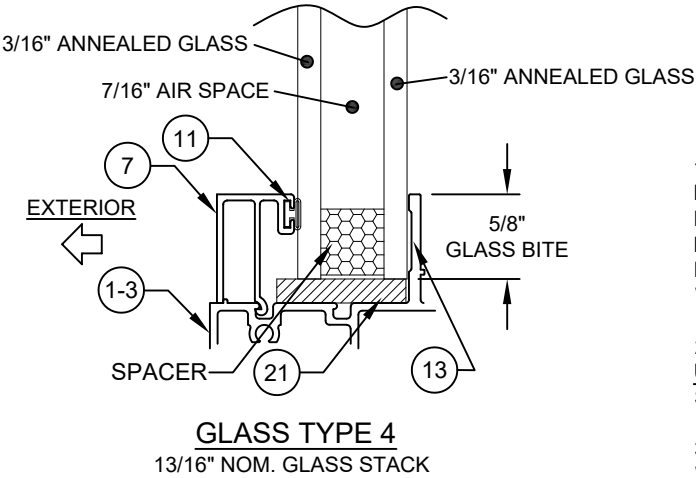
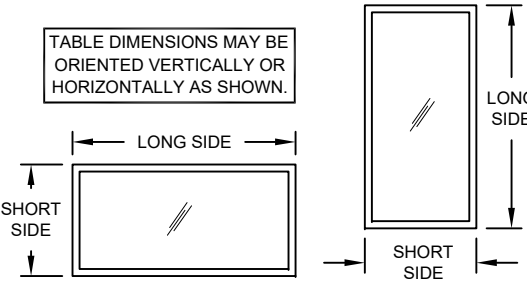


TABLE 3:

		Window Design Pressure (+/-, psf) for Glass Type 4									
		Long Side, Tip to Tip (in)									
		68-7/8	73	77	81	85	89	93	97	98-1/2	
Short Side, Tip to Tip (in)	31	+/-78.9	+/-75.1	+/-72.2	+/-69.8	+/-67.6	+/-65.6	+/-63.9	+/-62.3	+/-61.8	
	33	+/-75.4	+/-71.6	+/-68	+/-64.8	+/-61.9	+/-59.3	+/-57.2	+/-55.5	+/-55	
	35	+/-72.3	+/-69.9	+/-65.5	+/-61.5	+/-57.6	+/-55	+/-53	+/-51.3	+/-50.6	
	37	+/-69.7	+/-68.3	+/-64.4	+/-59.5	+/-55.5	+/-52.8	+/-50.3	+/-47.9	+/-47.2	
	39	+/-67.4	+/-65.9	+/-63.8	+/-58.9	+/-54.8	+/-51.8	+/-48.5	+/-46.1	+/-45.5	
	41	+/-65.3	+/-63.8	+/-62.5	+/-58.7	+/-54.6	+/-51.3	+/-48.1	+/-45.4	+/-44.6	
	43	+/-63.5	+/-62	+/-60.6	+/-58.6	+/-54.6	+/-51.3	+/-47.8	+/-45.3	+/-44.5	
	45	+/-62	+/-60.3	+/-59	+/-57.8	+/-54.6	+/-51.4	+/-48.1	+/-45.3	+/-44.5	
	47	+/-60.6	+/-58.9	+/-57.5	+/-56.2	+/-54.6	+/-51.5	+/-48.2	+/-45.5	+/-44.6	
	49	+/-59.4	+/-57.6	+/-56.1	+/-54.9	+/-53.8	+/-51.4	+/-48.2			
	51	+/-58.4	+/-56.5	+/-54.9	+/-53.6	+/-52.5	+/-51.4	+/-48.2			
	53	+/-57.5	+/-55.5	+/-53.9	+/-52.5	+/-51.3	+/-50.3				
	55	+/-56.7	+/-54.6	+/-52.9	+/-51.5	+/-50.3					
	57	+/-56	+/-53.9	+/-52.1	+/-50.6						
	59	+/-55.5	+/-53.2	+/-51.4							
	61	+/-55	+/-52.7	+/-50.8							
	63	+/-54.7	+/-52.2								
	65	+/-54.5									
	67	+/-54.3									
	68-7/8	+/-53.2									



- 1) TIP-TO-TIP DIMENSIONS SHOWN. FOR INTEGRAL FIN AND EQUAL LEG WINDOWS, SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE WINDOW SIZE.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.
- 3) FOR ARCHITECTURAL WINDOWS, FIND THE SMALLEST WINDOW SIZE IN THE TABLE ABOVE WHICH THE OVERALL DIMENSIONS COMPLETELY FIT WITHIN.



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PGT® **WINDOWS and DOORS**
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REGISTRATION #29296

09/09/26

ALUMINUM FIXED WINDOW

DESIGN PRESSURE TABLES A

By JENS ROSOWSKI

DWG No. PW7620A

2 OF 8

Sheet

Series Desc. Title

Rev.

Date

Rev.

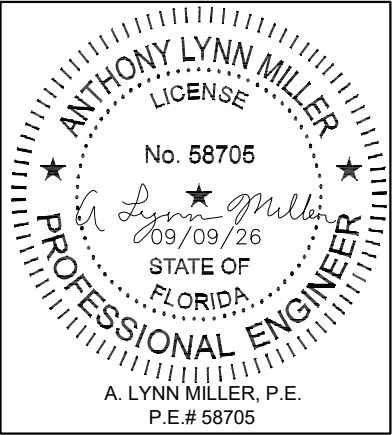
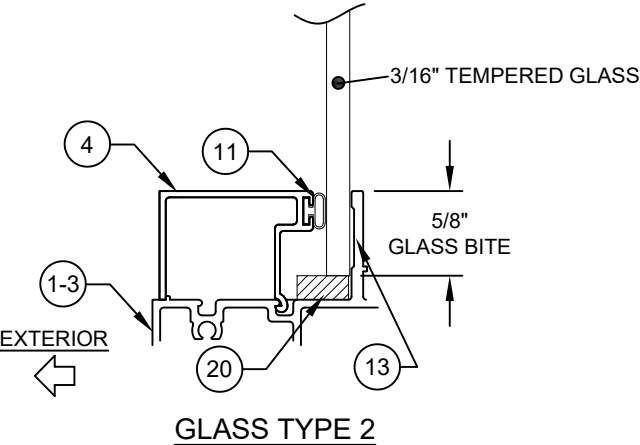
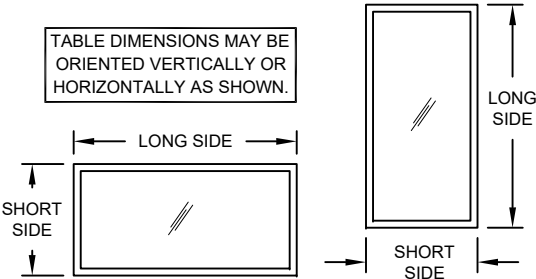


TABLE 4:

