

SERIES PW740, IMPACT RESISTANT,
ALUMINUM CASEMENT PICTURE WINDOW

FLORIDA PRODUCT APPROVAL #5012

- 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.
- 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.

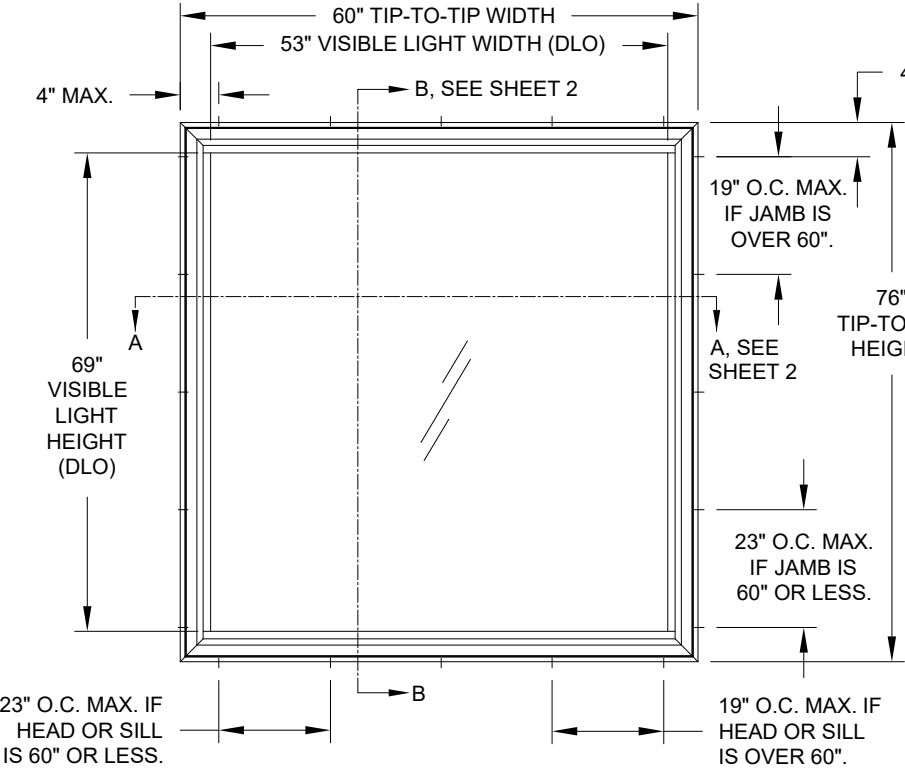
ALL TEMPERED AND/OR LAMINATED GLASS OPTIONS IN THIS APPROVAL HAVE BEEN CERTIFIED BY THE SGCC FOR COMPLIANCE TO ANSI Z97.1, CLASS A AND CPSC 16 CFR 1201, CATEGORY II. THIS INCLUDES LAMINATED GLASS THAT IS MANUFACTURED WITH ANNEALED GLASS PLIES. FOR APPLICATIONS WHERE THE WINDOW IS BEING USED AS A GUARD, HEAT STRENGTHENED OR TEMPERED LAMINATED GLASS MUST BE USED.

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.

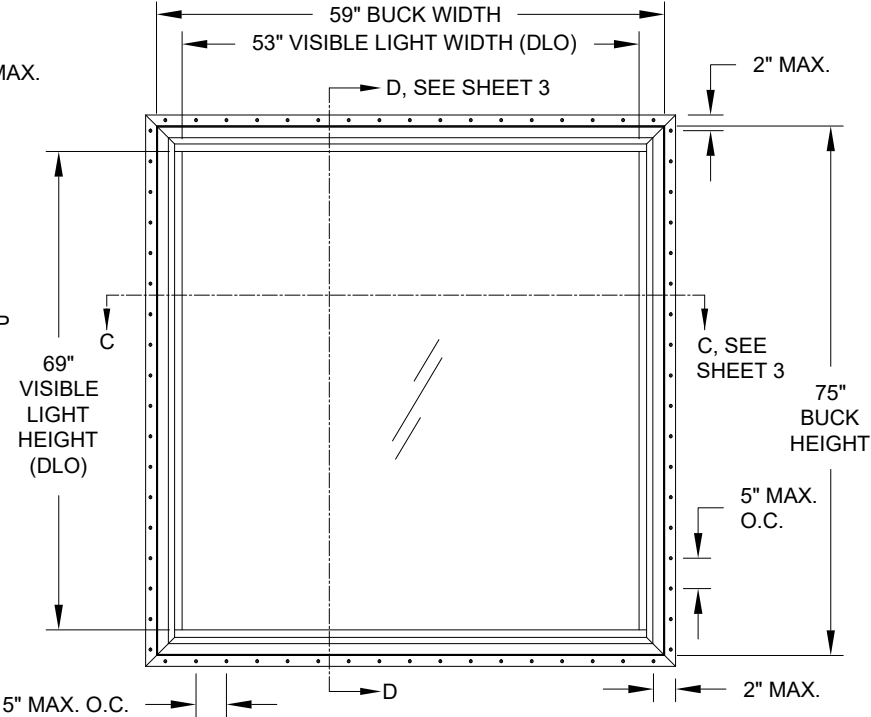
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VISIBLE LIGHT FORMULAS

WIDTH: BUCK WIDTH - 6
HEIGHT: BUCK HEIGHT - 6

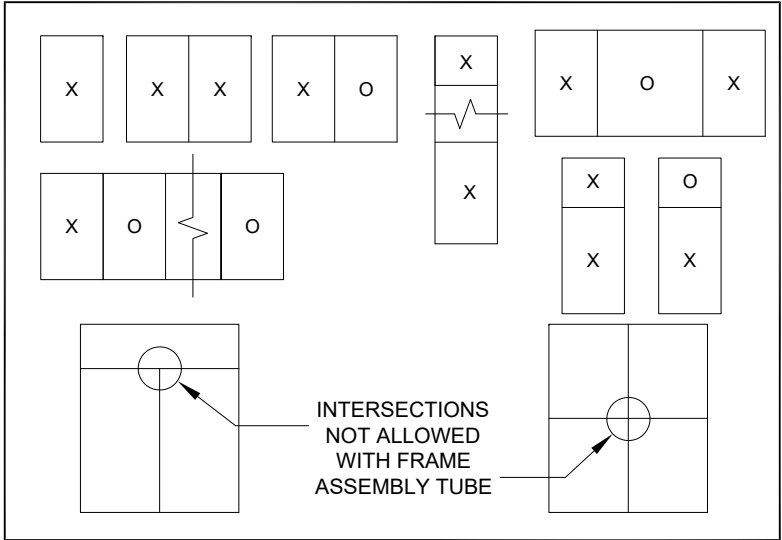


TYP. FLANGE FRAME ELEVATION



TYP. FIN FRAME ELEVATION

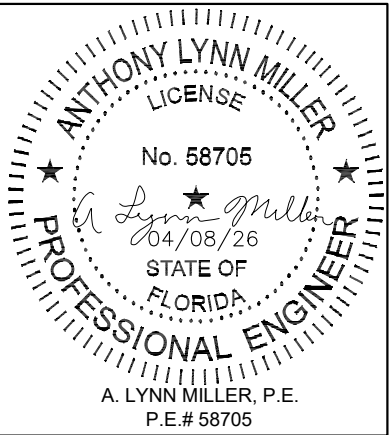
SAMPLE CONFIGURATIONS:

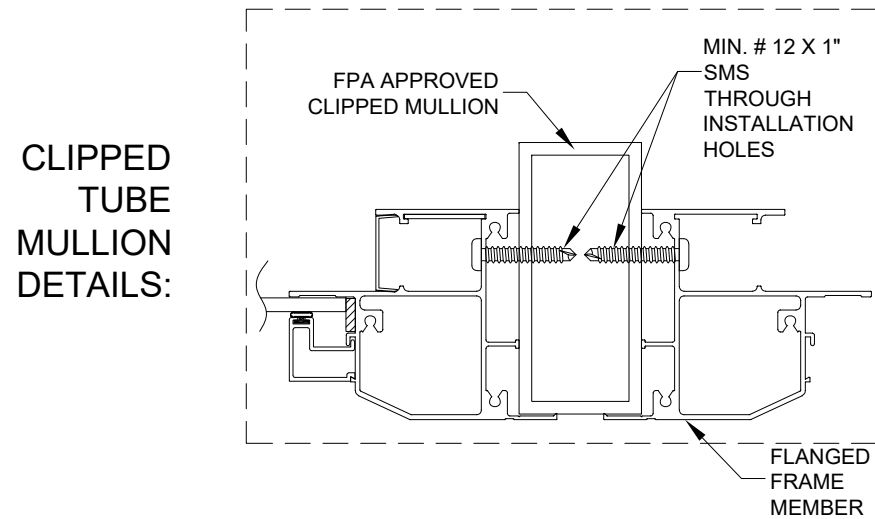
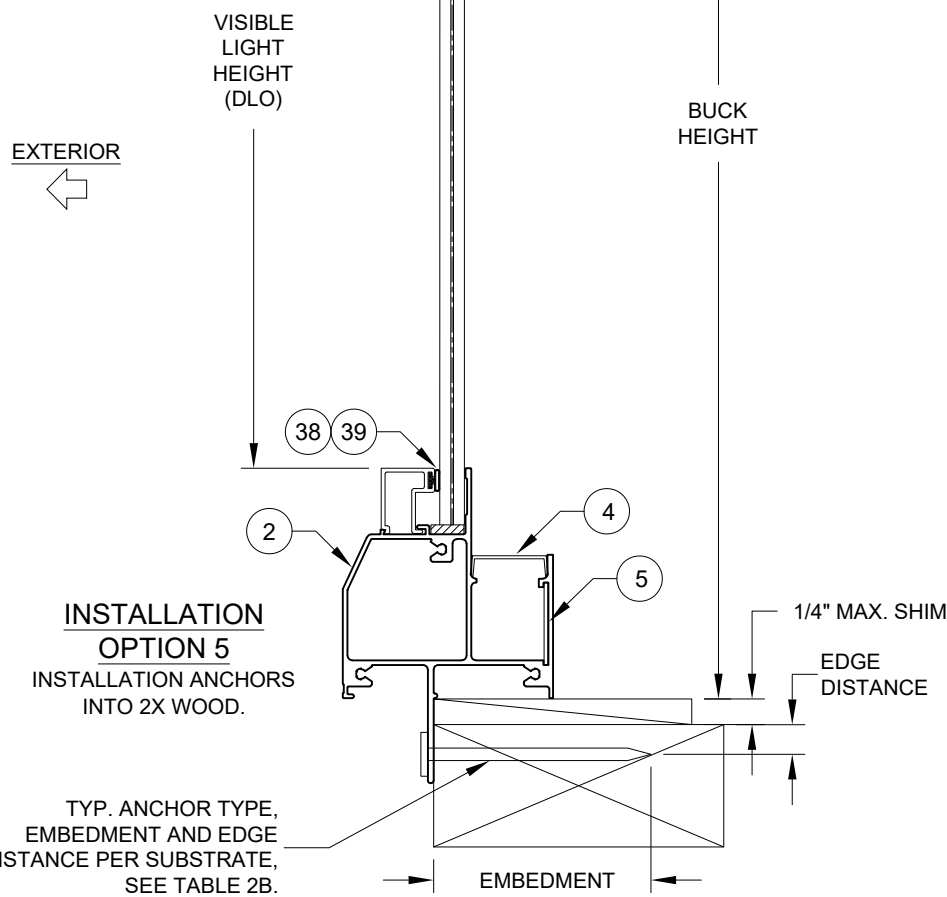
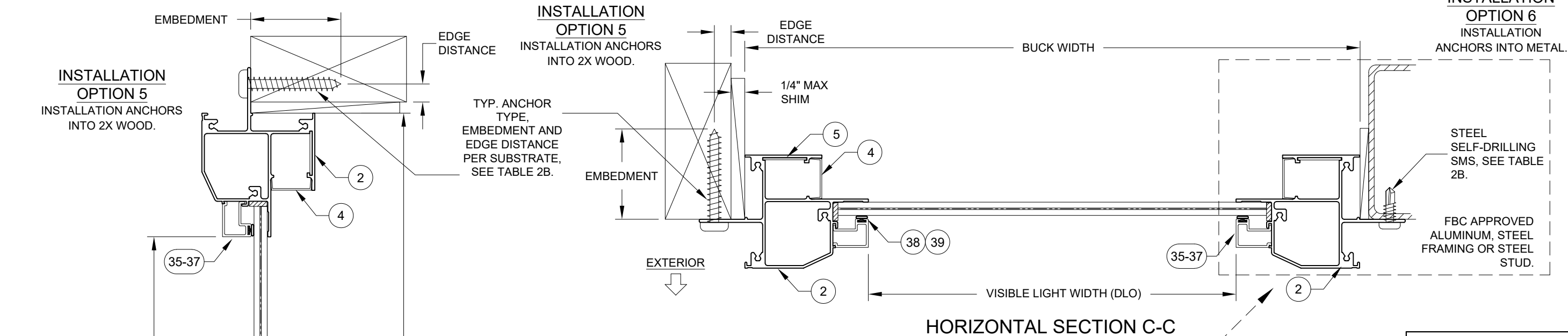


OPERABLE (X) WINDOWS MAY BE CASEMENT OR AWNING WINDOWS OF THE SAME SERIES.

