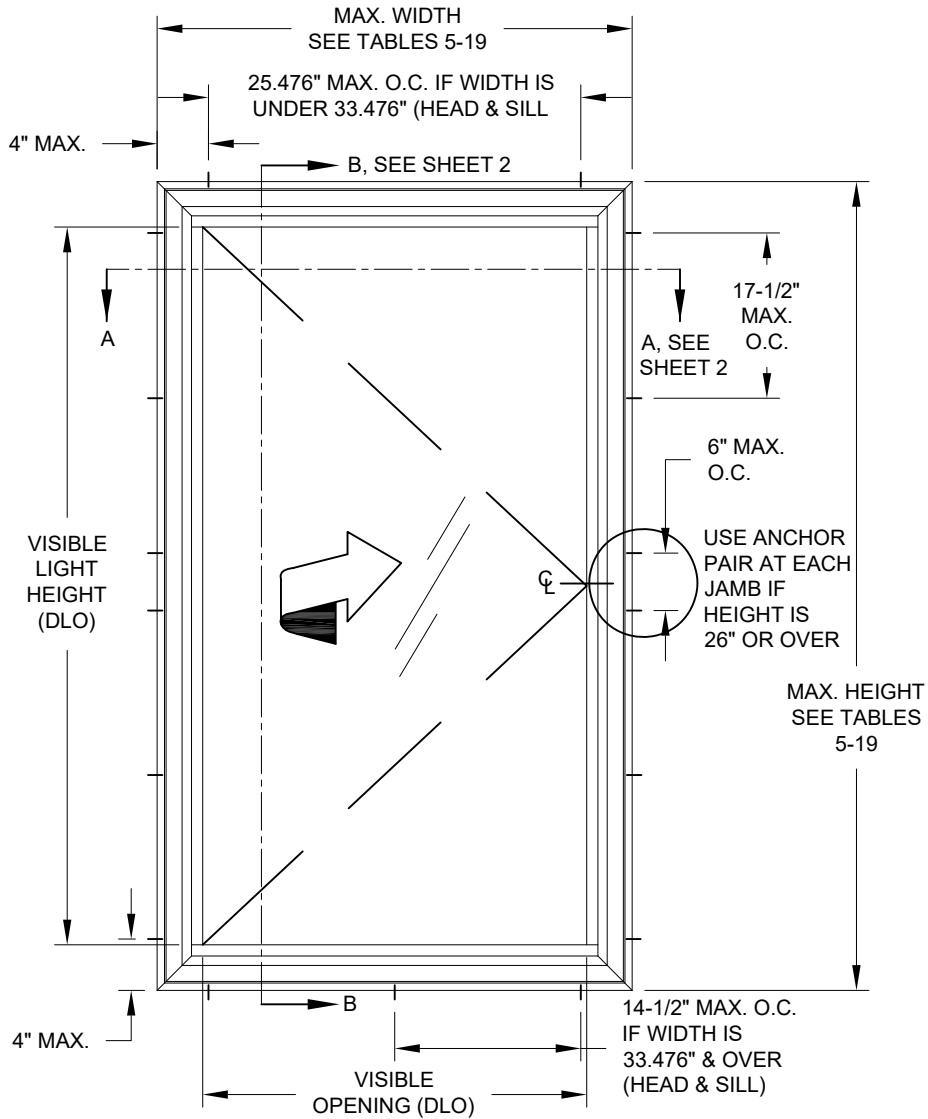


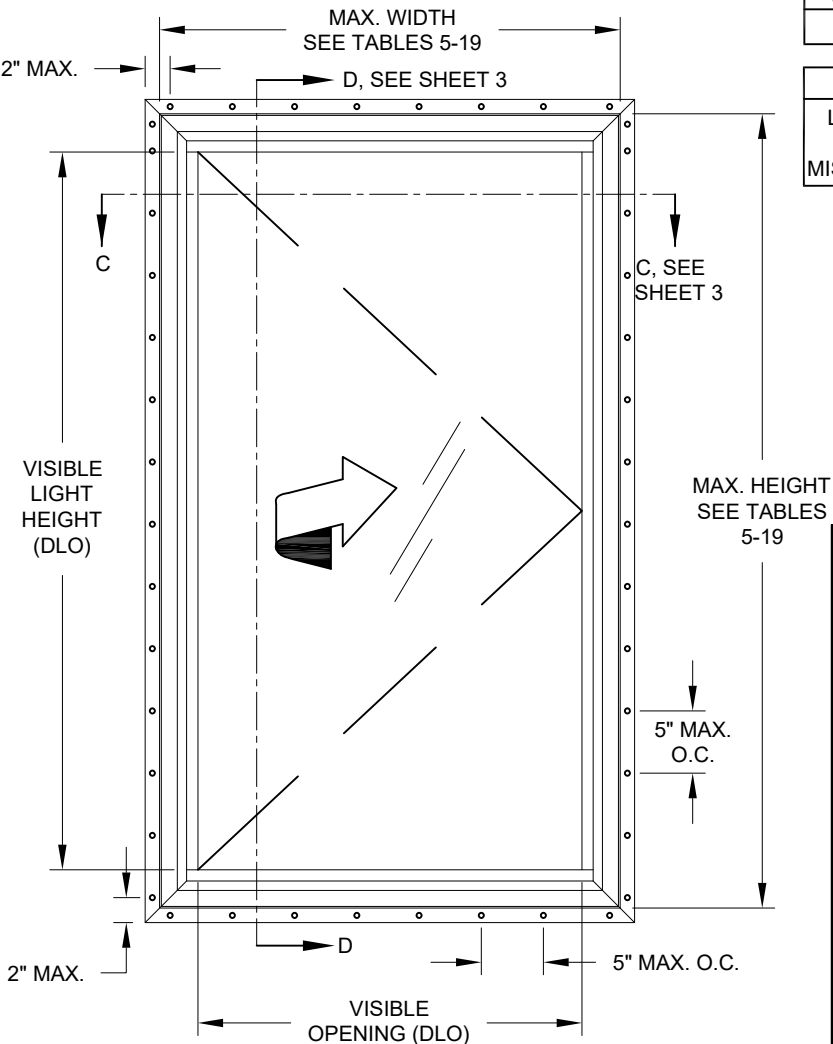
SERIES CA740
IMPACT RESISTANT, ALUMINUM CASEMENT WINDOW

- 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.
- 3) ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND SECURED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER, (EOR) OR ARCHITECT OF RECORD, (AOR).
- 4) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE EMBEDMENT. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- 5) MAX. 1/4" SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS. FOR INTEGRAL FIN FRAMES INSTALL SHIMS AT MAX. 18" O.C.
- 6) DESIGN PRESSURES:
A. NEGATIVE DESIGN LOADS BASED ON STRUCTURAL TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.
C. DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
- 7) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.
- 8) REFER TO CURRENT FLORIDA BUILDING CODE FOR EGRESS REQUIREMENTS.