		Window Design Pressure (+/-, psf) for Glass Type 2															
		Long Side, Tip To Tip (in)															
		85-7/8	89	93	97	101	105	109	113	117	121	125	129	133	137	141	145
Short Side, Buck (in)	31	+100/-145.8	+100/-144.7	+100/-141.9	+100/-138.4	+100/-135.4	+100/-132.8	+100/-130.5	+100/-128.6	+100/-126.8	+100/-125.4	+100/-124	+100/-122.6	+100/-121.5	+100/-120.5	+100/-119.6	+100/-118.8
	33	+100/-136.3	+100/-131.7	+100/-127.1	+100/-123.4	+100/-120.3	+100/-117.9	+100/-115.8	+100/-113.8	+100/-112	+100/-110.4	+100/-108.9	+100/-107.6	+100/-106.5	+100/-105.6	+100/-104.5	+100/-103.7
	35	+100/-126.7	+100/-122.3	+100/-117.7	+100/-113.9	+100/-110.1	+100/-106.8	+100/-104.3	+100/-102.2	+100/-100.4	+/-99	+/-97.4	+/-96.2	+/-95	+/-93.9	+/-93	+/-92.1
	37	+100/-122	+100/-117.3	+100/-111.8	+100/-106.4	+100/-102.6	+/-99.7	+/-96.9	+/-94.4	+/-92.2	+/-90.1	+/-88	+/-86.6	+/-85.2	+/-84	+/-83	+/-82
	39	+100/-120.2	+100/-115.1	+100/-107.8	+100/-102.5	+/-98.4	+/-94.5	+/-91.2	+/-87.9	+/-85.2	+/-83	+/-81.4	+/-79.8	+/-78.4	+/-77.2	+/-76.2	+/-75.1
	41	+100/-117.8	+100/-113.9	+100/-106.8	+100/-100.8	+/-96.1	+/-91.6	+/-86.9	+/-83.4	+/-81.1	+/-78.9	+/-76.9	+/-75	+/-73.4	+/-71.8	+/-70.3	+/-68.8
	43	+100/-113.9	+100/-112.6	+100/-106.2	+100/-100.6	+/-95.3	+/-89.9	+/-85	+/-81.4	+/-78.7	+/-76.1	+/-73.5	+/-71.2	+/-69	+/-67	+/-65.2	+/-63.5
	45	+100/-110.5	+100/-109.1	+100/-106.8	+100/-100.7	+/-95.4	+/-89.9	+/-84.1	+/-80.8	+/-77.6	+/-74.4	+/-71.6	+/-68.5	+/-65.9	+/-63.4	+/-61.8	+/-60.8
	47	+100/-107.4	+100/-106	+100/-104.3	+100/-101.1	+/-95.7	+/-90.3	+/-84.6	+/-80.6	+/-77.4	+/-74	+/-70.3	+/-67.2	+/-63.9	+/-61.7	+/-60.4	+/-59
	49	+100/-104.6	+100/-103.1	+100/-101.5	+/-100	+/-96.3	+/-90.8	+/-85.2	+/-81.1	+/-77.5	+/-74	+/-70.6	+/-66.6	+/-63	+/-61.4	+/-59.6	+/-58
	51	+100/-102.1	+100/-100.6	+/-98.9	+/-97.4	+/-96	+/-91.4	+/-85.8	+/-81.6	+/-78.2	+/-74.6	+/-70.9	+/-67.3	+/-63.2	+/-61	+/-59.4	+/-57.8
	53	+/-99.8	+/-98.3	+/-96.5	+/-94.9	+/-93.6	+/-92	+/-86.6	+/-82	+/-78.6	+/-75.3	+/-71.6	+/-67.8	+/-64	+/-61.4		
	55	+/-97.8	+/-96.2	+/-94.4	+/-92.8	+/-91.3	+/-90	+/-87.2	+/-82.4	+/-78.8	+/-75.8	+/-72.2	+/-68.6	+/-64.8			
	57	+/-95.9	+/-94.3	+/-92.4	+/-90.8	+/-89.3	+/-88	+/-86.8	+/-82.7	+/-79.2	+/-76	+/-72.8	+/-69.4				
	59	+/-94.3	+/-92.6	+/-90.6	+/-88.9	+/-87.4	+/-86.1	+/-84.9	+/-82.3	+/-79.3	+/-76	+/-72.8					
	61	+/-92.8	+/-91	+/-89	+/-87.3	+/-85.7	+/-84.3	+/-83.1	+/-81.4	+/-78.7	+/-76						
	63	+/-91.5	+/-89.6	+/-87.6	+/-85.8	+/-84.2	+/-82.7	+/-81.4	+/-80.3	+/-77.5							
	65	+/-90.3	+/-88.4	+/-86.3	+/-84.4	+/-82.7	+/-81.3	+/-79.9	+/-78.8								
	67	+/-89.3	+/-87.3	+/-85.1	+/-83.1	+/-81.4	+/-79.9	+/-78.5									
	69	+/-88.3	+/-86.3	+/-84	+/-82	+/-80.2	+/-78.7										
	71	+/-87.5	+/-85.4	+/-83	+/-80.9	+/-79.1											
	73	+/-86.8	+/-84.6	+/-82.1	+/-80	+/-78.1											
	75	+/-86.3	+/-83.9	+/-81.4	+/-79.2												
	77	+/-85.8	+/-83.4	+/-80.7													
	79	+/-85	+/-82.4	+/-79.6													
	81	+/-82.9	+/-80.8														
	83	+/-81.3															
	85-7/8	+/-79.4															

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PGT[®] WINDOWS and DOORS

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REGISTRATION #29296

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ALUMINUM FIXED WINDOW

DESIGN PRESSURE TABLES B

PW7620A

09/09/26

JENS ROSOWSKI

3 OF 8

PW7620-NI-HVHZ

ANTHONY LYNN MILLER

LICENSE

No. 58705

09/09/26

STATE OF FLORIDA

PROFESSIONAL ENGINEER

A. LYNN MILLER, P.E.
P.E.# 58705

Rev.#	
Date	
Rev.	

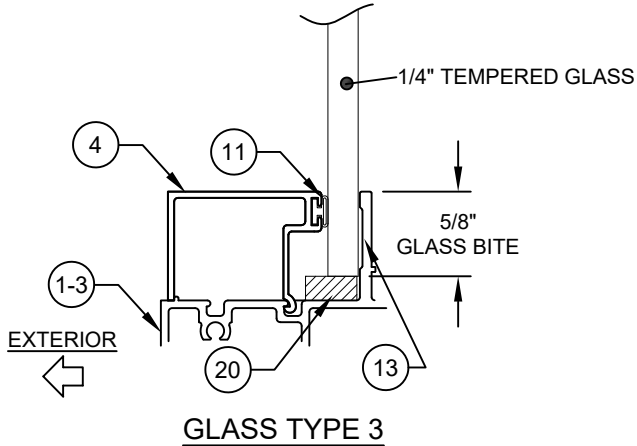
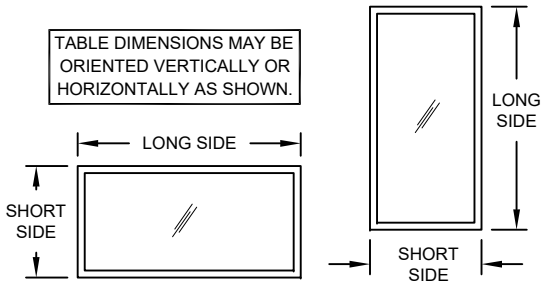
TABLE 5:

		Window Design Pressure (+/-, psf) for Glass Type 3															
		Long Side, Tip To Tip (in)															
		85-7/8	89	93	97	101	105	109	113	117	121	125	129	133	137	141	145
Short Side, Buck (in)	31	+100/-145.8	+100/-144.7	+100/-143.4	+100/-142.2	+100/-141.2	+100/-140.2	+100/-139.4	+100/-138.6	+100/-137.8	+100/-137.1	+100/-136.5	+100/-135.9	+100/-135.4	+100/-134.9	+100/-134.4	+100/-134
	33	+100/-138.6	+100/-137.5	+100/-136.2	+100/-135	+100/-133.9	+100/-133	+100/-132.1	+100/-131.3	+100/-130.5	+100/-129.8	+100/-129.2	+100/-128.6	+100/-128	+100/-127.5	+100/-127	+100/-126.6
	35	+100/-132.4	+100/-131.2	+100/-129.9	+100/-128.7	+100/-127.6	+100/-126.6	+100/-125.7	+100/-124.8	+100/-124.1	+100/-123.4	+100/-122.7	+100/-122.1	+100/-121.5	+100/-121	+100/-120.5	+100/-120.1
	37	+100/-126.9	+100/-125.7	+100/-124.3	+100/-123.1	+100/-122	+100/-120.9	+100/-120	+100/-119.1	+100/-118.4	+100/-117.6	+100/-117	+100/-116.4	+100/-115.8	+100/-115.3	+100/-114.8	+100/-114.3
	39	+100/-122.1	+100/-120.8	+100/-119.4	+100/-118.1	+100/-117	+100/-115.9	+100/-115	+100/-114.1	+100/-113.3	+100/-112.6	+100/-111.9	+100/-111.3	+100/-110.7	+100/-110.1	+100/-108.8	+100/-107.6
	41	+100/-117.8	+100/-116.5	+100/-115	+100/-113.7	+100/-112.5	+100/-111.4	+100/-110.5	+100/-109.6	+100/-108.8	+100/-107.7	+100/-105.5	+100/-103.4	+100/-102	+100/-100.6	+/-99.4	+/-98.2
	43	+100/-113.9	+100/-112.6	+100/-111.1	+100/-109.7	+100/-108.5	+100/-107.4	+100/-106.4	+100/-105.5	+100/-103.5	+100/-100.9	+/-98.7	+/-96.6	+/-94.9	+/-93.2	+/-91.6	+/-90.1
	45	+100/-110.5	+100/-109.1	+100/-107.5	+100/-106.1	+100/-104.9	+100/-103.8	+100/-102.7	+100/-101.8	+/-99.2	+/-96.1	+/-93.6	+/-90.9	+/-88.7	+/-86.5	+/-84.6	+/-83.2
	47	+100/-107.4	+100/-106	+100/-104.3	+100/-102.9	+100/-101.6	+100/-100.5	+/-99.4	+/-98.5	+/-96	+/-92.5	+/-89.1	+/-86.3	+/-83.7	+/-81.8	+/-80.2	+/-78.8
	49	+100/-104.6	+100/-103.1	+100/-101.5	+/-100	+/-98.7	+/-97.5	+/-96.4	+/-95.5	+/-94	+/-89.8	+/-86.2	+/-83	+/-80.8	+/-79	+/-77.1	+/-75.3
	51	+100/-102.1	+100/-100.6	+/-98.9	+/-97.4	+/-96	+/-94.8	+/-93.7	+/-92.7	+/-91.8	+/-88.7	+/-84	+/-81.6	+/-79.1	+/-76.7	+/-74.7	+/-72.5
	53	+/-99.8	+/-98.3	+/-96.5	+/-94.9	+/-93.6	+/-92.3	+/-91.2	+/-90.2	+/-89.2	+/-88.4	+/-83.8	+/-80.6	+/-78.2	+/-75.6		
	55	+/-97.8	+/-96.2	+/-94.4	+/-92.8	+/-91.3	+/-90	+/-88.9	+/-87.8	+/-86.9	+/-86	+/-84.1	+/-80.8	+/-77.6			
	57	+/-95.9	+/-94.3	+/-92.4	+/-90.8	+/-89.3	+/-88	+/-86.8	+/-85.7	+/-84.7	+/-83.9	+/-83	+/-81.2				
	59	+/-94.3	+/-92.6	+/-90.6	+/-88.9	+/-87.4	+/-86.1	+/-84.9	+/-83.8	+/-82.8	+/-81.8	+/-81					
	61	+/-92.8	+/-91	+/-89	+/-87.3	+/-85.7	+/-84.3	+/-83.1	+/-82	+/-80.9	+/-80						
	63	+/-91.5	+/-89.6	+/-87.6	+/-85.8	+/-84.2	+/-82.7	+/-81.4	+/-80.3	+/-79.2							
	65	+/-90.3	+/-88.4	+/-86.3	+/-84.4	+/-82.7	+/-81.3	+/-79.9	+/-78.8								
	67	+/-89.3	+/-87.3	+/-85.1	+/-83.1	+/-81.4	+/-79.9	+/-78.5									
	69	+/-88.3	+/-86.3	+/-84	+/-82	+/-80.2	+/-78.7										
	71	+/-87.5	+/-85.4	+/-83	+/-80.9	+/-79.1											
	73	+/-86.8	+/-84.6	+/-82.1	+/-80	+/-78.1											
	75	+/-86.3	+/-83.9	+/-81.4	+/-79.2												
	77	+/-85.8	+/-83.4	+/-80.7													
	79	+/-85.4	+/-82.9	+/-80.1													
	81	+/-85.1	+/-82.5														
	83	+/-84.9															
	85-7/8	+/-84.9															

1) TIP-TO-TIP DIMENSIONS SHOWN. FOR INTEGRAL FIN AND EQUAL LEG WINDOWS, SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE WINDOW SIZE.

2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.

3) FOR ARCHITECTURAL WINDOWS, FIND THE SMALLEST WINDOW SIZE IN THE TABLE ABOVE WHICH THE OVERALL DIMENSIONS COMPLETELY FIT WITHIN.



PGT[®]

WINDOWS and DOORS

3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

PREPARED BY A. LYNN MILLER
3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600

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ALUMINUM FIXED WINDOW

DESIGN PRESSURE TABLES C

PW7620A

09/09/26

JENS ROSOWSKI

4 OF 8

PW7620-NI-HVHZ

ANTHONY LYNN MILLER

LICENSE

No. 58705

09/09/26

STATE OF FLORIDA

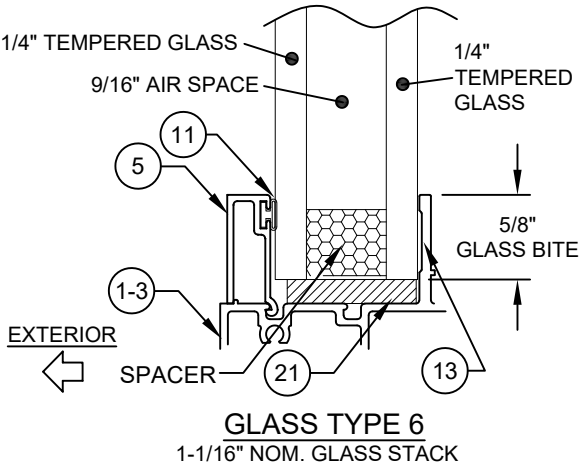
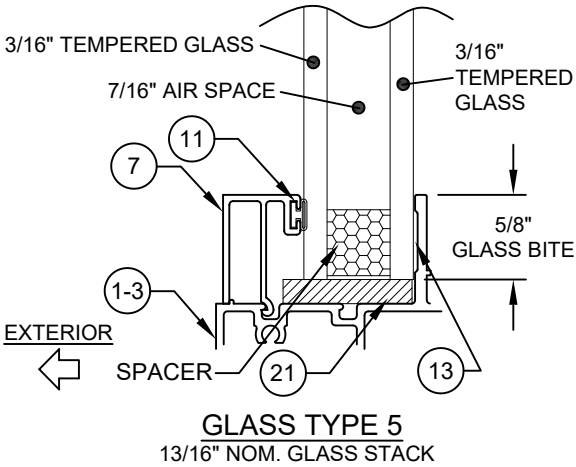
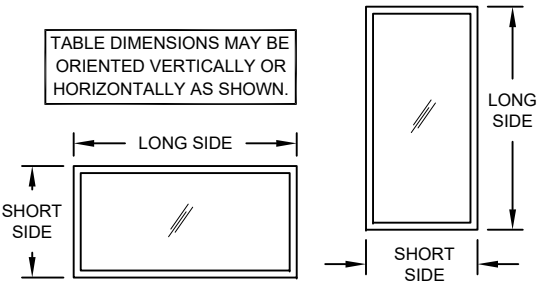
PROFESSIONAL ENGINEER