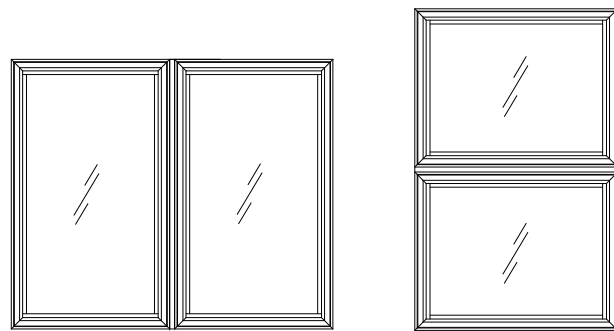
DESIGN PRESSURE RATING SEE TABLES 5-16
WATER TEST PRESSURE 15% OF (+) DP
IMPACT RATING LARGE AND SMALL MISSILE IMPACT RESISTANT MISSILE LEVEL D, WIND ZONE 4

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PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	ALUMINUM CASEMENT PICTURE WINDOW	GENERAL NOTES & ELEVATION	1 OF 14
			PW740





FRAME ASSEMBLY TUBE (FAT) DETAILS:

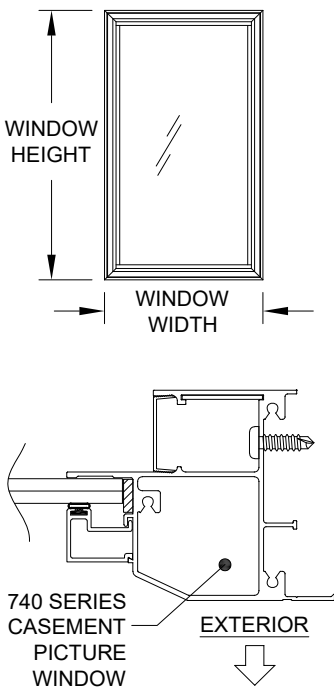


WHEN INSTALLING FIN FRAME COMBINATION UNITS, ADDITIONAL INSTALLATION ANCHORS THROUGH THE FIN ARE NOT REQUIRED. INSTALL EACH WINDOW AS PER SHEETS 1 & 4.

- INSTALLATION NOTES:
- 1) USE ONLY ANCHORS LISTED ON TABLE 3B. 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 INSTALL. DETAILS		PW740		JENS ROSOWSKI	
3 OF 14		PW740-LM-HVHZ		Date	
A. LYNN MILLER, P.E. P.E.# 58705		ANTHONY LYNN MILLER LICENSE No. 58705 04/08/26 STATE OF FLORIDA PROFESSIONAL ENGINEER		Rev.	

CASEMENT PICTURE WINDOW (O)

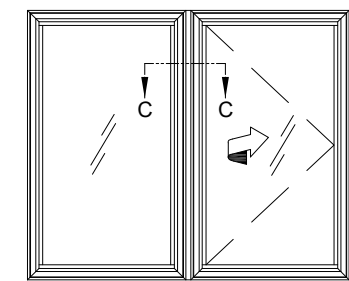


FOR SINGLE UNITS:

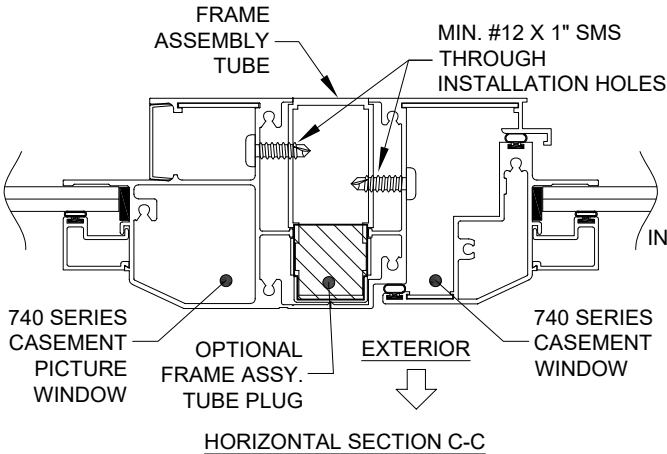
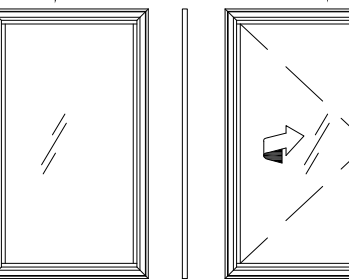
- 1) DETERMINE YOUR WINDOW SIZE, FRAME TYPE, AND GLASS.
- 2) KNOWING YOUR ANCHOR TYPE AND SUBSTRATE, DETERMINE YOUR ANCHOR GROUP FROM TABLES 3 & 4
- 3) FROM TABLES 5-16, FIND THE PRODUCT'S DESIGN PRESSURE FROM THE TABLE LABELED "DESIGN PRESSURE (PSF) FOR SINGLE WINDOWS.
- 4) DIMENSIONS SHOWN ARE TIP-TO-TIP. FOR NAIL FIN WINDOWS, SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLES TO DETERMINE THE WINDOW SIZE. FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLES.
- 5) FOR FLANGE FRAMES, USING THE TABLES LABELED "WINDOW ANCHORS REQUIRED" (TABLES 2A & 2B), DETERMINE THE NUMBER OF ANCHORS NEEDED IN THE HEAD, SILL AND JAMBS OF YOUR WINDOW.
- 6) INSTALL AS PER THE INSTRUCTIONS ON SHEETS 2 & 3.

CASEMENT PICTURE WINDOW / CASEMENT (OX)

FIGURE 1:



740 SERIES CASEMENT PICTURE WINDOW
FRAME ASSEMBLY TUBE
740 SERIES CASEMENT WINDOW*



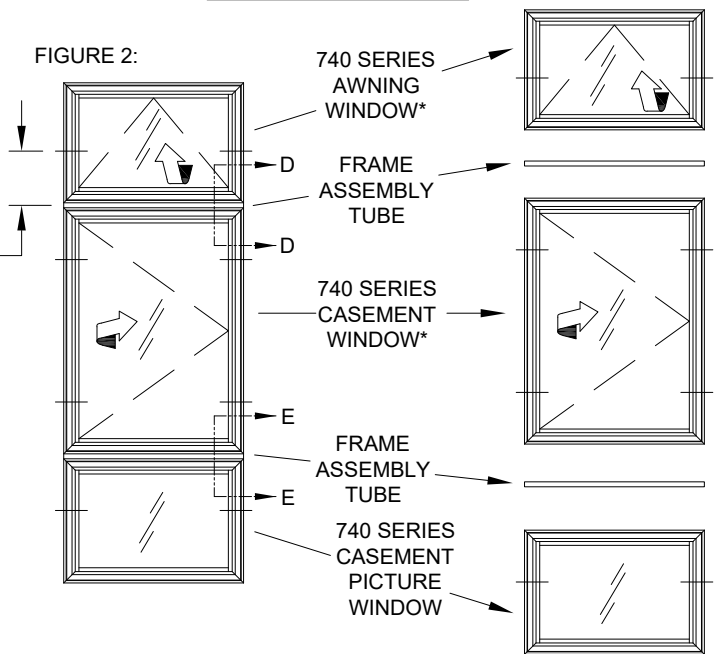
HORIZONTAL SECTION C-C

FOR EACH WINDOW IN A COMBINED ASSEMBLY:

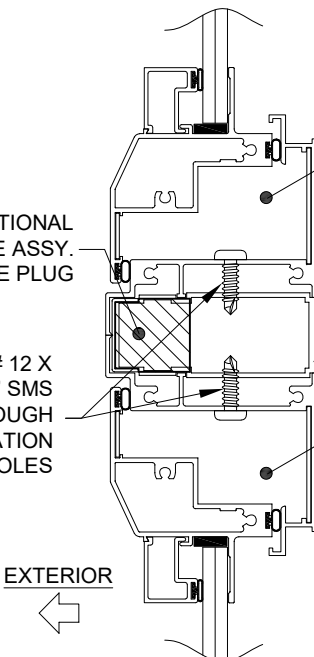
- 1) DETERMINE EACH INDIVIDUAL WINDOW TYPE, SIZE AND GLASS MAKEUP, SEE FIGURES 1 & 2, THIS SHEET. DETERMINE YOUR ANCHOR GROUP FROM TABLES 3 & 4.
- 2) FIND THE DESIGN PRESSURE FROM THE TABLES LABELED "DESIGN PRESSURE (PSF) FOR WINDOWS ATTACHED TO A FRAME ASSEMBLY TUBE". THIS MUST BE DONE FOR EACH WINDOW IN THE ASSEMBLY, AND THE LOWEST DESIGN PRESSURE APPLIES TO THE ENTIRE ASSEMBLY. DIMENSIONS SHOWN ARE TIP-TO-TIP. FOR NAIL FIN WINDOWS, SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLES TO DETERMINE THE WINDOW SIZE. FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLES.
- 3) FOR FLANGE FRAMES, USING THE TABLE LABELED "WINDOW ANCHORS REQUIRED" (TABLES 2A & 2B), DETERMINE THE NUMBER OF ANCHORS NEEDED IN THE HEAD, SILL AND JAMBS OF YOUR WINDOW.
- 4) INSTALL AS PER THE INSTRUCTIONS ON SHEETS 2-3. NOTE THAT ADDITIONAL ANCHORS THROUGH THE WINDOW FRAME INTO THE SUBSTRATE MAY BE REQUIRED (SEE SHEET 2), AND THAT MIN. # 12 X 1" ANCHORS ARE TO BE USED THROUGH THE FRAME INTO THE FRAME ASSEMBLY TUBE (SEE DETAILS ON THIS SHEET).