FLORIDA PRODUCT APPROVAL #330



TYP. FLANGE FRAME ELEVATION



TYP. FIN FRAME ELEVATION

DESIGN PRESSURE RATING
SEE SHEETS 5-9
WATER TEST PRESSURE
15% OF (+) DP
IMPACT RATING
LARGE AND SMALL MISSILE IMPACT RESISTANT MISSILE LEVEL D, WIND ZONE 4

VISIBLE LIGHT FORMULAS

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

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

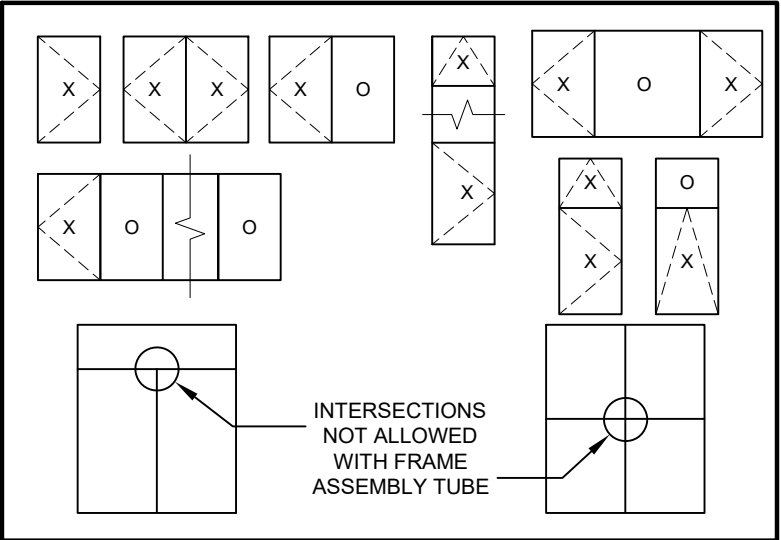
GENERAL NOTES.....	1
ELEVATIONS.....	1
INSTALLATION.....	2-3
ASSEMBLY TUBE DETAILS.....	4
ANCHOR SPECIFICATIONS.....	5
ANCHOR QUANTITIES.....	5
DESIGN PRESSURES.....	6-10
BOM/EXTRUSIONS.....	11
EXAMPLE CORNER DETAIL.....	12

TABLE 1:

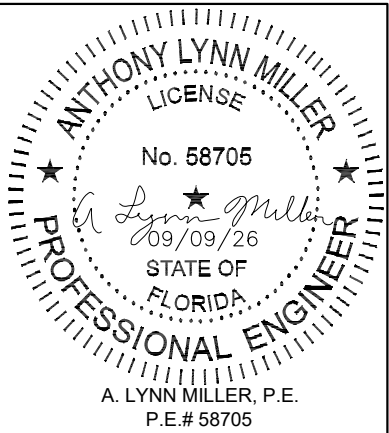
Glass Types		Sheet #
1	5/16" Lami (1/8 AN - 0.090" PVB - 1/8 AN)	6
2	7/16" Lami (3/16 AN - 0.090" SG - 3/16 AN)	7
3	7/16" Lami (3/16 HS - 0.090" SG - 3/16 HS)	8
4	7/8" Lami. IG (1/8" AN - 7/16" Air - 1/8" AN - 0.090" PVB - 1/8" AN)	6
5	7/8" Lami. IG (1/8" TP - 7/16" Air - 1/8" AN - 0.090" PVB - 1/8" AN)	9
6	7/8" Lami. IG (3/16" AN - 1/4" Air - 3/16" AN - 0.090" SG - 3/16" AN)	10
7	7/8" Lami. IG (3/16" AN - 1/4" Air - 3/16" HS - 0.090" SG - 3/16" HS)	8
8	7/8" Lami. IG (3/16" TP - 1/4" Air - 3/16" AN - 0.090" SG - 3/16" AN)	10
9	7/8" Lami. IG (3/16" TP - 1/4" Air - 3/16" HS - 0.090" SG - 3/16" HS)	8