A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 6:

		Window Design Pressure (+/-, psf) for Glass Type 5 & 6															
		Long Side, Tip to Tip (in)															
		85-7/8	89	93	97	101	105	109	113	117	121	125	129	133	137	141	145
Short Side, Tip to Tip (in)	31	+100/-145.8	+100/-144.7	+100/-143.4	+100/-142.2	+100/-141.2	+100/-140.2	+100/-139.4	+100/-138.6	+100/-137.8	+100/-137.1	+100/-136.5	+100/-135.9	+100/-135.4	+100/-134.9	+100/-134.4	+100/-134
	33	+100/-138.6	+100/-137.5	+100/-136.2	+100/-135	+100/-133.9	+100/-133	+100/-132.1	+100/-131.3	+100/-130.5	+100/-129.8	+100/-129.2	+100/-128.6	+100/-128	+100/-127.5	+100/-127	+100/-126.6
	35	+100/-132.4	+100/-131.2	+100/-129.9	+100/-128.7	+100/-127.6	+100/-126.6	+100/-125.7	+100/-124.8	+100/-124.1	+100/-123.4	+100/-122.7	+100/-122.1	+100/-121.5	+100/-121	+100/-120.5	+100/-120.1
	37	+100/-126.9	+100/-125.7	+100/-124.3	+100/-123.1	+100/-122	+100/-120.9	+100/-120	+100/-119.1	+100/-118.4	+100/-117.6	+100/-117	+100/-116.4	+100/-115.8	+100/-115.3	+100/-114.8	+100/-114.3
	39	+100/-122.1	+100/-120.8	+100/-119.4	+100/-118.1	+100/-117	+100/-115.9	+100/-115	+100/-114.1	+100/-113.3	+100/-112.6	+100/-111.9	+100/-111.3	+100/-110.7	+100/-110.1	+100/-109.6	+100/-109.1
	41	+100/-117.8	+100/-116.5	+100/-115	+100/-113.7	+100/-112.5	+100/-111.4	+100/-110.5	+100/-109.6	+100/-108.8	+100/-108	+100/-107.3	+100/-106.7	+100/-106.1	+100/-105.5	+100/-105	+100/-104.5
	43	+100/-113.9	+100/-112.6	+100/-111.1	+100/-109.7	+100/-108.5	+100/-107.4	+100/-106.4	+100/-105.5	+100/-104.7	+100/-103.9	+100/-103.2	+100/-102.5	+100/-101.9	+100/-101.4	+100/-100.8	+100/-100.3
	45	+100/-110.5	+100/-109.1	+100/-107.5	+100/-106.1	+100/-104.9	+100/-103.8	+100/-102.7	+100/-101.8	+100/-101	+100/-100.2	+/-99.5	+/-98.8	+/-98.2	+/-97.6	+/-97.1	+/-96.6
	47	+100/-107.4	+100/-106	+100/-104.3	+100/-102.9	+100/-101.6	+100/-100.5	+/-99.4	+/-98.5	+/-97.6	+/-96.8	+/-96.1	+/-95.4	+/-94.8	+/-94.2	+/-93.6	+/-93.1
	49	+100/-104.6	+100/-103.1	+100/-101.5	+/-100	+/-98.7	+/-97.5	+/-96.4	+/-95.5	+/-94.6	+/-93.8	+/-93	+/-92.3	+/-91.7	+/-91.1	+/-90.5	+/-90
	51	+100/-102.1	+100/-100.6	+/-98.9	+/-97.4	+/-96	+/-94.8	+/-93.7	+/-92.7	+/-91.8	+/-90.9	+/-90.2	+/-89.5	+/-88.8	+/-88.2	+/-87.7	+/-87.1
	53	+/-99.8	+/-98.3	+/-96.5	+/-94.9	+/-93.6	+/-92.3	+/-91.2	+/-90.2	+/-89.2	+/-88.4	+/-87.6	+/-86.9	+/-86.2	+/-85.6		
	55	+/-97.8	+/-96.2	+/-94.4	+/-92.8	+/-91.3	+/-90	+/-88.9	+/-87.8	+/-86.9	+/-86	+/-85.2	+/-84.5	+/-83.8			
	57	+/-95.9	+/-94.3	+/-92.4	+/-90.8	+/-89.3	+/-88	+/-86.8	+/-85.7	+/-84.7	+/-83.9	+/-83	+/-82.3				
	59	+/-94.3	+/-92.6	+/-90.6	+/-88.9	+/-87.4	+/-86.1	+/-84.9	+/-83.8	+/-82.8	+/-81.8	+/-81					
	61	+/-92.8	+/-91	+/-89	+/-87.3	+/-85.7	+/-84.3	+/-83.1	+/-82	+/-80.9	+/-80						
	63	+/-91.5	+/-89.6	+/-87.6	+/-85.8	+/-84.2	+/-82.7	+/-81.4	+/-80.3	+/-79.2							
	65	+/-90.3	+/-88.4	+/-86.3	+/-84.4	+/-82.7	+/-81.3	+/-79.9	+/-78.8								
	67	+/-89.3	+/-87.3	+/-85.1	+/-83.1	+/-81.4	+/-79.9	+/-78.5									
	69	+/-88.3	+/-86.3	+/-84	+/-82	+/-80.2	+/-78.7										
	71	+/-87.5	+/-85.4	+/-83	+/-80.9	+/-79.1											
	73	+/-86.8	+/-84.6	+/-82.1	+/-80	+/-78.1											
	75	+/-86.3	+/-83.9	+/-81.4	+/-79.2												
	77	+/-85.8	+/-83.4	+/-80.7													
	79	+/-85.4	+/-82.9	+/-80.1													
	81	+/-85.1	+/-82.5														
	83	+/-84.9															
	85-7/8	+/-84.9															

- 1) TIP-TO-TIP DIMENSIONS SHOWN. FOR INTEGRAL FIN AND EQUAL LEG WINDOWS, SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE WINDOW SIZE.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.
- 3) FOR ARCHITECTURAL WINDOWS, FIND THE SMALLEST WINDOW SIZE IN THE TABLE ABOVE WHICH THE OVERALL DIMENSIONS COMPLETELY FIT WITHIN.



PGT[®] WINDOWS and DOORS

3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

PREPARED BY A. LYNN MILLER
3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600

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ALUMINUM FIXED WINDOW

DESIGN PRESSURE TABLES D

PW7620A

By

JENS ROSOWSKI

No.