AWNING / CASEMENT / CASEMENT PICTURE WINDOW (XXO)

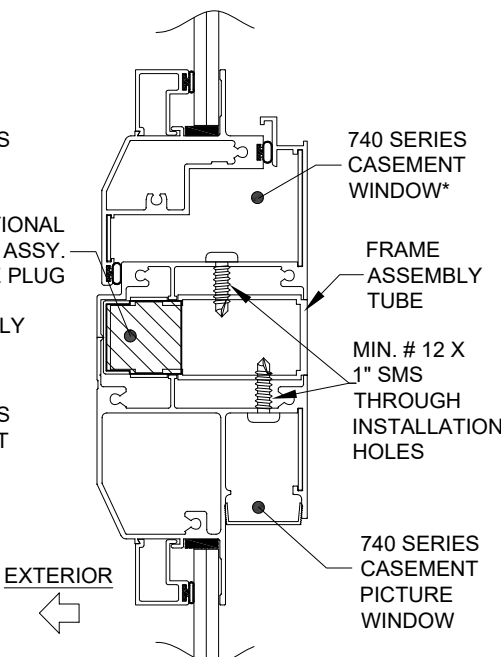
FIGURE 2:



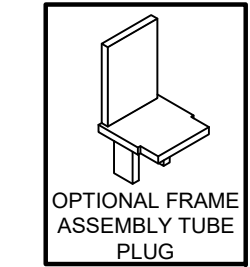
*SEE PRODUCT'S FPA FOR INSTALLATION SPECS



VERTICAL SECTION D-D



VERTICAL SECTION E-E



FRAME ASSEMBLY TUBE NOTES:

- 1) DIMENSIONS SHOWN ARE TIP-TO-TIP DIMENSIONS FOR EACH INDIVIDUAL WINDOW. FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLES.
- 2) ANY 740-SERIES PRODUCT (CASEMENT, AWNING OR FIXED CASEMENT) MAY BE ATTACHED TO THE FRAME ASSEMBLY TUBE. FOR ALL WINDOWS, USE THE WINDOW'S FPA FOR ANCHORAGE, SIZE AND DESIGN PRESSURE LIMITATIONS.
- 3) ALL WINDOWS IN THE COMBINATION UNIT MUST BE ABLE TO INDIVIDUALLY COMPLY WITH THE REQUIREMENTS OF THEIR RESPECTIVE FPA.
- 4) FRAME ASSEMBLY TUBE TO BE FASTENED TO WINDOW, AS SHOWN IN DETAILS, WITH MIN. #12 X 1" SHEET METAL SCREWS. FOR FLANGE FRAME, USE THE SAME SPACING AND QUANTITY AS THE OPPOSITE FRAME MEMBER. FOR INTEGRAL FIN FRAME COMBINATION UNITS, FLANGE FRAME IS USED AT THE FRAME ASSEMBLY TUBE WITH ANCHOR GROUP D SPACING.
- 5) THE FRAME ASSEMBLY TUBE MAY NOT EXCEED 62" IN LENGTH (AS USED IN A 63" FLANGED WINDOW) OR BE USED IN TEE OR CROSS CONFIGURATIONS.
- 6) THE FRAME ASSEMBLY TUBE IS NOT REQUIRED TO BE CLIPPED TO THE SUBSTRATE. ALL EXTERIOR JOINTS TO BE SEALED BY INSTALLER.
- 7) FOR FLANGE FRAME COMBINATION UNITS, ADDITIONAL INSTALLATION ANCHORS MAY NEED TO BE INSTALLED THROUGH THE WINDOW FRAMES AT 10" MAX. FROM EACH SIDE OF THE FRAME ASSEMBLY TUBE CENTERLINE, SEE TABLE 1B. NO ADDITIONAL ANCHORS REQUIRED FOR FIN FRAME COMBINATION UNITS.

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				PW740-LM-HVHZ	
				4 OF 14	
				PW740	
				FRAME ASSEMBLY TYPE	
				DETAILS	
				PW740	

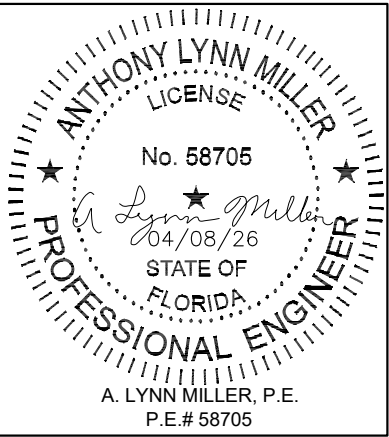


TABLE 2A: THROUGH FRAME ANCHORS

Group	Anchor	Substrate	Min. Edge Distance	Min. O.C. Distance	Min. Embedment	Anchor Plate Required?
A	#12 or #14 SMS Carbon Steel or 18-8, 316, 410 SS	Southern Pine (SG=0.55)	5/8"	1"	1-3/8"	No
		6063-T5 Alum.	3/8"	5/8"	.063"	No
		A36 Steel	3/8"	5/8"	.050"	No
		A653 Stud, Gr. 33	3/8"	5/8"	.045", 20 Ga.	No
	1/4" Steel Ultracon+	3k Concrete	1"	3"	1-3/4"	No
		UngROUTED CMU, (ASTM C-90)	1"	3"	1-1/4"	No
		Southern Pine (SG=0.55)	1"	1"	1-3/8"	No
B	1/4" Steel Ultracon	2.85k Concrete	2-1/2"	4"	1-3/8"	No
		UngROUTED CMU, (ASTM C-90)	1"	6"	1-1/4"	No
			2-1/2"	5"	1-1/4"	No
C	1/4" Steel Ultracon+	3k Concrete	1"	4"	1-3/8"	Yes
		UngROUTED CMU, (ASTM C-90)	1"	3"	1-1/4"	Yes
	1/4" 410 SS CreteFlex	3.35k Concrete	1"	5"	1-3/4"	No
		UngROUTED CMU, (ASTM C-90)	2-1/2"	5"	1-1/4"	No
	1/4" 304 SS Aggre-Gator	UngROUTED CMU, (ASTM C-90)	2"	3"	1-1/4"	Yes
D	#12 or #14 SMS Carbon Steel or 18-8, 316, 410 SS	Southern Pine (SG=0.55)	5/8"	1"	1-3/8"	Yes
		6063-T5 Alum.	3/8"	5/8"	.0713"	Yes
		A36 Steel	3/8"	5/8"	.050"	Yes
		A653 Stud, Gr. 33	3/8"	5/8"	.045", 18 Ga.	Yes
	1/4" 410 SS CreteFlex	3.35k Concrete	1"	6"	1-3/4"	Yes
		3.35k Concrete	2-1/2"	6"	1"	Yes
		UngROUTED CMU, (ASTM C-90)	2-1/2"	6"	1-1/4"	Yes
	5/16" Steel Ultracon	3.5k Concrete	1-1/4"	5"	1-3/4"	No
		UngROUTED CMU, (ASTM C-90)	3-1/8"	5"	1-1/4"	No
		Grouted CMU, (ASTM C-90)	2-1/2"	5"	1-3/4"	No
	1/4" Steel Ultracon+	3k Concrete	1-5/16"	4"	1-3/8"	Yes
		UngROUTED CMU, (ASTM C-90)	1-3/4"	3"	1-1/4"	Yes
		Southern Pine (SG=0.55)	1"	1"	1-3/8"	Yes
	1/4" 304 SS Aggre-Gator	2.22k Concrete	1-1/2"	3"	1-3/8"	Yes
		Grouted CMU, (ASTM C-90)	2"	3"	2"	Yes

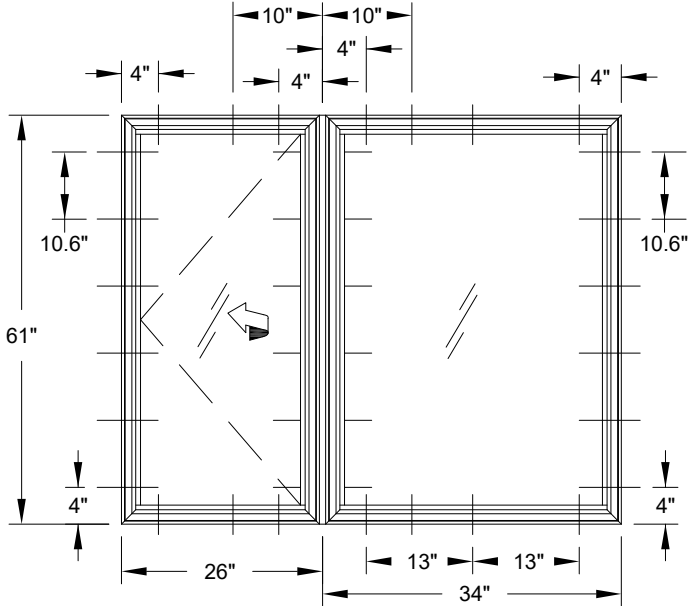
- 1) MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.
2) ALL SCREWHEAD TYPES ARE APPLICABLE.
3) 18-8 FASTENERS SHALL BE MANUFACTURED FROM TYPE 304 OR 305 STAINLESS STEEL PER ASTM A240.
4) IF COMBINING ANCHOR TYPES FROM DIFFERENT ANCHOR GROUPS ON THE SAME UNIT, THE GREATER ANCHOR QUANTITY FROM EITHER GROUP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

TABLE 2B: THROUGH-FIN ANCHORS

Group	Anchor	Substrate	Min. Edge Distance	Max. O.C. Spacing	Min. Embedment
E	2-1/2" x .113" Box Nail	Southern Pine (SG=.55)	5/16"	5"	2-7/16"
	2-1/2" x .131" Common Nail	Southern Pine (SG=.55)	3/8"	5"	2-7/16"
	2-1/2" x .145" Roofing Nail	Southern Pine (SG=.55)	3/8"	5"	2-7/16"
	#10 x 1" SMS Carbon Steel or 18-8, 316 or 410 SS	Southern Pine (SG=.55)	1/2"	5"	1-3/8"
		Aluminum, 6063-T5	5/16"	5"	.093"
		A36 Steel	5/16"	5"	0.0346" (20 Ga)
		A653 Stud, Gr. 33	5/16"	5"	0.0451" (18 Ga)

- 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.

EXAMPLE 1: FOR WINDOW COMBINATION SHOWN BELOW; FLANGE FRAME, 7/16" HEAT-STRENGTHENED LAMINATED GLASS, 1/4" MASONRY ANCHORS INTO CONCRETE, +70/-85 PSF DP REQUIRED



CASEMENT ANCHORS (**SEE SEPERATE NOA**):

A) FROM TABLE 12, ANCHORS C & D ALLOW A DP OF +70/-90.

B) FOR THE JAMB, FROM TABLE 2A, ANCHOR TYPE C HAS THE ANCHOR AND SUBSTRATE DESIRED AND DOES NOT REQUIRE THE ANCHOR PLATE IF USING THE CRETEFLEX ANCHOR.

C) FROM TABLE 3, 6 ANCHORS ARE REQUIRED IN EACH JAMB.

D) SIMILARLY, 2 ANCHORS ARE REQUIRED IN THE HEAD & SILL.

E) DISTRIBUTE ANCHORS FOLLOWING GUIDELINES FROM ELEVATION ON SHEET 1.

F) PER RULES ON SHEETS 2 & 3, INSTALL 1 ADDITIONAL ANCHOR ON THE FRAME ASSEMBLY TUBE SIDE OF THE AWNING (HEAD & SILL).

CASEMENT PICTURE WINDOW ANCHORS:

A) FROM TABLE 14, A 34" X 61" CASEMENT PICTURE WINDOW HAS A DESIGN PRESSURE OF +70/-90 USING ANCHORS C OR D.

B) FOR THE JAMB, FROM TABLE 2A, ANCHOR TYPE C HAS THE ANCHOR AND SUBSTRATE DESIRED AND DOES NOT REQUIRE THE ANCHOR PLATE IF USING THE CRETEFLEX ANCHOR.

C) FROM TABLE 3, 6 ANCHORS ARE REQUIRED IN EACH JAMB.

D) SIMILARLY, 3 ANCHORS ARE REQUIRED IN THE HEAD & SILL.

E) DISTRIBUTE ANCHORS FOLLOWING GUIDELINES FROM ELEVATION ON SHEET 1.

F) PER RULES ON SHEET 2, INSTALL 1 ADDITIONAL ANCHOR ON THE FRAME ASSEMBLY TUBE SIDE OF THE CASEMENT PICTURE (HEAD & SILL).

