

GENERAL NOTES: SERIES 740 IMPACT-RESISTANT
AWNING 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) MATERIALS USED FOR ANCHOR EVALUATIONS WERE SOUTHERN PINE, ASTM C90 CONCRETE MASONRY UNITS AND CONCRETE WITH MIN. KSI PER ANCHOR TYPE.
- 4) 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 TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
- 5) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT EMBEDMENT AS SPECIFIED ON TABLE 3, SHEET 5. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- 6) 1/4" MAX. SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. FOR INTEGRAL FIN FRAMES INSTALL SHIMS AT MAX. 18" O.C., USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS.
- 7) 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.
- 8) 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.
- 9) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE.

SAMPLE CONFIGURATIONS:

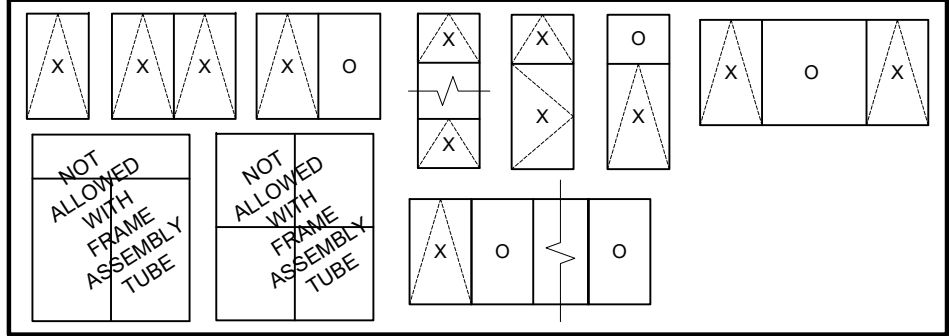


TABLE 1:

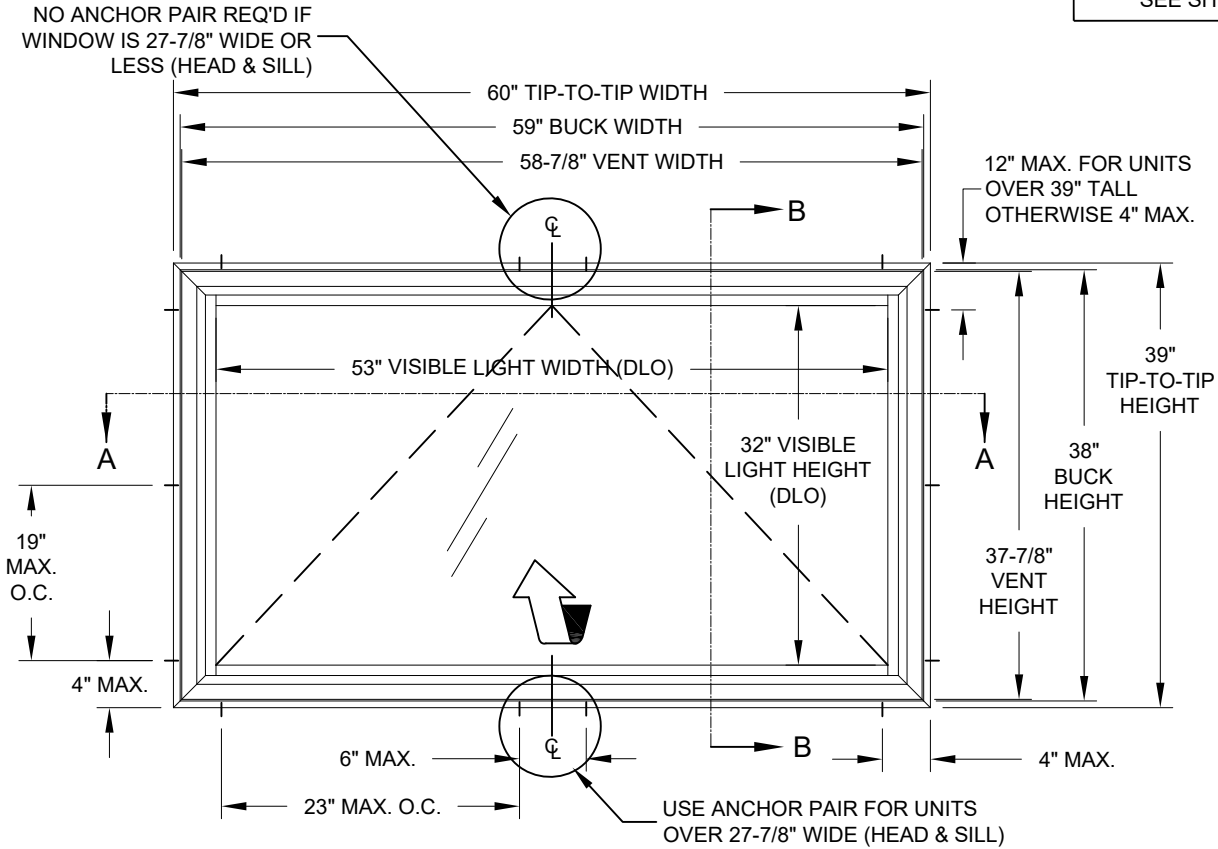
Glass Types		Sheet #
1	5/16" Lami (1/8" An - .090" PVB - 1/8" An)	7
2	7/16" Lami (3/16" An - .090" SG - 3/16" An)	8, 12
3	7/8" Lami. IG (1/8" An - 7/16" Air - 1/8" An - .090" PVB - 1/8" An)	9
4	7/8" Lami. IG (1/8" T - 7/16" Air - 1/8" An - .090" PVB - 1/8" An)	10
5	7/8" Lami. IG (3/16" An - 1/4" Air - 3/16" An - .090" SG - 3/16" An)	11, 12
6	7/8" Lami. IG (3/16" T - 1/4" Air - 3/16" An - .090" SG - 3/16" An)	11, 12

"PVB"= TROSIFOL PVB BY KURARAY AMERICA, INC.
"SG"= SENTRYGLAS BY KURARAY AMERICA, INC.

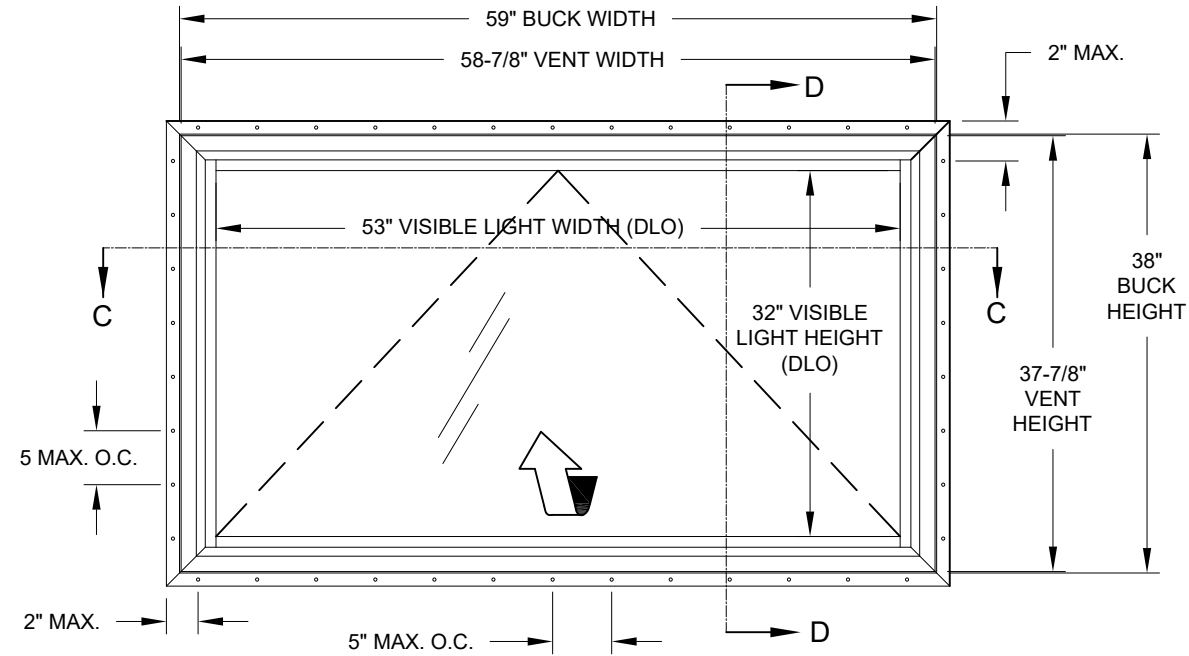
FLORIDA PRODUCT APPROVAL #2329

DESIGN PRESSURE RATING	IMPACT RATING
VARIABLE, SEE SHEETS 7-12	RATED FOR LARGE & SMALL MISSILE IMPACT RESISTANCE

GENERAL NOTES.....	1
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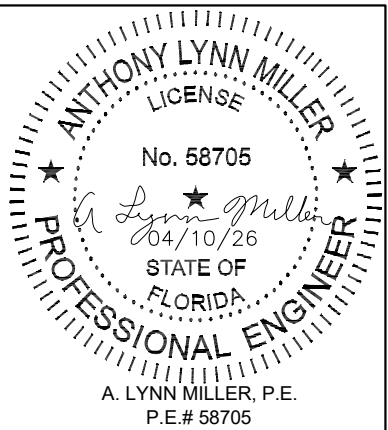


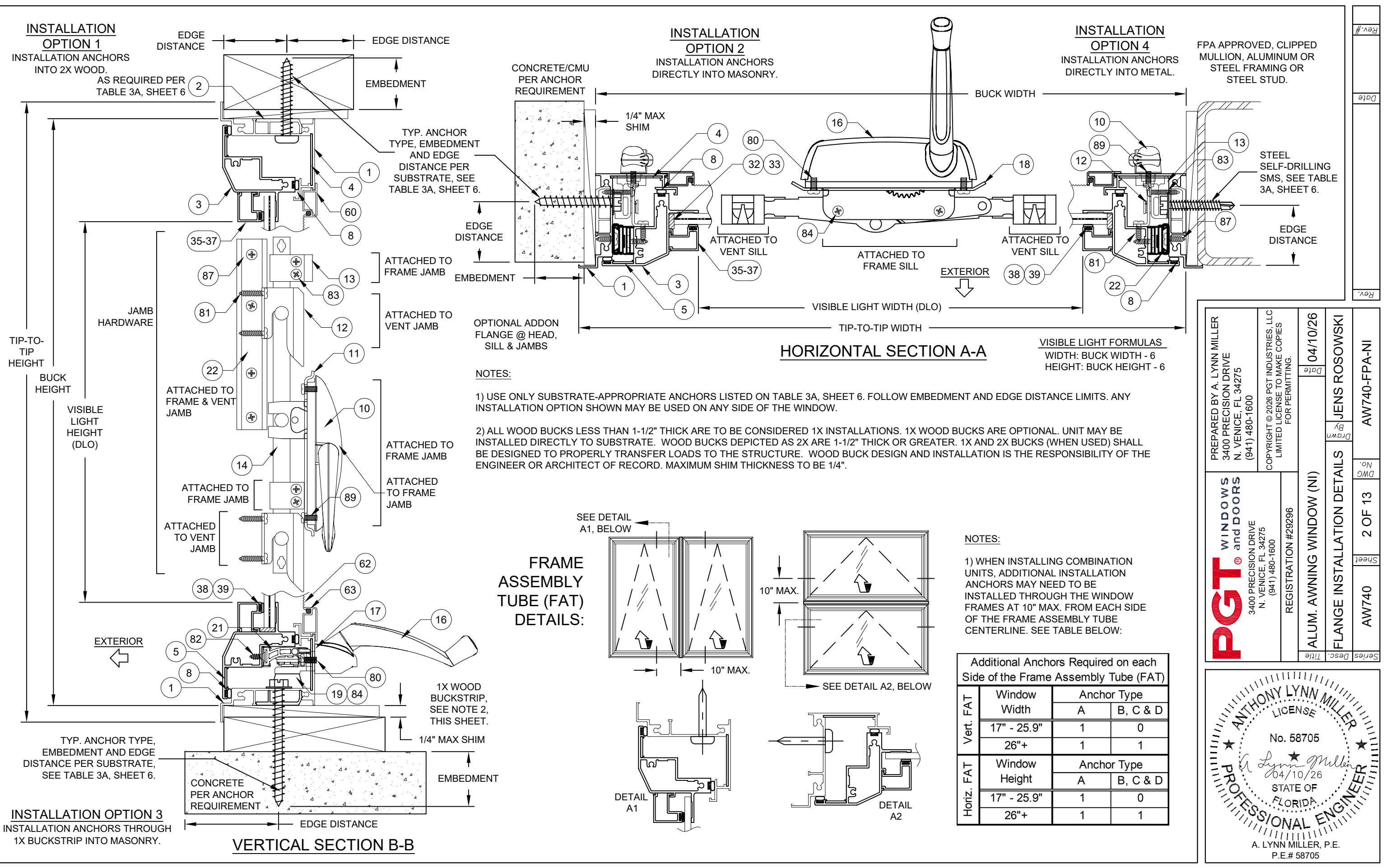
TYP. ELEVATION OF FLANGE FRAME AWNING WINDOW