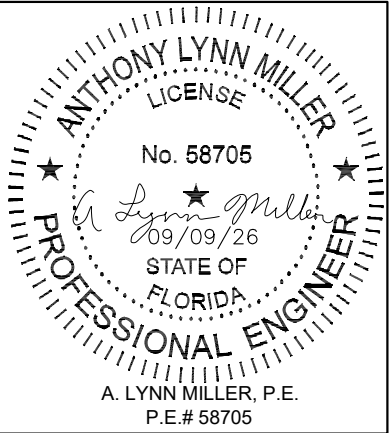
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Date

09/09/26

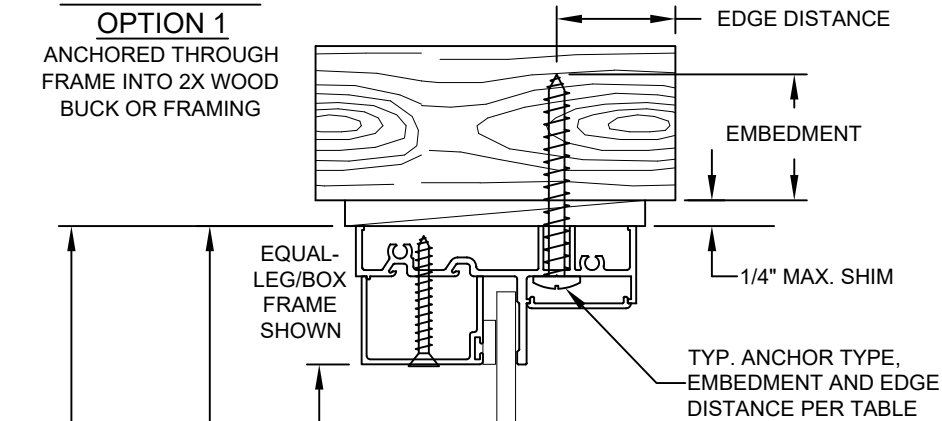
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PW7620-NI-HVHZ

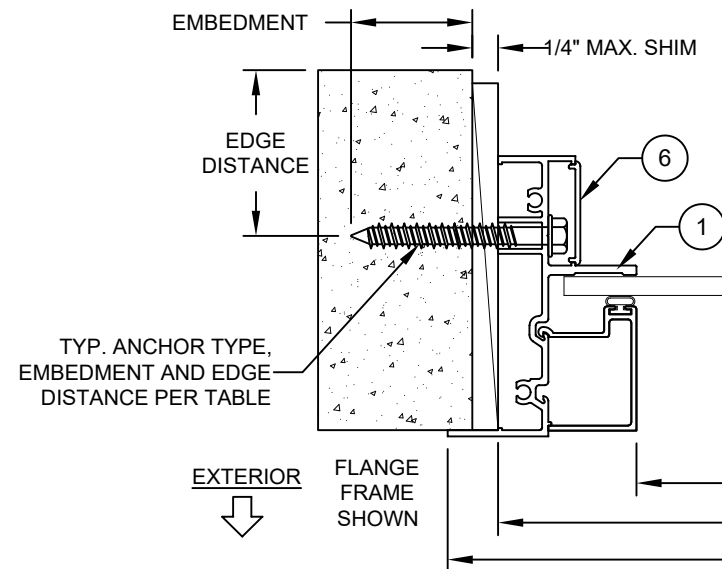


INSTALLATION
OPTION 1

ANCHORED THROUGH
FRAME INTO 2X WOOD
BUCK OR FRAMING

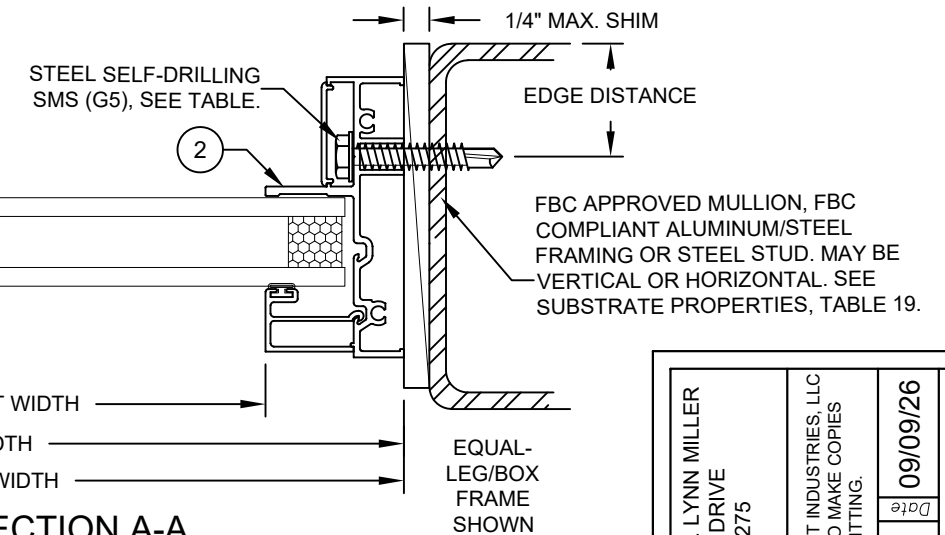


INSTALLATION OPTION 3
ANCHORED THROUGH FRAME
DIRECTLY INTO CONCRETE/CMU



INSTALLATION OPTION 4

ANCHORED THROUGH FRAME INTO FPA
APPROVED MULLION, FBC COMPLIANT
ALUMINUM/STEEL FRAMING OR STEEL
STUD. MAY BE VERTICAL OR HORIZONTAL.
SEE SUBSTRATE PROPERTIES

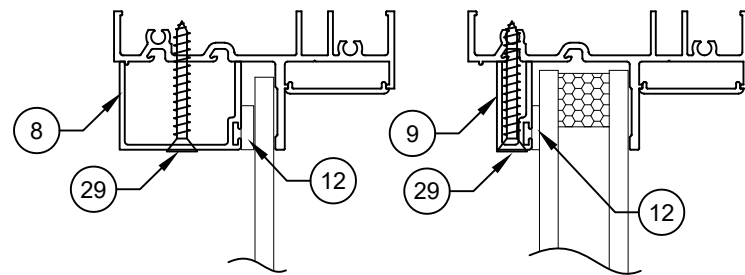


HORIZONTAL SECTION A-A

TIP-TO-TIP
HEIGHT

BUCK
HEIGHT

VISIBLE
LIGHT
HEIGHT



DETAIL FOR CURVED FRAME MEMBERS
ON ARCHITECTURAL SHAPES.

FLANGE
FRAME
SHOWN

1/4" MAX. SHIM
1X WOOD BUCKSTRIP,
SEE NOTE 2, THIS SHEET

INSTALLATION
OPTION 2

ANCHORED THROUGH
FRAME AND 1X
BUCKSTRIP INTO
CONCRETE

VERTICAL SECTION B-B

INSTALLATION NOTES:

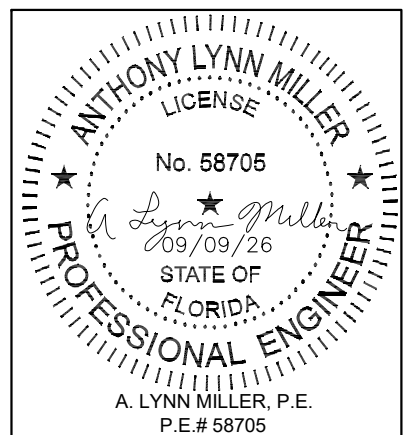
- 1) USE ONLY ANCHORS LISTED ON THIS SHEET. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW.
- 2) WOOD BUCKS DEPICTED ON THIS SHEET AS "1X", ARE BUCKS WHOSE TOTAL THICKNESS IS LESS THAN 1-1/2". 1X WOOD BUCKS ARE OPTIONAL IF UNIT CAN BE INSTALLED DIRECTLY TO SOLID CONCRETE. WOOD BUCKS DEPICTED AS "2X" ARE 1-1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY AUTHORITY HAVING JURISDICTION.
- 3) IF APPLICABLE, LOWER DESIGN PRESSURE FROM EITHER WINDOW OR MULLION APPROVAL APPLIES TO WHOLE SYSTEM.