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	ANCHOR TYPES & EXAMPLE			No.	PW740-LM-HVHZ
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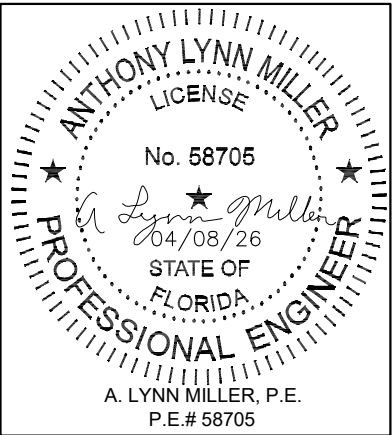


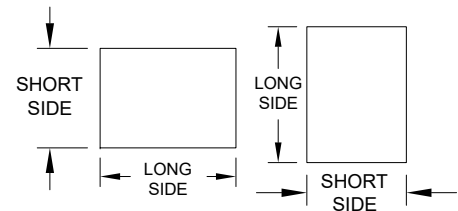
TABLE 3:

Window Anchors Required for Through-Frame Installation (37" and Less on Short Side Dimension)																										
Anchor Type			Short Side																							
			under 23"				25-15/16"				27-3/4"				29"				31-1/2"				33-1/2"			
			A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
Long Side	under 23"	Long Side	2	2	2	2																				
		Short Side	2	2	2	2																				
	25-15/16"	Long Side	3	2	2	2	3	2	2	2																
		Short Side	2	2	2	2	3	2	2	2																
	35"	Long Side	4	3	3	3	5	3	3	3	5	3	3	3	5	3	3	3	5	3	3	3	5	3	3	3
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	37"	Long Side	5	3	3	3	5	3	3	3	5	3	3	3	5	3	3	3	5	4	3	3	5	4	3	3
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	44"	Long Side	6	4	3	3	6	4	3	3	6	4	4	3	7	4	4	3	7	5	4	3	7	5	4	3
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	44-1/4"	Long Side	6	4	3	3	6	4	4	3	7	4	4	3	7	4	4	3	7	5	4	3	7	5	4	3
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	53-1/8"	Long Side	7	5	4	3	8	5	4	3	8	5	5	3	8	5	5	3	9	6	5	3	9	6	5	3
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	58"	Long Side	8	5	4	4	9	6	5	4	9	6	5	4	10	6	5	4	10	7	6	4	10	7	6	4
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	63"	Long Side	9	6	5	4	10	6	5	4	10	7	6	4	11	7	6	4	11	7	6	4	12	7	6	4
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	66-13/16"	Long Side	10	6	5	5	10	7	6	5	11	7	6	5	11	7	6	5	12	8	6	5	12	8	7	5
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	67-1/2"	Long Side	10	6	5	5	11	7	6	5	11	7	6	5	11	7	6	5	12	8	7	5	13	8	7	5
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	68"	Long Side	10	6	5	5	11	7	6	5	11	7	6	5	12	7	6	5	12	8	7	5	13	8	7	5
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	70"	Long Side	10	6	6	5	11	7	6	5	12	7	6	5	12	8	6	5	13	8	7	5	13	8	7	5
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	72"	Long Side	10	7	6	5	11	7	6	5	12	8	7	5	12	8	7	5	13	8	7	5	14	9	7	5
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	74"	Long Side	11	7	6	5	12	8	6	5	12	8	7	5	13	8	7	5	14	9	7	5	14	9	8	5
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	76"	Long Side	11	7	6	5	12	8	7	5	13	8	7	5	13	8	7	5	14	9	8	5	15	9	8	5
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	84"	Long Side	12	8	7	5	14	9	7	5	14	9	8	5	15	9	8	5	16	10	8	6	17	11	9	6
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	114"	Long Side	17	11	9	7	19	12	10	7	20	13	11	7	21	13	11	7	23	14	12	8	24	15	13	8
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	134"	Long Side	21	13	11	8	23	14	12	8	24	15	13	8	25	16	13	9	27	17	14	9	29	18	15	10
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	145"	Long Side	22	14	12	9	25	16	13	9	26	17	14	9	28	17	15	9	29	19	16	10				
		Short Side	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3				

1) USE THIS TABLE FOR ALL FLANGE FRAME WINDOWS PER THE ELEVATIONS ON SHEET 1. DIMENSIONS SHOWN ARE TIP-TO-TIP.

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

3) TABLE DIMENSIONS MAY BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN:



NOTES:
1) SEE SHEET 1 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) SEE SHEET 5 FOR EXAMPLES.
3) TIP-TO-TIP DIMENSIONS SHOWN. FOR NAIL FIN WINDOWS, SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE WINDOW SIZE.

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

PGT[®] WINDOWS and DOORS
3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

ALUMINUM CASEMENT PICTURE WINDOW

ANCHOR TYPE & QUANTITY

09/09/26

By JENS ROSOWSKI

DWG No. PW740-LM-HVHZ

6 OF 14

Sheet

PW740

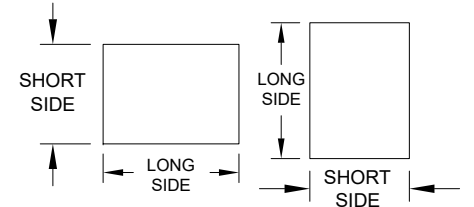
TABLE 4:

Window Anchors Required for Through-Frame Installation (Over 37" on Short Side Dimension)																																																																																						
Anchor Type			Short Side																																																																																			
			40"				44"				48-1/4"				53-1/8"				54"				58"				60"				63"				67-1/2"																																																			
			A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D																																																				
Long Side	under 23"	Long Side																																																																																				
		Short Side																																																																																				
	25-15/16"	Long Side																																																																																				
		Short Side																																																																																				
	35"	Long Side																																																																																				
		Short Side																																																																																				
	37"	Long Side																																																																																				
		Short Side																																																																																				
	44"	Long Side																																	7	5	4	3	7	5	4	3																																												
		Short Side																																	6	4	3	3	7	5	4	3																																												
	44-1/4"	Long Side	7	5	4	3	7	5	4	3																																																																												
		Short Side	6	4	3	3	7	5	4	3																																																																												
	53-1/8"	Long Side	10	6	5	4	10	7	6	4	10	7	6	4	11	7	6	4																																																																				
		Short Side	6	4	3	3	7	5	4	3	9	6	5	3	11	7	6	4																																																																				
	58"	Long Side	11	7	6	4	12	8	6	4	12	8	7	4	12	8	7	4																	13	8	7	4																																																
		Short Side	6	4	3	3	7	5	4	3	9	6	5	3	11	7	6	4																	13	8	7	4																																																
	63"	Long Side	13	8	7	5	13	9	7	5	14	9	7	5	14	9	8	5																	14	9	8	5																																	15	9	8	5	15	9	8	5	15	9	8	5				
		Short Side	6	4	3	3	7	5	4	3	9	6	5	3	11	7	6	4																	13	8	7	4																																	13	9	7	5	15	9	8	5								
	66-13/16"	Long Side	14	9	7	5	15	9	8	5	15	10	8	5	16	10	8	5																	16	10	8	5					16	10	8	5	16	10	8	5	16	10	8	5	15	10	8	5																												
		Short Side	6	4	3	3	7	5	4	3	9	6	5	3	10	7	6	4																	11	7	6	4					12	8	7	4	13	8	7	5	14	9	8	5	16	10	8	6																												
67-1/2"	Long Side	14	9	8	5	15	9	8	5	15	10	8	5	16	10	8	6	16																	10	8	6	16					10	8	6	16	10	8	6	16	10	8	6	16	10	8	6																													
	Short Side	6	4	3	3	7	5	4	3	9	6	5	3	10	7	6	4	11																	7	6	4	12					8	7	4	13	8	7	5	14	9	7	5	16	10	8	6																													
68"	Long Side	14	9	8	5	15	10	8	5	16	10	8	5	16	10	9	6	16	10	9	6	16	10	9	6	16	10	9	6	16	10	9	6																																																					
	Short Side	6	4	3	3	7	5	4	3	9	6	5	3	10	7	6	4	11	7	6	4	12	8	6	4	13	8	7	4	14	9	7	5																																																					
70"	Long Side	15	9	8	5	16	10	8	5	16	10	9	6	16	10	9	6	16	10	9	6	16	10	9	6	16	10	9	6	16	10	9	6																																																					
	Short Side	6	4	3	3	7	5	4	3	9	6	5	3	10	7	6	4	10	7	6	4	12	7	6	4	12	8	7	4	13	9	7	5																																																					
72"	Long Side	15	10	8	5	16	10	9	6	17	11	9	6	17	11	9	6	17	11	9	6	17	11	9	6	17	11	9	6	17	11	9	6																																																					
	Short Side	6	4	3	3	7	5	4	3	9	6	5	3	10	6	5	4	10	7	6	4	12	7	6	4	12	8	7	4	13	8	7	5																																																					
74"	Long Side	16	10	9	6	17	11	9	6	17	11	9	6	17	11	9	6	17	11	9	6	17	11	9	6	17	11	9	6																																																									
	Short Side	6	4	3	3	7	5	4	3	9	6	5	3	10	6	5	4	10	7	6	4	11	7	6	4	12	8	6	4																																																									
76"	Long Side	16	10	9	6	17	11	9	6	18	11	9	6	18	11	9	6	18	11	9	6	18	11	9	6	18	11	9	6																																																									
	Short Side	6	4	3	3	7	5	4	3	9	5	5	3	10	6	5	4	10	6	5	4	11	7	6	4	12	8	6	4																																																									
84"	Long Side	19	12	10	6	20	12	10	7	20	12	10	7	20	12	10	7	20	12	10	7																																																																	
	Short Side	6	4	3	3	7	5	4	3	8	5	4	3	9	6	5	3	10	6	5	3																																																																	
114"	Long Side	26	17	14	9																																																																																	
	Short Side	6	4	3	3																																																																																	

1) USE THIS TABLE FOR ALL FLANGE FRAME
WINDOWS PER THE ELEVATIONS ON SHEET 1.
DIMENSIONS SHOWN ARE TIP-TO-TIP.

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

3) TABLE DIMENSIONS MAY BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN:



NOTES:
 1) SEE SHEET 1 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
 2) SEE SHEET 5 FOR EXAMPLES.
 3) TIP-TO-TIP DIMENSIONS SHOWN. FOR NAIL FIN WINDOWS, SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE WINDOW SIZE.

 PGT® WINDOWS and DOORS	3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	
	REGISTRATION #29296			
Title	ALUMINUM CASEMENT PICTURE WINDOW		Date	09/09/26
	ANCHOR TYPE & QUANTITY		Drawn By	JENS ROSOWSKI
Series	PW740	7 OF 14	DWG No.	PW740-LM-HVHZ
Sheet				

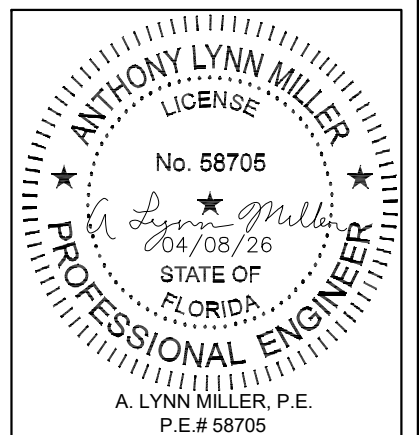
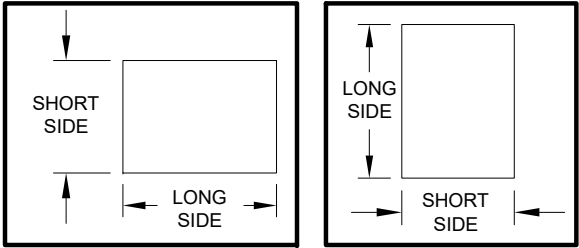


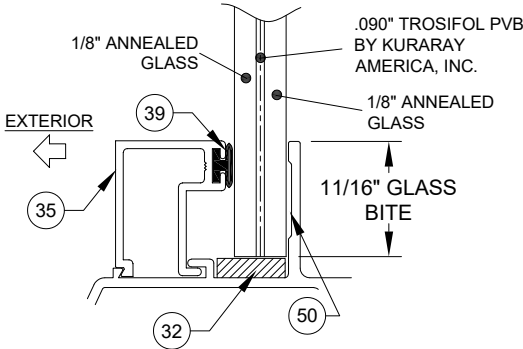
TABLE 5:

		Design Pressure (psf) for Single Windows, All Anchor Groups							
		Short Side							
		under 23"	25-15/16"	27-3/4"	33-1/2"	37"	44"	48-1/4"	53-1/8"
Long Side	under 23"	+70/-90							
	25-15/16"	+70/-90	+70/-90						
	37"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90			
	44"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90		
	48-1/4"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-84.1	+70/-80.1	
	53-1/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-84.1	+60/-70	+60/-70	+60/-67.5
	58"	+70/-90	+70/-90	+70/-90	+70/-83.2	+70/-77	+60/-67.8	+60/-63.2	
	63"	+70/-90	+70/-90	+70/-90	+70/-76.5	+70/-70.1	+60/-61.3		
	76"	+70/-90	+70/-84.6	+70/-75.7	+/-58.9	+/-55.6			
	84"	+70/-90	+70/-80.4	+70/-71.3	+/-54.2				



1) SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES.
2) TABLE DIMENSIONS MAY BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN.