TYP. ELEVATION OF FIN FRAME AWNING WINDOW

PGT[®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		PREPARED BY A. LYNN MILLER	
		3400 PRECISION DRIVE	
		N. VENICE, FL 34275	
		(941) 480-1600	
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ALUM. AWNING WINDOW (NI)		Date	04/10/26
GENERAL NOTES & ELEVATIONS		By	JENS ROSOWSKI
Sheet		No.	
AW740		1 OF 13	
DWC		No.	
AW740-FPA-NI			





PGT[®] WINDOWS and DOORS

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

REGISTRATION #29296

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ALUM. AWNING WINDOW (NI)

FLANGE INSTALLATION DETAILS

AW740

By JENS ROSOWSKI

Date 04/10/26

Rev. #

2 OF 13

AW740-FPA-NI

ANTHONY LYNN MILLER

LICENSE

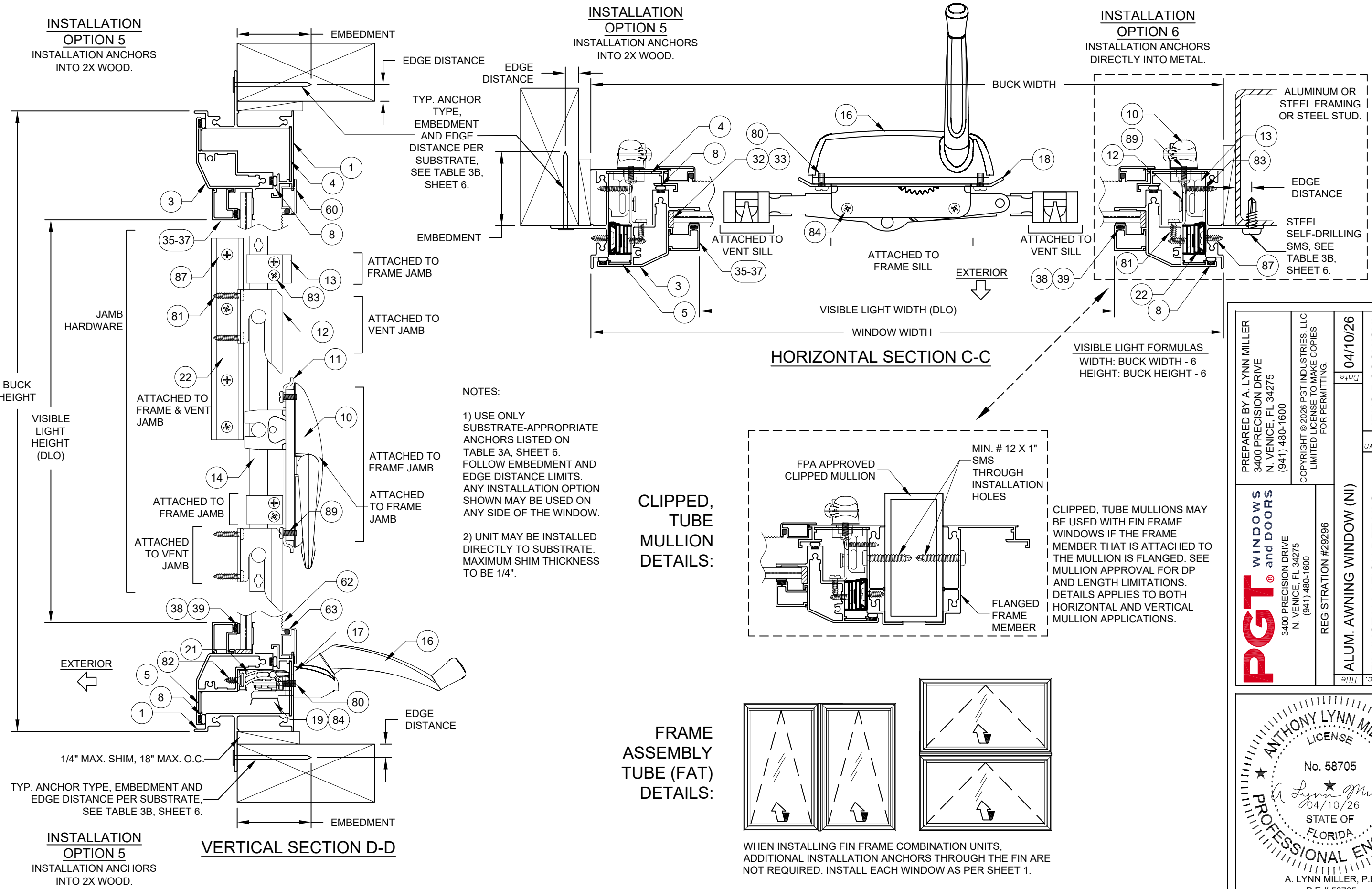
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04/10/26

STATE OF FLORIDA

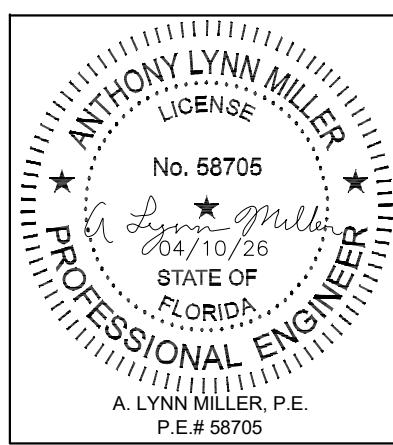
PROFESSIONAL ENGINEER

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

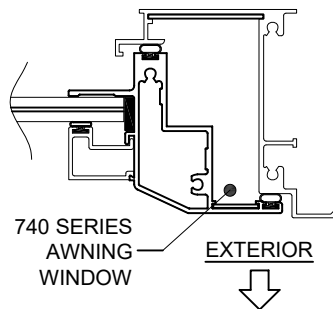
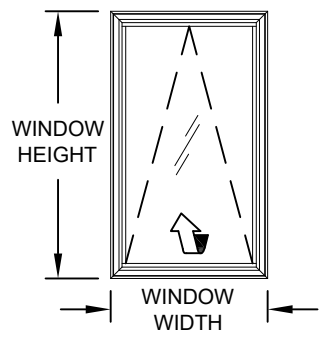


Rev.#	
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PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	ALUM. AWNING WINDOW (NI)	3 OF 13 Sheet	AW740	
FIN INSTALLATION DETAILS				

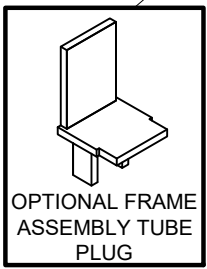


AWNING (X)



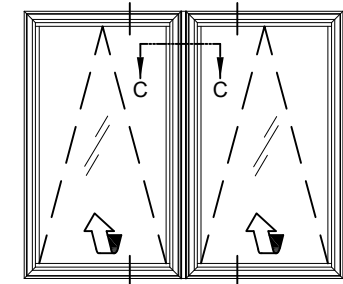
FOR SINGLE UNITS:

- 1) DETERMINE YOUR WINDOW SIZE AND GLASS.
- 2) KNOWING YOUR ANCHOR TYPE AND SUBSTRATE, DETERMINE YOUR ANCHOR GROUP FROM TABLE 3, SHEET 6.
- 3) FROM SHEETS 7-12, FIND THE SHEET FOR YOUR GLASS TYPE. FIND THE PRODUCT'S DESIGN PRESSURE FROM THE TABLE LABELED "DESIGN PRESSURE (PSF) FOR SINGLE WINDOWS, ALL ANCHOR GROUPS".
- 4) DIMENSIONS SHOWN ARE WINDOW. FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLES.
- 5) USING THE TABLE LABELED "WINDOW ANCHORS REQUIRED" (TABLE 2, SHEET 5), DETERMINE THE NUMBER OF ANCHORS NEEDED IN THE HEAD, SILL AND JAMBS OF YOUR WINDOW.
- 6) INSTALL AS PER THE INSTRUCTIONS ON SHEETS 2 OR 3.

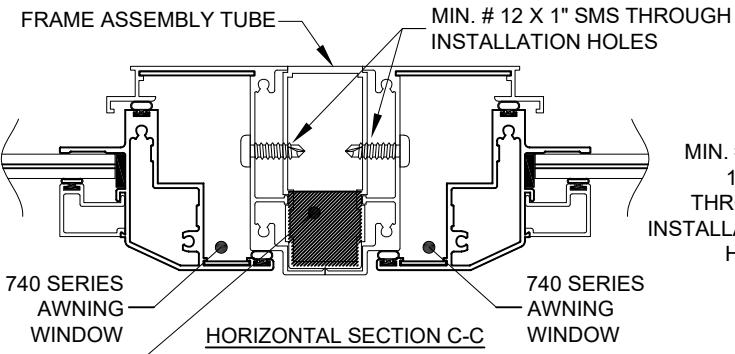
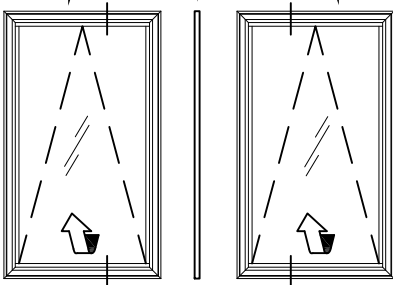


AWNING / AWNING (XX)