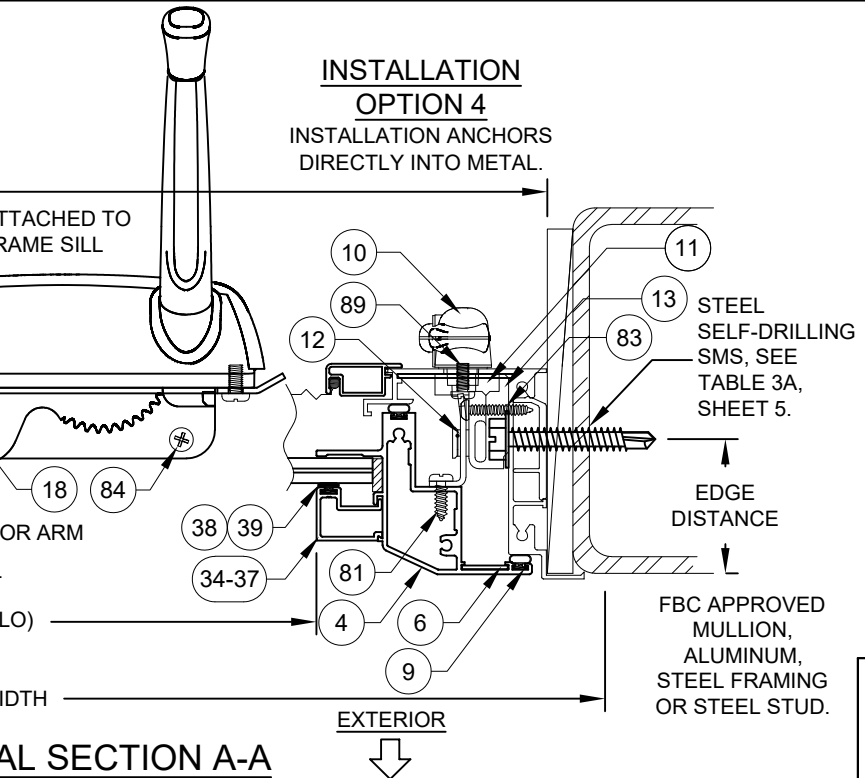
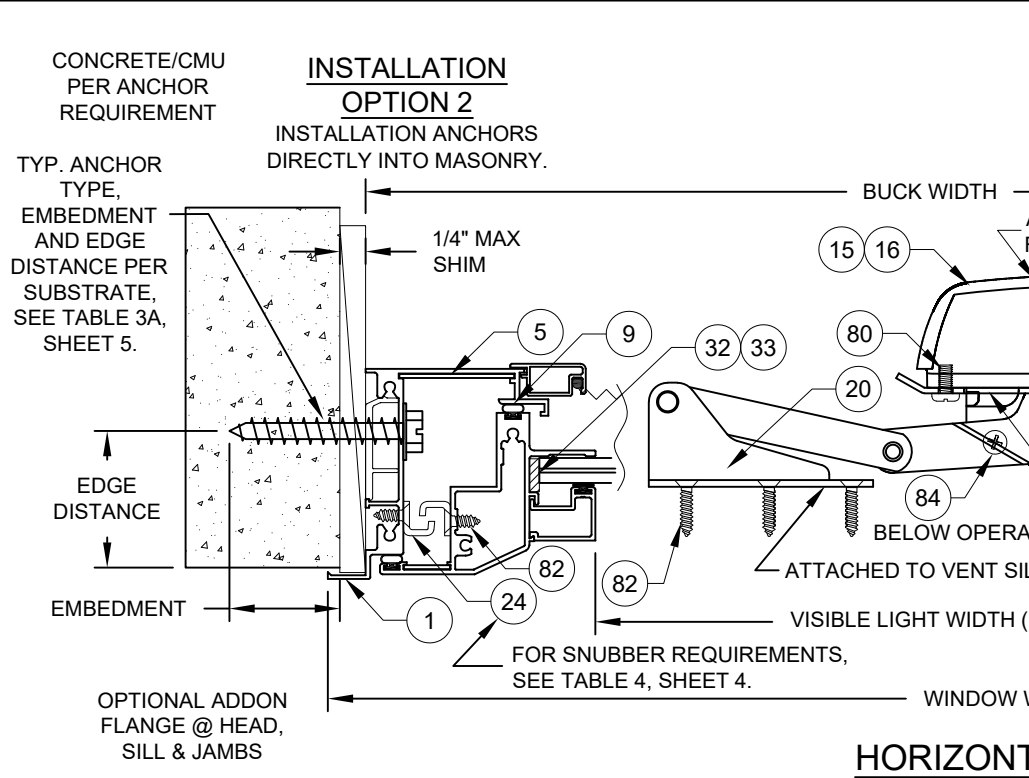
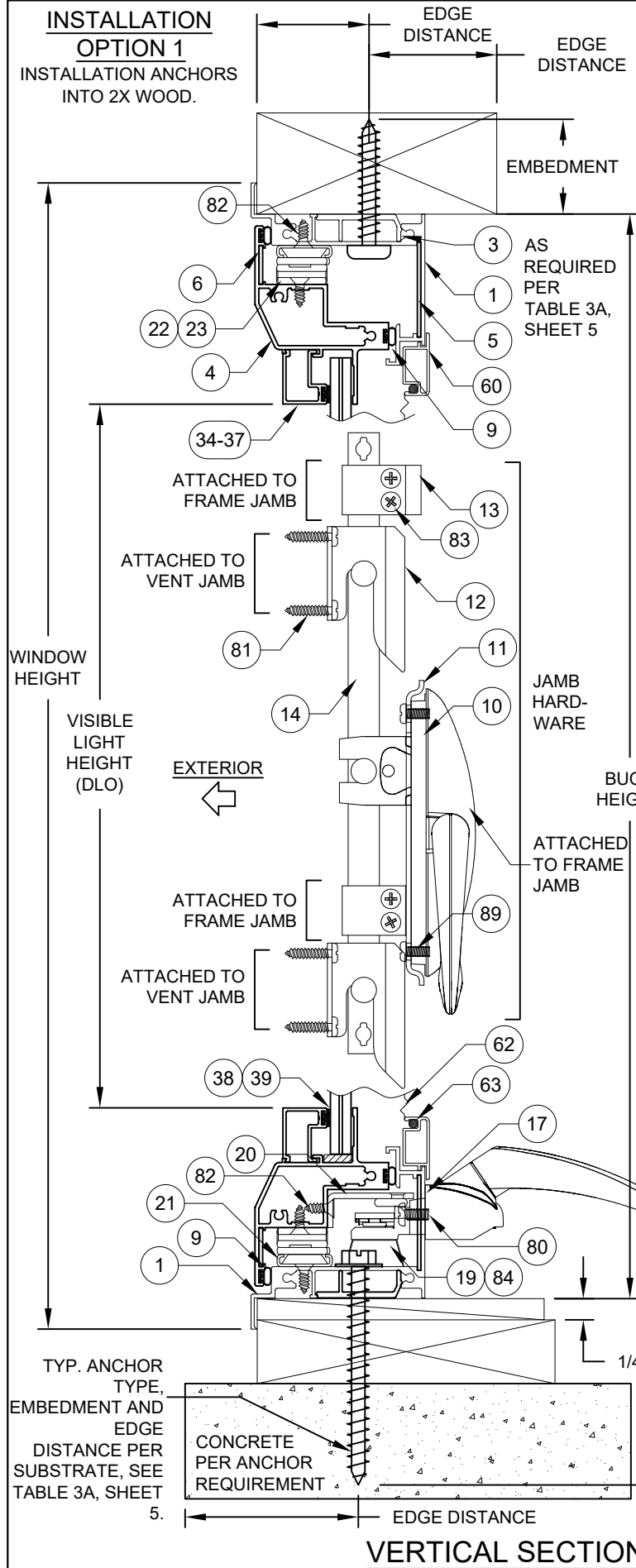
"AN" = ANNEALED
"TP" = TEMPERED
"PVB" = 0.090" TROSIFOL PVB BY KURARAY AMERICA, INC.
"SG" = 0.090" SENTRYGLAS BY KURARAY AMERICA, INC.

SAMPLE CONFIGURATIONS:



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. CASEMENT WINDOW		Date		09/09/26	
GENERAL NOTES, GLAZING & ELEVATION		By		JENS ROSOWSKI	
CA740		Sheet		1 OF 12	
CA740		DWG No.		CA740-LM-HVHZ	