FOR GLASS TYPES:
1) 5/16" LAMI (1/8 AN - .090" PVB - 1/8 AN)
FOR FRAME TYPES:
FLANGE & INTEGRAL FIN



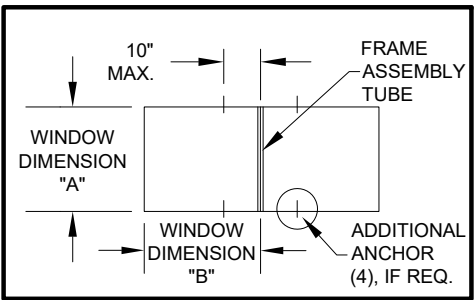
GLASS TYPE 1
5/16" NOM. GLASS STACK

TABLE 6:

		Design Pressure (psf) for Windows Attached to a Frame Assembly Tube																													
		Window Dimension "A"																													
		under 23"	25-15/16"	27-3/4"	33-1/2"			37"			44"				48-1/4"				53-1/8"				58"				63"				
		Anchor Group	Anchor Group	Anchor Group	Anchor Group			Anchor Group			Anchor Group				Anchor Group				Anchor Group				Anchor Group								
		All	All	All	A	B	C, D, & E	A	B	C, D, & E	A	B	C	D & E	A	B	C	D & E	A	B	C	D & E	A	B	C	D & E	A	B	C	D & E	
Window Dimension "B"	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.6	+70/-90	+70/-90	+70/-79.2	+70/-90	+70/-83.1	+/-66.6	+70/-79.7	+70/-90	+70/-75.8	+/-60.7	+70/-72.7	+70/-90	+/-69	+/-55.3	+/-66.1	+70/-90	+/-63.1	+/-50.5	+/-60.5	+70/-90	+/-58.1	+/-46.5	+/-55.7	+70/-84.3 ^B	
	25-15/16"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.6	+70/-90	+70/-90	+70/-73.7	+70/-90	+70/-90	+70/-90	+/-67.1	+70/-90	+70/-90	+70/-90	+/-61.1	+70/-90	+70/-90	+70/-90	+/-55.9	+70/-89.6	+70/-90	+70/-90	+/-51.5	+70/-82.5	+70/-90	+70/-89.7 ^A	
	37"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-84.9	+70/-90	+70/-90	+70/-76.8	+70/-90	+70/-90	+/-64.6	+70/-90	+70/-90	+70/-90	+/-58.8	+70/-90	+70/-90	+70/-90	+/-53.6	+70/-84.1	+70/-84.1	+70/-84.1	+/-49	+70/-77	+70/-77	+70/-77	+/-45.1	+70/-70.1	+70/-70.1	+70/-70.1
	44"	+70/-90	+70/-90	+70/-90	+70/-85.6	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-76	+70/-87	+70/-90	+70/-90	+/-59.4	+70/-79.3	+70/-84.1	+70/-84.1	+/-54.1	+70/-72.2	+70/-75.7	+70/-75.7	+/-49.4	+/-66	+67/-67.8	+67/-67.8	+/-37.9	+/-60.8	+/-61.3	+/-61.3	
	48-1/4"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-82.4	+70/-90	+70/-90	+/-69.3	+70/-79.3	+70/-84.1	+70/-84.1	+/-63.1	+70/-72.3	+70/-80.1	+70/-80.1	+/-49.3	+/-65.8	+69.6/-71.6	+69.6/-71.6	+/-45	+/-60.2	+/-63.2	+/-63.2					
	53-1/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-84.1	+70/-84.1	+70/-84.1	+/-63.1	+70/-75.7	+70/-75.7	+70/-75.7	+/-57.5	+/-65.8	+69.6/-71.6	+69.6/-71.6	+/-52.3	+/-59.9	+/-67.5	+/-67.5									
	58"	+70/-90	+70/-90	+70/-90	+70/-83.2	+70/-83.2	+70/-83.2	+70/-77	+70/-77	+70/-77	+/-65.9	+67/-67.8	+67/-67.8	+67/-67.8	+/-52.6	+/-63.2	+/-63.2	+/-63.2													
	63"	+70/-90	+70/-90	+70/-90	+70/-76.5	+70/-76.5	+70/-76.5	+70/-70.1	+70/-70.1	+70/-70.1	+/-60.7	+/-61.3	+/-61.3	+/-61.3																	
	76"	+70/-90	+70/-84.6	+70/-75.7	+/-58.9	+/-58.9	+/-58.9	+/-55.6	+/-55.6	+/-55.6																					
84"	+70/-90	+70/-80.4	+70/-71.3	+/-54.2	+/-54.2	+/-54.2																									

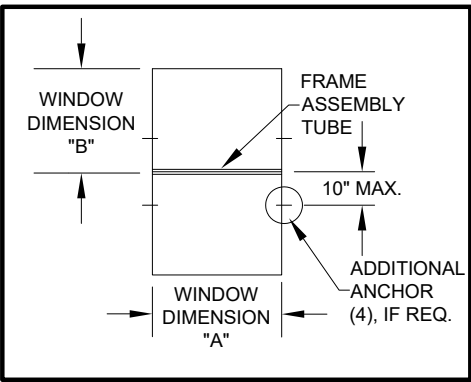
^A-90 FOR ANCHOR GROUP D
^B-88.7 FOR ANCHOR GROUP D

FIGURE FOR VERTICAL FRAME ASSEMBLY TUBE



SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEET 4 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE WHEN USING FLANGE FRAMES.

FIGURE FOR HORIZONTAL FRAME ASSEMBLY TUBE



SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEET 4 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE WHEN USING FLANGE FRAMES.

NOTES:
1) SEE SHEET 1 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) SEE SHEET 5 FOR EXAMPLES.
3) TIP-TO-TIP DIMENSIONS SHOWN. FOR NAIL FIN WINDOWS, SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE WINDOW SIZE.

PREPARED BY A. LYNN MILLER
3400 PRECISION DRIVE
N. VENICE, FL 34275
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PGT[®] WINDOWS and DOORS
3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

ALUMINUM CASEMENT PICTURE WINDOW

DESIGN PRESSURE PER GLAZING TYPE

PW740

09/09/26

JENS ROSOWSKI

8 OF 14

PW740-LM-HVHZ

Rev.

Date

Rev.

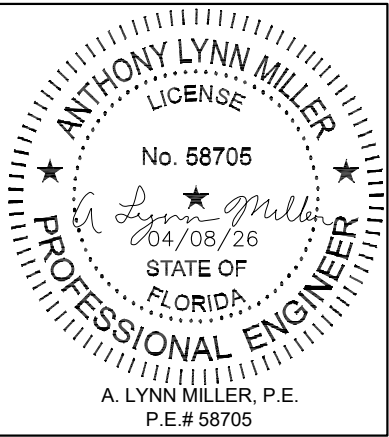
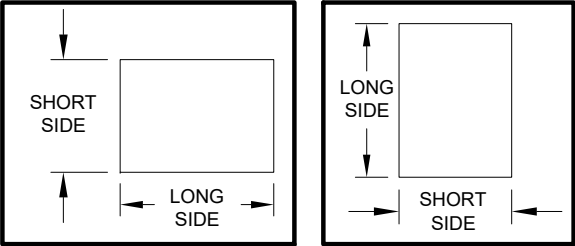


TABLE 7:

		Design Pressure (psf) for Single Windows, All Anchor Groups						
		Short Side						
		under 23"	25-15/16"	27-3/4"	33-1/2"	37"	44"	48-1/4"
Long Side	under 23"	+70/-90						
	25-15/16"	+70/-90	+70/-90					
	37"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90		
	44"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	
	48-1/4"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	53-1/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90		
	58"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.8		
	63"	+70/-90	+70/-90	+70/-90	+70/-87.2	+70/-79.9		
	76"	+70/-90	+70/-90	+70/-86.3				
	84"	+70/-90	+70/-90	+70/-81.3				



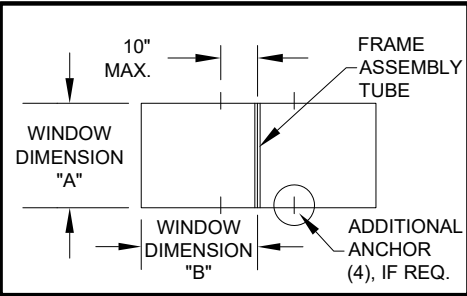
1) SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES.
2) TABLE DIMENSIONS MAY BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN.

TABLE 8:

		Design Pressure (psf) for Windows Attached to a Frame Assembly Tube																												
		Window Dimension "A"																												
		under 23"	25-15/16"	27-3/4"	33-1/2"			37"			44"				48-1/4"				53-1/8"				58"				63"			
		Anchor Group	Anchor Group	Anchor Group	Anchor Group			Anchor Group			Anchor Group				Anchor Group				Anchor Group				Anchor Group							
Window Dimension "B"	All	All	All	A	B	C, D, & E	A	B	C, D, & E	A	B	C	D & E	A	B	C	D & E	A	B	C	D & E	A	B	C	D & E	A	B	C	D & E	
	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.6	+70/-90	+70/-90	+70/-79.2	+70/-90	+70/-83.1	+/-66.6	+70/-79.7	+70/-90	+70/-75.8	+/-60.7	+70/-72.7	+70/-90	+/-69	+/-55.3	+/-66.1	+70/-90	+/-63.1	+/-50.5	+/-60.5	+70/-90	+/-58.1	+/-46.5	+/-55.7	+70/-84.3 ^B
	25-15/16"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.6	+70/-90	+70/-90	+70/-73.7	+70/-90	+70/-90	+70/-90	+/-67.1	+70/-90	+70/-90	+70/-90	+/-61.1	+70/-90	+70/-90	+70/-90	+/-55.9	+70/-89.6	+70/-90	+70/-90	+/-51.5	+70/-82.5	+70/-90	+70/-89.7 ^A
	37"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-84.9	+70/-90	+70/-90	+70/-76.8	+70/-90	+70/-90	+70/-90	+70/-90	+/-64.6	+70/-90	+70/-90	+70/-90	+70/-90	+/-58.8	+70/-90	+70/-90	+70/-90	+/-49	+70/-78.5	+70/-87.8	+70/-87.8	+/-45.1	+70/-72.3	+70/-79.9	+70/-79.9
	44"	+70/-90	+70/-90	+70/-90	+70/-85.6	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-76	+70/-87	+70/-90	+70/-90	+/-69.3	+70/-79.3	+70/-90	+70/-90												
	48-1/4"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-82.4	+70/-90	+70/-90	+/-69.3	+70/-90	+70/-90	+70/-90	+/-63.1	+70/-86.7	+70/-86.5	+70/-90												
	53-1/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-85.7	+70/-90	+70/-90																			
	58"	+70/-90	+70/-90	+70/-90	+70/-86.6	+70/-90	+70/-90	+70/-87.8	+70/-87.8	+70/-87.8																				
	63"	+70/-90	+70/-90	+70/-90	+70/-87.2	+70/-87.2	+70/-87.2	+70/-79.9	+70/-79.9	+70/-79.9																				
	76"	+70/-90	+70/-90	+70/-86.3																										
	84"	+70/-90	+70/-90	+70/-81.3																										

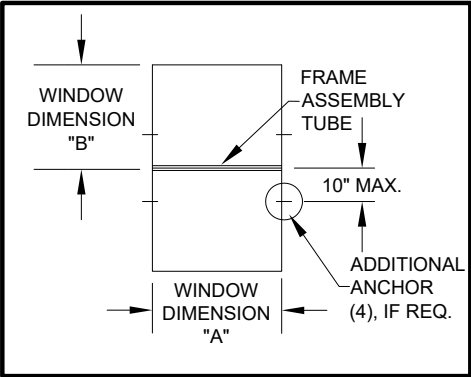
^A -90 FOR ANCHOR GROUP D
^B -88.7 FOR ANCHOR GROUP D

FIGURE FOR VERTICAL FRAME ASSEMBLY TUBE



SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEET 4 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE WHEN USING FLANGE FRAMES.

FIGURE FOR HORIZONTAL FRAME ASSEMBLY TUBE



SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEET 4 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE WHEN USING FLANGE FRAMES.

NOTES:
1) SEE SHEET 1 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) SEE SHEET 5 FOR EXAMPLES.
3) TIP-TO-TIP DIMENSIONS SHOWN. FOR NAIL FIN WINDOWS, SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE WINDOW SIZE.