FIGURE 1: 10", SEE NOTE 7, THIS SHEET



740 SERIES AWNING WINDOW
FRAME ASSEMBLY TUBE
740 SERIES AWNING WINDOW

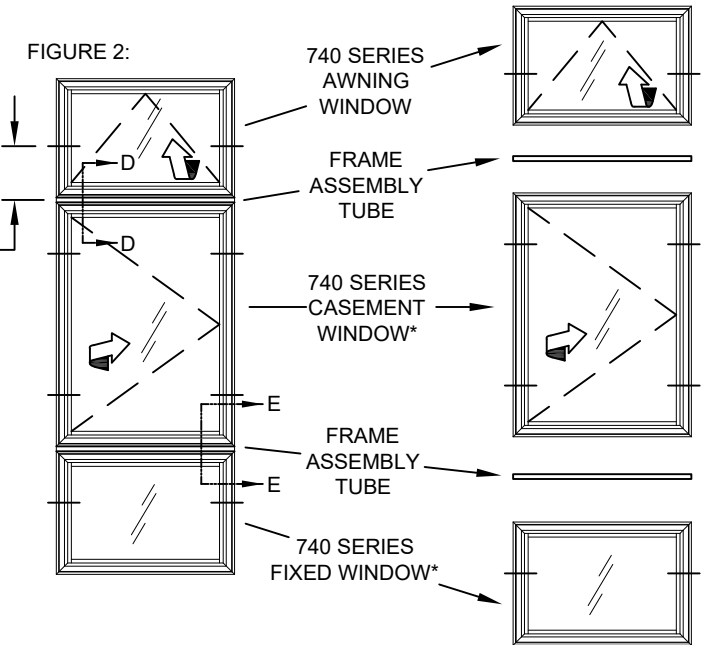


FOR EACH WINDOW IN A VERTICALLY OR HORIZONTALLY COMBINED ASSEMBLY:

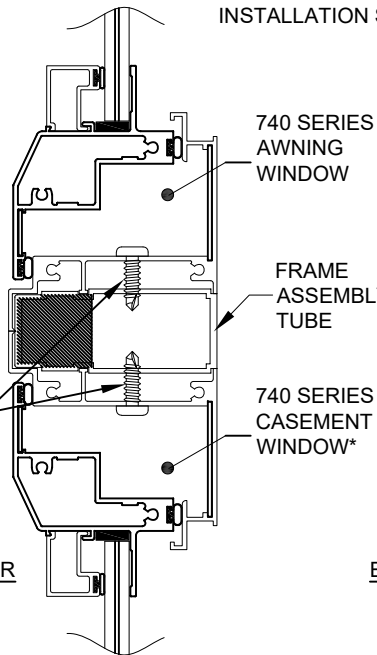
- 1) DETERMINE EACH INDIVIDUAL WINDOW TYPE, SIZE AND GLASS MAKEUP, SEE FIGURES 1 & 2, THIS SHEET. DETERMINE YOUR ANCHOR GROUP FROM TABLE 3, SHEET 6.
- 2) FROM SHEETS 7-12, FIND THE SHEET FOR YOUR GLASS TYPE.
- 3) FIND THE DESIGN PRESSURE FROM THE TABLES LABELED "DESIGN PRESSURE (PSF) FOR WINDOWS ATTACHED TO A VERTICAL FRAME ASSEMBLY TUBE" OR "DESIGN PRESSURE (PSF) FOR WINDOWS ATTACHED TO A HORIZONTAL FRAME ASSEMBLY TUBE", DEPENDING ON WHICH WAY THE FRAME ASSEMBLY TUBE IS ORIENTATED. THIS MUST BE DONE FOR EACH WINDOW IN THE ASSEMBLY, AND THE LOWEST DESIGN PRESSURE APPLIES TO THE ENTIRE ASSEMBLY. DIMENSIONS SHOWN ARE WINDOW. FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLES.
- 4) USING THE TABLE LABELED "WINDOW ANCHORS REQUIRED" (TABLE 2, SHEET 5), DETERMINE THE NUMBER OF ANCHORS NEEDED IN THE HEAD, SILL AND JAMBS OF YOUR WINDOW.
- 5) INSTALL AS PER THE INSTRUCTIONS ON SHEETS 2-4. 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 / FIXED CASEMENT (XXO)

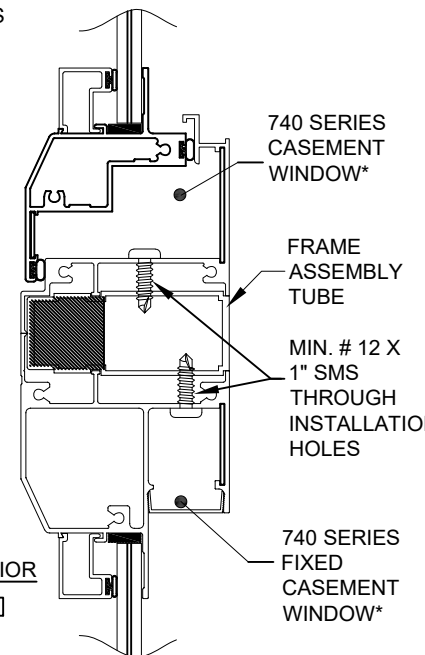
FIGURE 2:



*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, SEE SHEET 2.

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PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		ALUM. AWNING WINDOW (NI)		FRAME ASSEMBLY TUBE DETAILS		4 OF 13	
								AW740	

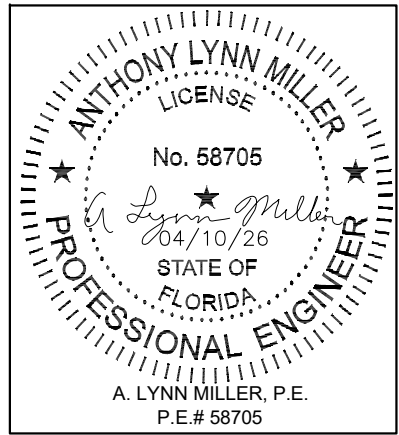


TABLE 2:

Window Anchors Required																																										
			Window Width (in)																																							
			under 23"				25-15/16"				27-7/8"				30-3/4"				32"				34"				37"				46"				53-1/8"				60"			
			Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group							
			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	A	B	C	D				
Window Height (in)	under 23"	Jamb	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
		Head/Sill	2	2	2	2	4	2	2	2	4	2	2	2	4	4	4	4	4	4	4	4	4	4	6	4	4	4	6	4	4	4	8	6	4	4	8	6	6	4		
	25-15/16"	Jamb	3	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2
		Head/Sill	2	2	2	2	4	2	2	2	4	2	2	2	4	4	4	4	4	4	4	4	4	4	6	4	4	4	8	4	4	4	8	6	4	4	10	6	6	4		
	39"	Jamb	5	3	3	2	5	3	3	2	5	4	3	2	6	4	3	2	6	4	3	2	6	4	3	2	6	4	3	2	5	4	3	2	5	3	3	2	5	3	3	2
		Head/Sill	2	2	2	2	4	2	2	2	4	2	2	2	4	4	4	4	4	4	4	4	6	4	4	4	6	4	4	4	8	6	4	4	10	6	6	4	10	8	6	4
	50-5/8"	Jamb	7	4	4	4	7	5	4	4	8	5	4	4	8	5	4	4	8	5	5	4	9	6	5	4	9	6	5	4	9	6	5	4								
		Head/Sill	2	2	2	2	4	2	2	2	4	2	2	2	4	4	4	4	4	4	4	4	6	4	4	4	6	4	4	4	8	6	4	4								
	60"	Jamb	8	5	5	4	9	6	5	4	10	6	5	4	10	7	6	4	10	7	6	4	10	7	6	4	10	7	6	4												
		Head/Sill	2	2	2	2	4	2	2	2	4	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	6	4	4	4												
	63"	Jamb	9	6	5	4	10	6	5	4	10	7	6	4	11	7	6	4	11	7	6	4	11	7	6	4	11	7	6	4												
		Head/Sill	2	2	2	2	4	2	2	2	4	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	6	4	4	4												
	67"	Jamb	10	6	5	4	10	7	6	4	11	7	6	4	11	7	6	4	11	7	6	4	11	7	6	4																
		Head/Sill	2	2	2	2	4	2	2	2	4	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4																
	72"	Jamb	10	7	6	5	11	7	6	5	12	8	6	5	12	8	7	5	12	8	7	5																				
		Head/Sill	2	2	2	2	4	2	2	2	4	2	2	2	4	4	4	4	4	4	4	4	4																			
76"	Jamb	11	7	6	5	12	8	7	5	13	8	7	5	13	8	7	5																									
	Head/Sill	2	2	2	2	4	2	2	2	4	2	2	2	4	4	4	4																									
84"	Jamb	12	8	7	5	14	9	7	5	14	9	8	5																													
	Head/Sill	2	2	2	2	4	2	2	2	4	2	2	2																													

1) USE THIS TABLE FOR ALL FLANGE FRAME WINDOWS PER THE ELEVATIONS ON SHEET 1.
2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
3) DIMENSIONS SHOWN ARE WINDOW TIP-TO-TIP. SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE BUCK SIZE.

Rev. #

Date

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

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ALUM. AWNING WINDOW (NI)
FLANGE FRAME ANCHOR QTYS

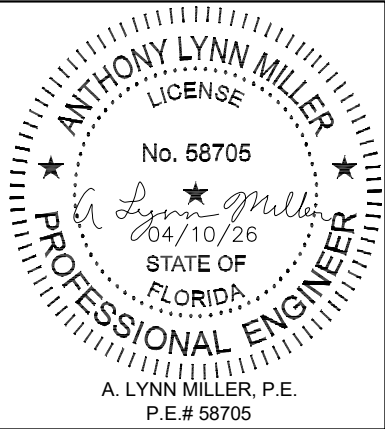
AW740

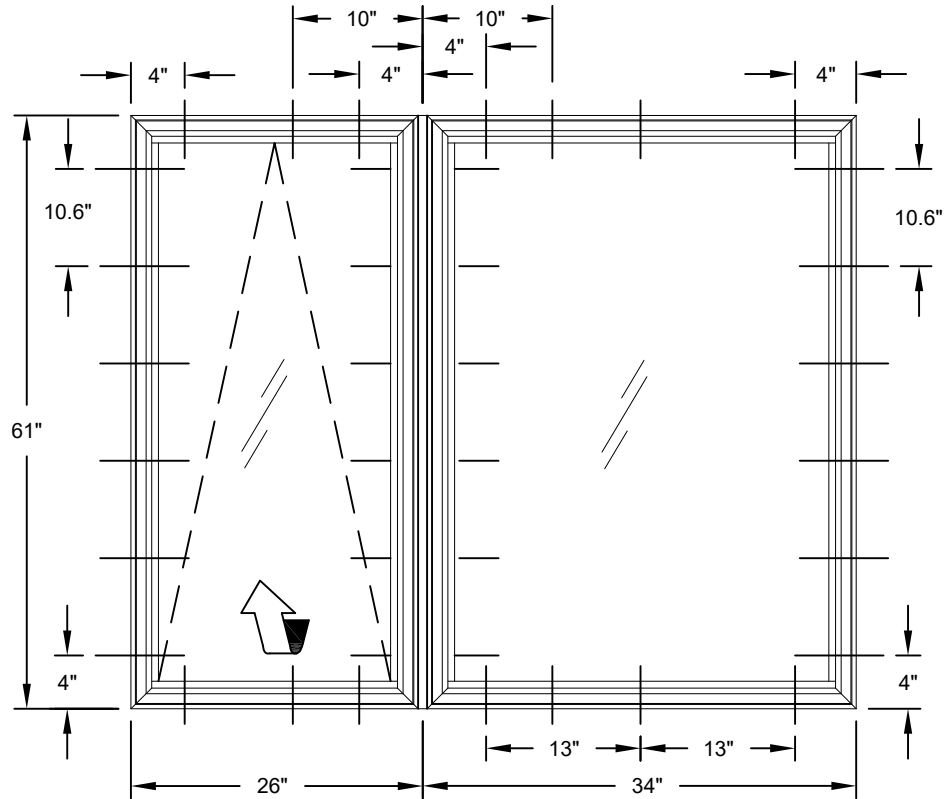
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AW740-FPA-NI

04/10/26

JENS ROSOWSKI





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

AWNING ANCHORS:

A) FROM TABLE 9, ANCHORS C & D ALLOW A DP OF +70/-90.

