

**SERIES PW5540, IMPACT RESISTANT,
VINYL CASEMENT PICTURE 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 NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS. FOR INSULATED GLASS INSTALLATIONS ABOVE 30' IN THE HVHZ, THE OUTBOARD LITE (CAP) MUST TEMPERED.
- 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/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.
- 8) FRAME FLANGES OR INTEGRAL FINNS MAY BE TRIMMED IN-FIELD TO CREATE AN EQUAL-LEG FRAME.

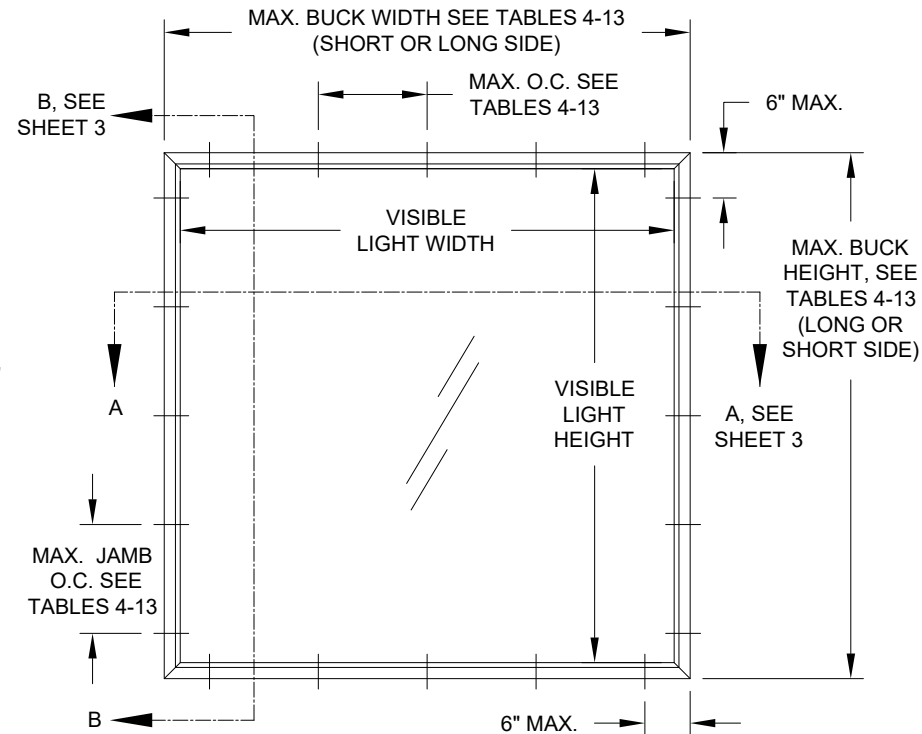
THIS SYSTEM HAS BEEN TESTED TO MEET THE 400 FT-LB KINETIC ENERGY IMPACT LOADING REQUIREMENTS OF ANSI Z97.1 WHEN USING GLASS TYPES 16 OR 17 AND MAY BE USED IN APPLICATIONS WHERE THE WINDOW IS BEING USED AS A GUARD.

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.

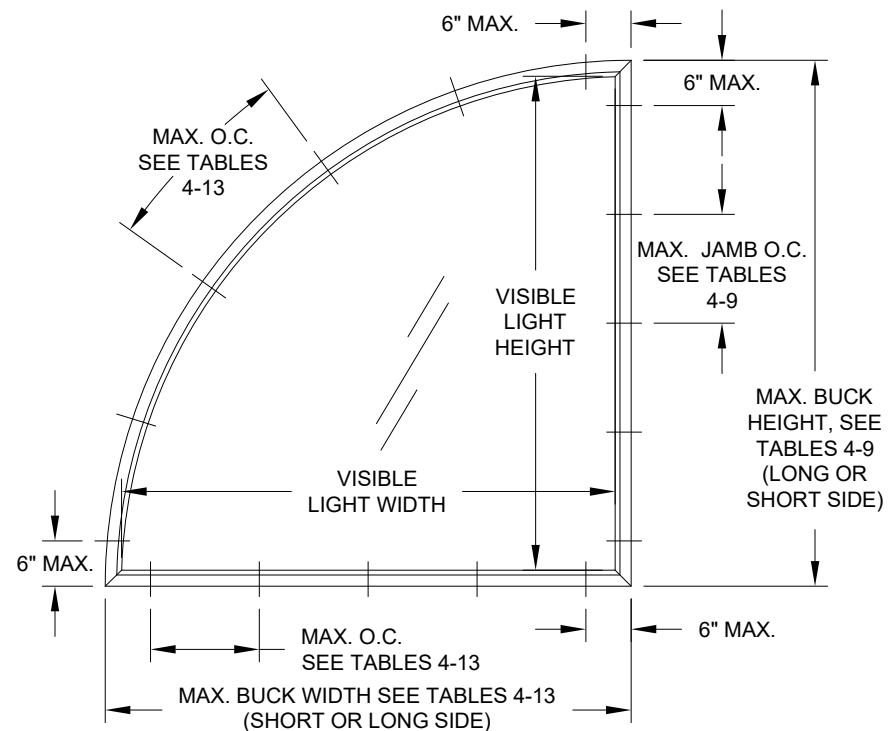
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VISIBLE LIGHT FORMULAS
WIDTH: BUCK WIDTH - 6-3/4"
HEIGHT: BUCK HEIGHT - 6-3/4"

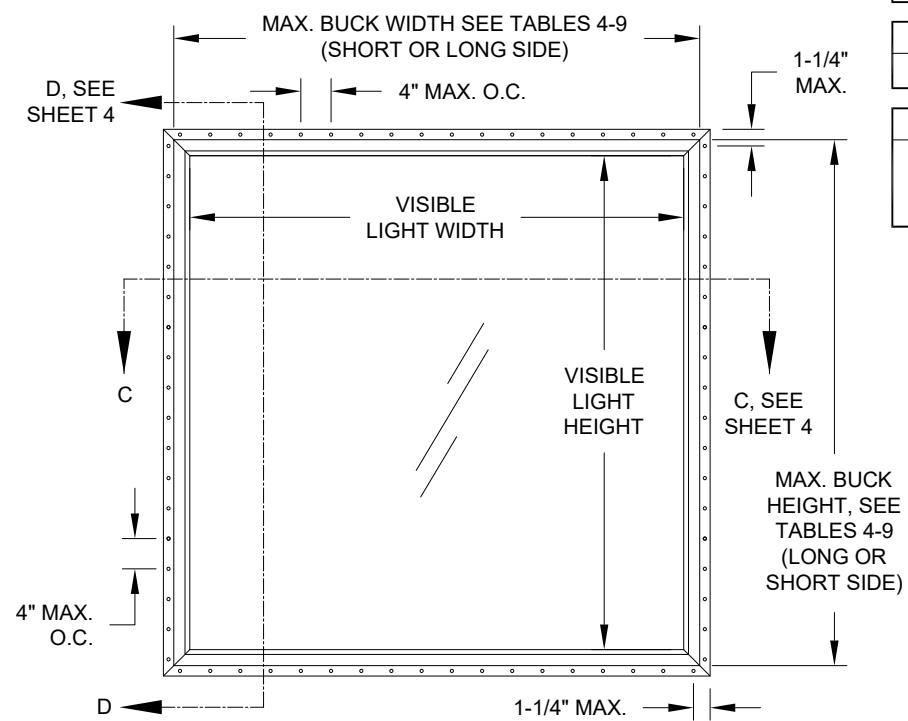
FLORIDA PRODUCT APPROVAL #5012



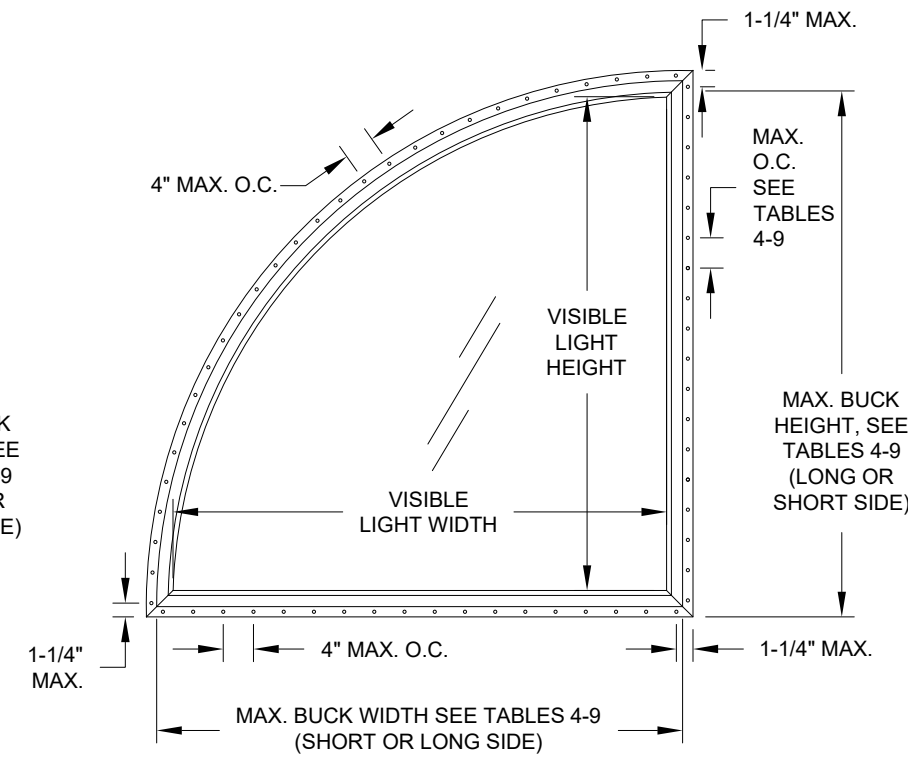
**TYP. EQUAL-LEG/BOX &
FLANGE FRAME (90° CORNERS)**



**TYP. EQUAL-LEG/BOX &
FLANGE FRAME (CURVED
OR ANGLED CORNERS)**



**TYP. INTEGRAL FIN & J-CHANNEL
FRAME (90° CORNERS)
(ANCHORED THROUGH NAIL FIN)**



**TYP. INTEGRAL FIN &
J-CHANNEL FRAME (CURVED OR
ANGLED CORNERS)
(ANCHORED THROUGH NAIL FIN)**

DESIGN PRESSURE RATING VARIES, SEE SHEETS 8-13
WATER TEST PRESSURE 15% OF (+) DP
IMPACT RATING LARGE AND SMALL MISSILE IMPACT RESISTANT MISSILE LEVEL D

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						Date		07/07/26	
REGISTRATION #29296						VINYL CASEMENT PICTURE WINDOW			
GENERAL NOTES & ELEVATION						By		JENS ROSOWSKI	
						Drawn		JENS ROSOWSKI	
PW5540		1 OF 14		DWG No.		PW5540-LM-HVHZ			
Series		Sheet							
Desc.									
Title									

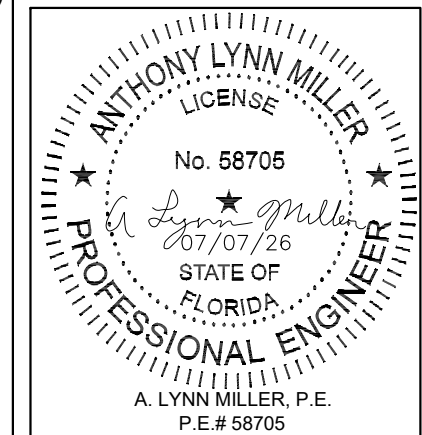


TABLE 1:

Glass Type	Description	Table #
7	7/8" LIG: 1/8" AN Cap + 7/16" AIR + 1/8" AN + 0.090" PVB + 1/8" AN	4
8	7/8" LIG: 1/8" TP Cap + 7/16" AIR + 1/8" AN + 0.090" PVB + 1/8" AN	5
9	7/8" LIG: 3/16" AN Cap + 3/8" AIR + 1/8" AN + 0.090" PVB + 1/8" AN	6
10	7/8" LIG: 3/16" TP Cap + 3/8" AIR + 1/8" AN + 0.090" PVB + 1/8" AN	6
11	1" LIG: 1/8" TP Cap + 7/16" AIR + 3/16" AN + 0.090" PVB + 3/16" AN	7
12	1" LIG: 3/16" AN Cap + 3/8" AIR + 3/16" AN + 0.090" PVB + 3/16" AN	8
13	1" LIG: 3/16" TP Cap + 3/8" AIR + 3/16" AN + 0.090" PVB + 3/16" AN	9
14	1" LIG: 3/16" AN Cap + 3/8" AIR + 3/16" AN + 0.090" SG + 3/16" AN	10
15	1" LIG: 3/16" TP Cap + 3/8" AIR + 3/16" AN + 0.090" SG + 3/16" AN	11
16	1" LIG: 1/8" TP Cap + 7/16" AIR + 3/16" HS + 0.090" SG + 3/16" HS	12
17	1" LIG: 3/16" TP Cap + 3/8" AIR + 3/16" HS + 0.090" SG + 3/16" HS	13

"AN" = ANNEALED
"HS" = HEAT STRENGTHENED
"TP" = TEMPERED
"PVB" = 0.090" TROSIFOL PVB BY KURARAY AMERICA, INC.
"SG" = 0.090" SENTRYGLAS BY KURARAY AMERICA, INC.

GLASS TYPES 7, 9, 12 & 14 MAY NOT BE USED IN THE HVHZ ABOVE 30'.

GLASS TYPES 14 THROUGH 17 MAY NOT BE USED WITH J-CHANNEL OR INTEGRAL FIN FRAMES.