HORIZONTAL SECTION A-A

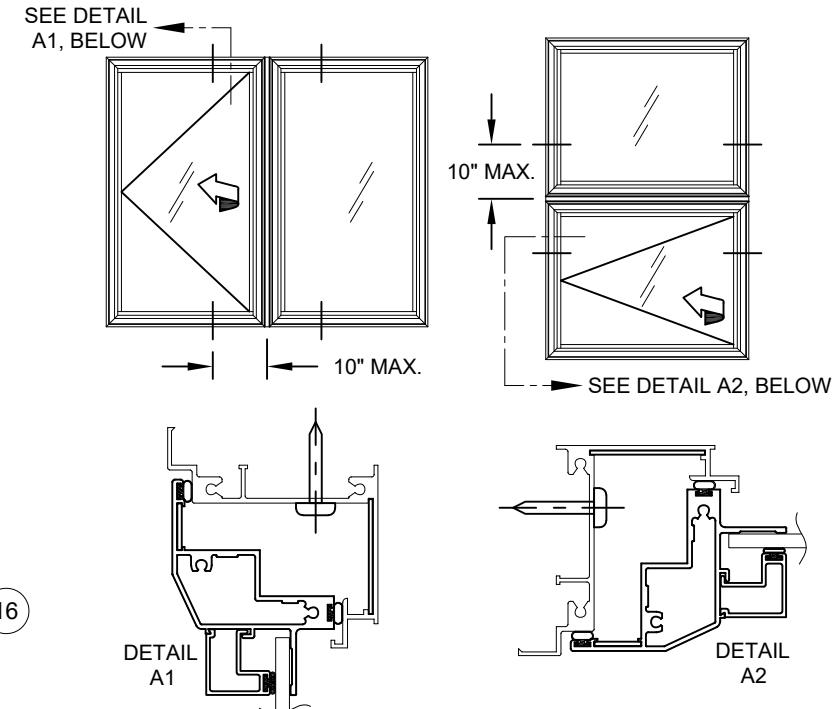


TABLE 1B:
Additional Anchors Required on each Side of the Frame Assembly Tube (FAT)

		Anchor Type		
		A	B, C & D	E
Vert. FAT	Window Width			
	17" - 25.9"	1	0	0
	26"+	1	1	0
Horiz. FAT	Window Height			
	17" - 25.9"	1	0	0
	26"+	1	1	0

WHEN INSTALLING COMBINATION UNITS WITH FLANGE FRAME, 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:

EGRESS FORMULAS:
WIDTH, WASH HINGE: TIP TO TIP WIDTH - 13-1/2
WIDTH, EGRESS HINGE: TIP TO TIP WIDTH - 7-1/2
HEIGHT: TIP TO TIP HEIGHT - 6

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

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

09/09/26

ALUM. CASEMENT WINDOW

CROSS SECTION & INST.