B) FOR THE JAMB, FROM TABLE 3, ANCHORS IN GROUP C HAVE THE ANCHOR AND SUBSTRATE DESIRED AND DOES NOT REQUIRE THE ANCHOR PLATE IF USING THE CRETEFLEX ANCHOR.

C) FROM TABLE 2, 6 ANCHORS ARE REQUIRED IN EACH JAMB.

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

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

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

FIXED CASEMENT ANCHORS:

A) FROM TABLE 9, A 34" X 61" FIXED CASEMENT WINDOW HAS A DESIGN PRESSURE EXCEEDING THE REQUIREMENT OF +70/-70 USING ANCHORS C OR D.

B) FOR THE JAMB, FROM TABLE 3, ANCHOR TYPE C HAS THE ANCHOR AND SUBSTRATE DESIRED AND DOES NOT REQUIRE THE ANCHOR PLATE IF USING THE CRETEFLEX ANCHOR.

C) FROM TABLE 2A, 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 FIXED CASEMENT (HEAD & SILL).

TABLE 3A: ANCHOR TYPES FOR FLANGE FRAME WINDOWS

Group	Anchor	Substrate	Min. Edge Distance	Min. O.C. Distance	Min. Embedment	Anchor Plate Required?
A	#12 steel SMS (G5) or #14 steel SMS (G5) or #14 410 SS SMS	S. Pine	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
		Hollow Block	1"	3"	1-1/4"	No
		S. Pine	1"	1"	1-3/8"	No
B	1/4" steel Ultracon	2.85k Concrete	2-1/2"	4"	1-3/8"	No
		Hollow Block	1"	6"	1-1/4"	No
		Hollow Block	2-1/2"	5"	1-1/4"	No
C	1/4" steel Ultracon+	3k Concrete	1"	4"	1-3/8"	Yes
		Hollow Block	1"	3"	1-1/4"	Yes
	1/4" 410 SS CreteFlex	3.35k Concrete	1"	5"	1-3/4"	No
		Hollow Block	2-1/2"	5"	1-1/4"	No
D	#12 steel SMS (G5) or #12 410 SS SMS or #14 steel SMS (G5) or #14 410 SS SMS	S. Pine	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
		Hollow Block	2-1/2"	6"	1-1/4"	Yes
	5/16" steel Ultracon	3.5k Concrete	1-1/4"	5"	1-3/4"	No
		Hollow Block	3-1/8"	5"	1-1/4"	No
		Filled Block	2-1/2"	5"	1-3/4"	No
	1/4" steel Ultracon+	3k Concrete	1-5/16"	4"	1-3/8"	Yes
		Hollow Block	1-3/4"	3"	1-1/4"	Yes
		S. Pine	1"	1"	1-3/8"	Yes

TABLE 3B: ANCHOR TYPES FOR FIN FRAME WINDOWS

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

TABLE 3C:

Head Snubber Locations	
Glass Type:	
PVB (Types 1, 3 & 4)	SG (Types 2, 5 & 6)
None Required	20" max. from each end & 20" max O.C.

1) WHERE SUBSTRATE CONDITIONS REQUIRE ANCHORAGE FROM MORE THAN ONE OF THE ANCHOR GROUPS ABOVE, CHOOSE THE ANCHOR GROUP OF THE LOWEST LETTER FOR ALL SUBSEQUENT TABLES IN THIS APPROVAL.

2) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.

3) ANCHORS MAY BE HEXHEAD, PANHEAD OR FLATHEAD. ALL ANCHOR HEAD TYPES ALLOWED.

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ALUM. AWNING WINDOW (NI)

EXAMPLE & ANCHOR DETAILS

AW740

04/10/26

JENS ROSOWSKI

AW740-FPA-NI

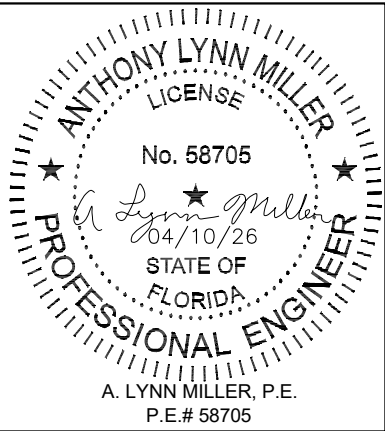
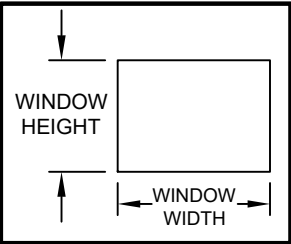


TABLE 5:

		Design Pressure (psf) for Single Windows, All Anchor Groups									
		Window Width									
		under 23"	25-15/16"	27-7/8"	30-3/4"	32"	34"	37"	46"	53-1/8"	60"
Window Height	under 23"	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90
	25-15/16"	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90
	39"	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/-81.1	+70/-71.2
	50-5/8"	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/-89.2	+70/-77.9		
	60"	+70/- 90	+70/- 90	+70/- 90	+70/-86.5	+70/-83.7	+70/-79.6	+70/-74.3			
	63"	+70/- 90	+70/- 90	+70/- 90	+70/-82.3	+70/-79.4	+70/-75.6	+70/- 70.1			
	67"	+70/- 90	+70/- 90	+70/- 83.5	+70/- 76.3	+70/- 73.4	+/- 69.4				
	72"	+70/- 90	+70/-87.2	+70/- 77.4	+/- 69.3	+/- 65.4					
	76"	+70/- 90	+70/- 84.6	+70/- 75.2	+/- 65						
	84"	+70/- 90	+70/- 80.4	+70/- 70.8							



SEE SHEETS 1 & 4 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES.

FOR GLASS TYPES:

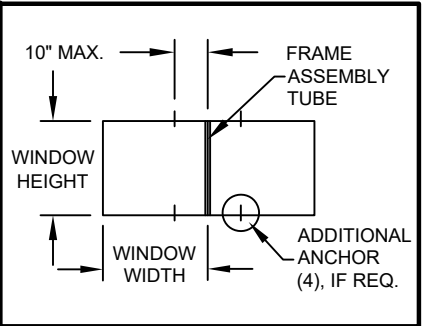
1) 5/16" LAMI (1/8 AN - .090" PVB - 1/8 AN)

FOR FRAME TYPES:

Flange & Integral Fin

TABLE 6:

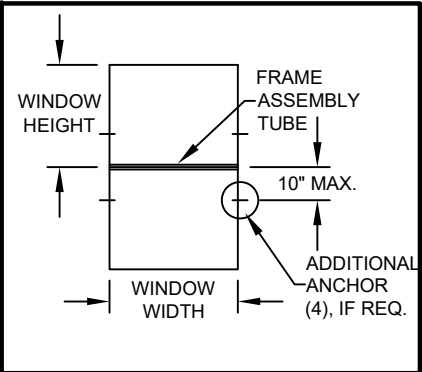
		Design Pressure (psf) for Windows Attached to a Vertical Frame Assembly Tube																						
		Window Width																						
		under 23"				25-15/16"			27-7/8"			30-3/4"		32"		34"		37"		46"		53-1/8"	60"	
		Anchor Group				Anchor Group			Anchor Group			Anchor Group		Anchor Group		Anchor Group		Anchor Group		Anchor Group		Anchor Group	Anchor Group	
		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	A	B, C, D & E	All	All	
Window Height	under 23"	+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	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	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/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	39"	+70/-90	+70/-75.2	+70/-89.9	+70/-90	+70/-83.1	+70/-90	+70/-90	+70/-77.4	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.4	+70/-90	+70/-90	+70/-90	+70/-90	+70/-81.1	+70/-71.2
	50-5/8"	+70/-72.3	+/-57.9	+/-69.3	+70/-90	+/-64	+70/-90	+70/-90	+/-59.6	+70/-90	+70/-90	+70/-81	+70/-90	+70/-77.9	+70/-90	+70/-73.3	+70/-90	+/-67.3	+70/-89.2	+/-54.2	+70/-77.9			
	60"	+/-61	+/-48.9	+/-58.5	+70/-90	+/-54	+70/-86.6	+70/-90	+/-50.3	+70/-80.6	+70/-90	+/-68.4	+70/-86.5	+/-65.7	+70/-83.7	+/-61.8	+70/-79.6	+/-56.8	+70/-74.3					
	63"	+/-58.1	+/-46.5	+/-55.7	+70/-88.7	+/-51.5	+70/-82.5	+70/-90	+/-47.9	+70/-76.8	+70/-90	+/-65.1	+70/-82.3	+/-62.6	+70/-79.4	+/-58.9	+70/-75.6	+/-54.1	+70/-70.1					



SEE SHEETS 1 & 4 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEETS 2 OR 3 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE.

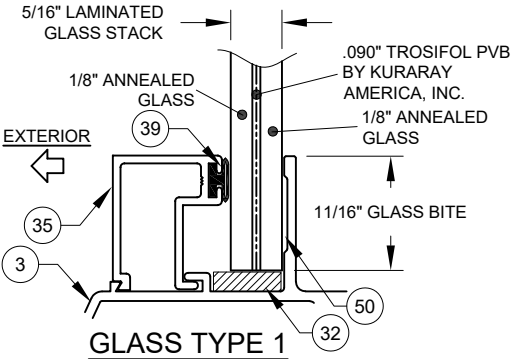
TABLE 7:

		Design Pressure (psf) for Windows Attached to a Horizontal Frame Assembly Tube																						
		Window Width																						
		under 23"	25-15/16"	27-7/8"	30-3/4"	32"	34"			37"			46"				53-1/8"				60"			
		Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group			Anchor Group			Anchor Group				Anchor Group				Anchor Group			
		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
Window Height	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-86.2	+70/-90	+70/-90	+70/-79.2	+70/-90	+70/-79.5	+/-63.7	+70/-76.3	+70/-90	+/-68.9	+/-55.2	+/-66	+70/-90	+/-61	+/-48.9	+/-58.5	+70/-90
	25-15/16"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.6	+70/-90	+70/-90	+70/-70.5	+70/-90	+70/-90	+70/-90	+/-61	+70/-90	+70/-90	+70/-90	+/-54	+70/-86.6	+70/-90	+70/-90
	39"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.4	+70/-90	+70/-90	+70/-70.3	+70/-75.1	+70/-89.9	+70/-90	+/-50.7	+/-65.1	+70/-77.8	+70/-81.1	+/-44.9	+/-57.6	+/-68.9	+70/-71.2
	50-5/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-85.5	+70/-90	+70/-90	+70/-78.6	+70/-89.2	+70/-89.2	+/-63.2	+70/-77.9	+70/-77.9	+70/-77.9								
	60"	+70/-90	+70/-90	+70/-90	+70/-86.5	+70/-83.7	+70/-79.6	+70/-79.6	+70/-79.6	+70/-74.3	+70/-74.3	+70/-74.3												
	63"	+70/-90	+70/-90	+70/-90	+70/-82.3	+70/-79.4	+70/-75.6	+70/-75.6	+70/-75.6	+70/-70.1	+70/-70.1	+70/-70.1												
	67"	+70/-90	+70/-90	+70/-83.5	+70/-76.3	+70/-73.4	+/-69.4	+/-69.4	+/-69.4															
	72"	+70/-90	+70/-87.2	+70/-77.4	+/-69.3	+/-65.4																		
	76"	+70/-90	+70/-84.6	+70/-75.2	+/-65																			
84"	+70/-90	+70/-80.4	+70/-70.8																					



SEE SHEETS 1 & 4 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEETS 2 OR 3 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE.