TABLE 3: ANCHORS INSTALLED THROUGH INTEGRAL FIN

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment*
E	2-1/2" x 0.131" Common Nail	Southern Pine (SG=0.55)	3/8"	2-7/16"
F	2-1/2" Ring-shank Roofing Nail	Southern Pine (SG=0.55)	3/8"	2-7/16"
		Southern Pine (SG=0.55)	1/2"	1-3/8"
		Aluminum, 6063-T5*	3/8"	0.050"
		Steel Stud, Gr. 33*	3/8"	0.0451" (18 Ga.)
	#10 SMS Carbon Steel or 18-8, 316 or 410 SS	Steel, A36*	3/8"	0.050"
		Southern Pine (SG=0.55)	9/16"	1-3/8"
		Aluminum, 6063-T5*	3/8"	0.063"
		Steel Stud, Gr. 33*	3/8"	0.050"
	#12 SMS Carbon Steel or 18-8, 316 or 410 SS	Steel, A36*	3/8"	0.050"

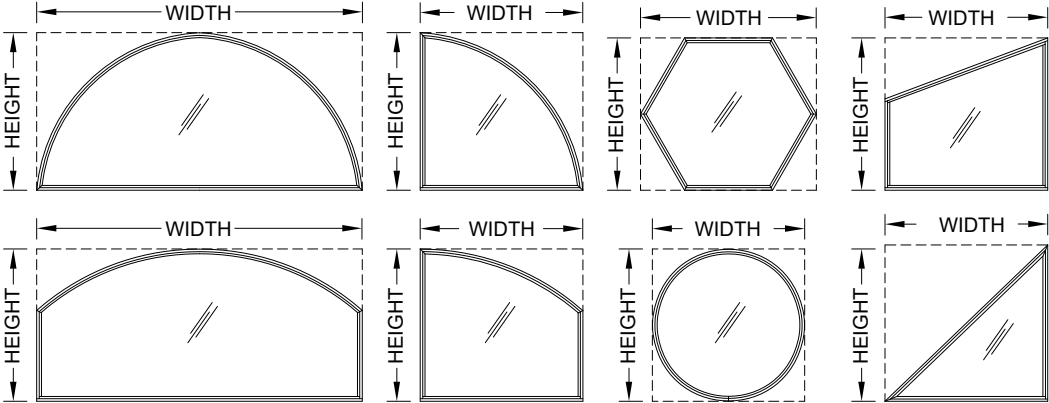
- 1) * MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.
2) ALL SCREWHEAD TYPES ARE APPLICABLE.
3) 18-8 FASTENERS SHALL BE MANUFACTURED FROM TYPE 304 OR 305 STAINLESS STEEL PER ASTM A240.
4) IF COMBINING ANCHOR TYPES FROM DIFFERENT ANCHOR GROUPS ON THE SAME UNIT, THE GREATER ANCHOR QUANTITY FROM EITHER GROUP SHALL BE USED FOR THE ENTIRE UNIT.

TABLE 2: ANCHORS INSTALLED THROUGH FRAME

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment*
A	#10 SMS Carbon Steel or 18-8, 316, 410 SS	Southern Pine (SG=0.55)	7/16"	1-3/8"
		Steel, A36*	3/8"	0.050"
		Steel Stud, A653 Gr. 33*	3/8"	0.0451" (18 Ga.)
		Aluminum, 6063-T5*	3/8"	0.050"
	3/16" Steel Ultracon+	Southern Pine (SG=0.55)	7/16"	1-3/8"
		Concrete (min. 3 ksi)	1"	1-3/8"
B	#12 SMS Carbon Steel or 18-8, 316, 410 SS	UngROUTED CMU, (ASTM C-90)	1"	1-1/4"
		Southern Pine (SG=0.55)	9/16"	1-3/8"
		Steel, A36*	3/8"	0.050"
		Steel Stud, A653 Gr. 33*	3/8"	0.0451" (18 Ga.)
	1/4" Steel Ultracon+	Aluminum, 6063-T5*	3/8"	0.063"
		Southern Pine (SG=0.55)	1"	1-3/8"
	1/4" 410 SS Creteflex	Southern Pine (SG=0.55)	1"	1-3/8"
		Southern Pine (SG=0.55)	1"	1-3/8"
C	1/4" Steel Ultracon+	Southern Pine (SG=0.55)	1"	1-3/8"
		Concrete (min. 3 ksi)	1-3/16"	1-3/4"
	1/4" 410 SS Creteflex	UngROUTED CMU, (ASTM C-90)	1"	1-1/4"
D	1/4" Steel Ultracon+	Concrete (min. 3.35 ksi)	1"	1-3/4"
		Concrete (min. 3 ksi)	2-1/2"	1-3/4"
		UngROUTED CMU, (ASTM C-90)	2-1/2"	1-1/4"
	1/4" 410 SS Creteflex	Concrete (min. 3.35 ksi)	2-1/2"	1-3/4"
		UngROUTED CMU, (ASTM C-90)	2-1/2"	1-1/4"
		Concrete (min. 3.275 ksi)	1-1/2"	1-3/8"
	1/4" 304 SS Aggre-Gator	Grouted CMU, (ASTM C-90)	2"	2"

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

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.



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VINYL CASEMENT PICTURE WINDOW

ANCHOR AND GLASS TYPES

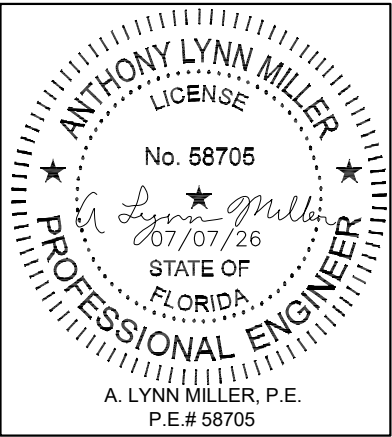
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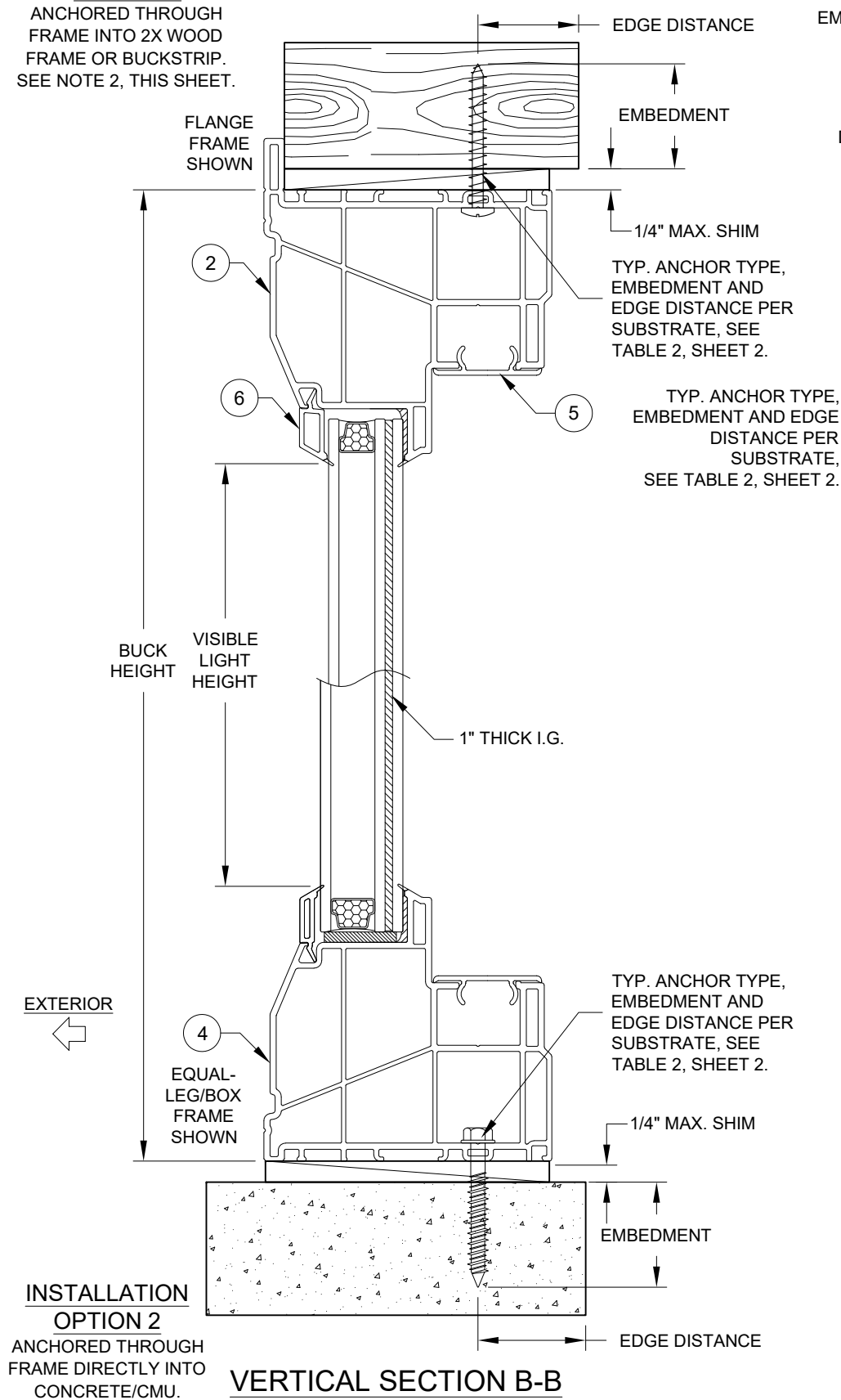
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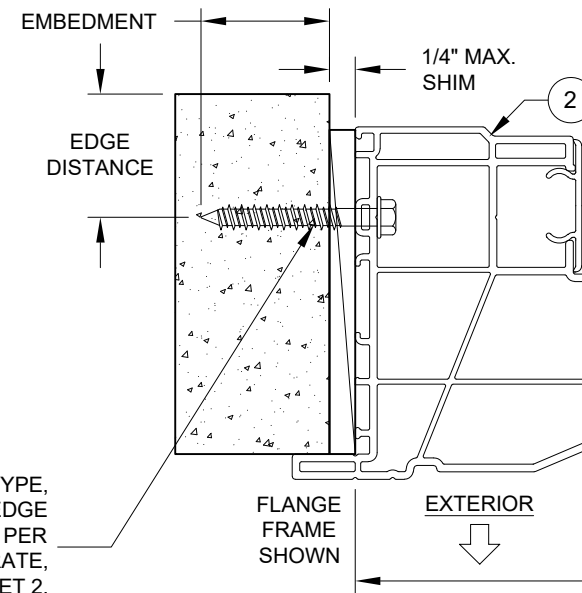
INSTALLATION DETAILS FOR FLANGE & EQUAL-LEG/BOX FRAMES

INSTALLATION
OPTION 1

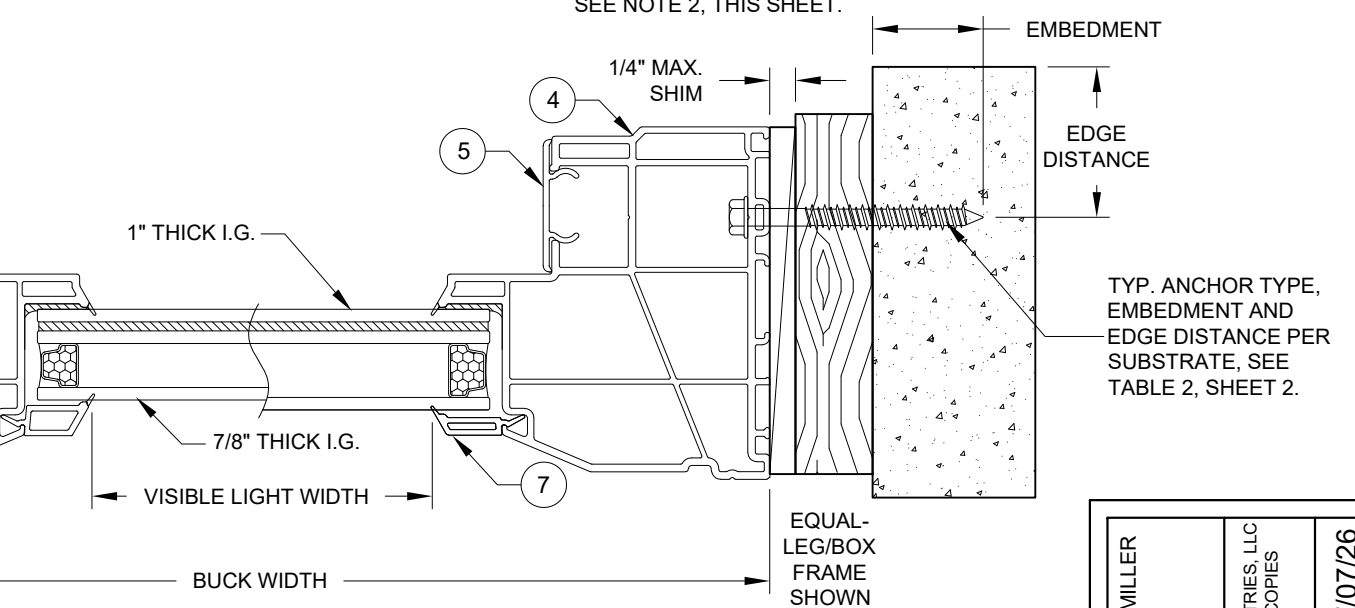
ANCHORED THROUGH
FRAME INTO 2X WOOD
FRAME OR BUCKSTRIP.
SEE NOTE 2, THIS SHEET.