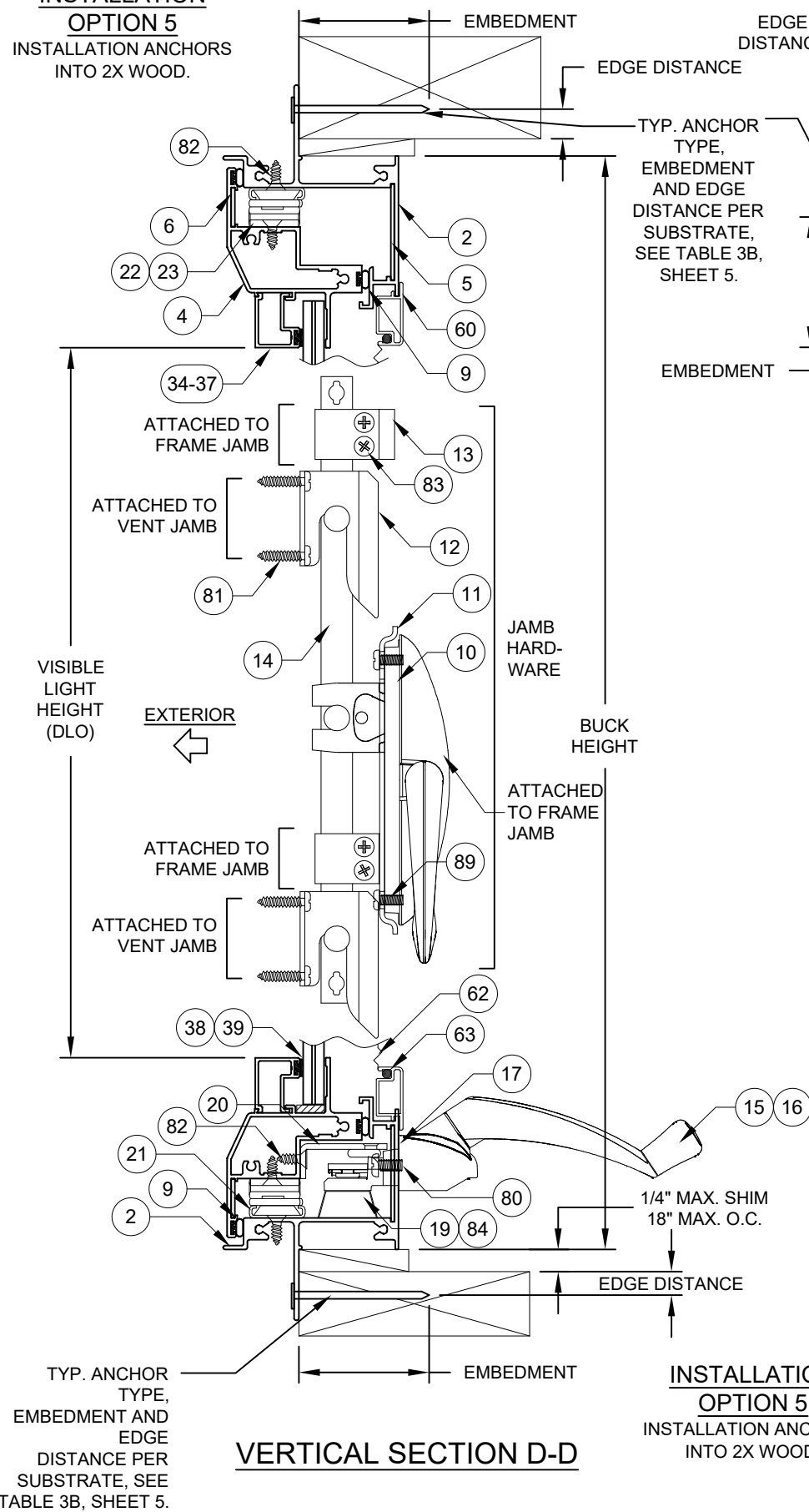
CA740

2 OF 12

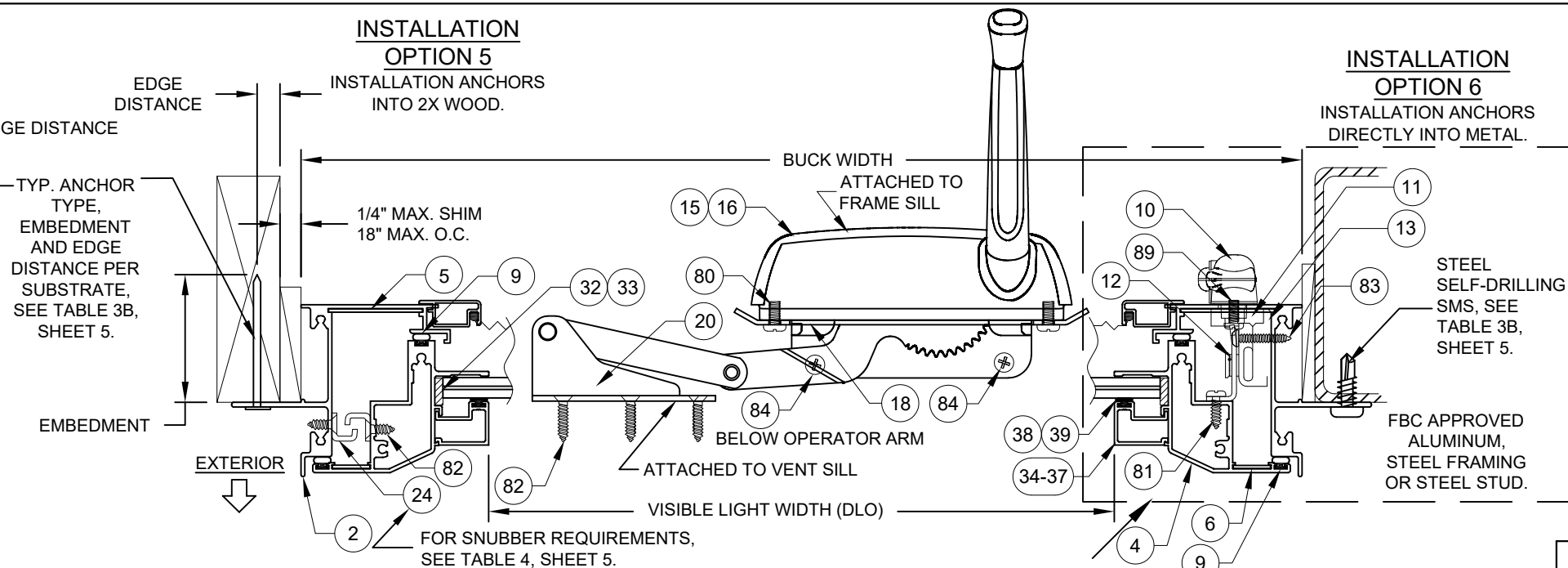
CA740-LM-HVHZ

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

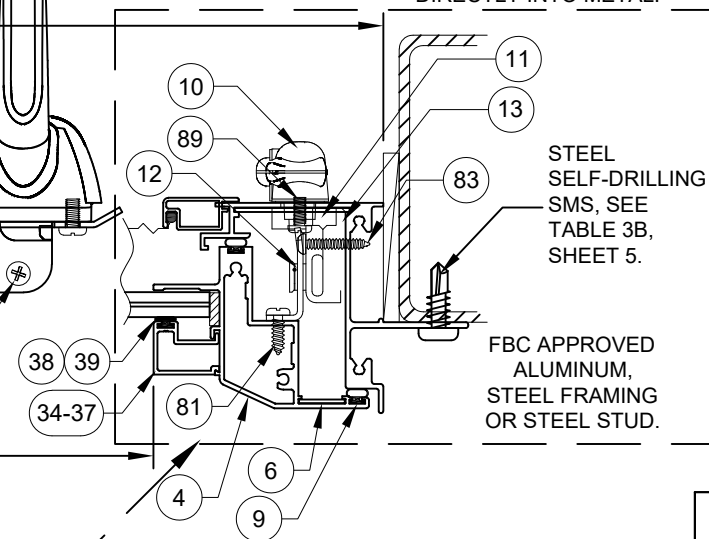
INSTALLATION ANCHORS
INTO 2X WOOD.



INSTALLATION ANCHORS
INTO 2X WOOD.

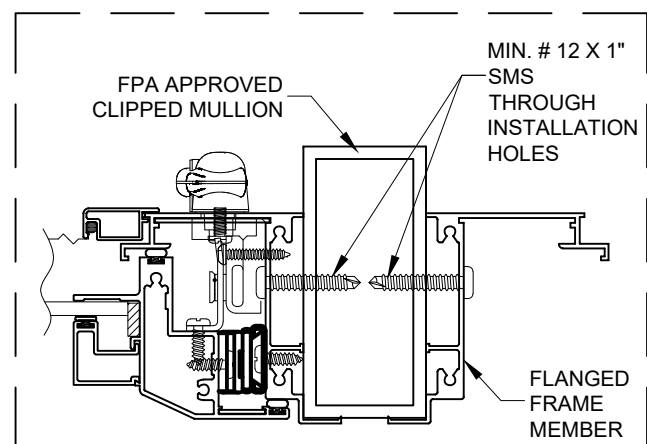


INSTALLATION ANCHORS
DIRECTLY INTO METAL.



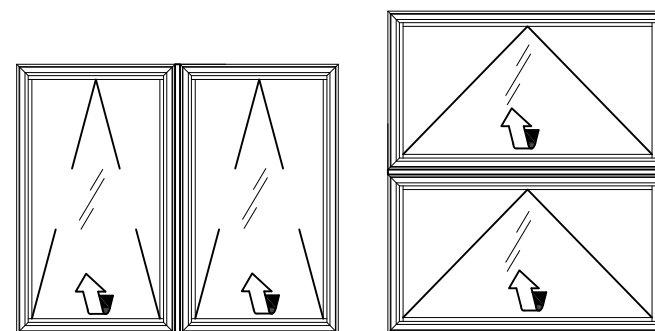
EGRESS FORMULAS:
WIDTH, WASH HINGE: BUCK WIDTH - 12-1/2
WIDTH, EGRESS HINGE: BUCK WIDTH - 6-1/2
HEIGHT: BUCK HEIGHT - 5

CLIPPED
TUBE
MULLION
DETAILS:



CLIPPED TUBE MULLIONS MAY BE USED WITH FIN FRAME WINDOWS IF THE FRAME MEMBER THAT IS ATTACHED TO THE MULLION IS FLANGED. SEE MULLION APPROVAL FOR DP AND LENGTH LIMITATIONS. DETAIL APPLIES TO BOTH HORIZONTAL AND VERTICAL MULLION APPLICATIONS.

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:

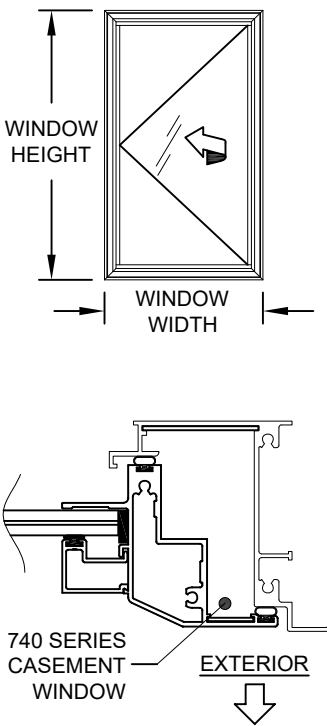
- 2) WOOD BUCKS DEPICTED AS "2X" ARE 1-1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY AUTHORITY HAVING JURISDICTION.
- 3) IF APPLICABLE, LOWER DESIGN PRESSURE FROM EITHER WINDOW OR MULLION APPROVAL APPLIES TO WHOLE SYSTEM.