NOTES:
1) SEE SHEET 1 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) TIP-TO-TIP DIMENSIONS SHOWN. SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE BUCK SIZE.



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04/10/26
Date

By JENS ROSOWSKI

ALUM. AWNING WINDOW (NI)

DESIGN PRESSURES PER
GLAZING TYPES

AW740

No. 58705

7 OF 13

AW740-FPA-NI

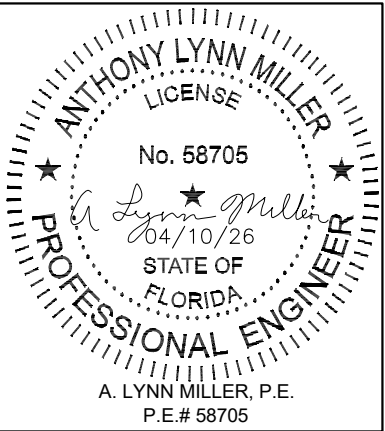
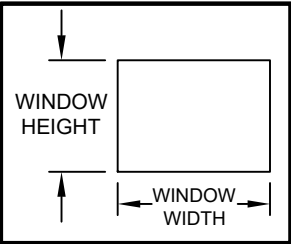


TABLE 8:

		Design Pressure (psf) for Single Windows, All Anchor Groups									
		Window Width									
		under 23"	25-15/16"	27-7/8"	30-3/4"	32"	34"	37"	46"	53-1/8"	60"
Window Height	under 23"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130
	25-15/16"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130
	39"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-128.8
	50-5/8"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130		
	60"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130			
	63"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-129.6			
	67"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130				
	72"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130					
	76"	+90/-130	+90/-130	+90/-130	+90/-130						
	84"	+90/-130	+90/-130	+90/-130							



SEE SHEETS 1 & 4 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES.

FOR GLASS TYPES:

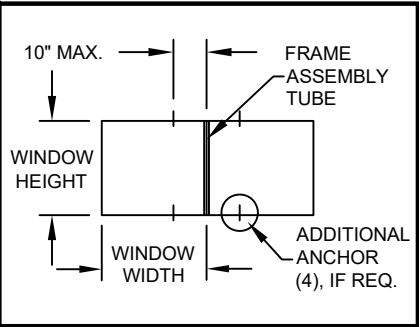
2) 7/16" LAMI (3/16" AN - .090" SG - 3/16" AN)

FOR FRAME TYPES:

Flange Only

TABLE 9:

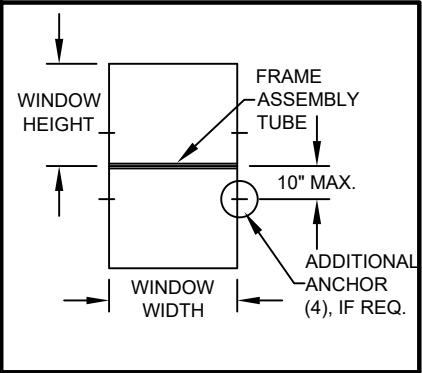
		Design Pressure (psf) for Windows Attached to a Vertical Frame Assembly Tube																						
		Window Width																						
		under 23"				25-15/16"			27-7/8"			30-3/4"		32"		34"		37"			46"	53-1/8"	60"	
		Anchor Group				Anchor Group			Anchor Group			Anchor Group		Anchor Group		Anchor Group		Anchor Group			Anchor Group	Anchor Group	Anchor Group	
		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	All	All	All	
Window Height	under 23"	+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	+70/-90	+70/-90	+70/-90	+70/-90	
	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/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	
	39"	+70/-90	+70/-75.2	+70/-89.9	+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	+70/-90	
	50-5/8"	+70/-72.3	+/-57.9	+/-69.3	+70/-90	+70/-90	+70/-90	+70/-90	+70/-89.4	+70/-90	+70/-90	+70/-81	+70/-90	+70/-77.9	+70/-90	+70/-73.3	+70/-90	+70/-89.8	+70/-90	+70/-90	+70/-90	+70/-90		
	60"	+/-61	+/-48.9	+/-58.5	+70/-90	+70/-81.1	+70/-86.6	+70/-90	+70/-75.5	+70/-80.6	+70/-90	+/-68.4	+70/-90	+/-65.7	+70/-90	+/-61.8	+70/-90	+70/-75.8	+70/-90	+70/-90				
63"	+/-58.1	+/-46.5	+/-55.7	+70/-88.7	+70/-77.2	+70/-82.5	+70/-90	+70/-71.9	+70/-76.8	+70/-90	+/-65.1	+70/-90	+/-62.6	+70/-90	+/-58.9	+70/-90	+70/-72.2	+70/-86.7	+70/-90					



SEE SHEETS 1 & 4 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEETS 2 OR 3 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE.

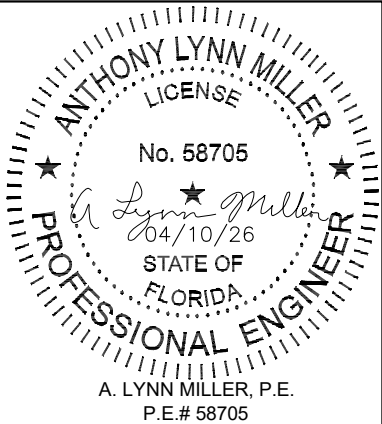
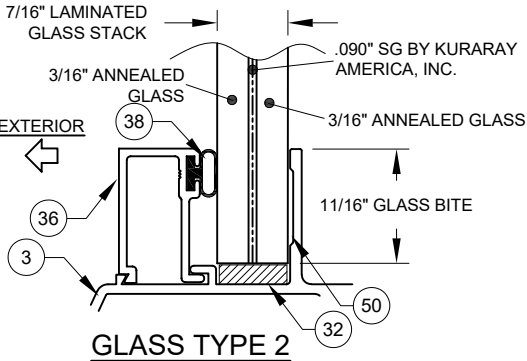
TABLE 10:

		Design Pressure (psf) for Windows Attached to a Horizontal Frame Assembly Tube																						
		Window Width																						
		under 23"	25-15/16"	27-7/8"	30-3/4"	32"	34"			37"			46"				53-1/8"				60"			
		Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group			Anchor Group			Anchor Group				Anchor Group				Anchor Group			
		All	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 Height	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-86.2	+70/-90	+70/-90	+70/-79.2	+70/-90	+70/-79.5	+/-63.7	+70/-76.3	+70/-90	+/-68.9	+/-55.2	+/-66	+70/-90	+/-61	+/-48.9	+/-58.5	+70/-90
	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/-88.1	+70/-90	+70/-90	+70/-90	+70/-76.3	+70/-90	+70/-90	+70/-90	+/-67.5	+70/-86.6	+70/-90	+70/-90
	39"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-82	+70/-90	+70/-90	+70/-90	+70/-71	+70/-81.3	+70/-90	+70/-90	+/-62.9	+70/-72	+70/-86.2	+70/-90
	50-5/8"	+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								
	60"	+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								
	63"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90												
	67"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90															
	72"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90																		
	76"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90																		
84"	+70/-90	+70/-90	+70/-90																					



SEE SHEETS 1 & 4 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEETS 2 OR 3 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE.

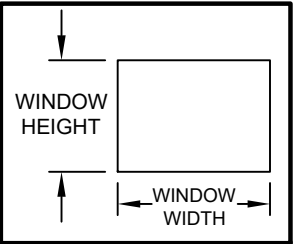
NOTES:
1) SEE SHEET 1 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) TIP-TO-TIP DIMENSIONS SHOWN. SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE BUCK SIZE.



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DESIGN PRESSURES PER GLAZING TYPES		JENS ROSOWSKI		By	
AW740		8 OF 13		DWG No.	
Series		Desc.		Title	
AW740		8 OF 13		AW740-FPA-NI	

TABLE 11:

		Design Pressure (psf) for Single Windows, All Anchor Groups									
		Window Width									
		under 23"	25-15/16"	27-7/8"	30-3/4"	32"	34"	37"	46"	53-1/8"	60"
Window Height	under 23"	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90
	25-15/16"	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90
	39"	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/-83.2	+70/-73.1
	50-5/8"	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/- 90	+70/-80		
	60"	+70/- 90	+70/- 90	+70/- 90	+70/-88.8	+70/-85.8	+70/-81.7	+70/-76.2			
	63"	+70/- 90	+70/- 90	+70/- 90	+70/-84.4	+70/-81.5	+70/-77.5	+70/-71.9			
	67"	+70/- 90	+70/- 90	+70/-85.6	+70/-78.3	+70/- 75.3	+70/- 71.2				
	72"	+70/- 90	+70/-89.5	+70/- 79.4	+70/- 71.1	+/- 67.1					
	76"	+70/- 90	+70/-86.8	+70/- 77.2	+/- 66.6						
	84"	+70/- 90	+70/- 82.5	+70/- 72.7							



SEE SHEETS 1 & 4 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES.

FOR GLASS TYPES:

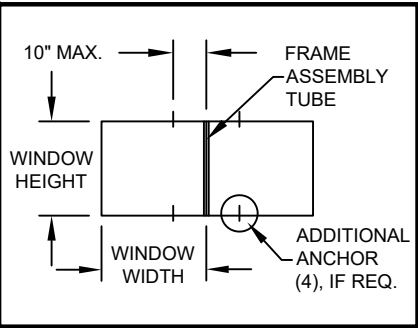
3) 7/8" LAMI. IG: (1/8" AN - 7/16" AIR - 1/8" AN - .090" PVB - 1/8" AN)

FOR FRAME TYPES:

Flange & Integral Fin

TABLE 12:

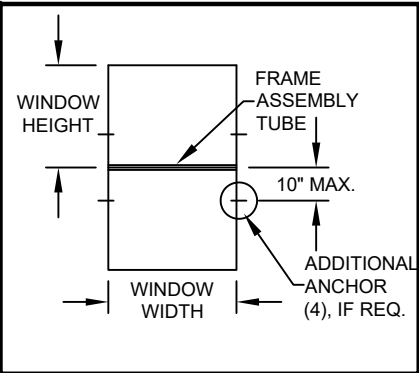
		Design Pressure (psf) for Windows Attached to a Vertical Frame Assembly Tube																									
		Window Width																									
		under 23"				25-15/16"			27-7/8"			30-3/4"		32"		34"		37"		46"		53-1/8"		60"			
		Anchor Group				Anchor Group			Anchor Group			Anchor Group		Anchor Group		Anchor Group		Anchor Group		Anchor Group		Anchor Group		Anchor Group			
		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	A	B, C, D & E	A	B, C, D & E	A	B, C, D & E		
Window Height	under 23"	+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	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90		
	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/-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		
	39"	+70/-90	+70/-75.2	+70/-89.9	+70/-90	+70/-83.1	+70/-90	+70/-90	+70/-90	+70/-77.4	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.4	+70/-90	+70/-90	+70/-90	+70/-90	+70/-81.2	+70/-83.2	+70/-71.9	+70/-73.1
	50-5/8"	+70/-72.3	+/-57.9	+/-69.3	+70/-90	+/-64	+70/-90	+70/-90	+70/-90	+/-59.6	+70/-90	+70/-90	+70/-81	+70/-90	+70/-77.9	+70/-90	+70/-73.3	+70/-90	+/-67.3	+70/-90	+/-54.2	+70/-80					
	60"	+/-61	+/-48.9	+/-58.5	+70/-90	+/-54	+70/-86.6	+70/-90	+70/-90	+/-50.3	+70/-80.6	+70/-90	+/-68.4	+70/-88.8	+/-65.7	+70/-85.8	+/-61.8	+70/-81.7	+/-56.8	+70/-76.2							
63"	+/-58.1	+/-46.5	+/-55.7	+70/-88.7	+/-51.5	+70/-82.5	+70/-90	+70/-90	+/-47.9	+70/-76.8	+70/-90	+/-65.1	+70/-84.4	+/-62.6	+70/-81.5	+/-58.9	+70/-77.5	+/-54.1	+70/-71.9								



SEE SHEETS 1 & 4 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEETS 2 OR 3 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE.