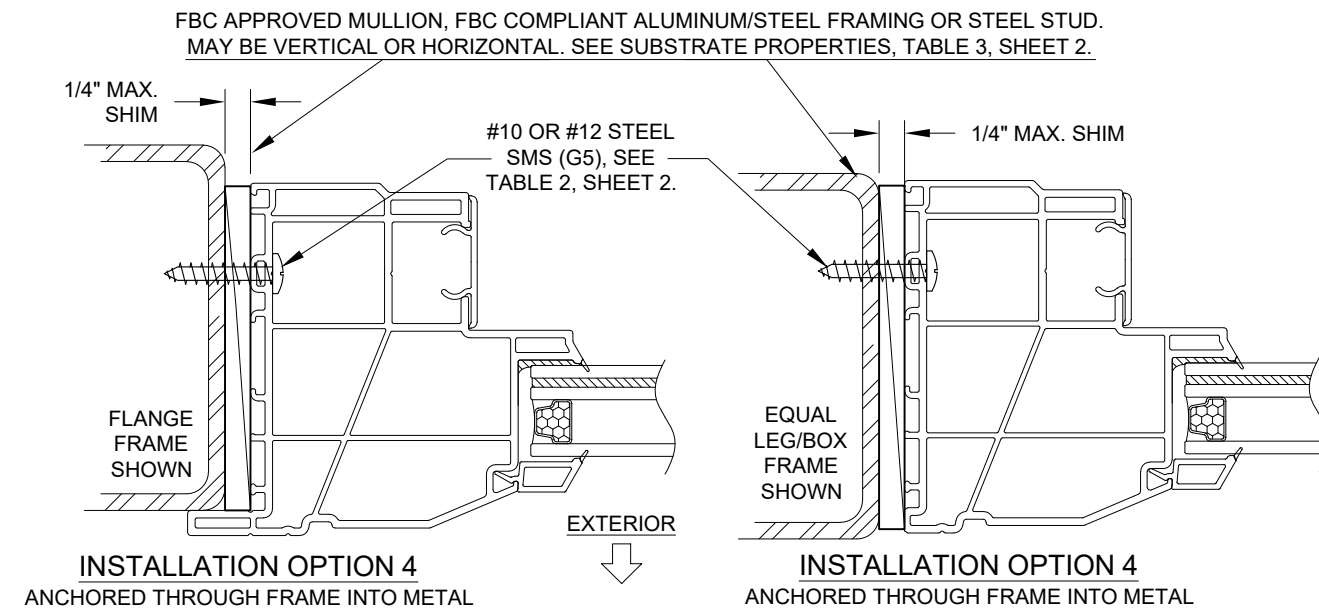
INSTALLATION OPTION 2
ANCHORED THROUGH FRAME
DIRECTLY INTO CONCRETE/CMU.



INSTALLATION OPTION 3
ANCHORED THROUGH FRAME AND 1X
BUCKSTRIP INTO CONCRETE/CMU.
SEE NOTE 2, THIS SHEET.



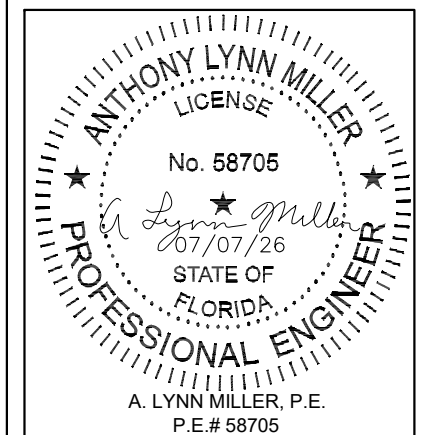
HORIZONTAL SECTION A-A



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.

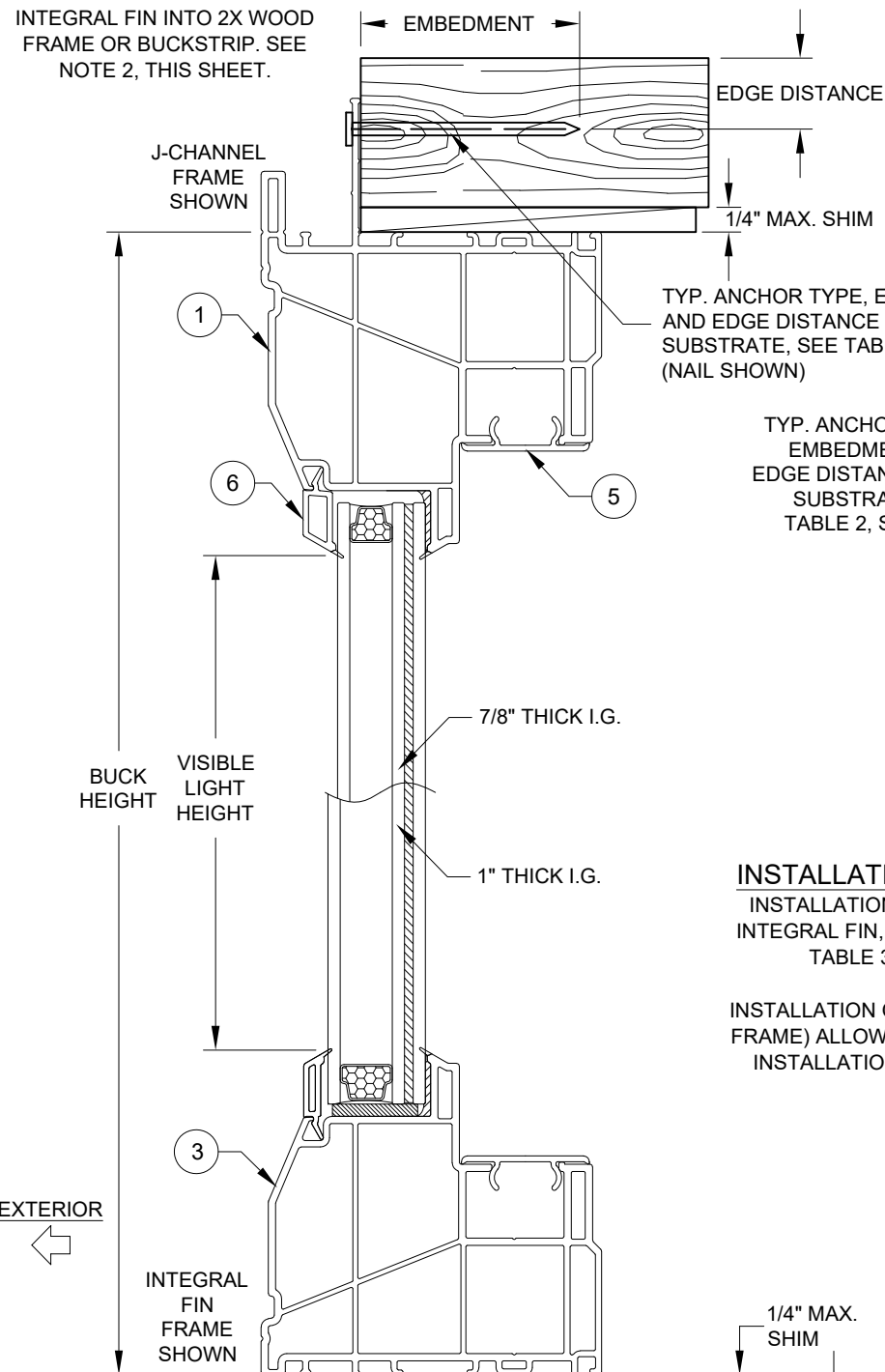
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FLANGE/EQUAL-LEG INSTALL		JENS ROSOWSKI		PW5540-LM-HVHZ	
PW5540		3 OF 14		Sheet	



INSTALLATION DETAILS FOR INTEGRAL FIN & J-CCHANNEL FRAMES

INSTALLATION OPTION 5

ANCHORED THROUGH INTEGRAL FIN INTO 2X WOOD FRAME OR BUCKSTRIP. SEE NOTE 2, THIS SHEET.



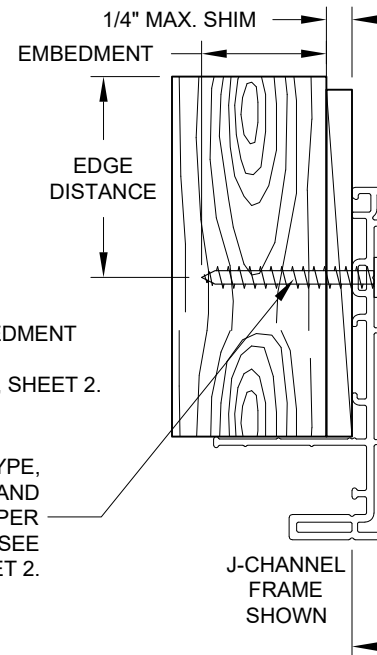
INSTALLATION OPTION 5

ANCHORED THROUGH INTEGRAL FIN INTO 2X WOOD FRAME OR BUCKSTRIP. SEE NOTE 2, THIS SHEET.

VERTICAL SECTION D-D

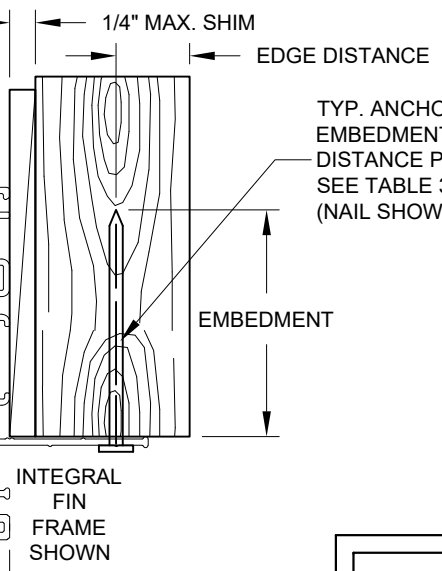
INSTALLATION OPTION 6

ANCHORED THROUGH FRAME INTO 2X WOOD FRAME OR BUCKSTRIP. SEE NOTE 2, THIS SHEET. (MAY BE INSTALLED INTO CONCRETE, SIMILAR TO INSTALLATION OPTIONS 2 & 3)



INSTALLATION OPTION 5

ANCHORED THROUGH INTEGRAL FIN INTO 2X WOOD FRAME OR BUCKSTRIP. SEE NOTE 2, THIS SHEET.

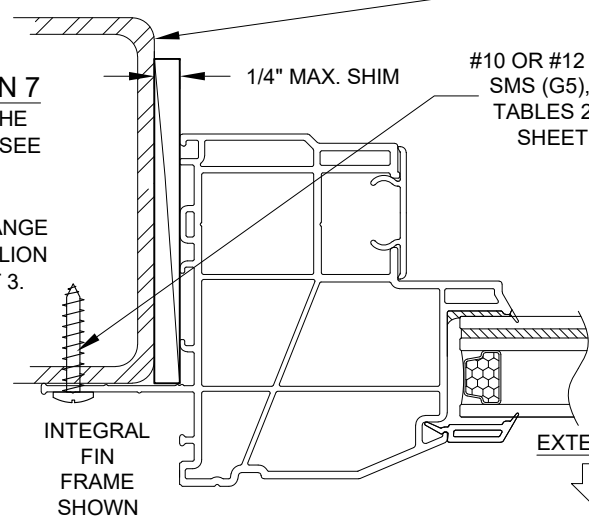


HORIZONTAL SECTION C-C

INSTALLATION OPTION 7

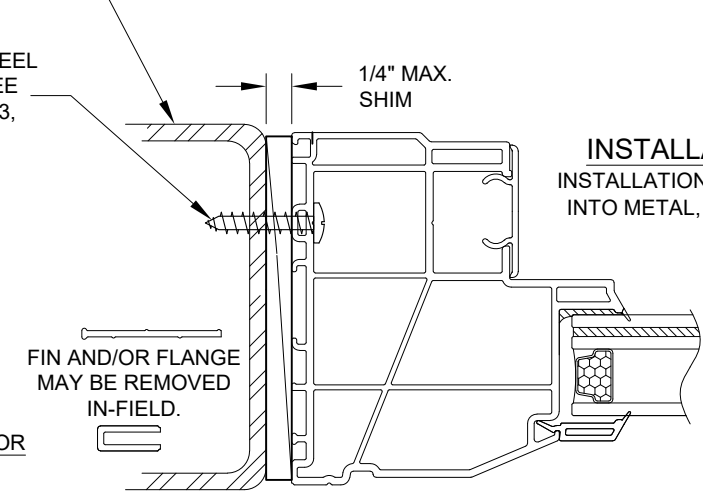
INSTALLATION THROUGH THE INTEGRAL FIN, INTO METAL, SEE TABLE 3, SHEET 2.

INSTALLATION OPTION 4 (FLANGE FRAME) ALLOWED WITH MULLION INSTALLATION. SEE SHEET 3.



INSTALLATION OPTION 8

INSTALLATION THROUGH THE FRAME, INTO METAL, SEE TABLE 2, SHEET 2.



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.

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FIN/J-CCHANNEL INSTALLATION		PW5540		Sheet		Title		Desc.	