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REGISTRATION #29296		09/09/26	
ALUM. CASEMENT WINDOW		Date	
FIN INSTALL: DETAILS		By JENS ROSOWSKI	
CA740	3 OF 12	DWG No.	CA740-LM-HV/HZ
Series	Sheet		

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 LICENSE
 No. 58705
A. Lynn Miller
 09/09/26
 STATE OF
 FLORIDA
PROFESSIONAL ENGINEER

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

CASEMENT (X)

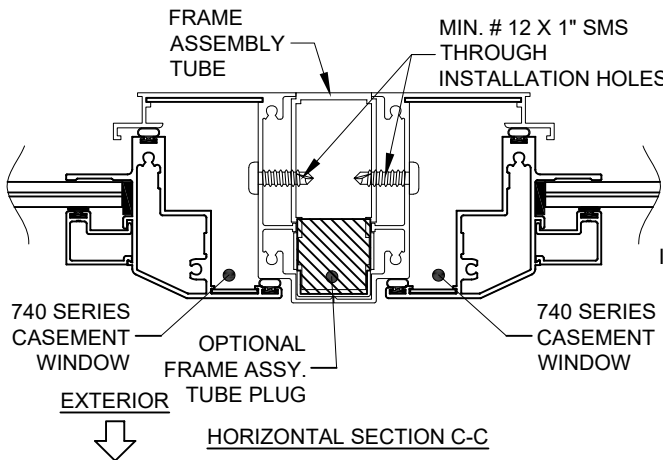
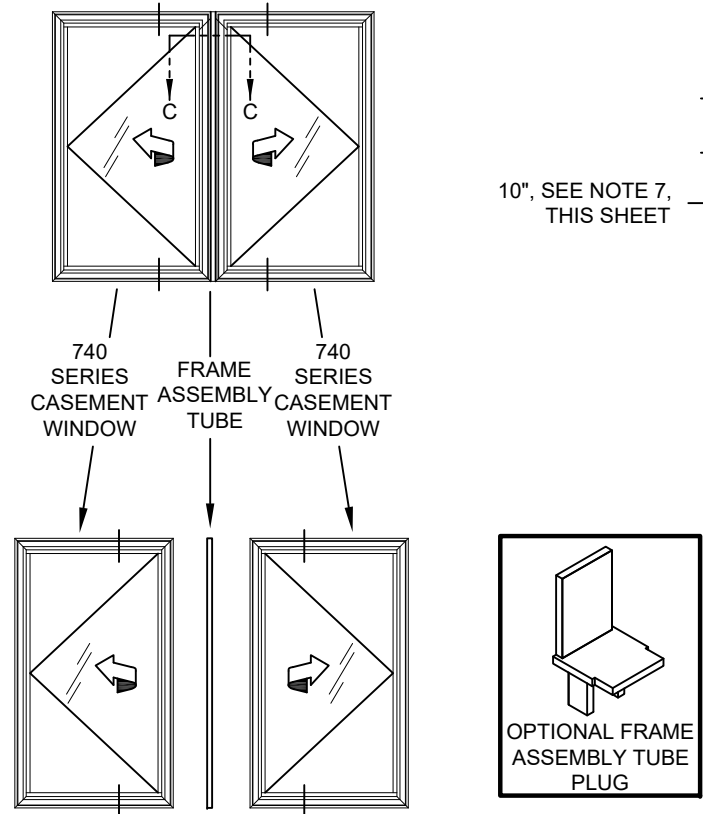


FOR SINGLE UNITS:

- 1) DETERMINE YOUR WINDOW SIZE AND GLASS.
- 2) KNOWING YOUR ANCHOR TYPE AND SUBSTRATE, DETERMINE YOUR ANCHOR GROUP FROM TABLE 3A OR 3B, SHEET 5.
- 3) FROM SHEETS 6-10, FIND THE SHEET FOR YOUR GLASS AND FRAME TYPE. FIND THE PRODUCT'S DESIGN PRESSURE FROM THE TABLE LABELED "DESIGN PRESSURE (PSF) FOR SINGLE WINDOWS, ALL ANCHOR GROUPS".
- 4) DIMENSIONS SHOWN ARE TIP-TO-TIP. 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 2-4.

CASEMENT / CASEMENT (XX)

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



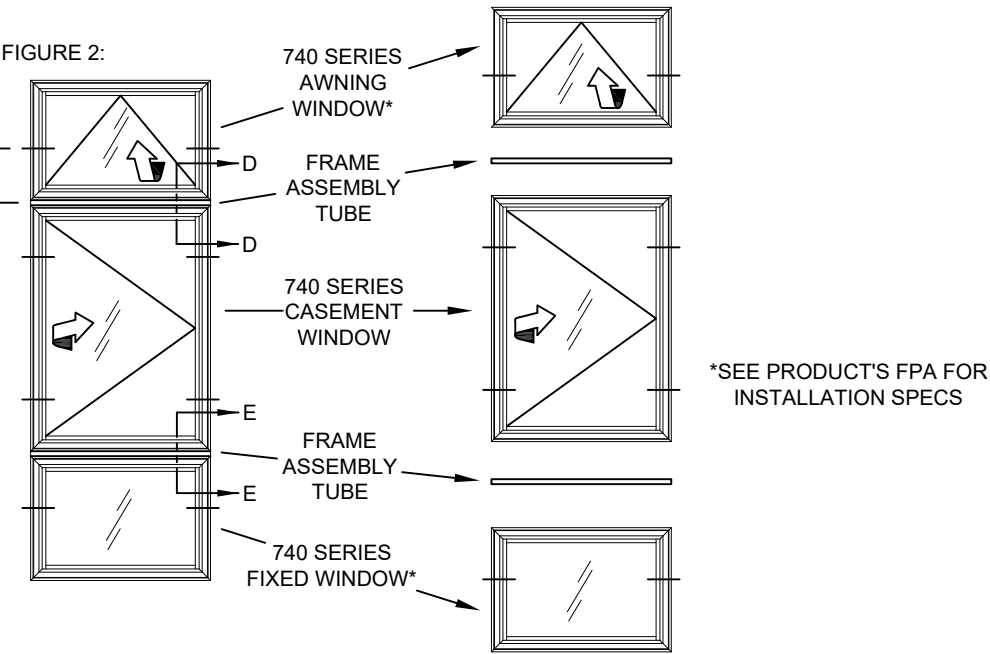
FOR EACH WINDOW IN A VERTICALLY OR HORIZONTALLY COMBINED ASSEMBLY:

- 1) DETERMINE EACH INDIVIDUAL WINDOW TYPE, SIZE AND GLASS MAKEUP, SEE FIGURES 1 & 2, THIS SHEET. DETERMINE YOUR ANCHOR GROUP FROM TABLE 3A OR 3B, SHEET 5.
- 2) FROM SHEETS 6-10, FIND THE SHEET FOR YOUR GLASS AND FRAME 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 TIP-TO-TIP. 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 TABLE TO THE RIGHT), AND THAT MIN. #12 X 1" ANCHORS ARE TO BE USED THROUGH THE FRAME INTO THE FRAME ASSEMBLY TUBE (SEE DETAILS ON THIS SHEET).