FOR GLASS TYPES:
5) 7/8" LAMI. IG:(1/8" T - 7/16" AIR - 1/8" AN - .090" PVB - 1/8" AN)
FOR FRAME TYPES:
FLANGE & INTEGRAL FIN

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

PGT®
WINDOWS
and DOORS
3400 PRECISION DRIVE
N. VENICE, FL 34275
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REGISTRATION #29296

09/09/26
Date

By
JENS ROSOWSKI

ALUMINUM CASEMENT PICTURE WINDOW
DESIGN PRESSURE PER
GLAZING TYPE

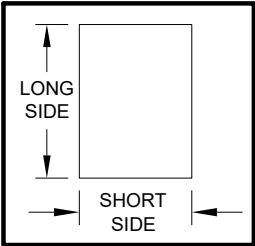
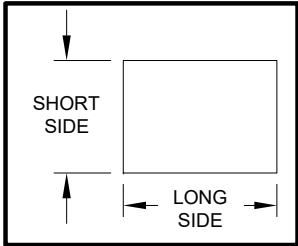
9 OF 14
Sheet

PW740-LM-HVHZ
DWG No.

ANTHONY LYNN MILLER
LICENSE
No. 58705
04/08/26
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 9:

		Design Pressure (psf) for Single Windows, Anchor Groups A-D									
		Short Side									
		under 23"	25-15/16"	29"	31-1/2"	34"	40"	54"	60"	63"	67-1/2"
Long Side	under 23"	+90/-130									
	25-15/16"	+90/-130	+90/-130								
	63"	+90/-130	+90/-130	+90/-123.1	+90/-116.5	+90/-110.7	+90/-100.7	+/- 89.1	+/- 86.1	+/- 83.1	
	67-1/2"	+90/-130	+90/-130	+90/-120.7	+90/-113.9	+90/-108	+90/-97.6	+/- 84.8	+/- 80.5	+/- 78.3	+/- 75.1
	72"	+90/-130	+90/-129.2	+90/-118.7	+90/-111.8	+90/-105.8	+90/-95.1	+/- 81.3	+/- 76.1	+/- 73.8	
	76"	+90/-130	+90/-127.8	+90/-117.1	+90/-110.2	+90/-104.1	+90/-93.2	+/- 78	+/- 72.5		
	84"	+90/-130	+90/-125.3	+90/-114.5	+90/-107.5	+90/-101.3	+/- 89.9	+/- 70.7			
	114"	+90/-130	+90/-119.6	+90/-108.6	+90/-101.4	+90/-95	+/- 73				
	134"	+90/-130	+90/-117.3	+90/-106.3	+90/-99	+90/-92.6					
	145"	+90/-129.8	+90/-116.4	+90/-105.3	+90/-98						

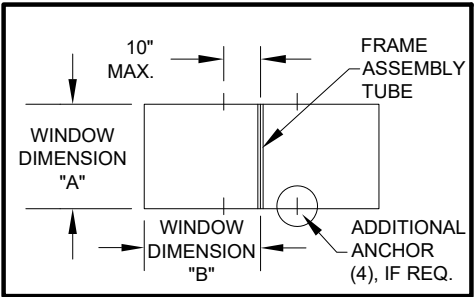


1) SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES.
2) TABLE DIMENSIONS MAY BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN.

TABLE 10:

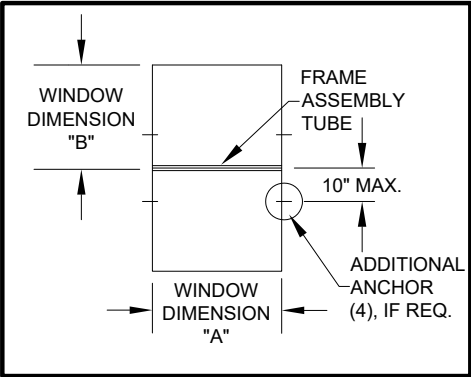
		Design Pressure (psf) for Windows Attached to a Frame Assembly Tube																							
		Window Dimension "A"																							
		under 23"	25-15/16"	29"	31-1/2"	34"			40"				54"				60"				63"				
		Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group			Anchor Group				Anchor Group				Anchor Group				Anchor Group				
		All	All	All	All	A	B	C & D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	
Window Dimension "B"	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-86.2	+70/-90	+70/-90	+70/-73.3	+70/-87.7	+70/-90	+/-67.7	+/-54.3	+/-65	+70/-90	+/-61	+/-48.9	+/-58.5	+70/-90	+/-58.1	+/-46.5	+/-55.7	+70/-88.7	
	25-15/16"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-75.1	+70/-90	+70/-90	+70/-90	+/-67.5	+70/-86.6	+70/-90	+70/-90	+/-64.3	+70/-82.5	+70/-90	+70/-90	
	63"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+/-68	+70/-79.2	+70/-83	+70/-89.1	+/-61.2	+70/-71.3	+70/-74.7	+70/-86.1	+/-53	+/-59.4	+70/-71.1	+70/-83.1	
	67-1/2"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-85.6	+70/-90	+70/-90	+70/-90	+/-63.4	+70/-73.9	+70/-77.4	+70/-84.8	+/-57.1	+/-66.5	+/-69.7	+70/-80.5	+/-54.4	+/-63.4	+/-66.4	+70/-78.3
	72"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.6	+70/-90	+70/-90	+70/-90	+/-64.9	+/-69.3	+70/-72.6	+70/-81.3	+/-58.4	+/-62.4	+/-65.3	+70/-76.1	+/-51	+/-59.4	+/-62.2	+70/-73.8
	76"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-83	+70/-90	+70/-90	+70/-90	+/-61.5	+70/-73.9	+70/-78	+70/-78	+/-55.3	+/-59.1	+/-61.9	+70/-72.5				
	84"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-81.3	+70/-89.9	+70/-89.9	+70/-89.9	+/-60.3	+/-66.9	+70/-70.7	+70/-70.7								
	114"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-73	+70/-73	+70/-73	+70/-73												
	134"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90																	
	145"	+70/-90	+70/-90	+70/-90	+70/-90																				

FIGURE FOR VERTICAL FRAME ASSEMBLY TUBE



SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEET 4 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE WHEN USING FLANGE FRAMES.

FIGURE FOR HORIZONTAL FRAME ASSEMBLY TUBE



SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEET 4 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE WHEN USING FLANGE FRAMES.

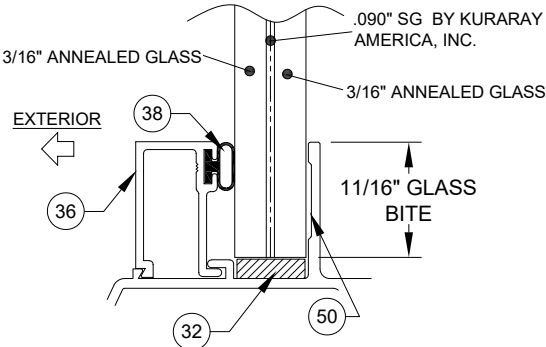
NOTES:
1) SEE SHEET 1 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) SEE SHEET 5 FOR EXAMPLES.
3) TIP-TO-TIP DIMENSIONS SHOWN. FOR NAIL FIN WINDOWS, SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE WINDOW SIZE.

FOR GLASS TYPES:

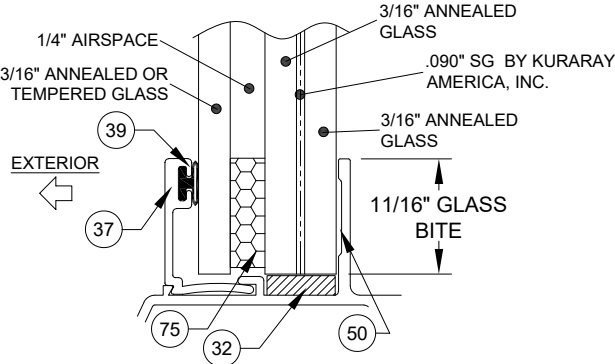
- 2) 7/16" LAMI. (3/16" AN - .090" SG - 3/16" AN
6) 7/8" LAMI. IG: (3/16" AN - 1/4" AIR - 3/16" AN - .090" SG - 3/16" AN)
8) 7/8" LAMI. IG: (3/16" T - 1/4" AIR - 3/16" AN - .090" SG - 3/16" AN)

FOR FRAME TYPES:

FLANGE ONLY



GLASS TYPE 2
7/16" NOM. GLASS STACK



GLASS TYPES 6 & 8
7/8" NOM. GLASS STACK

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ALUMINUM CASEMENT PICTURE WINDOW

DESIGN PRESSURE PER
GLAZING TYPE

10 OF 14

DATE 09/09/26

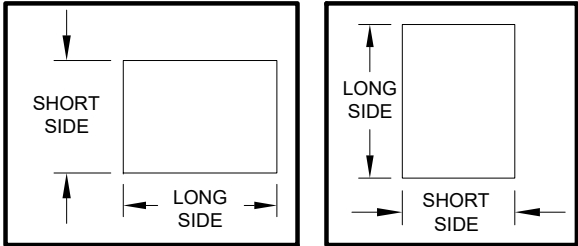
DRAWN BY JENS ROSOWSKI

DWG NO. PW740-LM-HVHZ

ANTHONY LYNN MILLER
LICENSE
No. 58705
04/08/26
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 11:

		Design Pressure (psf) for Single Windows, Anchor Group E									
		Short Side									
		under 23"	25-15/16"	29"	31-1/2"	34"	40"	54"	60"	63"	67-1/2"
Long Side	under 23"	+80/-90									
	25-15/16"	+80/-90	+80/-90								
	63"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+/-80	+/-80	+/-80	+/-80	
	67-1/2"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+/-80	+/-80	+/-80	+/- 78.3	+/- 75.1
	72"	+80/-90	+80/-90	+80/-90	+80/-90	+/-80	+/-80	+/-80	+/- 76.1	+/- 73.8	
	76"	+80/-90	+80/-90	+80/-90	+/-80	+/-80	+/-80	+/- 78	+/- 72.5		
	84"	+80/-90	+80/-90	+/-80	+/-80	+/-80	+/-80	+/- 70.7			
	114"	+/-80	+/-80	+/-80	+/-80	+/-80	+/-80				
	134"	+/-80	+/-80	+/-80	+/-80	+/-80					
	145"	+/-80	+/-80	+/-80	+/-80						

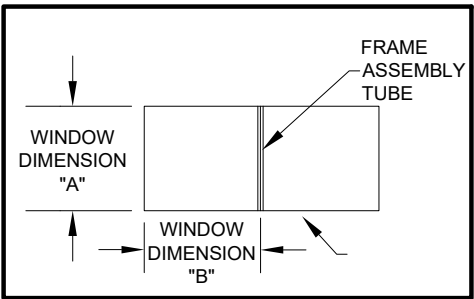


1) SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES.
2) TABLE DIMENSIONS MAY BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN.

TABLE 12:

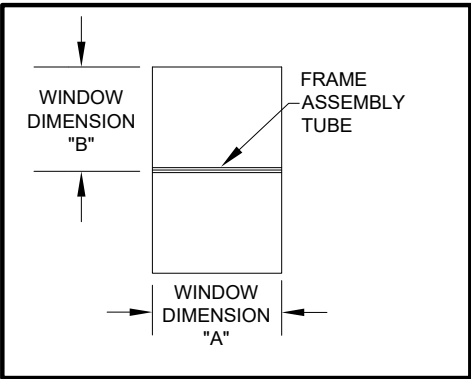
		Design Pressure (psf) for Windows Attached to a Frame Assembly Tube									
		Window Dimension "A"									
		under 23"	25-15/16"	29"	31-1/2"	34"	40"	54"	60"	63"	
Window Dimension "B"	Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group	
	E	E	E	E	E	E	E	E	E	E	
	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-88.5	+70/-84.3	
	25-15/16"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-89.7	
	63"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-80	+70/-80	+70/-80	+70/-80	
	67-1/2"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-80	+70/-80	+70/-80	+70/-78.3	
	72"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-80	+70/-80	+70/-80	+70/-76.1	+70/-73.8	
	76"	+70/-90	+70/-90	+70/-90	+70/-80	+70/-80	+70/-80	+70/-78	+70/-72.5		
	84"	+70/-90	+70/-90	+70/-80	+70/-80	+70/-80	+70/-80	+70/-70.7			
	114"	+70/-80	+70/-80	+70/-80	+70/-80	+70/-80	+70/-73				
	134"	+70/-80	+70/-80	+70/-80	+70/-80						
	145"	+70/-80	+70/-80	+70/-80	+70/-80						

FIGURE FOR VERTICAL FRAME ASSEMBLY TUBE



SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. NO ADDITIONAL ANCHORS REQUIRED WITH INTEGRAL FIN FRAME.