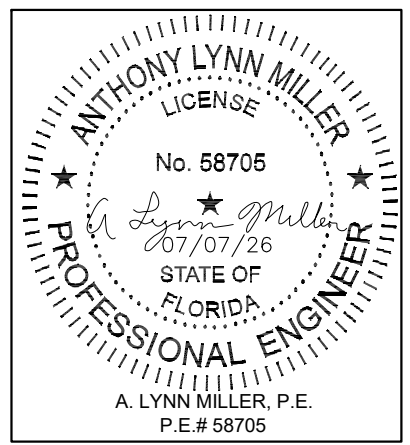
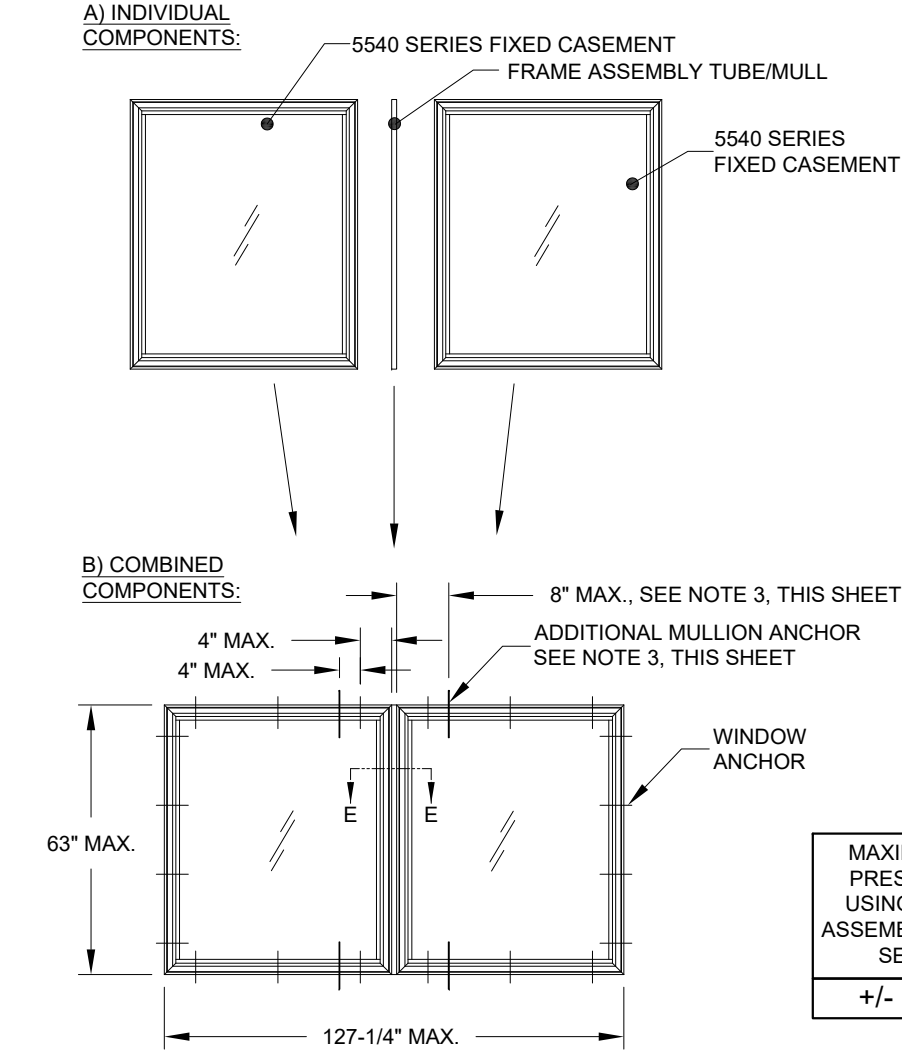


ILLUSTRATION OF FIXED CASEMENT-
TO-FIXED CASEMENT (OO)

(EQUAL LEG/BOX FRAME WITH IDENTICAL PRODUCTS COMBINED)



C) HORIZONTAL
SECTION E-E:

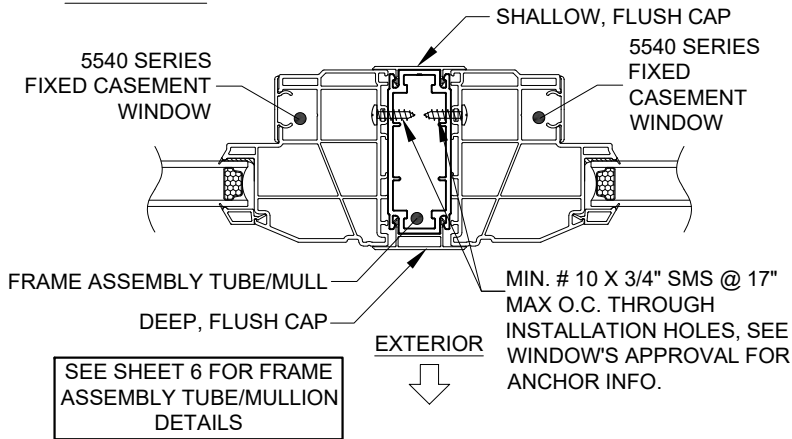
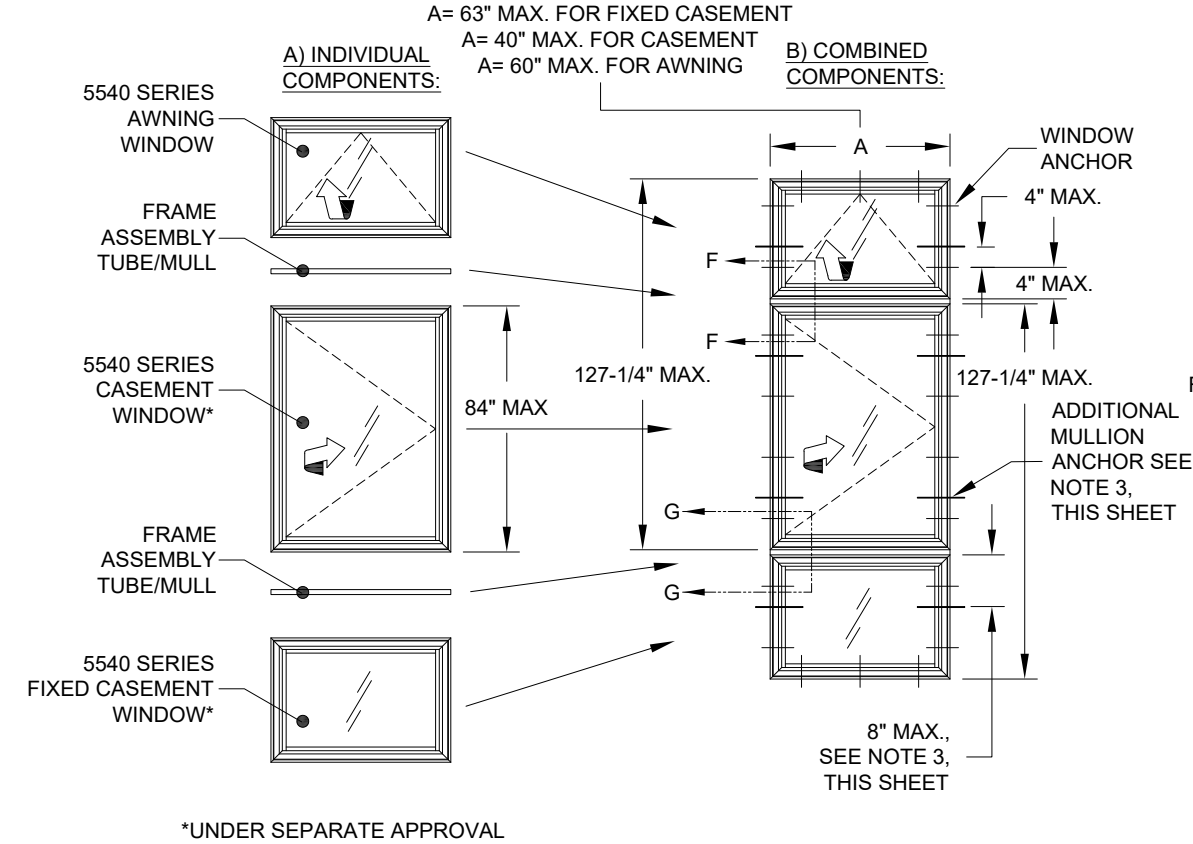


ILLUSTRATION OF AWNING-TO-CASEMENT-TO-FIXED CASEMENT (X/X/O)

(FLANGE FRAME WITH DIFFERENT 5540 SERIES PRODUCTS COMBINED)

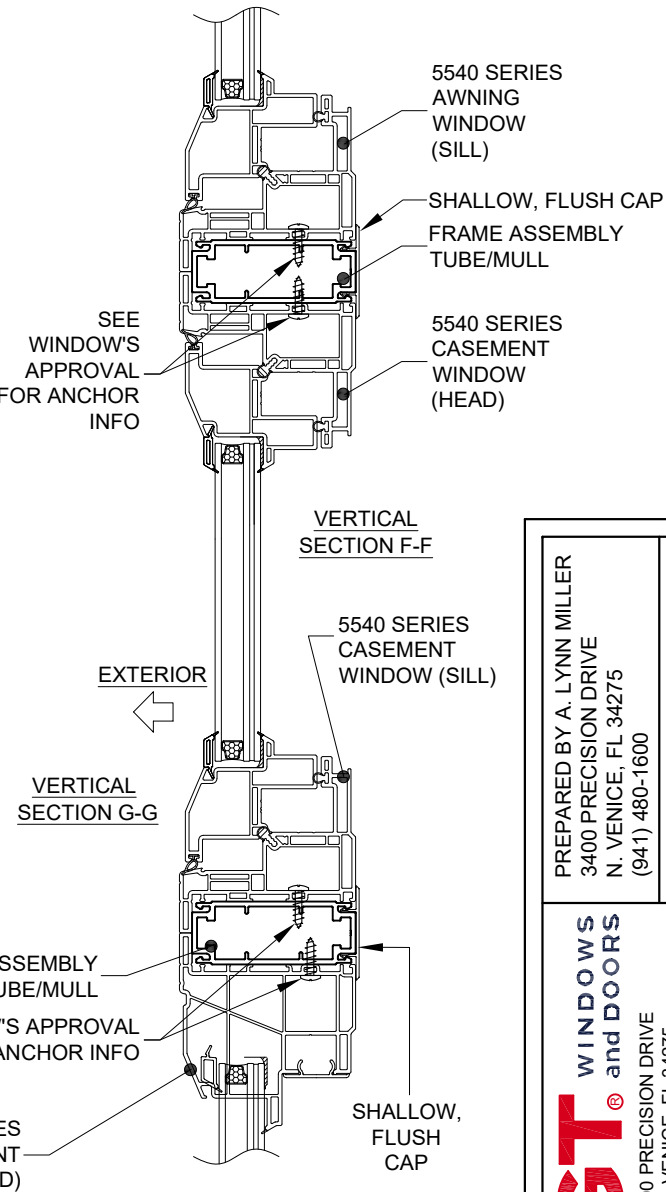


MAXIMUM DESIGN PRESSURE WHEN USING THE FRAME ASSEMBLY TUBE/MULL, SEE NOTE 2:

+/- 70.0 PSF

FRAME ASSEMBLY TUBE/MULL NOTES, ALSO SEE NEXT SHEET:

- 1) DRAWINGS SHOWN ON THIS SHEET ARE EXAMPLE CONFIGURATIONS FOR ALL FRAME TYPES. ADDITIONAL CONFIGURATIONS BASED ON WINDOW SIZE, TYPE, SHAPE, QUANTITY AND FRAME ASSEMBLY TUBE ORIENTATION ARE PERMISSIBLE FOLLOWING THE GUIDELINES OF THIS SHEET.
- 2) ANY 5XXX-SERIES CASEMENT (UNDER SEPARATE APPROVAL), AWNING (UNDER SEPARATE APPROVAL) OR FIXED CASEMENT WINDOW MAY BE ATTACHED TO THE FRAME ASSEMBLY TUBE/MULL, IN ANY COMBINATION TO THE SPAN AND WIDTH LIMIT SHOWN. FOR ALL WINDOWS IN THE ASSEMBLY, USE EACH WINDOW'S INDIVIDUAL APPROVAL FOR ANCHORAGE, SIZE AND DESIGN PRESSURE LIMITATIONS. THE LOWEST DESIGN PRESSURE OF THE WINDOWS OR FRAME ASSEMBLY TUBE/MULL APPLIES TO THE ENTIRE ASSEMBLY.
- 3) FOR ALL COMBINATION UNITS, ADDITIONAL INSTALLATION ANCHORS ARE REQUIRED TO BE INSTALLED THROUGH THE WINDOW FRAMES, AS SHOWN ON THIS SHEET, ON EACH SIDE OF THE FRAME ASSEMBLY TUBE/MULL WHEN USING FLANGE OR EQUAL-LEG/BOX FRAMES. FOR FIN OR J-CHANNEL FRAMES ADDITIONAL ANCHORS AND END CAPS ARE REQUIRED AS SHOWN ON SHEET 6.
- 4) FOR FLANGE OR EQUAL-LEG/BOX FRAMES, THE FRAME ASSEMBLY TUBE TO BE FASTENED TO WINDOW, AS SHOWN IN DETAILS, WITH MIN. #10 X 3/4" SHEET METAL SCREWS. USE THE SAME SPACING AND QUANTITY AS THE WINDOW INSTALLATION ANCHORS GIVEN IN THAT PRODUCT'S APPROVAL, UP TO 17" MAX. O.C., ADD ADDITIONAL ANCHORS AS NEEDED. THE FRAME ASSEMBLY TUBE IS NOT REQUIRED TO BE CLIPPED TO THE SUBSTRATE. ALL EXTERIOR JOINTS TO BE SEALED BY INSTALLER.
- 5) THE FRAME ASSEMBLY TUBE/MULL MAY NOT EXCEED 63" IN LENGTH OR BE USED IN TEE OR CROSS CONFIGURATIONS. TWO ADJACENT WINDOWS MAY NOT EXCEED A TOTAL OF 127-1/4" IN WIDTH OR HEIGHT, FROM WINDOW BUCK TO WINDOW BUCK, INCLUDING THE FRAME ASSEMBLY TUBE/MULL WIDTH.