TABLE 7: ANCHORS INSTALLED THROUGH FRAME

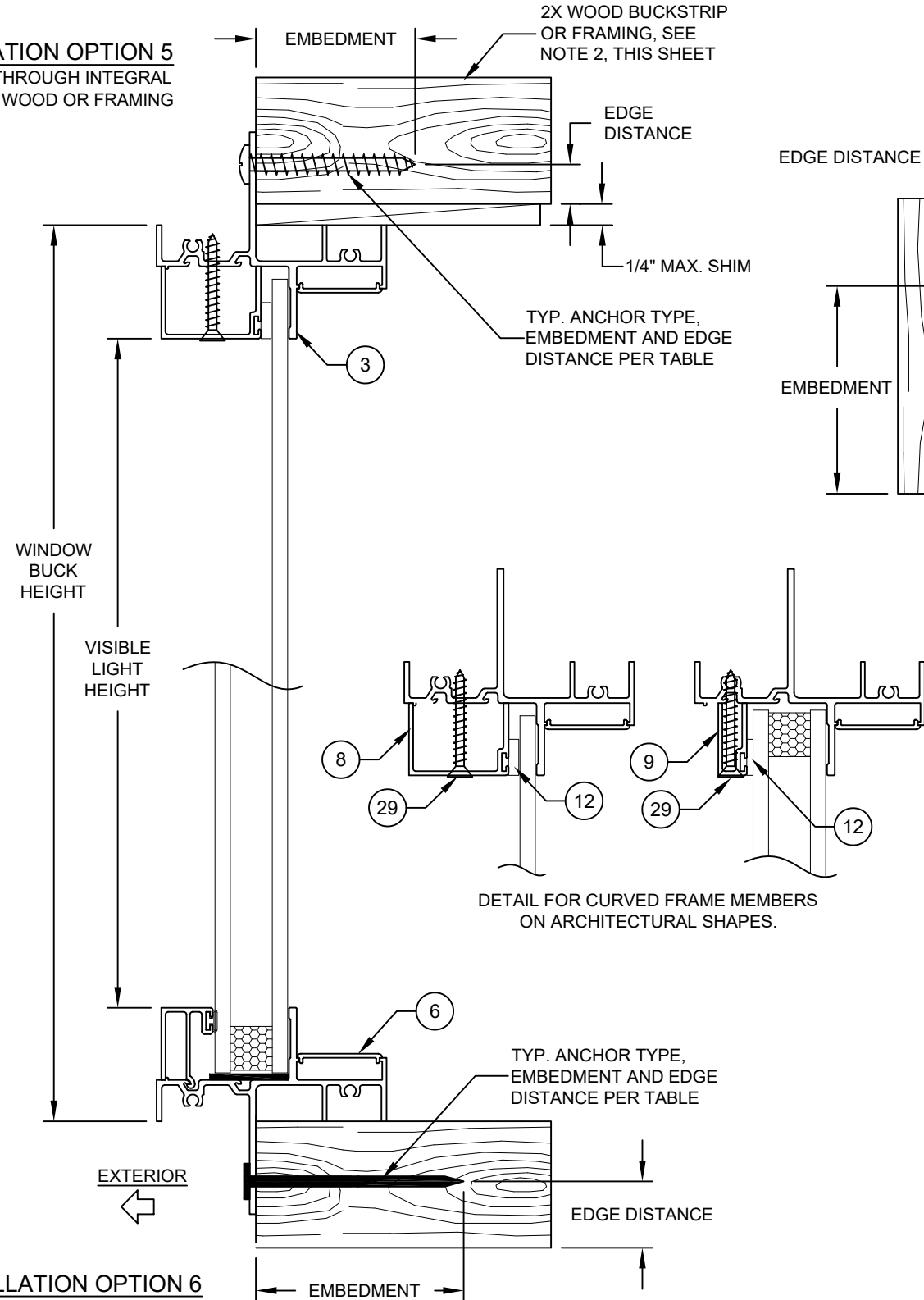
Anchor	Substrate	Min. Edge Distance	Min. Embedment
#12 or #14 SMS Carbon Steel or 18-8, 316, 410 SS	Southern Pine (SG=0.55)	9/16"	1-3/8"
	Aluminum, 6063-T5 min.	3/8"	0.063" *
	A36 Steel	3/8"	0.063" *
	Steel Stud, Gr. 33 min.	3/8"	0.045" (18 Ga) *
1/4" 410 SS CreteFlex	UngROUTED CMU, (ASTM C-90)	2-1/2"	1-1/4"
	Concrete (min. 3.35 ksi)	1"	1-3/4"
1/4" 304 SS Aggre-Gator	Concrete (min. 3.275 ksi)	1-1/2"	1-3/8"
	UngROUTED CMU, (ASTM C-90)	3"	1-1/4"
1/4" Steel Ultracon+	Concrete (min. 3 ksi)	1-3/16"	1-3/8"
	UngROUTED CMU, (ASTM C-90)	1-1/2"	1-1/4"
5/16" Steel Ultracon	Concrete (min. 3.5 ksi)	1-1/4"	1-3/4"
	Grouted CMU, (ASTM C-90)	2-1/2"	1-3/4"

- 1) * MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.
- 2) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- 3) 18-8 FASTENERS SHALL BE MANUFACTURED FROM TYPE 304 OR 305 STAINLESS STEEL PER ASTM A240.
- 4) ALL SCREWHEAD TYPES ARE APPLICABLE.

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Title	ALUMINUM FIXED WINDOW		Date	09/09/26
Series	PW7620A	Sheet	JENS ROSOWSKI	
Desc.	6 OF 8		Drawn By	PW7620-NI-HVHZ
FLANGE/EQUAL-LEG INSTALL.		DWG No.		