FIGURE FOR HORIZONTAL FRAME ASSEMBLY TUBE



SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. NO ADDITIONAL ANCHORS REQUIRED WITH INTEGRAL FIN FRAME.

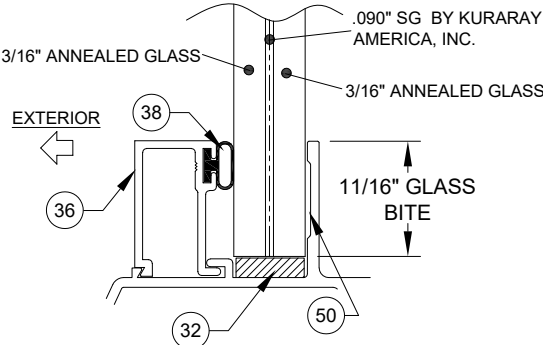
NOTES:
1) SEE SHEET 1 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) SEE SHEET 5 FOR EXAMPLES.
3) TIP-TO-TIP DIMENSIONS SHOWN. FOR NAIL FIN WINDOWS, SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE WINDOW SIZE.

FOR GLASS TYPES:

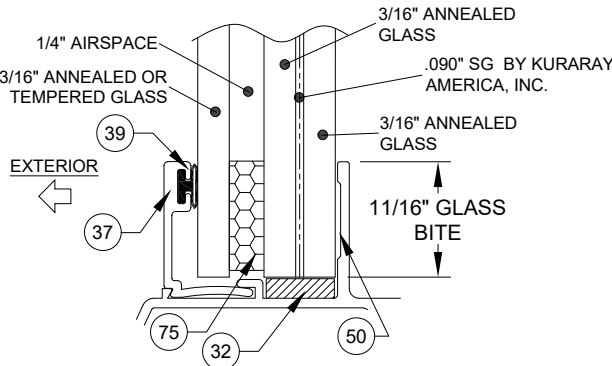
2) 7/16" LAMI. (3/16" AN - .090" SG - 3/16" AN
6) 7/8" LAMI. IG: (3/16" AN - 1/4" AIR - 3/16" AN - .090" SG - 3/16" AN)
8) 7/8" LAMI. IG: (3/16" T - 1/4" AIR - 3/16" AN - .090" SG - 3/16" AN)

FOR FRAME TYPES:

INTEGRAL FIN ONLY



GLASS TYPE 2
7/16" NOM. GLASS STACK



GLASS TYPES 6 & 8
7/8" NOM. GLASS STACK

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REGISTRATION #29296

09/09/26
Date

09/09/26
Title

ALUMINUM CASEMENT PICTURE WINDOW

DESIGN PRESSURE PER
GLAZING TYPE

JENS ROSOWSKI
By

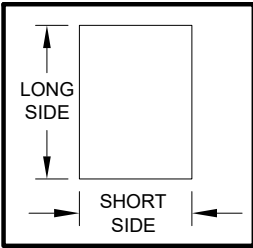
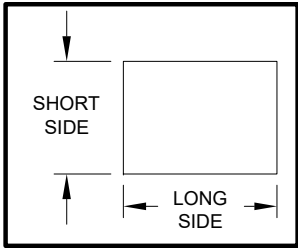
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11 OF 14
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PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 13:

Design Pressure (psf) for Single Windows, Anchor Groups A-D										
Long Side	Short Side									
	under 23"	25-15/16"	29"	31-1/2"	34"	40"	54"	60"	63"	67-1/2"
	under 23"	+90/-130								
	25-15/16"	+90/-130	+90/-130							
	63"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	
	67-1/2"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130
	72"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	
	76"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130		
	84"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130			
	114"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130				
	134"	+90/-130	+90/-130	+90/-130	+90/-130					
	145"	+90/-130	+90/-130	+90/-130	+90/-130					

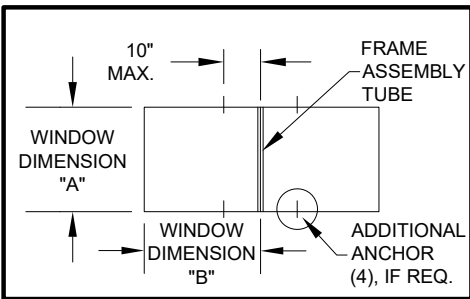


- 1) SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES.
2) TABLE DIMENSIONS MAY BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN.

TABLE 14:

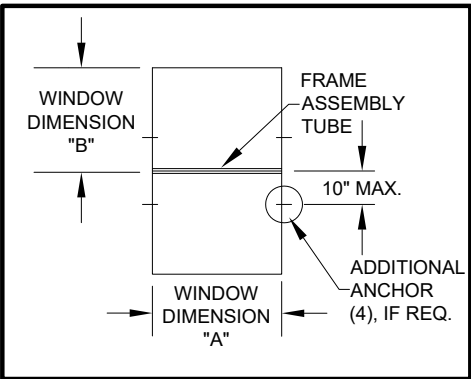
Design Pressure (psf) for Windows Attached to a Frame Assembly Tube																							
Window Dimension "B"	Window Dimension "A"																						
	under 23"	25-15/16"	29"	31-1/2"	34"			40"				54"				60"				63"			
	Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group			Anchor Group				Anchor Group				Anchor Group				Anchor Group			
	All	All	All	All	A	B	C & D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-86.2	+70/-90	+70/-90	+70/-73.3	+70/-87.7	+70/-90	+/-67.7	+/-54.3	+/-65	+70/-90	+/-61	+/-48.9	+/-58.5	+70/-90	+/-58.1	+/-46.5	+/-55.7	+70/-88.7
	25-15/16"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-75.1	+70/-90	+70/-90	+70/-90	+/-67.5	+70/-86.6	+70/-90	+70/-90	+/-64.3	+70/-82.5	+70/-90	+70/-90
63"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-83.4	+70/-89.1	+70/-90	+70/-90	+70/-79.5	+70/-84.9	+70/-90	+70/-90
67-1/2"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-83	+70/-90	+70/-90	+70/-90	+70/-84	+70/-87.1	+70/-90	+70/-90
72"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.6	+70/-90	+70/-90	+70/-90	+70/-83.4	+70/-89.1	+70/-90	+70/-90
76"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90					
84"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90					
114"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90												
134"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90																
145"	+70/-90	+70/-90	+70/-90	+70/-90																			

FIGURE FOR VERTICAL FRAME ASSEMBLY TUBE



SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEET 4 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE WHEN USING FLANGE FRAMES.

FIGURE FOR HORIZONTAL FRAME ASSEMBLY TUBE



SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEET 4 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE WHEN USING FLANGE FRAMES.

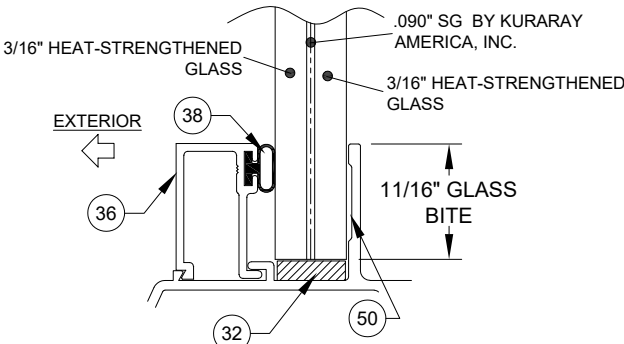
- NOTES:
1) SEE SHEET 1 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) SEE SHEET 5 FOR EXAMPLES.
3) TIP-TO-TIP DIMENSIONS SHOWN. FOR NAIL FIN WINDOWS, SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE WINDOW SIZE.

FOR GLASS TYPES:

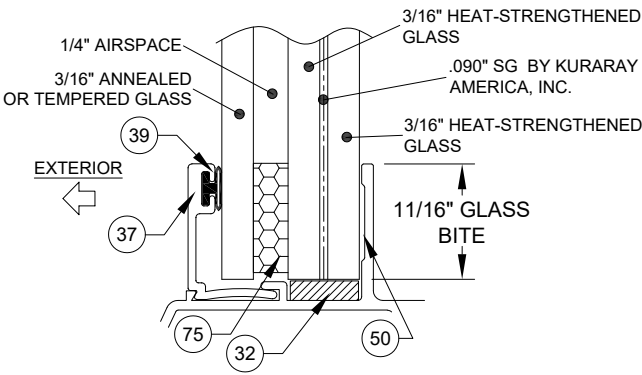
- 3) 7/16" LAMI (3/16 HS - .090" SG - 3/16 HS)
7) 7/8" LAMI IG: 3/16" AN - 1/4" AIR - 3/16" HS - .090" SG - 3/16" HS)
9) 7/8" LAMI IG: (3/16" T - 1/4" AIR - 3/16" HS - .090" SG - 3/16" HS)

FOR FRAME TYPES:

FLANGE ONLY



GLASS TYPE 3
7/16" NOM. GLASS STACK



GLASS TYPES 7 & 9
7/8" NOM. GLASS STACK

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PGT®
WINDOWS
and DOORS
3400 PRECISION DRIVE
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REGISTRATION #29296

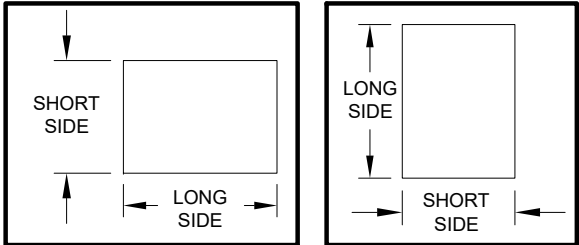
ALUMINUM CASEMENT PICTURE WINDOW
DESIGN PRESSURE PER
GLAZING TYPE

09/09/26
Date
JENS ROSOWSKI
By
PW740-LM-HVHZ
DWG No.
12 OF 14
Sheet
PW740

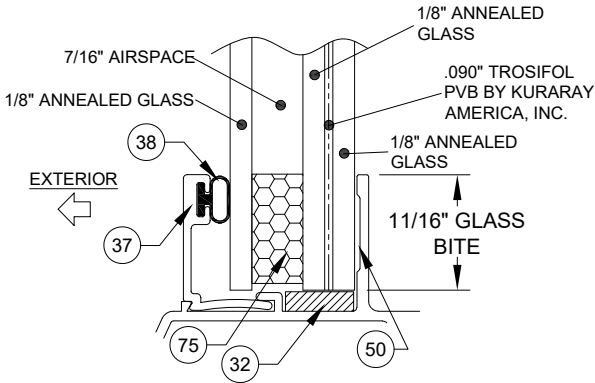
ANTHONY LYNN MILLER
LICENSE
No. 58705
04/08/26
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 15:

		Design Pressure (psf) for Single Windows, All Anchor Groups							
		Short Side							
Long Side	under 23"	+60/-70							
	25-15/16"	+60/-70	+60/-70						
	37"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70			
	44"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70		
	48-1/4"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	
	53-1/8"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-69.3
	58"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-69.6	+60/-64.9	
	63"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-62.9		
	76"	+60/-70	+60/-70	+60/-70	+60/-60.5	+/- 57			
	84"	+60/-70	+60/-70	+60/-70	+/- 55.6				



- 1) SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES.
2) TABLE DIMENSIONS MAY BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN.