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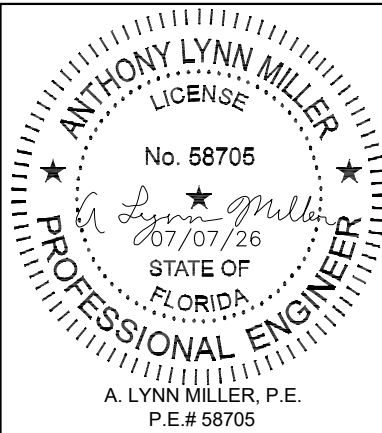
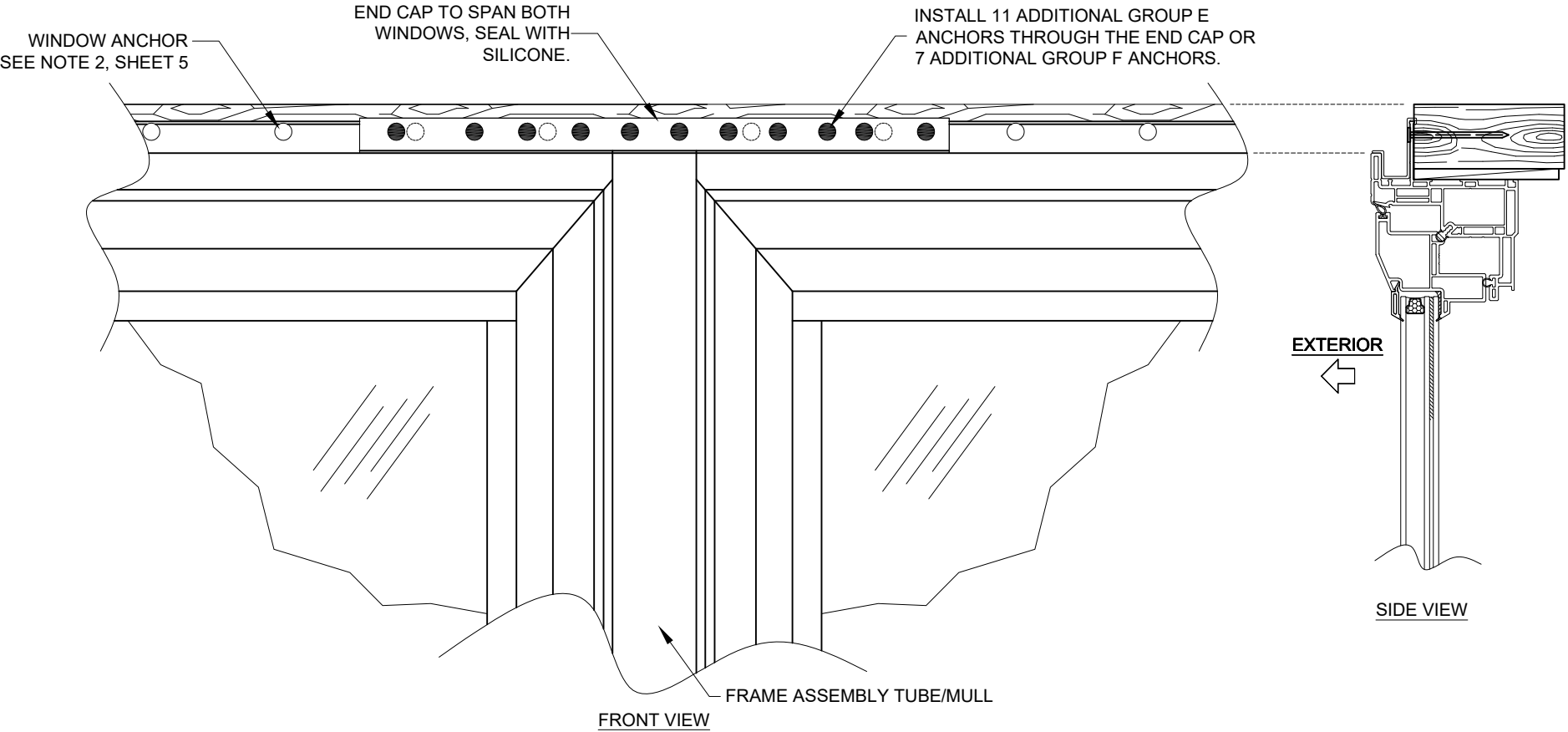


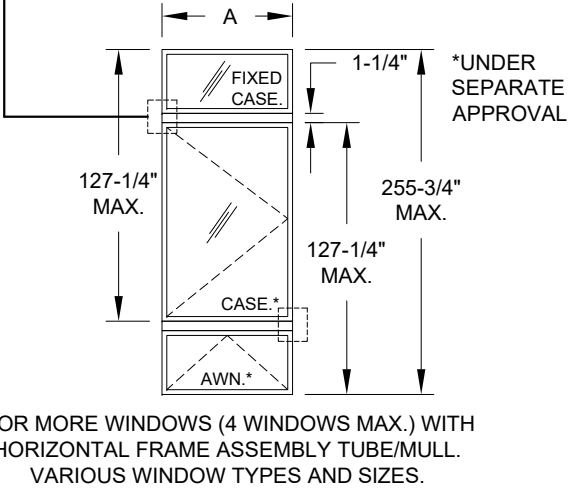
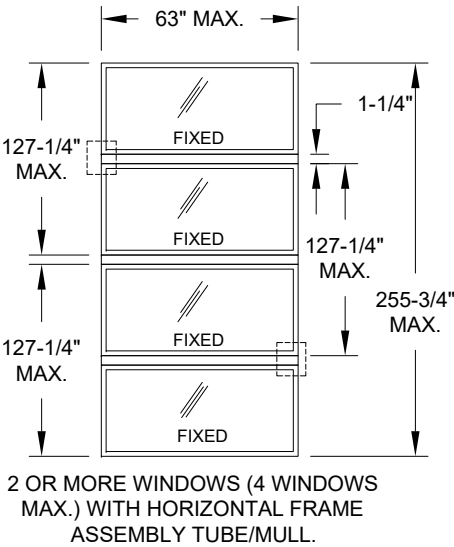
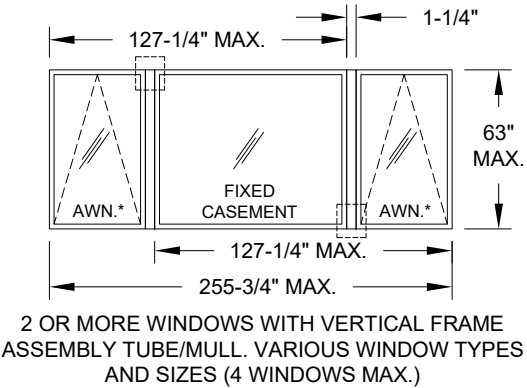
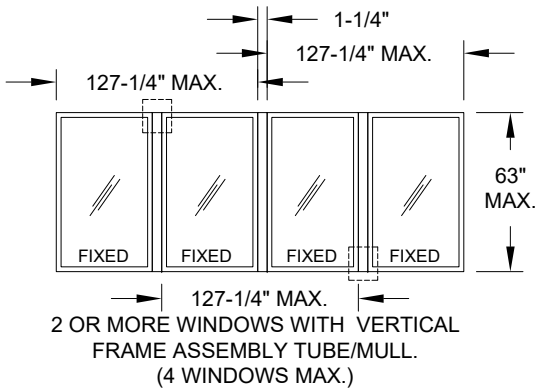
ILLUSTRATION OF END CAP USE WITH FIN AND J-CHANNEL FRAMES



- NOTES FOR FRAME ASSEMBLY TUBE END CAP:
- 1) APPLIES TO FIN OR J-CHANNEL FRAMES.
 - 2) REQUIRED AT HEADER/SILL OR JAMBS TO SEAL THE END OF THE FRAME ASSEMBLY TUBE.
 - 3) ALL WINDOW TYPES AND FRAME ASSEMBLY TUBE ORIENTATIONS APPLICABLE, SEE SHEET 5.
 - 4) END CAP MAY REQUIRE IN-FIELD TRIMMING. STANDARD LENGTH IS 14".

FRAME ASSEMBLY TUBE NOTE:
REFER TO SHEET 5 FOR THROUGH-FRAME ANCHORAGE AND THIS SHEET FOR NAIL FIN ANCHORAGE DETAILS TYP. AT ALL FRAME ASSEMBLY TUBE ENDS BOTH HORIZONTAL AND VERTICAL

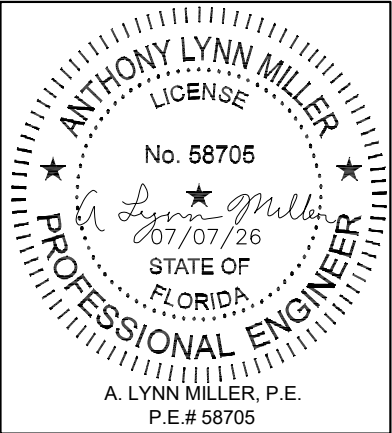
A= 63" MAX. FOR FIXED CASEMENT
A= 40" MAX. FOR CASEMENT
A= 60" MAX. FOR AWNING

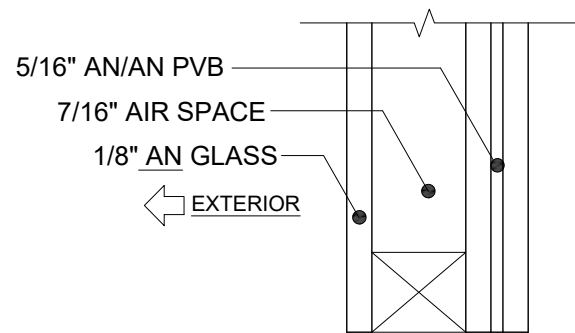


EXAMPLE CONFIGURATIONS WHEN USING THE FRAME ASSEMBLY TUBE/MULL. FOR TEES, CROSSES OR ASSEMBLIES WITH MORE THAN 4 UNITS USE THE CLIPPED, TUBE MULLION APPROVAL.

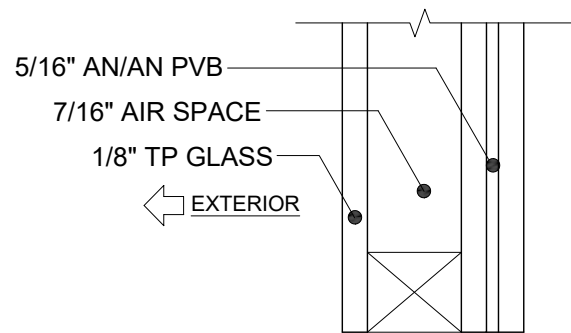
*UNDER SEPARATE APPROVAL

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PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		By	JENS ROSOWSKI
VINYL CASEMENT PICTURE WINDOW		FRAME ASSEMBLY TUBE DET. B		DWG No.	PW5540-LM-HVHZ
PW5540		6 OF 14		Sheet	

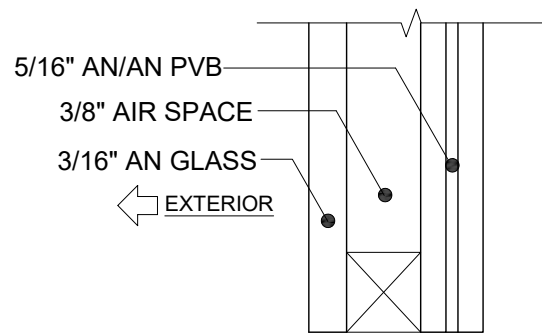




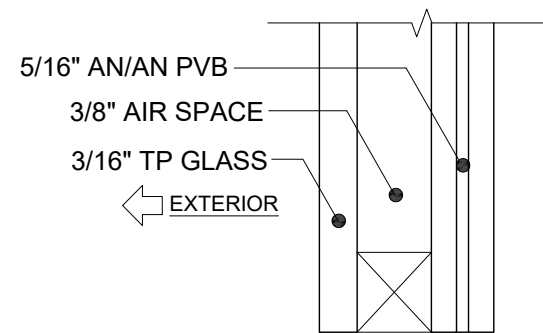
GLASS TYPE 7
7/8" NOM. GLASS STACK



GLASS TYPE 8
7/8" NOM. GLASS STACK

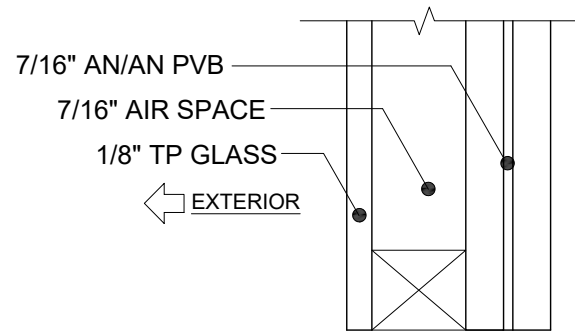


GLASS TYPE 9
7/8" NOM. GLASS STACK

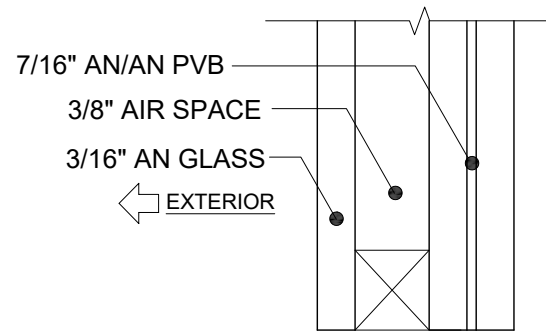


GLASS TYPE 10
7/8" NOM. GLASS STACK

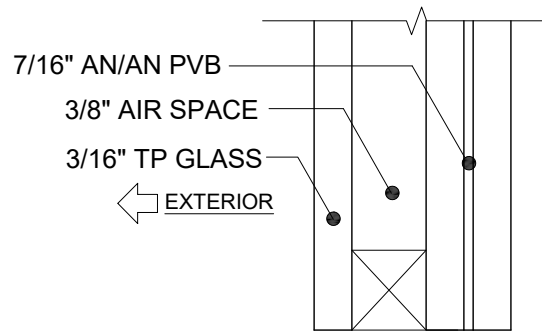
GLASS TYPES 7, 9, 12, & 14
MAY NOT BE USED IN THE
HVHZ ABOVE 30'.