INSTALLATION OPTION 5
SCREWED THROUGH INTEGRAL
FIN INTO 2X WOOD OR FRAMING

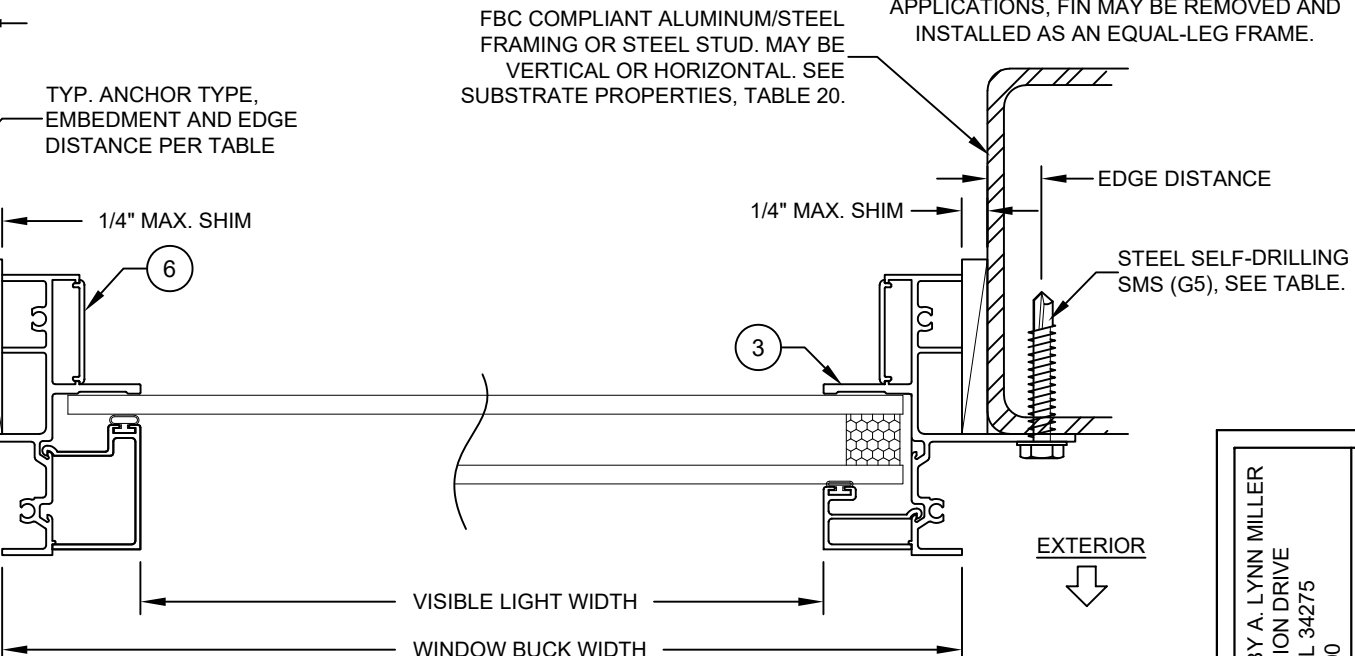


INSTALLATION OPTION 6
NAILED THROUGH INTEGRAL FIN
INTO 2X WOOD OR FRAMING

VERTICAL SECTION F-F

INSTALLATION OPTION 7

ANCHORED THROUGH
INTEGRAL FIN INTO METAL. FOR MULLION
APPLICATIONS, FIN MAY BE REMOVED AND
INSTALLED AS AN EQUAL-LEG FRAME.



HORIZONTAL SECTION E-E

TABLE 8: ANCHORS INSTALLED THROUGH FIN

Anchor	Substrate	Min. Edge Distance	Max. O.C. Spacing
2-1/2" x .113" Box Nail	Southern Pine (SG=0.55)	5/16"	5"
2-1/2" x .131" Common Nail	Southern Pine (SG=0.55)	3/8"	5"
2-1/2" x .145" Roofing Nail	Southern Pine (SG=0.55)	3/8"	5"
#10 SMS Carbon Steel or 18-8, 316 or 410 SS	Southern Pine (SG=0.55)	1/2"	5"
	0.093" Aluminum, 6063-T5 min.	5/16"	5"
	1/16" A36 Steel	5/16"	5"
	0.045" (18 Ga) Steel Stud, Gr. 33	5/16"	5"

- 1) * MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.
2) 18-8 FASTENERS SHALL BE MANUFACTURED FROM TYPE 304 OR 305 STAINLESS STEEL PER ASTM A240.
3) ALL SCREWHEAD TYPES ARE APPLICABLE.

INSTALLATION NOTES:

- 1) USE ONLY ANCHORS LISTED ON THIS SHEET. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW.
2) WOOD BUCKS DEPICTED AS "2X" ARE 1-1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY AUTHORITY HAVING JURISDICTION.
3) IF APPLICABLE, LOWER DESIGN PRESSURE FROM EITHER WINDOW OR MULLION APPROVAL APPLIES TO WHOLE SYSTEM.

PREPARED BY A LYNN MILLER
3400 PRECISION DRIVE
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PGT WINDOWS and DOORS
3400 PRECISION DRIVE
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REGISTRATION #29296