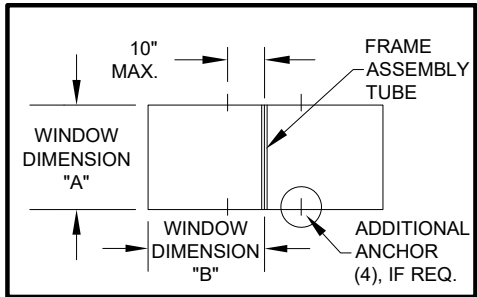
GLASS TYPE 4
7/8" NOM. GLASS STACK

FOR GLASS TYPES:
4) 7/8" LAMI. IG:(1/8" AN - 7/16" AIR - 1/8" AN - .090" PVB - 1/8" AN)
FOR FRAME TYPES:
FLANGE & INTEGRAL FIN

TABLE 16:

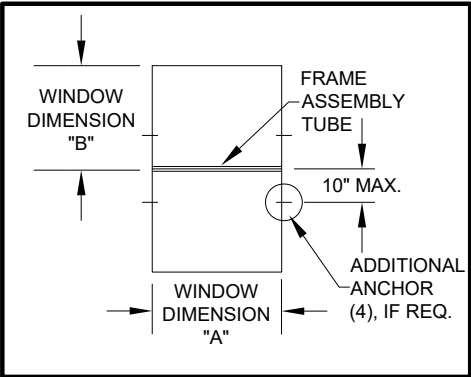
		Design Pressure (psf) for Windows Attached to a Frame Assembly Tube																							
		Window Dimension "A"																							
		under 23"	25-15/16"	27-3/4"	34-1/2"	37"	44"			48-1/4"			53-1/8"				58"				63"				
		Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group			Anchor Group			Anchor Group				Anchor Group				Anchor Group				
Window Dimension "B"		All	All	All	All	All	A	B	C, D, & E	A	B	C, D, & E	A	B	C	D & E	A	B	C	D & E	A	B	C	D & E	
	under 23"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-66.6	+60/-70	+60/-70	+60/-60.7	+60/-70	+60/-69	+/-55.3	+60/-66.1	+60/-70	+60/-63.1	+/-50.5	+60/-60.5	+60/-70	+/-58.1	+/-46.5	+/-55.7	+60/-70	
	25-15/16"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-67.1	+60/-70	+60/-70	+60/-61.1	+60/-70	+60/-70	+60/-70	+/-55.9	+60/-70	+60/-70	+60/-70	+/-51.5	+60/-70	+60/-70	+60/-70	
	37"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-64.6	+60/-70	+60/-70	+/-58.8	+60/-70	+60/-70	+/-53.6	+60/-70	+60/-70	+60/-70	+/-49	+60/-70	+60/-70	+60/-70	+/-45.1	+60/-70	+60/-70	+60/-70
	44"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-65.2	+60/-70	+60/-70	+/-59.4	+60/-70	+60/-70	+/-54.1	+60/-70	+60/-70	+60/-70	+/-49.4	+60/-66	+60/-69.6	+60/-69.6	+/-37.9	+60/-60.8	+60/-62.9	+60/-62.9
	48-1/4"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+/-59.4	+60/-70	+60/-70	+/-54.1	+60/-70	+60/-70	+/-49.3	+60/-65.8	+60/-70	+60/-70	+/-45	+60/-60.2	+60/-64.9	+60/-64.9					
	53-1/8"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-63.1	+60/-70	+60/-70	+/-57.5	+60/-65.8	+60/-70	+/-52.3	+/-59.9	+60/-69.3	+60/-69.3									
	58"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-68.6	+60/-65.9	+60/-69.6	+60/-69.6	+60/-60.1	+60/-64.9	+60/-64.9													
	63"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-70	+60/-60.7	+60/-62.9	+60/-62.9																
	76"	+60/-70	+60/-70	+60/-70	+60/-70	+60/-60.5	+/-57																		
84"	+60/-70	+60/-70	+60/-70	+/-55.6																					

FIGURE FOR VERTICAL FRAME ASSEMBLY TUBE



SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEET 4 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE WHEN USING FLANGE FRAMES.

FIGURE FOR HORIZONTAL FRAME ASSEMBLY TUBE



SEE SHEETS 1, 5 & 6 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEET 4 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE WHEN USING FLANGE FRAMES.

- NOTES:
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PGT[®] WINDOWS and DOORS
3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

ALUMINUM CASEMENT PICTURE WINDOW

DESIGN PRESSURE PER GLAZING TYPE

PW740

09/09/26

JENS ROSOWSKI

13 OF 14

PW740-LM-HVHZ

ANTHONY LYNN MILLER
LICENSE
No. 58705
04/08/26
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

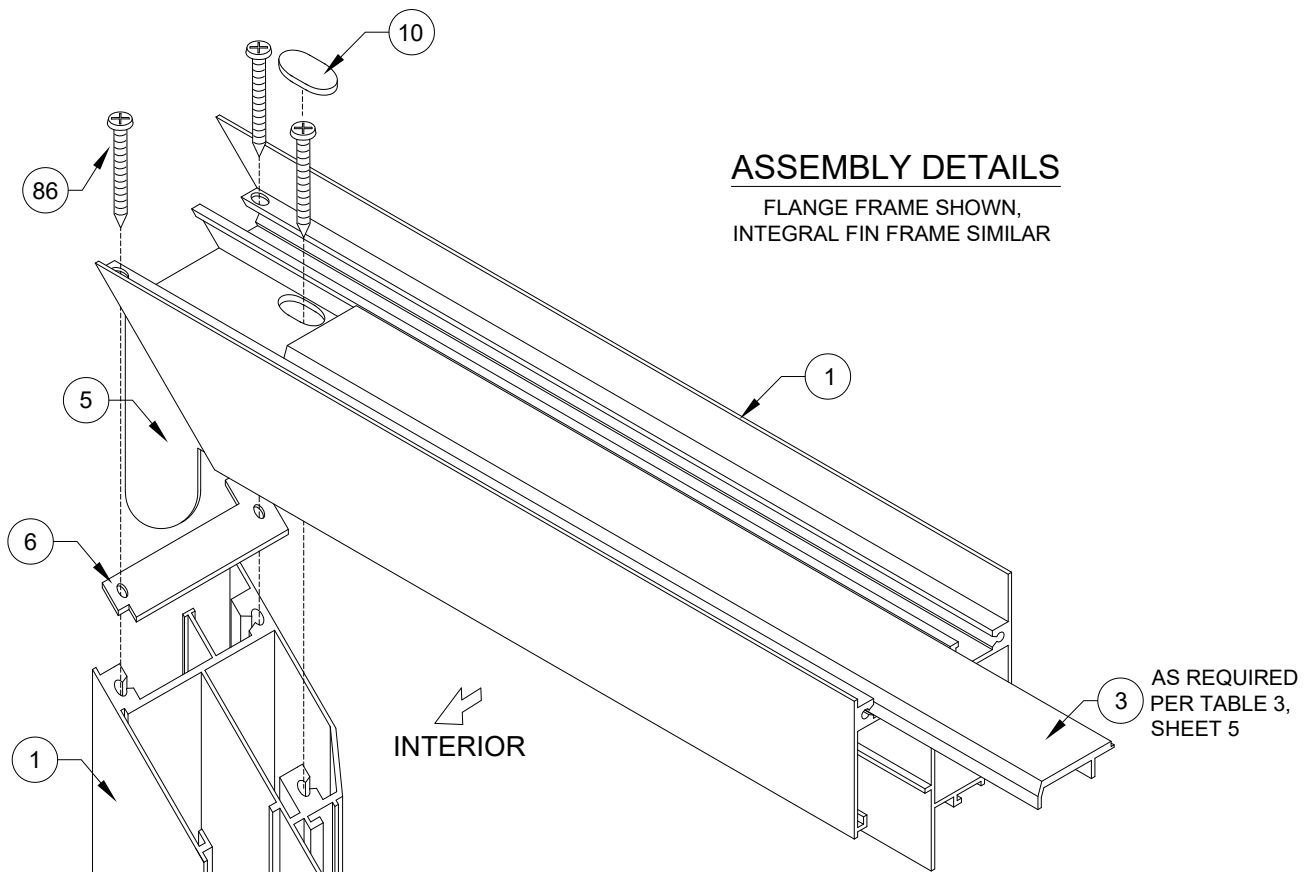
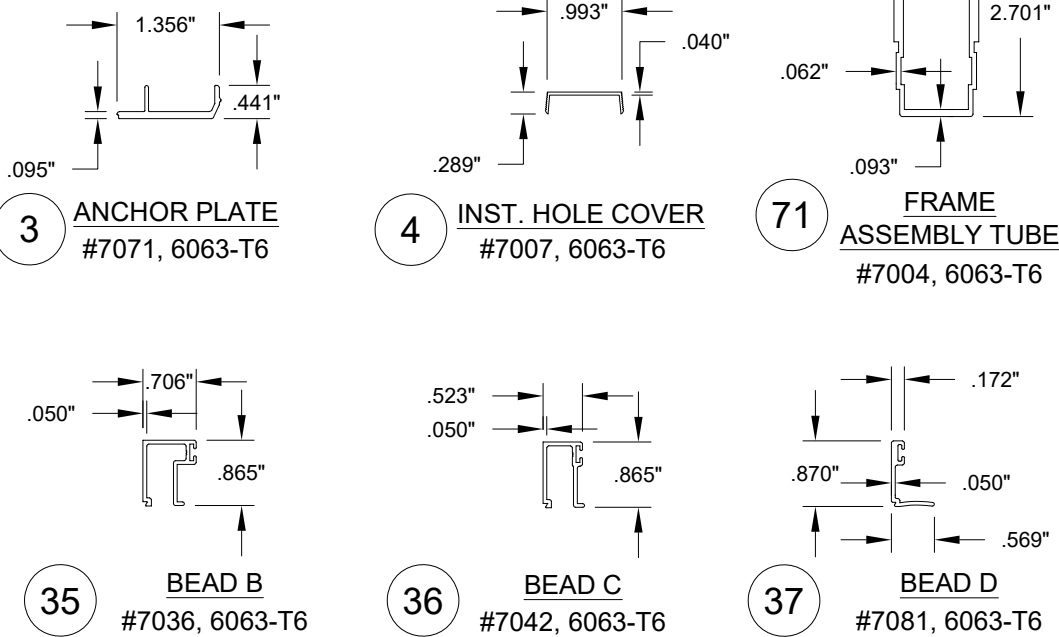
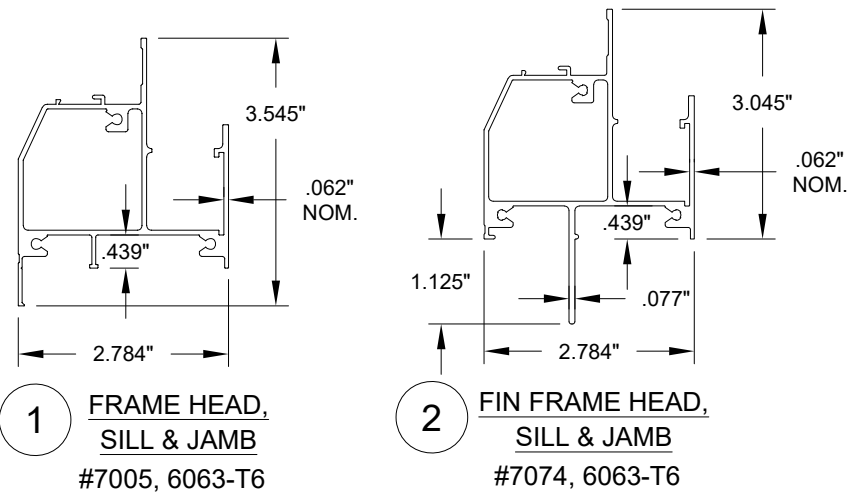


TABLE 17:

Item	Dwg. #	Description	Mat.
1	7005	Main Frame Head, Sill & Jambs, Flange	6063-T6 Alum.
2	7074	Main Frame Head, Sill & Jambs, Fin	6063-T6 Alum.
3	7071	Anchor Plate	6063-T6 Alum.
4	7007	Installation Hole Cover	6063-T6 Alum.
5	7010	Frame Corner Key	Steel
6	7078	Frame Gasket	Vinyl Foam
10	7055	Fixed Frame Hole Plug	PVC
32	1713	Setting Block 5/32" x 3/16" x 1-1/4"	EPDM
33	1714	Setting Block 5/32" x 1-7/16" x 1-1/4"	EPDM
35	7036	Bead B	6063-T6 Alum.
36	7042	Bead C	6063-T6 Alum.
37	7081	Bead D	6063-T6 Alum.
38	1224	Vinyl Bulb Wstp (Thick)	Flex PVC 70
39	1225	Vinyl Bulb Wstp (Thin)	Flex PVC 70
50		Dow 791, 899 or 983 Silicone Backbedding	
71	7004	Casement Frame Assy Tube	6063-T6 Alum.
75		IG Spacer	Varies
86		#8 X 1-1/2" Quad Pn SMS Stainless Steel	Stainless Steel
90		#12 x 1" Ph. Pn. TEK	Stainless Steel



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 COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.		ALUMINUM CASEMENT PICTURE WINDOW		Date	09/09/26
	BOM & EXTRUSIONS		JENS ROSOWSKI		By	
	PW740		14 OF 14		DWG No.	PW740-LM-HVHZ