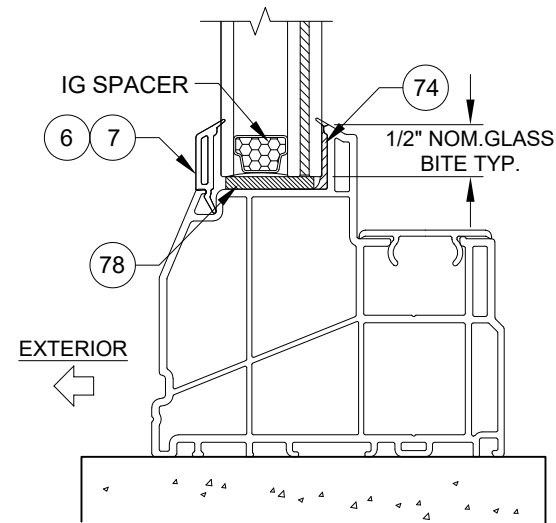
GLASS TYPE 11
1" NOM. GLASS STACK



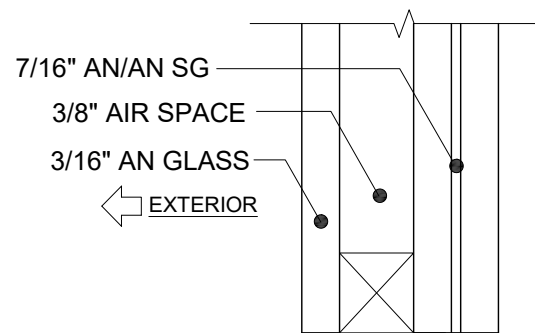
GLASS TYPE 12
1" NOM. GLASS STACK



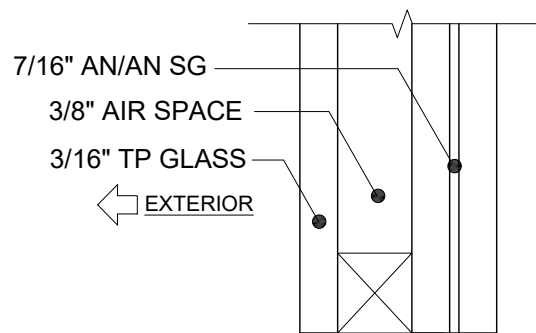
GLASS TYPE 13
1" NOM. GLASS STACK



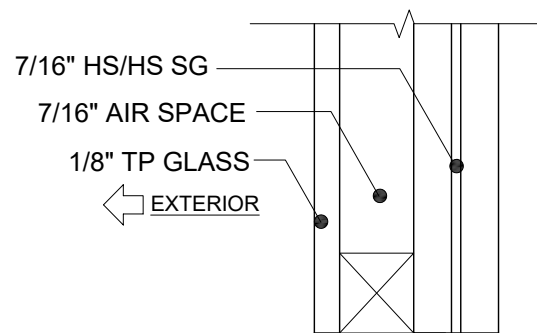
TYP. GLAZING DETAIL



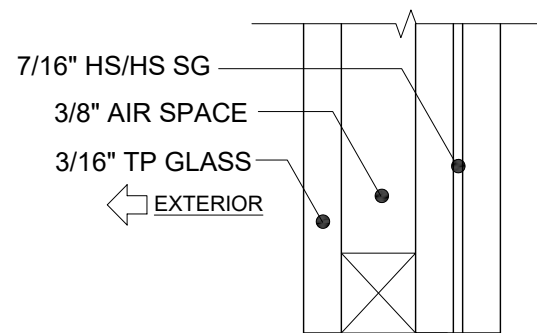
GLASS TYPE 14
1" NOM. GLASS STACK



GLASS TYPE 15
1" NOM. GLASS STACK



GLASS TYPE 16
1" NOM. GLASS STACK



GLASS TYPE 17
1" NOM. GLASS STACK

GLASS TYPES 14 THROUGH
17 MAY NOT BE USED WITH
J-CHANNEL OR INTEGRAL
FIN FRAMES

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PGT WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		VINYL CASEMENT PICTURE WINDOW		Drawn By	JENS ROSOWSKI
PW5540		GLASS TYPES		DWG No.	PW5540-LM-HVHZ
7 OF 14		Sheet			

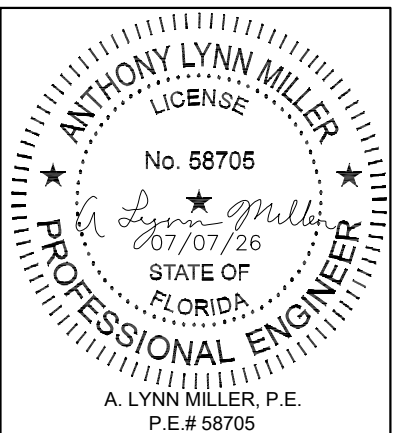
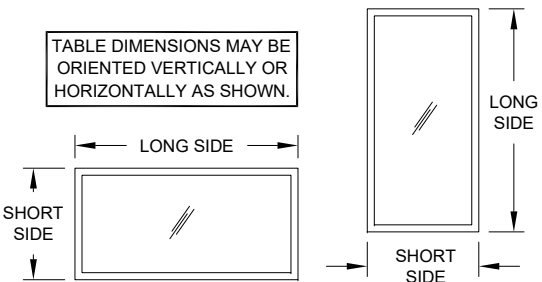


TABLE 6:

Window Design Pressure, (+/- psf)													Use this table for Glass Types:	9 & 10																															
3/16" A Cap - Airspace - 5/16" A/A with PVB																																													
3/16" T Cap - Airspace - 5/16" A/A with PVB																																													
Window Dimensions		Long Side (in)																																											
		60.926	64	66	68	70	74	77	80	84	87	92	97	99																															
Short Side (in)	32	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50																															
	34	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50																															
	36	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50																															
	38	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50																																
	40	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50																																	
	42	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50																																		
	44	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50																																			
	46	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50																																				
	48	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50																																					
	50	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50		<table><tr><td colspan="5">MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4</td><td colspan="5">MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4</td></tr><tr><td colspan="5">APPLIES TO A, B, C OR D ANCHORS (SEE TABLE 2)</td><td colspan="5">APPLIES TO E OR F ANCHORS (SEE TABLE 3)</td></tr><tr><td colspan="5">15"</td><td colspan="5">4"</td></tr></table>							MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4					MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4					APPLIES TO A, B, C OR D ANCHORS (SEE TABLE 2)					APPLIES TO E OR F ANCHORS (SEE TABLE 3)					15"					4"				
	MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4					MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4																																							
	APPLIES TO A, B, C OR D ANCHORS (SEE TABLE 2)					APPLIES TO E OR F ANCHORS (SEE TABLE 3)																																							
	15"					4"																																							
	52	+/-50	+/-50	+/-50	+/-50	+/-50																																							
54	+/-50	+/-50	+/-50	+/-50																																									
56	+/-50	+/-50	+/-50																																										
58	+/-50	+/-50																																											
60.926	+/-50																																												



Rev.#	
Date	
Rev.	

TABLE 7:

Window Design Pressure, (+/- psf)													Use this table for Glass Type:	11
1/8" T Cap - Airspace - 7/16" A/A with PVB														
Window Dimensions		Long Side (in)												
		60.926	64	66	68	70	74	77	80	84	87	92	97	99
Short Side (in)	32	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
	34	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
	36	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
	38	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	
	40	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	42	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70			
	44	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70				
	46	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70					
	48	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70						
	50	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4		MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4			
	52	+/-70	+/-70	+/-70	+/-70	+/-70								
	54	+/-70	+/-70	+/-70	+/-70				APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)		APPLIES TO F ANCHORS (SEE TABLE 3)			
	56	+/-70	+/-70	+/-70										
	58	+/-70	+/-70											
60.926	+/-70								15.5"		4"			

- NOTES:
- 1) "LONG & SHORT SIDES" REFER TO THE BUCK DIMENSION.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.
- 3) FOR ARCHITECTURAL WINDOWS (SEE SHEET 2), FIND THE SMALLEST SQUARE WINDOW SIZE IN THE TABLE(S) ABOVE WHICH THE ARCHITECTURAL WINDOW WILL COMPLETELY FIT WITHIN.

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By		Date		Title		Desc.		Series	
DWC		No.		Sheet		9 OF 14		PW5540	
DESIGN PRESSURE TABLES B		VINYL CASEMENT PICTURE WINDOW		REGISTRATION #29296		3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		PGT [®] WINDOWS and DOORS	
PW5540		9 OF 14		07/07/26		JENS ROSOWSKI		PW5540-LM-HVHZ	

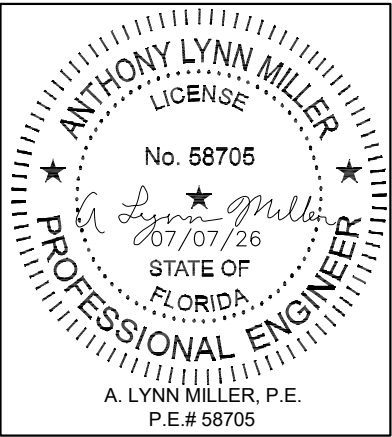


TABLE 8:

Window Design Pressure, (+/- psf)												Use this table for Glass Types:	12	
3/16" A Cap - Airspace - 7/16" A/A with PVB														
Window Dimensions		Long Side (in)												
		69.649	71	73	75	78	80	85	86	89	92	96	99	
Short Side (in)	32	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	
	34	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	
	36	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	
	38	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	
	40	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	
	42	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.5	+/-66.7	
	44	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.9	+/-66.4	+/-63.7	
	46	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.9	+/-67.4	+/-63.9	+/-61.7	
	48	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-67.8	+/-65.3	+/-61.9	+/-59.7	
	50	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.5	+/-68.5	+/-65.9	+/-63.4	+/-59.9		
	52	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-67.8	+/-66.9	+/-64.2	+/-61.6			
	54	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-66.2	+/-65.3	+/-62.5				
	56	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.2	+/-64.7	+/-63.8					
	57	+/-70	+/-70	+/-70	+/-70	+/-69.8	+/-68.1	+/-64						
	60	+/-70	+/-70	+/-70	+/-69.7	+/-67	+/-65.3	MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4			MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4			
	62	+/-70	+/-70	+/-69.9	+/-67.9	+/-65.2								
	64	+/-70	+/-70	+/-68.3	+/-66.3				APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)			APPLIES TO F ANCHORS (SEE TABLE 3)		
	66	+/-69.9	+/-68.9	+/-66.7										
	68	+/-68.4	+/-67.4											
	69.649	+/-67.1							15.5"			4"		

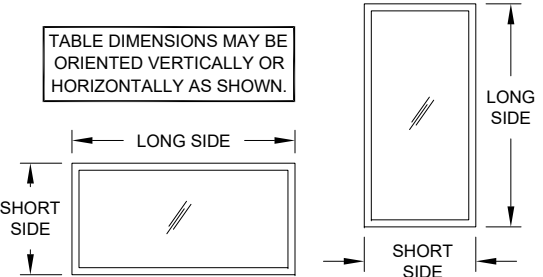


TABLE 9:

Window Design Pressure, (+/- psf)												Use this table for Glass Type:	13		
3/16" T Cap - Airspace - 7/16" A/A with PVB															
Window Dimensions		Long Side (in)													
		69.649	71	73	75	78	80	85	86	89	92	96	99		
Short Side (in)	32	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	34	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	36	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	38	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	40	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	42	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	44	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70		
	46	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-68.6		
	48	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-68.8	+/-66.3		
	50	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-66.6			
	52	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-68.5				
	54	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.5					
	56	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70						
	57	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70							
	60	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4		MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4		APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)		APPLIES TO F ANCHORS (SEE TABLE 3)	
	62	+/-70	+/-70	+/-70	+/-70	+/-70									
	64	+/-70	+/-70	+/-70	+/-70			15.5"		4"					
	66	+/-70	+/-70	+/-70											
	68	+/-70	+/-70												
	69.649	+/-70													

NOTES:
1) "LONG & SHORT SIDES" REFER TO THE BUCK DIMENSION.
2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.
3) FOR ARCHITECTURAL WINDOWS (SEE SHEET 2), FIND THE SMALLEST SQUARE WINDOW SIZE IN THE TABLE(S) ABOVE WHICH THE ARCHITECTURAL WINDOW WILL COMPLETELY FIT WITHIN.

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3400 PRECISION DRIVE
N. VENICE, FL 34275
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WINDOWS
and DOORS
3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600
REGISTRATION #29296

VINYL CASEMENT PICTURE WINDOW

DESIGN PRESSURE TABLES C

PW5540

07/07/26

JENS ROSOWSKI

10 OF 14

PW5540-LM-HVHZ

Rev. #

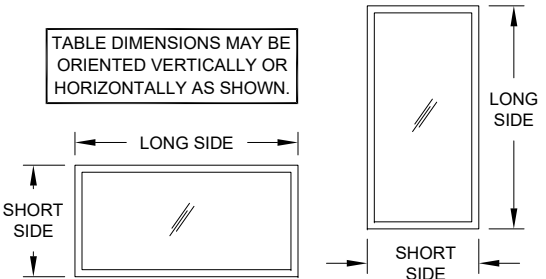
Date

Rev.