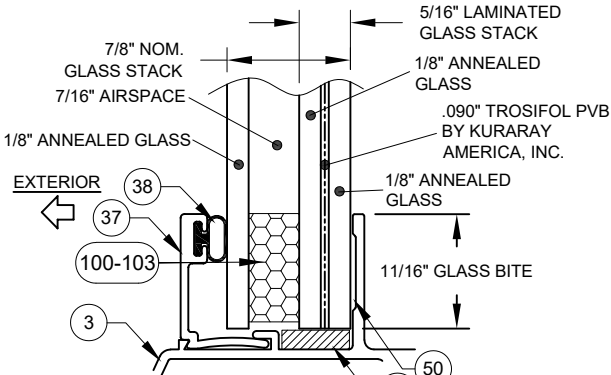
TABLE 13:

		Design Pressure (psf) for Windows Attached to a Horizontal Frame Assembly Tube																							
		Window Width																							
		under 23"	25-15/16"	27-7/8"	30-3/4"	32"	34"			37"			46"				53-1/8"				60"				
		Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group			Anchor Group			Anchor Group				Anchor Group				Anchor Group				
		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	
Window Height	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-86.2	+70/-90	+70/-90	+70/-79.2	+70/-90	+70/-79.5	+/-63.7	+70/-76.3	+70/-90	+/-68.9	+/-55.2	+/-66	+70/-90	+/-61	+/-48.9	+/-58.5	+70/-90	
	25-15/16"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.6	+70/-90	+70/-90	+70/-70.5	+70/-90	+70/-90	+70/-90	+/-61	+70/-90	+70/-90	+70/-90	+/-54	+70/-86.6	+70/-90	+70/-90	
	39"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.4	+70/-90	+70/-90	+70/-70.3	+70/-75.1	+70/-89.9	+70/-90	+/-50.7	+/-65.1	+70/-77.8	+70/-83.2	+/-44.9	+/-57.6	+/-68.9	+70/-73.1	
	50-5/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-85.5	+70/-90	+70/-90	+70/-89.8	+70/-90	+70/-90	+/-63.2	+70/-80	+70/-80	+70/-80									
	60"	+70/-90	+70/-90	+70/-90	+70/-88.8	+70/-85.8	+70/-81.7	+70/-81.7	+70/-81.7	+70/-75.8	+70/-76.2	+70/-76.2					+70/-76.2	+70/-76.2							
	63"	+70/-90	+70/-90	+70/-90	+70/-84.4	+70/-81.5	+70/-77.5	+70/-77.5	+70/-77.5	+70/-71.9	+70/-71.9	+70/-71.9													
	67"	+70/-90	+70/-90	+70/-85.6	+70/-78.3	+70/-75.3	+70/-71.2	+70/-71.2	+70/-71.2																
	72"	+70/-90	+70/-89.5	+70/-79.4	+70/-71.1	+/-67.1																			
	76"	+70/-90	+70/-86.8	+70/-77.2	+/-66.6																				
	84"	+70/-90	+70/-82.5	+70/-72.7																					



SEE SHEETS 1 & 4 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEETS 2 OR 3 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE.

NOTES:
1) SEE SHEET 1 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) TIP-TO-TIP DIMENSIONS SHOWN. SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE BUCK SIZE.



GLASS TYPE 3

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

DATE: 04/10/26
BY: JENS ROSOWSKI

ALUM. AWNING WINDOW (NI)
DESIGN PRESSURES PER
GLAZING TYPES

DWG No. 9 OF 13
Sheet 9 OF 13

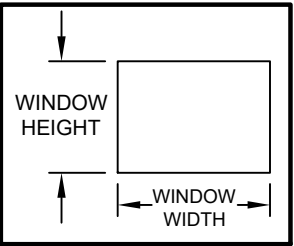
AW740-FPA-NI
AW740

ANTHONY LYNN MILLER
LICENSE
No. 58705
04/10/26
STATE OF FLORIDA
A. LYNN MILLER, P.E.
P.E.# 58705

PROFESSIONAL ENGINEER

TABLE 14:

		Design Pressure (psf) for Single Windows, All Anchor Groups									
		Window Width									
		under 23"	25-15/16"	27-7/8"	30-3/4"	32"	34"	37"	46"	53-1/8"	60"
Window Height	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	25-15/16"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	39"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-81.2
	50-5/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-88.8		
	60"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-84.6			
	63"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-86.1	+70/-79.9			
	67"	+70/-90	+70/-90	+70/-90	+70/-87	+70/-83.6	+70/-79.1				
	72"	+70/-90	+70/-90	+70/-88.2	+70/-79	+70/-74.6					
	76"	+70/-90	+70/-90	+70/-85.8	+70/- 74						
	84"	+70/-90	+70/-90	+70/-80.8							



SEE SHEETS 1
& 4 FOR
WINDOW
ANCHOR
LOCATIONS
AND
QUANTITIES.

FOR GLASS TYPES:

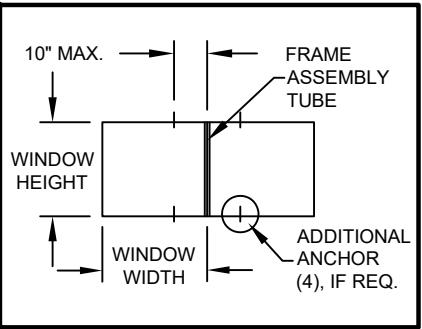
4) 7/8" LAMI. IG: (1/8" T - 7/16" AIR - 1/8" AN - .090" PVB - 1/8" AN)

FOR FRAME TYPES:

Flange & Integral Fin

TABLE 15:

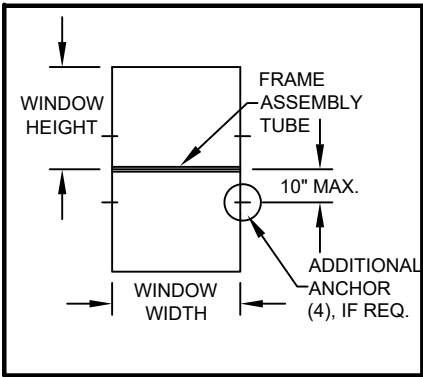
		Design Pressure (psf) for Windows Attached to a Vertical Frame Assembly Tube																								
		Window Width																								
		under 23"				25-15/16"			27-7/8"			30-3/4"		32"		34"		37"		46"			53-1/8"		60"	
		Anchor Group				Anchor Group			Anchor Group			Anchor Group		Anchor Group		Anchor Group		Anchor Group			Anchor Group		Anchor Group			
		A	B	C	D	A	B	C & D	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	All	
Window Height	under 23"	+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	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	
	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/-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	
	39"	+70/-90	+70/-75.2	+70/-89.9	+70/-90	+70/-83.1	+70/-90	+70/-90	+70/-90	+70/-77.4	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.4	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-81.2	+70/-90	+70/-81.2
	50-5/8"	+70/-72.3	+/-57.9	+/-69.3	+70/-90	+/-64	+70/-90	+70/-90	+/-59.6	+70/-90	+70/-90	+70/-81	+70/-90	+70/-77.9	+70/-90	+70/-73.3	+70/-90	+/-67.3	+70/-90	+70/-72.2	+70/-86.8	+70/-88.8				
	60"	+/-61	+/-48.9	+/-58.5	+70/-90	+/-54	+70/-86.6	+70/-90	+/-50.3	+70/-80.6	+70/-90	+/-68.4	+70/-90	+/-65.7	+70/-90	+/-61.8	+70/-90	+/-56.8	+70/-84.6							
63"	+/-58.1	+/-46.5	+/-55.7	+70/-88.7	+/-51.5	+70/-82.5	+70/-90	+/-47.9	+70/-76.8	+70/-90	+/-65.1	+70/-90	+/-62.6	+70/-90	+/-58.9	+70/-86.1	+/-54.1	+70/-79.9								



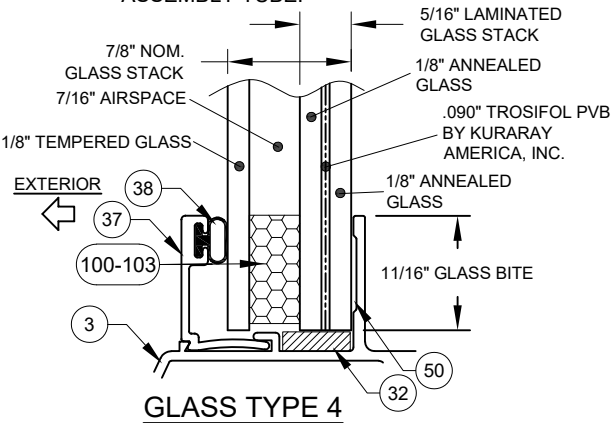
SEE SHEETS 1 & 4 FOR WINDOW
ANCHOR LOCATIONS AND QUANTITIES.
SEE SHEETS 2 OR 3 FOR ANY
ADDITIONAL ANCHORS REQUIRED FOR
THE FRAME ASSEMBLY TUBE.

TABLE 16:

		Design Pressure (psf) for Windows Attached to a Horizontal Frame Assembly Tube																						
		Window Width																						
		under 23"	25-15/16"	27-7/8"	30-3/4"	32"	34"			37"			46"				53-1/8"				60"			
		Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group			Anchor Group			Anchor Group				Anchor Group				Anchor Group			
		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
Window Height	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-86.2	+70/-90	+70/-90	+70/-79.2	+70/-90	+70/-79.5	+/-63.7	+70/-76.3	+70/-90	+/-68.9	+/-55.2	+/-66	+70/-90	+/-61	+/-48.9	+/-58.5	+70/-90
	25-15/16"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.6	+70/-90	+70/-90	+70/-70.5	+70/-90	+70/-90	+70/-90	+/-61	+70/-90	+70/-90	+70/-90	+/-54	+70/-86.6	+70/-90	+70/-90
	39"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.4	+70/-90	+70/-90	+70/-70.3	+70/-75.1	+70/-89.9	+70/-90	+/-60.9	+/-65.1	+70/-77.8	+70/-90	+/-44.9	+/-57.6	+/-68.9	+70/-81.2
	50-5/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-85.5	+70/-90	+70/-90	+70/-89.8	+70/-90	+70/-90	+70/-72.2	+70/-86.8	+70/-88.8	+70/-88.8								
	60"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.6	+70/-90	+70/-90	+70/-84.6	+70/-90	+70/-90	+70/-84.6	+70/-84.6	+70/-84.6									
	63"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-86.1	+70/-86.1	+70/-86.1	+70/-79.9	+70/-79.9	+70/-79.9												
	67"	+70/-90	+70/-90	+70/-90	+70/-87	+70/-83.6	+70/-79.1	+70/-79.1	+70/-79.1															
	72"	+70/-90	+70/-90	+70/-88.2	+70/-79	+70/-74.6																		
	76"	+70/-90	+70/-90	+70/-85.8	+70/-74																			
84"	+70/-90	+70/-90	+70/-80.8																					



SEE SHEETS 1 & 4 FOR WINDOW ANCHOR
LOCATIONS AND QUANTITIES. SEE
SHEETS 2 OR 3 FOR ANY ADDITIONAL
ANCHORS REQUIRED FOR THE FRAME
ASSEMBLY TUBE.