09/09/26
Date

By
JENS ROSOWSKI

09/09/26
Date

9 OF 8
Sheet

7 OF 8
Sheet

7 OF 8
Sheet

ALUMINUM FIXED WINDOW

INTEGRAL FIN INSTALLATION

PW7620A

Rev. #

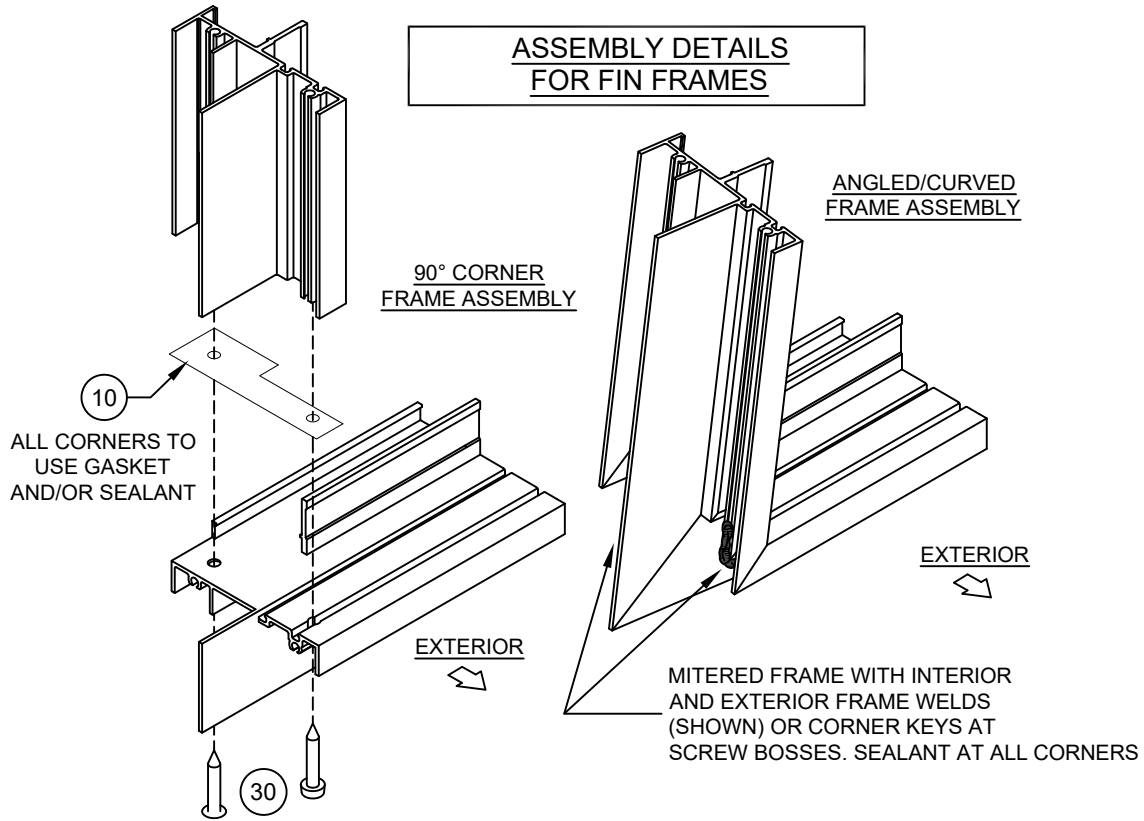
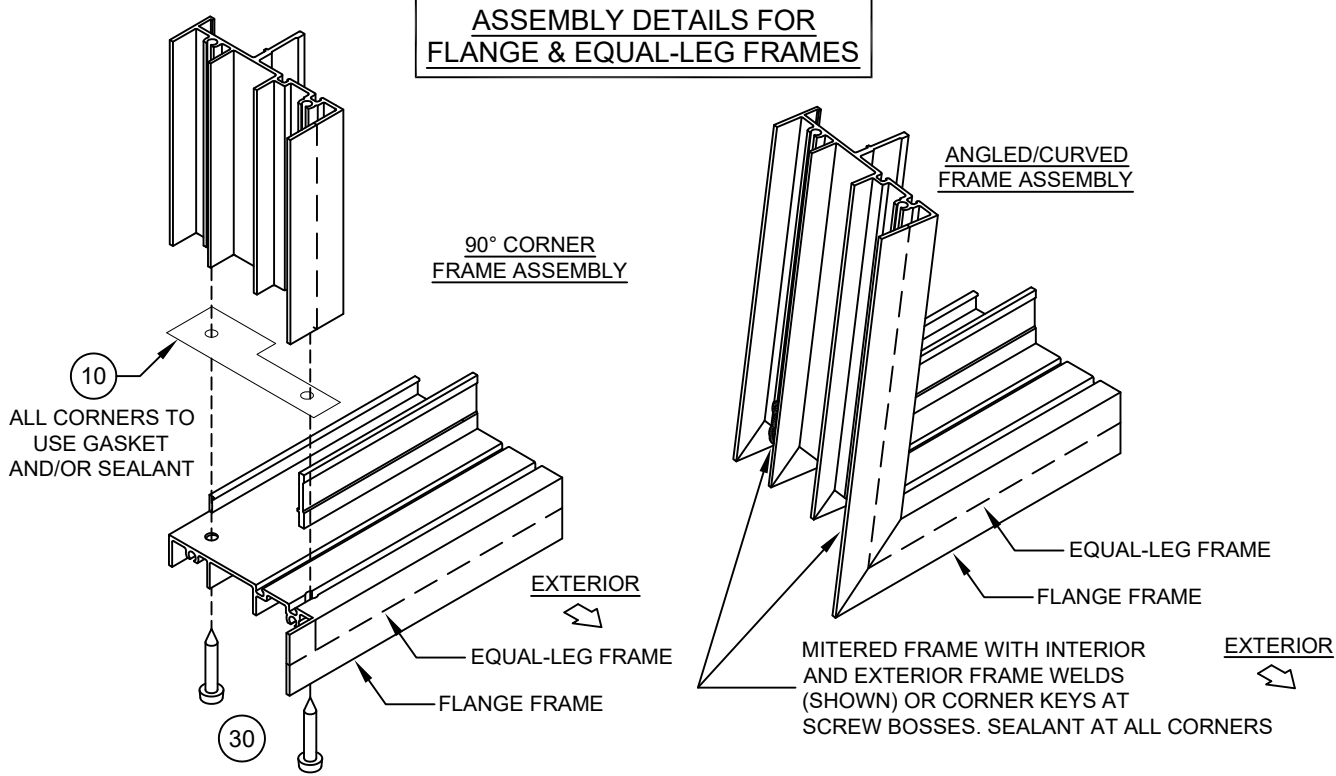
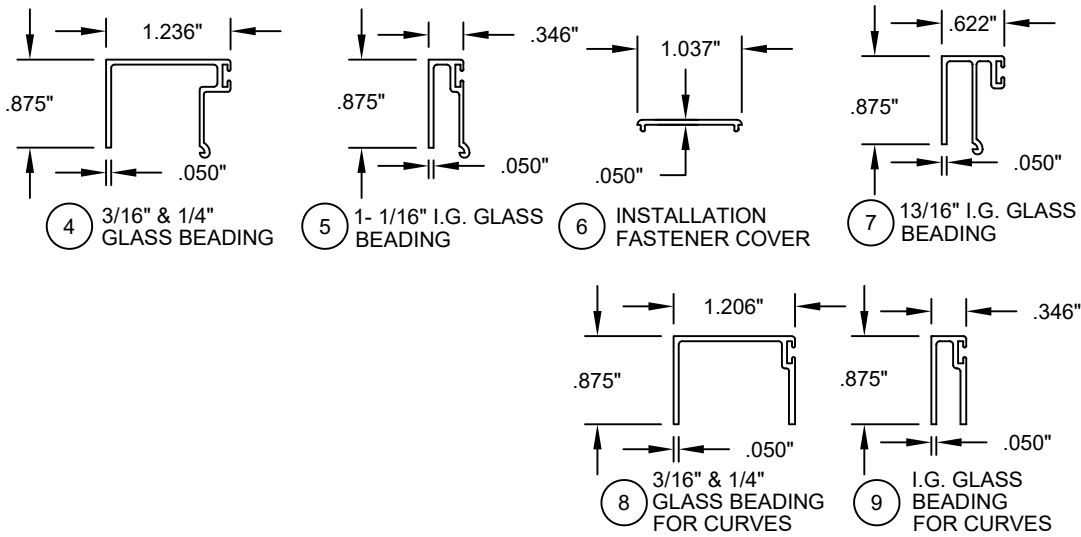
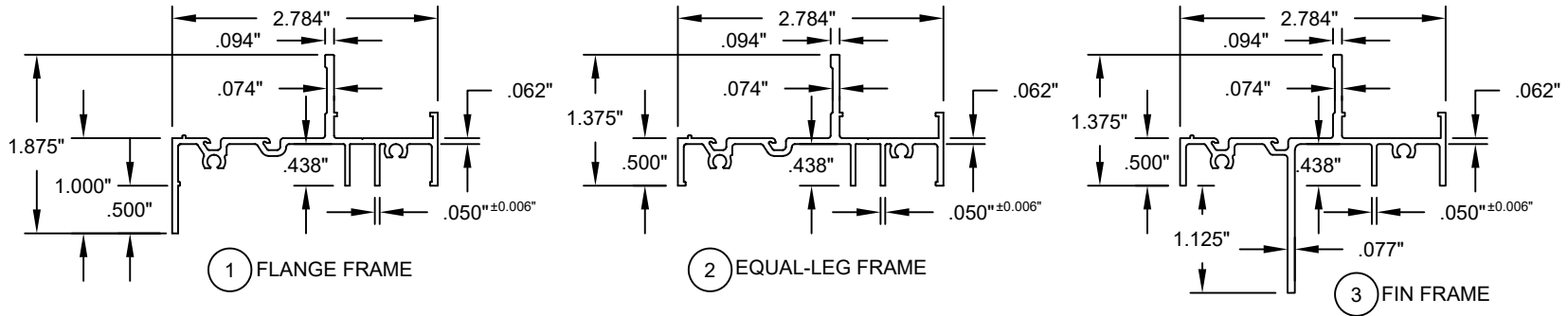
Date

Rev.

ANTHONY LYNN MILLER
LICENSE
No. 58705
09/09/26
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 9:

Item #	PGT Part #	Description	Material
1	4253C	Flanged Frame	Alum. 6063-T5
2	4285	Equal-leg Frame	Alum. 6063-T5
3	4256	Integral Fin Frame	Alum. 6063-T5
4	4258	3/16" & 1/4" Glass Beading	Alum. 6063-T5
5	4254	1-1/16" I.G. Glass Beading	Alum. 6063-T5
6	4224	Installation Fastener Cover	Rigid PVC
7	4263	13/16" I.G. Glass Beading	Alum. 6063-T5
8	4280	3/16" & 1/4" Glass Beadling for Curves	Alum. 6063-T5
9	4269	I.G. Beading for Curves	Alum. 6063-T5
10	70589C	Gasket (at 90° corner joints)	Polyethylene
11	TP247/8	Vinyl Bulb Weatherstrip	Flex PVC, Duro. 65 +/-1
12	61308K	Foam Beading Tape	
13	Dow 791, 899, 983, 995 or GE 7700 Backbedding		Silicone
20	71652K	Setting Block, Mono. 3/16" x 7/16" x 4"	Neoprene, Duro. 85 +/-1
21	71704AK	Setting Block, I.G. 3/16" x 1-3/32" x 4"	Neoprene, Duro. 85 +/-1
29	76X114FPTX	#6 x 1-1/4" FH SMS (Curved Beading)	Stainless Steel
30	781PQX	#8 x 1" Quad PH SMS (Assembly)	Stainless Steel



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ALUMINUM FIXED WINDOW		Date		09/09/26					
BOM, EXTRUSIONS & ASSEMBLY		By Dawn		JENS ROSOWSKI					
PW7620A		Sheet		8 OF 8		DWG No.		PW7620-NI-HVHZ	
Series Desc.		Title							