ANTHONY LYNN MILLER
LICENSE
No. 58705
07/07/26
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 10:

Window Design Pressure, (+/- psf)													Use this table for Glass Type:	14
3/16" A Cap - Airspace - 7/16" A/A with SG														
Window Dimensions		Long Side (in)												
		69.649	71	73	75	78	80	85	86	89	92	96	99	
Short Side (in)	32	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	
	34	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-109.4	+80/-108.3	+80/-107.6
	36	+80/-110	+80/-110	+80/-110	+80/-110	+80/-109.5	+80/-108.6	+80/-106.8	+80/-106.5	+80/-105.5	+80/-104.7	+80/-103.6	+80/-102.9	
	38	+80/-109.7	+80/-108.9	+80/-107.8	+80/-106.8	+80/-105.5	+80/-104.6	+80/-102.7	+80/-102.4	+80/-101.4	+80/-100.5	+80/-99.4	+80/-98.7	
	40	+80/-106.3	+80/-105.5	+80/-104.4	+80/-103.3	+80/-101.9	+80/-101	+80/-99.1	+80/-98.7	+80/-97.7	+80/-96.8	+80/-95.7	+80/-95	
	42	+80/-103.3	+80/-102.5	+80/-101.3	+80/-100.2	+80/-98.8	+80/-97.9	+80/-95.8	+80/-95.5	+80/-94.5	+80/-93.5	+80/-92.4	+80/-90.7	
	44	+80/-100.7	+80/-99.8	+80/-98.6	+80/-97.5	+80/-96	+80/-95	+80/-92.9	+80/-92.6	+80/-91.5	+80/-90.4	+80/-87.1	+80/-84.7	
	46	+80/-98.4	+80/-97.5	+80/-96.2	+80/-95	+80/-93.4	+80/-92.5	+80/-90.3	+80/-89.9	+80/-88.1	+80/-85.5	+80/-83.1	+80/-81.6	
	48	+80/-96.3	+80/-95.4	+80/-94.1	+80/-92.9	+80/-91.2	+80/-90.2	+80/-88	+80/-87.6	+80/-84.6	+80/-82.6	+80/-80.2	+/-78.6	
	50	+80/-94.6	+80/-93.6	+80/-92.2	+80/-90.9	+80/-89.2	+80/-88.2	+80/-85.4	+80/-84.5	+80/-82.4	+80/-80.2	+/-77.6		
	52	+80/-93	+80/-92	+80/-90.5	+80/-89.2	+80/-87.4	+80/-86.4	+80/-83.3	+80/-82.5	+80/-80.2	+/-78			
	54	+80/-91.7	+80/-90.6	+80/-89.1	+80/-87.7	+80/-85.8	+80/-84.7	+80/-81.3	+80/-80.4	+/-78.1				
	56	+80/-90.5	+80/-89.4	+80/-87.8	+80/-86.4	+80/-84.4	+80/-83.2	+/-79.3	+/-78.5					
	57	+80/-90	+80/-88.8	+80/-87.2	+80/-85.8	+80/-83.4	+80/-82	+/-78.4						
	60	+80/-87.2	+80/-86	+80/-84	+80/-82.5	+80/-80.1	+/-78.6	MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4			MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4			
	62	+80/-84.6	+80/-83.8	+80/-82.1	+80/-80.4	+/-78								
	64	+80/-82.9	+80/-82	+80/-80.1	+/-78.4									
	66	+80/-81.1	+80/-80.1	+/-78.3				APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)			NOT APPLICABLE			
	68	+/-79.3	+/-78.4											
69.649	+/-77.7						13.2"							



GLASS TYPES 14 THROUGH 17 MAY NOT BE USED WITH J-CHANNEL OR INTEGRAL FIN FRAMES.

TABLE 11:

Window Design Pressure, (+/- psf)													Use this table for Glass Type:	15			
3/16" T Cap - Airspace - 7/16" A/A with SG																	
Window Dimensions		Long Side (in)															
		77.76	79	81	83	86	87	91	94	96	99	104	107	111			
Short Side (in)	36	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110			
	40	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-109.9	+80/-108.5	+80/-107.5	+80/-106.9	+80/-106.1	+80/-104.8	+80/-104.1	+80/-103.3			
	42	+80/-110	+80/-109.8	+80/-108.8	+80/-107.9	+80/-106.7	+80/-106.3	+80/-104.8	+80/-103.8	+80/-103.2	+80/-100.8	+80/-97.7	+80/-96.4	+80/-94.8			
	44	+80/-107.3	+80/-106.7	+80/-105.7	+80/-104.7	+80/-103.4	+80/-103	+80/-101.4	+80/-98.6	+80/-96.7	+80/-94.1	+80/-91.4	+80/-90.3	+80/-89.2			
	48	+80/-102	+80/-101.3	+80/-100.3	+80/-99.2	+80/-97.3	+80/-96.2	+80/-92.5	+80/-90.4	+80/-89.2	+80/-87.3	+80/-84.4	+80/-82.7	+80/-80.5			
	50	+80/-99.8	+80/-99.1	+80/-98	+80/-96.9	+80/-93.9	+80/-93.1	+80/-89.9	+80/-87.7	+80/-86.2	+80/-84.3	+80/-81.1	+/-79.3	+/-77			
	51	+80/-98.8	+80/-98	+80/-96.9	+80/-95.8	+80/-92.8	+80/-92	+80/-88.7	+80/-86.4	+80/-85	+80/-82.8	+/-79.6	+/-77.7	+/-75.3			
	54	+80/-96.1	+80/-95.3	+80/-94	+80/-92.1	+80/-89.4	+80/-88.5	+80/-85.1	+80/-82.7	+80/-81.1	+/-78.9	+/-75.3	+/-73.2	+/-70.6			
	56	+80/-94	+80/-93.2	+80/-91.6	+80/-90.1	+80/-87.2	+80/-86.3	+80/-82.8	+80/-80.2	+/-78.6	+/-76.3	+/-72.5	+/-70.5				
	58	+80/-91.4	+80/-90.6	+80/-89	+80/-87.5	+80/-85.1	+80/-84.2	+80/-80.6	+/-78	+/-76.3	+/-73.8	+/-70.2					
	61	+80/-87.8	+80/-87	+80/-85.3	+80/-83.6	+80/-81.2	+80/-80.5	+/-77.3	+/-74.6	+/-72.8	+/-70.4						
	63	+80/-85.5	+80/-84.6	+80/-82.8	+80/-81.1	+/-78.8	+/-78	+/-74.8	+/-72.3	+/-70.6							
	64	+80/-84.4	+80/-83.5	+80/-81.7	+/-80	+/-77.5	+/-76.6	+/-73.5	+/-71.2								
	66	+80/-82.2	+80/-81.2	+/-79.4	+/-77.6	+/-75	+/-74.2	+/-71									
	68	+/-80	+/-79.1	+/-77.2	+/-75.4	+/-72.7	+/-71.9		MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4			MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4					
	70	+/-78	+/-77.1	+/-75	+/-73.2	+/-70.5											
	72	+/-76	+/-75	+/-73	+/-71.1				APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)			NOT APPLICABLE					
	74	+/-74.1	+/-73	+/-71													
	76	+/-72.2	+/-71.1						13.2"								
	77.76	+/-70.5															

ALLOWABLE ANCHOR GROUPS PER SHEET 2	MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEET 3
B, C OR D	13.2"

- NOTES:
- 1) "LONG & SHORT SIDES" REFER TO THE BUCK DIMENSION.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.
- 3) FOR ARCHITECTURAL WINDOWS (SEE SHEET 2), FIND THE SMALLEST SQUARE WINDOW SIZE IN THE TABLE(S) ABOVE WHICH THE ARCHITECTURAL WINDOW WILL COMPLETELY FIT WITHIN.

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VINYL CASEMENT PICTURE WINDOW

DESIGN PRESSURE TABLES D

PW5540

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PW5540-LM-HVHZ

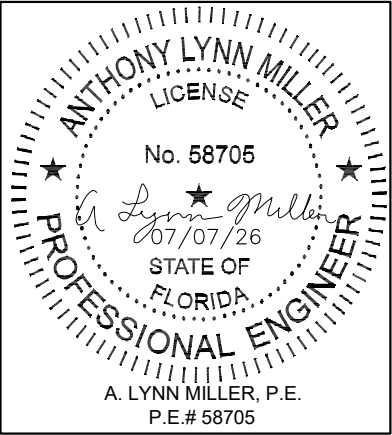
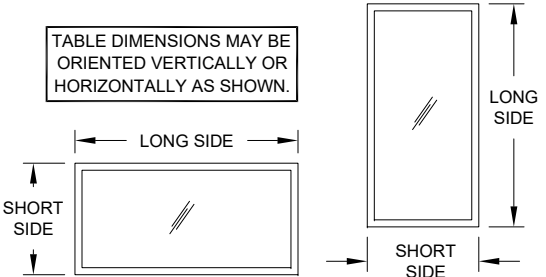


TABLE 12:

Window Design Pressure, (+/- psf)													Use this table for Glass Type:	15							
3/16" T Cap - Airspace - 7/16" A/A with SG																					
Window Dimensions		Long Side (in)																			
		77.76	79	81	83	86	87	91	94	96	99	104	107	111							
Short Side (in)	36	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85							
	40	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-84.6							
	42	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-85	+70/-84.4	+70/-83.9	+70/-83.1	+70/-82.1	+70/-81.5	+70/-80.8							
	44	+70/-85	+70/-85	+70/-85	+70/-85	+70/-84	+70/-83.7	+70/-82.5	+70/-81.6	+70/-81.1	+70/-80.4	+70/-79.3	+70/-78.7	+70/-78							
	48	+70/-82.9	+70/-82.3	+70/-81.5	+70/-80.6	+70/-79.5	+70/-79.2	+70/-77.9	+70/-77	+70/-76.4	+69.8/-75.7	+68.8/-74.5	+68.2/-73.9	+67.5/-73.1							
	50	+70/-81.1	+70/-80.5	+70/-79.6	+70/-78.7	+70/-77.6	+70/-77.2	+70/-75.9	+69.2/-75	+68.7/-74.4	+68/-73.6	+66.9/-72.4	+66.3/-71.8	+65.6/-71							
	51	+70/-80.3	+70/-79.7	+70/-78.7	+70/-77.9	+70/-76.7	+70/-76.3	+69.2/-75	+68.3/-74	+67.8/-73.5	+67.1/-72.7	+66/-71.5	+65.4/-70.8	+64.6/-70							
	54	+70/-78.1	+70/-77.4	+70/-76.4	+69.7/-75.5	+68.6/-74.3	+68.2/-73.9	+66.9/-72.4	+66/-71.5	+65.4/-70.9	+64.7/-70.1	+63.5/-68.8	+62.9/-68.1	+62.1/-67.3							
	56	+70/-76.8	+70/-76.1	+69.3/-75.1	+68.4/-74.1	+67.2/-72.8	+66.9/-72.4	+65.5/-71	+64.6/-70	+64/-69.4	+63.2/-68.5	+62.1/-67.2	+61.4/-66.5								
	58	+69.8/-75.6	+69.2/-74.9	+68.2/-73.9	+67.3/-72.9	+66.1/-71.6	+65.7/-71.2	+64.3/-69.6	+63.3/-68.6	+62.7/-68	+61.9/-67.1	+60.7/-65.8									
	61	+68.5/-74.2	+67.8/-73.5	+66.8/-72.3	+65.8/-71.3	+64.5/-69.9	+64.1/-69.5	+62.6/-67.8	+61.6/-66.8	+61/-66.1	+60.2/-65.2										
	63	+67.8/-73.4	+67/-72.6	+66/-71.5	+65/-70.4	+63.6/-68.9	+63.2/-68.5	+61.7/-66.8	+60.6/-65.7	+60/-65											
	64	+67.4/-73.1	+66.7/-72.3	+65.6/-71.1	+64.6/-70	+63.2/-68.5	+62.8/-68	+61.2/-66.3	+60.2/-65.2												
	66	+66.9/-72.4	+66.1/-71.6	+64.9/-70.3	+63.9/-69.2	+62.4/-67.6	+62/-67.2	+60.4/-65.4													
	68	+66.4/-71.9	+65.6/-71	+64.4/-69.7	+63.3/-68.5	+61.8/-66.9	+61.3/-66.4		<table><tr><td>MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4</td><td>MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4</td></tr><tr><td>NOT APPLICABLE</td><td>APPLIES TO F ANCHORS (SEE TABLE 3)</td></tr><tr><td colspan="2">4"</td></tr></table>							MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4	MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4	NOT APPLICABLE	APPLIES TO F ANCHORS (SEE TABLE 3)	4"	
	MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4	MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4																			
	NOT APPLICABLE	APPLIES TO F ANCHORS (SEE TABLE 3)																			
	4"																				
70	+66/-71.5	+65.1/-70.6	+63.9/-69.2	+62.7/-68	+61.2/-66.3																
72	+65.7/-71.2	+64.8/-70.2	+63.5/-68.8	+62.3/-67.5																	
74	+65.5/-70.9	+64.6/-69.9	+63.2/-68.4																		
76	+65.4/-70.8	+64.4/-69.8																			
77.76	+65.3/-70.5																				

TABLE 12 MAY ONLY BE USED WITH J-CHANNEL OR INTEGRAL FIN FRAMES.



NOTES:
1) "LONG & SHORT SIDES" REFER TO THE BUCK DIMENSION.
2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.
3) FOR ARCHITECTURAL WINDOWS (SEE SHEET 2), FIND THE SMALLEST SQUARE WINDOW SIZE IN THE TABLE(S) ABOVE WHICH THE ARCHITECTURAL WINDOW WILL COMPLETELY FIT WITHIN.

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VINYL CASEMENT PICTURE WINDOW

DP TABLES E

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4"

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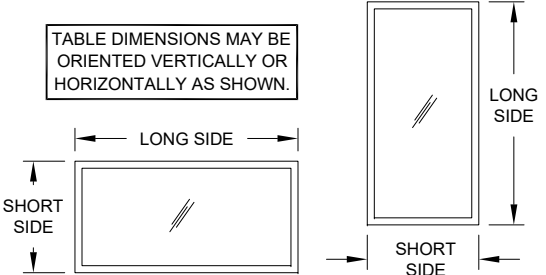
Rev. #

Date

Rev.