NOTES:
1) SEE SHEET 1 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) TIP-TO-TIP DIMENSIONS SHOWN. SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE BUCK SIZE.

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REGISTRATION #29296

ALUM. AWNING WINDOW (NI)

DESIGN PRESSURES PER
GLAZING TYPES

AW740

10 OF 13

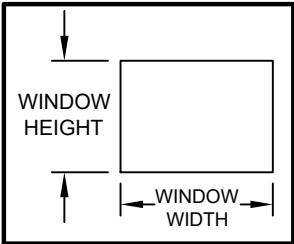
104/10/26

JENS ROSOWSKI

AW740-FPA-NI

TABLE 17:

		Design Pressure (psf) for Single Windows, All Anchor Groups									
		Window Width									
		under 23"	25-15/16"	27-7/8"	30-3/4"	32"	34"	37"	46"	53-1/8"	60"
Window Height	under 23"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130
	25-15/16"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130
	39"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130
	50-5/8"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130		
	60"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130			
	63"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130				
	67"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130					
	72"	+90/-130	+90/-130	+90/-130	+90/-130						
	76"	+90/-130	+90/-130	+90/-130							
	84"	+90/-130	+90/-130								



SEE SHEETS 1 & 4 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES.

FOR GLASS TYPES:

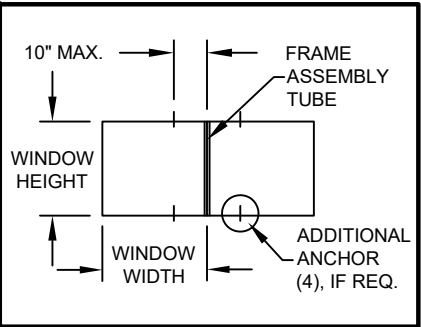
- 5) 7/8" LAMI. IG: (3/16" AN - 1/4" AIR - 3/16" AN - .090" SG - 3/16" AN)
6) 7/8" LAMI. IG: (3/16" T - 1/4" AIR - 3/16" AN - .090" SG - 3/16" AN)

FOR FRAME TYPES:

Flange Only

TABLE 18:

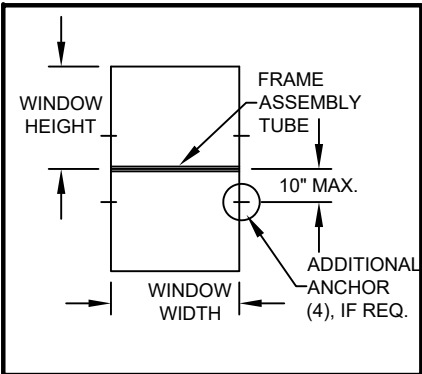
		Design Pressure (psf) for Windows Attached to a Vertical Frame Assembly Tube																					
		Window Width																					
		under 23"				25-15/16"			27-7/8"			30-3/4"		32"		34"		37"			46"	53-1/8"	60"
		Anchor Group				Anchor Group			Anchor Group			Anchor Group		Anchor Group		Anchor Group		Anchor Group			Anchor Group	Anchor Group	Anchor Group
		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	All	All	All
Window Height	under 23"	+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	+70/-90	+70/-90	+70/-90	+70/-90
	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/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	39"	+70/-90	+70/-75.2	+70/-89.9	+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	+70/-90
	50-5/8"	+70/-72.3	+/-57.9	+/-69.3	+70/-90	+70/-90	+70/-90	+70/-90	+70/-89.4	+70/-90	+70/-90	+70/-81	+70/-90	+70/-77.9	+70/-90	+70/-73.3	+70/-90	+70/-89.8	+70/-90	+70/-90	+70/-90		
	60"	+/-61	+/-48.9	+/-58.5	+70/-90	+70/-81.1	+70/-86.6	+70/-90	+70/-75.5	+70/-80.6	+70/-90	+/-68.4	+70/-90	+/-65.7	+70/-90	+/-61.8	+70/-90	+70/-75.8	+70/-90	+70/-90	+70/-90		
63"	+/-58.1	+/-46.5	+/-55.7	+70/-88.7	+70/-77.2	+70/-82.5	+70/-90	+70/-71.9	+70/-76.8	+70/-90	+/-65.1	+70/-90	+/-62.6	+70/-90	+/-58.9	+70/-90	+70/-72.2	+70/-86.7	+70/-90				



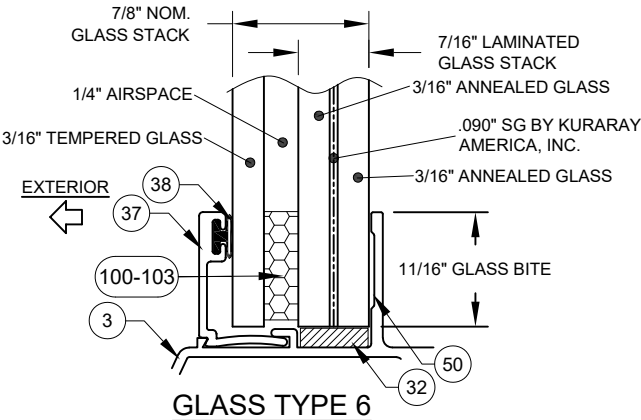
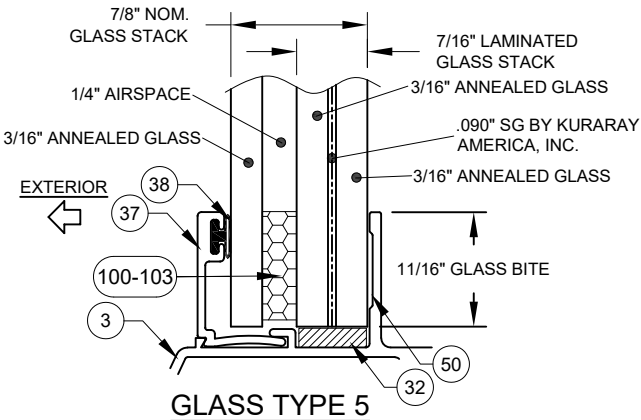
SEE SHEETS 1 & 4 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEETS 2 OR 3 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE.

TABLE 19:

		Design Pressure (psf) for Windows Attached to a Horizontal Frame Assembly Tube																							
		Window Width																							
		under 23"	25-15/16"	27-7/8"	30-3/4"	32"	34"			37"			46"				53-1/8"				60"				
		Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group			Anchor Group			Anchor Group				Anchor Group				Anchor Group				
		All	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 Height	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-86.2	+70/-90	+70/-90	+70/-79.2	+70/-90	+70/-79.5	+/-63.7	+70/-76.3	+70/-90	+/-68.9	+/-55.2	+/-66	+70/-90	+/-61	+/-48.9	+/-58.5	+70/-90	
	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/-88.1	+70/-90	+70/-90	+70/-90	+70/-76.3	+70/-90	+70/-90	+70/-90	+/-67.5	+70/-86.6	+70/-90	+70/-90	
	39"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-82	+70/-90	+70/-90	+70/-90	+70/-71	+70/-81.3	+70/-90	+70/-90	+/-62.9	+70/-72	+70/-86.2	+70/-90	
	50-5/8"	+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									
	60"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+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													
	67"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90																
	72"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90																			
	76"	+70/-90	+70/-90	+70/-90	+70/-90																				
84"	+70/-90	+70/-90	+70/-90																						



SEE SHEETS 1 & 4 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEETS 2 OR 3 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE.



NOTES:
1) SEE SHEET 1 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) TIP-TO-TIP DIMENSIONS SHOWN. SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE BUCK 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

ALUM. AWNING WINDOW (NI)
DESIGN PRESSURES PER
GLAZING TYPES
AW740

11 OF 13

AW740-FPA-NI

By JENS ROSOWSKI

Date 04/10/26

Series Desc Title

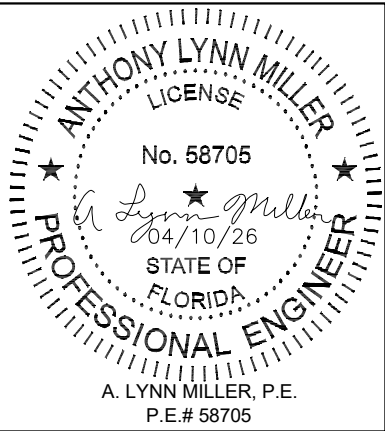
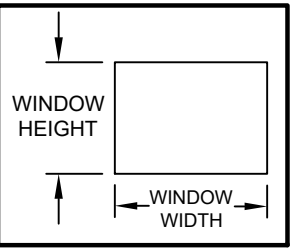


TABLE 20:

Design Pressure (psf) for Single Windows, All Anchor Groups											
		Window Width									
		under 23"	25-15/16"	27-7/8"	30-3/4"	32"	34"	37"	46"	53-1/8"	60"
Window Height	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	25-15/16"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	39"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	50-5/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90		
	60"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90			
	63"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90			
	67"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90				
	72"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90					
	76"	+70/-90	+70/-90	+70/-90	+70/-90						
	84"	+70/-90	+70/-90	+70/-90							



SEE SHEETS 1 & 5 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES.

FOR GLASS TYPES:

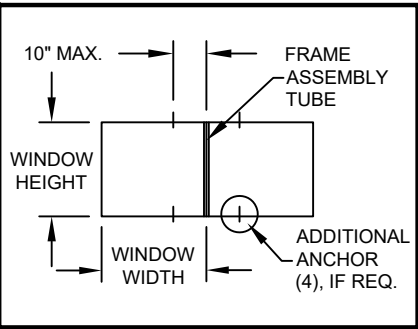
- 2) 7/16" LAMI (3/16" AN - .090" SG - 3/16" AN)
5) 7/8" LAMI. IG: (3/16" AN - 1/4" AIR - 3/16" AN - .090" SG - 3/16" AN)
6) 7/8" LAMI. IG: (3/16" T - 1/4" AIR - 3/16" AN - .090" SG - 3/16" AN)

FOR FRAME TYPES:

Integral Fin Only

TABLE 21:

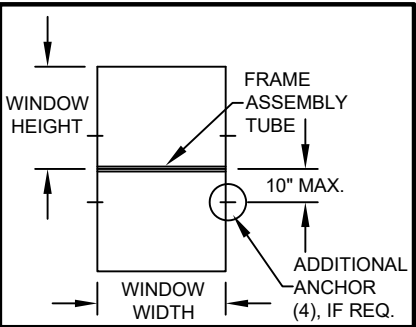
Design Pressure (psf) for Windows Attached to a Vertical Frame Assembly Tube											
		Window Width									
		under 23"	25-15/16"	27-7/8"	30-3/4"	32"	34"	37"	46"	53-1/8"	60"
Window Height	Anchor Group										
	E	E	E	E	E	E	E	E	E	E	E
	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	25-15/16"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	39"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	50-5/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90		
	60"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90			
	63"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90				



SEE SHEETS 1 & 5 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEET 4 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE.