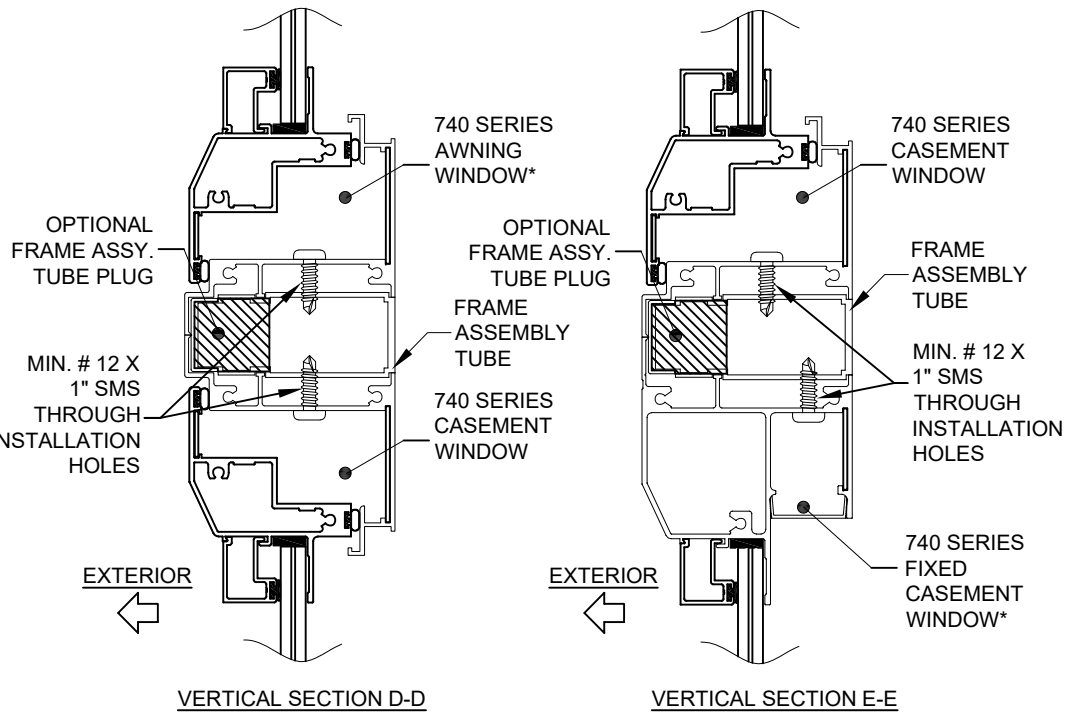
AWNING / CASEMENT / FIXED CASEMENT (XXO)

FIGURE 2:

10", SEE NOTE 7, THIS SHEET



*SEE PRODUCT'S FPA FOR INSTALLATION SPECS



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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PGT® and DOORS		3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		ALUM. CASEMENT WINDOW		4 OF 12	
FRAME ASSEMBLY TUBE DETAILS		CA740		Sheet		DWG		No.	
Title		Desc.		Series		Title		Desc.	

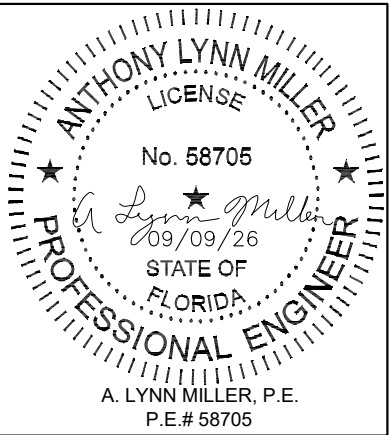


TABLE 2:

Window Anchors Required																										
			Window Width (in)																							
			under 23"				25-15/16"				27-3/4"				30"				33-1/2"				35"			
			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
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
		Head/Sill	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	3	3	5	3	3	3
	25-15/16"	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
		Head/Sill	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	2	2	5	3	3	3
	38-3/8"	Jamb	6	4	4	4	6	4	4	4	6	4	4	4	6	4	4	4	6	4	4	4	6	4	4	4
		Head/Sill	2	2	2	2	3	2	2	2	3	2	2	2	4	3	2	2	4	3	3	2	5	3	3	3
	48"	Jamb	6	4	4	4	8	6	4	4	8	6	4	4	8	6	4	4	8	6	4	4	8	6	6	4
		Head/Sill	2	2	2	2	3	2	2	2	3	2	2	2	4	3	2	2	4	3	3	2	5	3	3	3
	50-5/8"	Jamb	8	6	4	4	8	6	4	4	8	6	4	4	8	6	4	4	10	6	6	4	10	6	6	4
		Head/Sill	2	2	2	2	3	2	2	2	3	2	2	2	4	3	2	2	4	3	3	2	5	3	3	3
	60"	Jamb	8	6	6	4	10	6	6	4	10	6	6	4	10	8	6	4	12	8	6	4	12	8	6	4
		Head/Sill	2	2	2	2	3	2	2	2	3	2	2	2	4	3	2	2	4	3	3	2	5	3	3	3
	63"	Jamb	10	6	6	6	10	6	6	6	10	8	6	6	12	8	6	6	12	8	6	6	12	8	6	6
		Head/Sill	2	2	2	2	3	2	2	2	3	2	2	2	4	3	2	2	4	3	3	2	5	3	3	3
	72"	Jamb	10	8	6	6	12	8	6	6	12	8	8	6	14	8	8	6	14	8	8	6	14	8	8	6
		Head/Sill	2	2	2	2	3	2	2	2	3	2	2	2	4	3	2	2	4	3	2	2	5	3	3	3
	76"	Jamb	12	8	6	6	12	8	8	6	14	8	8	6	14	10	8	6	14	10	8	6	14	10	8	6
		Head/Sill	2	2	2	2	3	2	2	2	3	2	2	2	4	3	2	2	4	3	2	2	4	3	3	3
	84"	Jamb	12	8	8	6	14	10	8	6	14	10	8	6	16	10	8	6	16	10	8	6				
		Head/Sill	2	2	2	2	3	2	2	2	3	2	2	2	4	2	2	2	4	3	2	2				

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

2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

TABLE 3A: 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
B	1/4" Steel Ultracon	Southern Pine (SG=0.55)	1"	1"	1-3/8"	No
		2.85k Concrete	2-1/2"	4"	1-3/8"	No
		UngROUTed CMU, (ASTM C-90)	1"	6"	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
		UngROUTed CMU, (ASTM C-90)	2-1/2"	5"	1-1/4"	No
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
		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
		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
		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 3B: 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"
		Southern Pine (SG=.55)	3/8"	5"	2-7/16"
		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.