TABLE 13:

Window Design Pressure, (+/- psf)														Use this table for Glass Type:	16
1/8" T Cap - Airspace - 7/16" H/H with SG															
Window Dimensions		Long Side (in)													
		60.926	64	66	68	70	74	77	80	84	87	92	97	99	
Short Side (in)	32	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	
	34	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	
	36	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	
	38	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110		
	40	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110			
	42	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110				
	44	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110					
	46	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110						
	48	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110							
	50	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110		MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4				MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4		
	52	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110									
	54	+80/-110	+80/-110	+80/-110	+80/-110				APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)				NOT APPLICABLE		
	56	+80/-110	+80/-110	+80/-110											
	58	+80/-110	+80/-110						11.8"						
60.926	+80/-110														



GLASS TYPES 14 THROUGH 17 MAY NOT BE USED WITH J-CHANNEL OR INTEGRAL FIN FRAMES.

TABLE 14:

Window Design Pressure, (+/- psf)																		Use this table for Glass Type:	17
3/16" T Cap - Airspace - 7/16" H/H with SG																			
Window Dimensions		Long Side (in)																	
		77.76	79	81	83	86	87	91	94	96	99	104	107	111	118	120	125	136	144
Short Side (in)	36	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110
	40	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110
	42	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110
	44	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	
	48	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110		
	50	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110			
	51	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110				
	54	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110					
	56	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110						
	58	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110							
	61	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110								
	63	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110									
	64	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110										
	66	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110											
	68	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110												
	70	+80/-110	+80/-110	+80/-110	+80/-110	+80/-110									MAX. O.C. SPACING IF ANCHORING THROUGH THE FRAME PER SHEETS 3 & 4		MAX. O.C. SPACING IF ANCHORING THROUGH THE INTEGRAL FIN PER SHEET 4		
	72	+80/-110	+80/-110	+80/-110	+80/-110														
	74	+80/-110	+80/-110	+80/-110											APPLIES TO B, C OR D ANCHORS (SEE TABLE 2)		NOT APPLICABLE		
	76	+80/-110	+80/-110																
	77.76	+80/-110													9"				

NOTES:
1) "LONG & SHORT SIDES" REFER TO THE BUCK DIMENSION.
2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.
3) FOR ARCHITECTURAL WINDOWS (SEE SHEET 2), FIND THE SMALLEST SQUARE WINDOW SIZE IN THE TABLE(S) ABOVE WHICH THE ARCHITECTURAL WINDOW WILL COMPLETELY FIT WITHIN.

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VINYL CASEMENT PICTURE WINDOW

DESIGN PRESSURE TABLE E

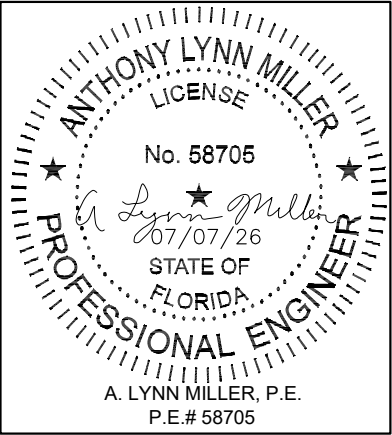
PW5540

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13 OF 14

PW5540-LM-HVHZ



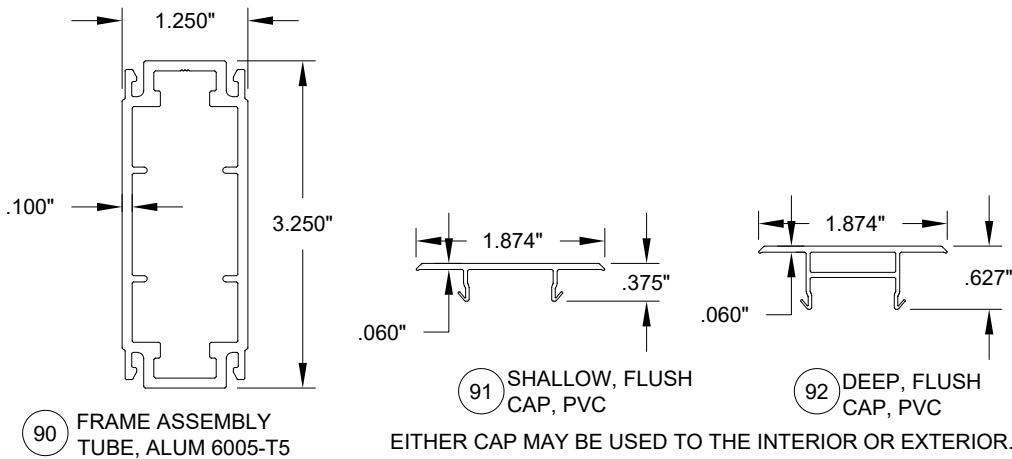
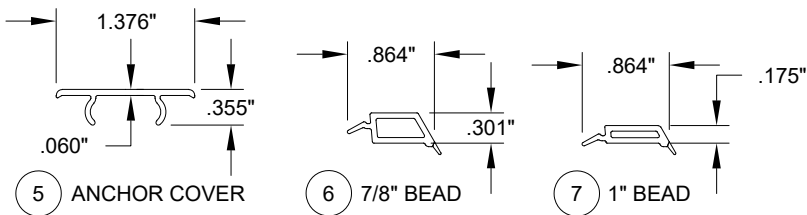
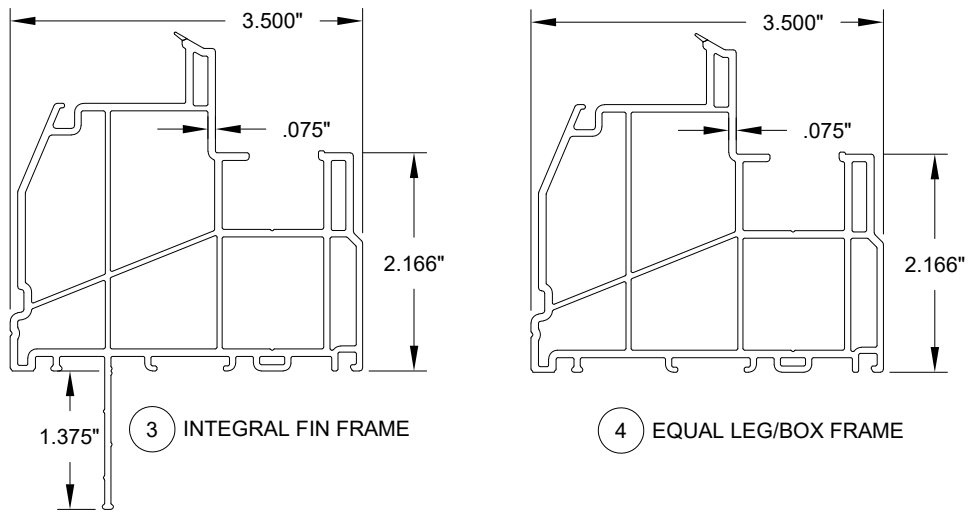
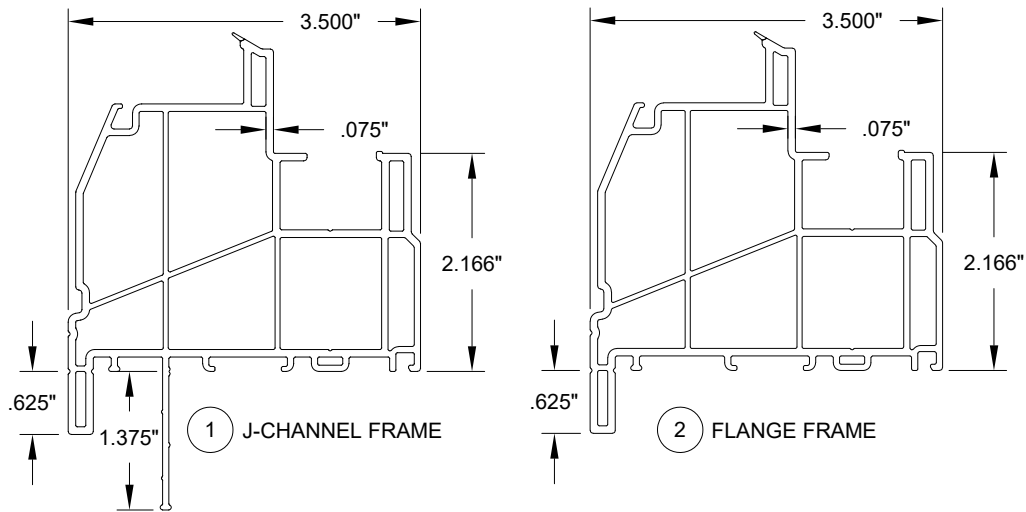
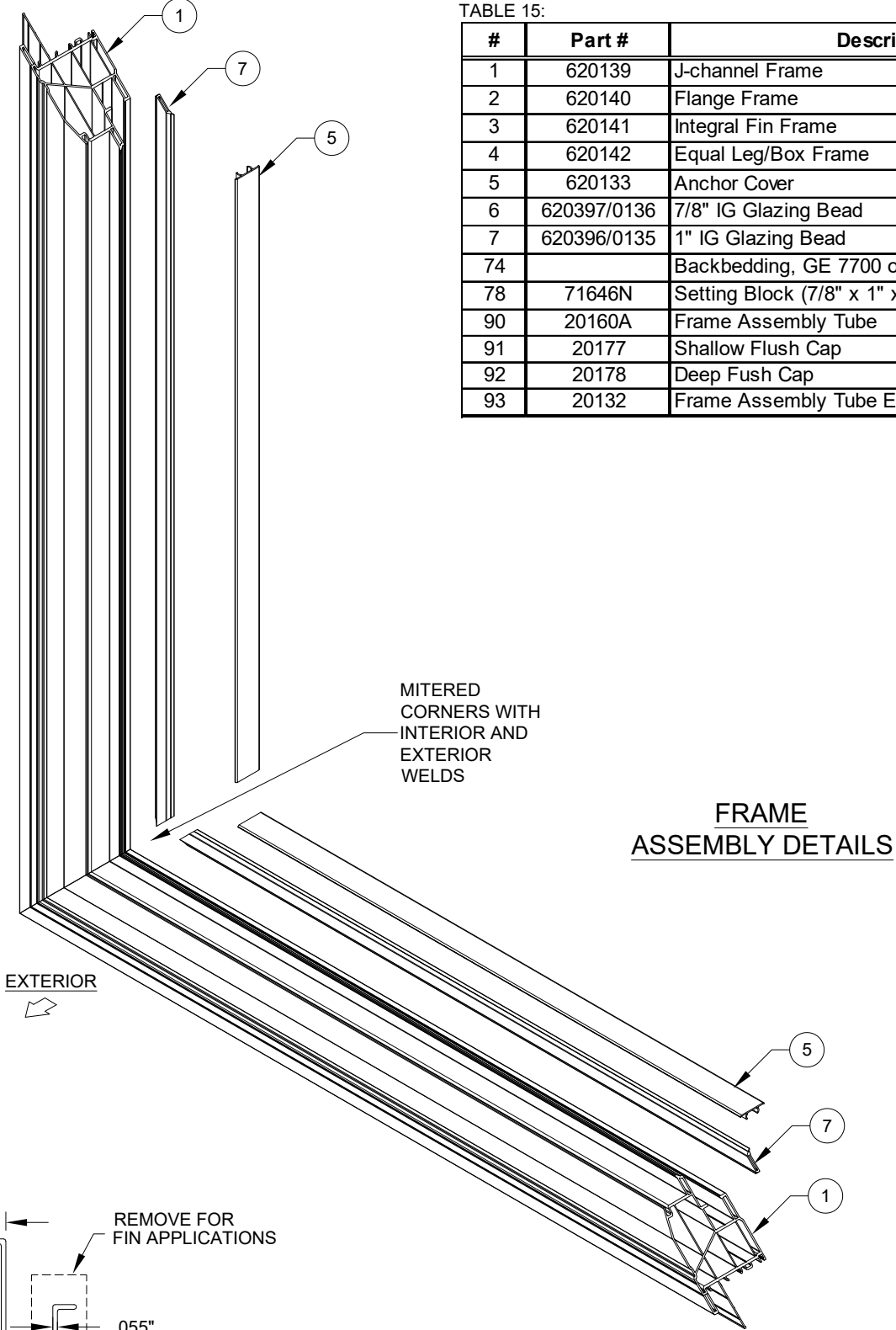


TABLE 15:

#	Part #	Description	Material
1	620139	J-channel Frame	PVC
2	620140	Flange Frame	PVC
3	620141	Integral Fin Frame	PVC
4	620142	Equal Leg/Box Frame	PVC
5	620133	Anchor Cover	PVC
6	620397/0136	7/8" IG Glazing Bead	PVC/ABS
7	620396/0135	1" IG Glazing Bead	PVC/ABS
74		Backbedding, GE 7700 or Dow 791 or Dow 983	Silicone
78	71646N	Setting Block (7/8" x 1" x 1/8"), 85 +/- 5 duro.	PVC
90	20160A	Frame Assembly Tube	Alum. 6005-T5
91	20177	Shallow Flush Cap	PVC
92	20178	Deep Fush Cap	PVC
93	20132	Frame Assembly Tube End Cap	PVC



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VINYL CASEMENT PICTURE WINDOW

By
JENS ROSOWSKI

Date
07/07/26

BOM, EXTRUSIONS & ASSEMBLY

PW5540

14 OF 14

PW5540-LM-HVHZ

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