TABLE 22:

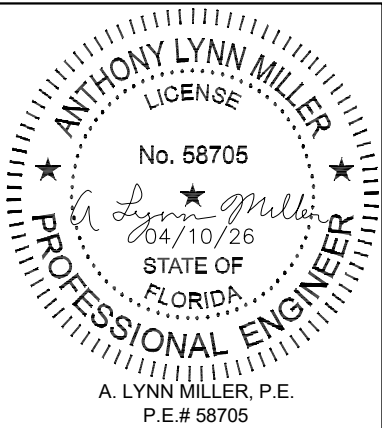
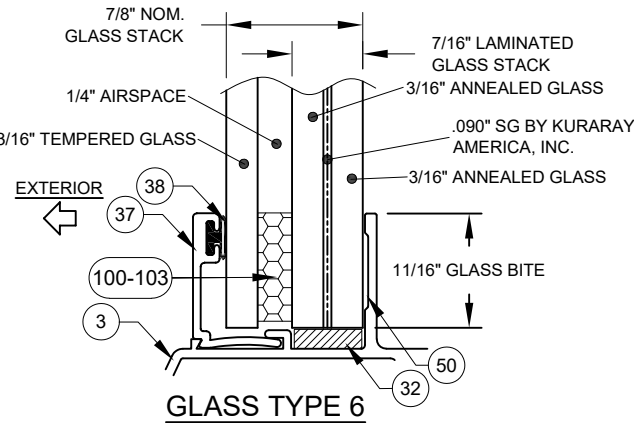
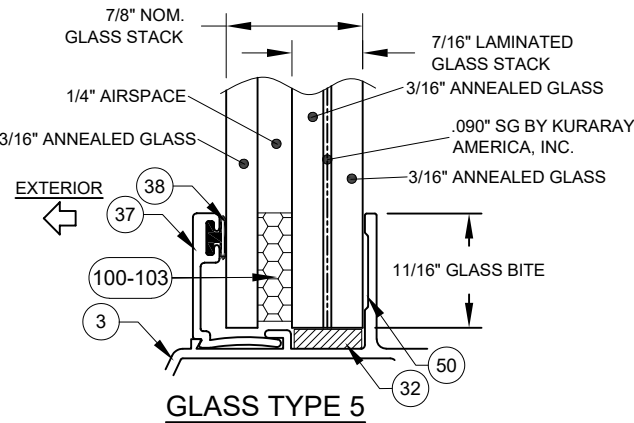
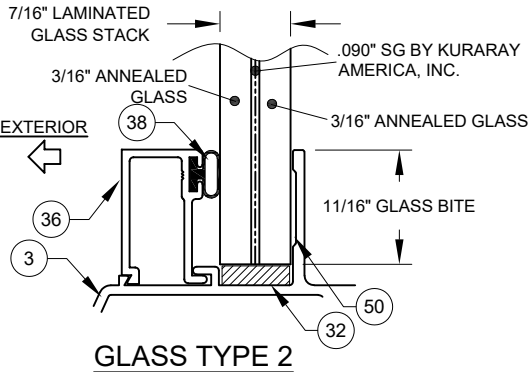
Design Pressure (psf) for Windows Attached to a Horizontal Frame Assembly Tube											
		Window Width									
		under 23"	25-15/16"	27-7/8"	30-3/4"	32"	34"	37"	46"	53-1/8"	60"
Window Height	Anchor Group										
	E	E	E	E	E	E	E	E	E	E	E
	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	25-15/16"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	39"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	50-5/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90			
	60"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90				
	63"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90				
	67"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90					
	72"	+70/-90	+70/-90	+70/-90	+70/-90						



SEE SHEETS 1 & 5 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES. SEE SHEET 4 FOR ANY ADDITIONAL ANCHORS REQUIRED FOR THE FRAME ASSEMBLY TUBE.

NOTES:
1) SEE SHEET 1 FOR ADDITIONAL SAMPLE CONFIGURATIONS.

2) TIP-TO-TIP DIMENSIONS SHOWN. SUBTRACT 1" FROM THE TIP-TO-TIP DIMENSION IN THE TABLE TO DETERMINE THE BUCK SIZE.



PGT[®] WINDOWS and DOORS

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

REGISTRATION #29296

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

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ALUM. AWNING WINDOW (NI)

DESIGN PRESSURES PER
GLAZING TYPES

AW740

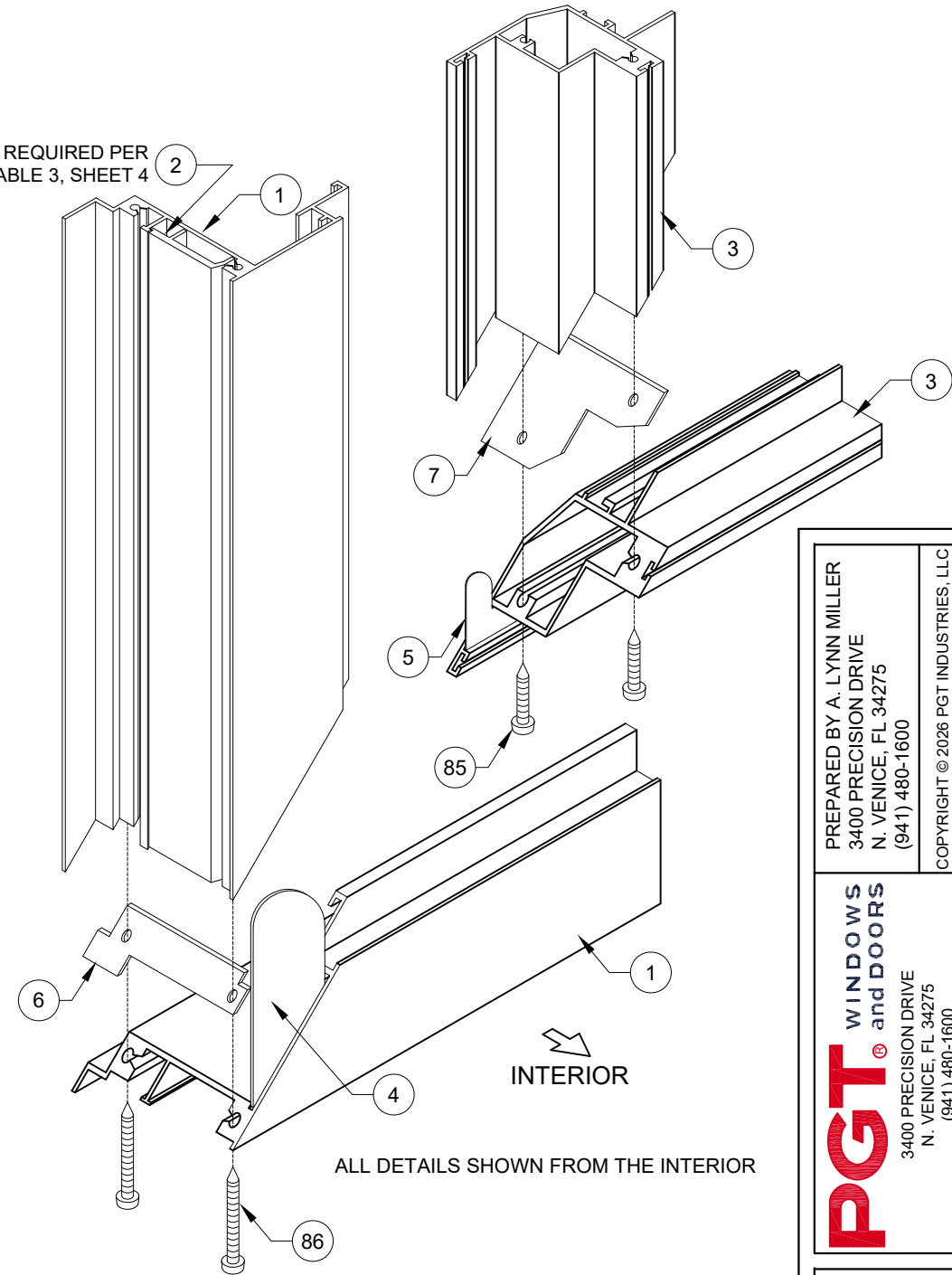
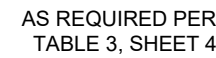
04/10/26

JENS ROSOWSKI

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AW740-FPA-NI

Item	Dwg. #	Description	Mat.
1	7002	Main Frame Head, Sill & Jamb, Flange	6063-T6 Alum.
2	7071	Anchor Plate	6063-T6 Alum.
3	7003	Sash Top, Bottom & Side Rail	6063-T6 Alum.
4	7008	Frame Corner Key	Steel
5	7009	Sash Corner Key	Steel
6	7078	Frame Gasket	Vinyl Foam
7	7072	Sash Corner Gasket	Vinyl Foam
8	7070	Bulb Weatherstrip .187" x .275"	Flex PVC 70
10	7024	Maxim Multi-Point Lock	Steel
11	7026	Lock Support Plate	Steel
12	7014	Multi-Lock Keeper	Steel
13	7013	Tie Bar Guide	Nylon
14	7015	Tie Bar Assembly	Steel or SS
16	7029	Maxim Projected Operator	Steel
17	7030	Operator Gasket	Vinyl Foam
18	7031	Operator Backing Plate	Steel
19	7051	Operator Spacer Block	Nylon
21	7034	Operator Track & Slider	Steel
22	7023	Projected Hinge, Manuf. by Truth	Steel
24		Snubber, Anti-blowout Clip	Steel
32	1713	Setting Block 5/32" x 3/16" x 1-1/4"	EPDM
33	1714	Setting Block 5/32" x 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 Backbedding	Silicone
60	7006	Screen Frame	3105-H14 Alum.
61	7040	Screen Corner Key	Polypropolene
62		Screen Cloth	Fiberglass
63	1635	Screen Spline	EM. PVC
64	320	Casement Screen Spring	Stainless Steel
70	7075	Main Frame Head, Sill & Jamb, Fin	6063-T6 Alum.
71	7004	Frame Assy Tube	6063-T6 Alum.
72		Maxim Pivot Slider Assembly	Steel
80		#8-32 x 1/2" Ph. Pn. Mach. Scr Type B	Stainless Steel
81	1157	#8 x 1/2" Ph. Pn. SMS	Stainless Steel
82		#8 x 5/8" Fl. Ph. SMS	Stainless Steel
83		#8 x 7/8" F.H. Ph. SMS	Stainless Steel
84		#8 x 1" Fl. Ph. TEK	Stainless Steel
85		#8 x 1" Quad Pn SMS	Stainless Steel
86		#8 X 1-1/2" Quad Pn SMS	Stainless Steel
87		#10 x 1/2" Ph. Pn./ TEK	Stainless Steel
89		#10-24 x 9/16" Ph. Pn. TYPE F	Stainless Steel
90		#12 x 1" Ph. Pn. TEK	Stainless Steel



ALL DETAILS SHOWN FROM THE INTERIOR

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	
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ALUM. AWNING WINDOW (NI)		04/10/26	
BOM, EXTRUSIONS & CORNER VIEW		JENS ROSOWSKI	
AW740		13 OF 13	
Series Desc. Title		DWG No.	

ANTHONY LYNN MILLER
 LICENSE
 No. 58705
 04/10/26
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

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