TABLE 4:

Jamb Snubber Locations		
		For All Glass Types:
Window Height	63" and less	None Required
	over 63"	12" max. from each end & 30" max O.C.

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N. VENICE, FL 34275
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REGISTRATION #29296

09/09/26

ALUM. CASEMENT WINDOW

ANCHOR TYPE & QUANTITY

CA740-LM-HVHZ

5 OF 12

CA740

Rev. #

Date

Rev.

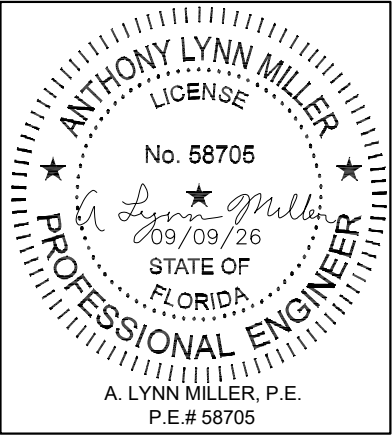
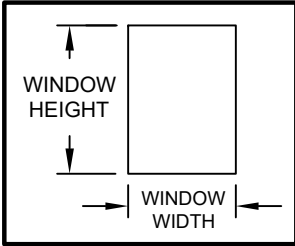


TABLE 5:

		Design Pressure (psf) for Single Windows, All Anchor Groups							
		Window Width							
		under 23"	25-15/16"	27-3/4"	30"	33-1/2"	35"	37"	
Window Height	under 23"	+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	
	38-3/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	
	48"	+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/-89.2	
	60"	+70/-90	+70/-90	+70/-90	+70/-88.5	+70/-80.6	+70/-77.7	+70/-74.3	
	63"	+70/-90	+70/-90	+70/-90	+70/-84.3	+70/-76.5	+70/-73.7	+70/-70.1	
	72"	+70/-90	+70/-87.2	+70/-77.7	+60/-71.5	+60/- 62.4	+60/- 60.9	+/- 59.3	
	76"	+70/-90	+70/-84.6	+70/-75.7	+/-67.3	+/- 58.9	+/- 57.2	+/- 55.6	
	84"	+70/-90	+70/-80.4	+70/-71.3	+60/-62.1	+/- 54.2			



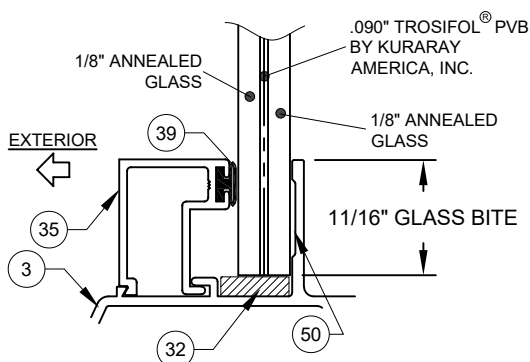
SEE SHEETS 1 & 5 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES.

FOR GLASS TYPES:

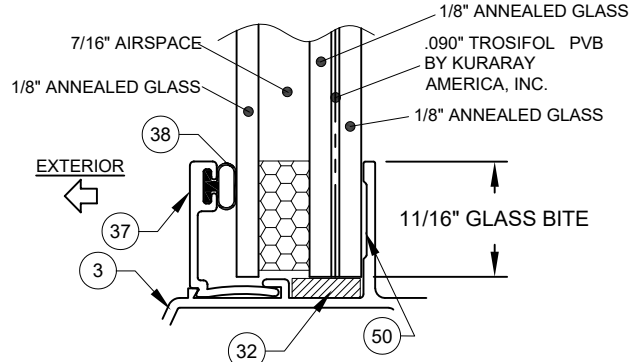
- 1) 5/16" LAMI (1/8 AN - .090" PVB - 1/8 AN)
4) 7/8" LAMI. IG: (1/8" AN - 7/16" AIR - 1/8" AN - .090" PVB - 1/8" AN)

FOR FRAME TYPES:

FLANGE & INTEGRAL FIN



GLASS TYPE 1
5/16" NOM. GLASS STACK



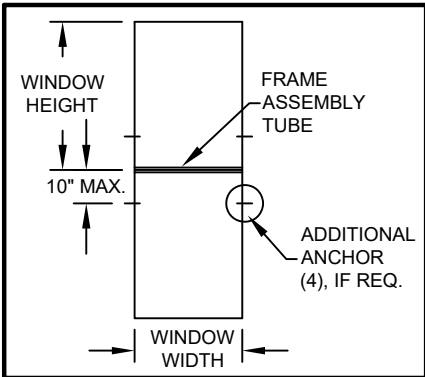
GLASS TYPE 4
7/8" NOM. GLASS STACK

TABLE 6:

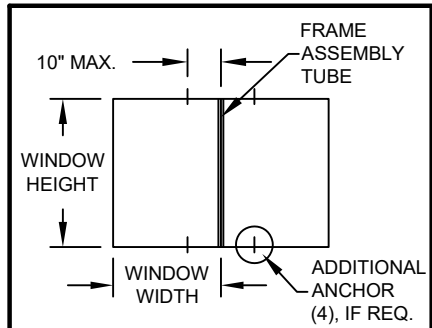
		Design Pressure (psf) for Windows Attached to a Vertical Frame Assembly Tube																			
		Window Width																			
		under 23"				25-15/16"			27-3/4"			30"			33-1/2"			35"		37"	
		Anchor Group				Anchor Group			Anchor Group			Anchor Group			Anchor Group			Anchor Group		Anchor Group	
		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
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
	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
	38-3/8"	+70/-90	+70/-76.4	+70/-90	+70/-90	+70/-84.5	+70/-90	+70/-90	+70/-79	+70/-90	+70/-90	+70/-73	+70/-90	+70/-90	+70/-81.8	+70/-90	+70/-90	+70/-78.3	+70/-90	+70/-74	+70/-90
	48"	+70/-76.2	+/-61.1	+70/-73.1	+70/-90	+/-67.5	+70/-90	+70/-90	+/-63.1	+70/-90	+70/-90	+/-58.4	+70/-90	+70/-90	+/-65.4	+70/-83.9	+70/-90	+/-62.6	+70/-90	+/-59.2	+70/-90
	50-5/8"	+70/-72.3	+/-57.9	+/-69.3	+70/-90	+/-64	+70/-90	+70/-90	+/-59.9	+70/-90	+70/-90	+/-55.4	+70/-88.7	+70/-90	+/-62	+70/-79.5	+70/-90	+/-59.3	+70/-90	+/-56.1	+70/-89.2
	60"	+/-61	+/-48.9	+/-58.5	+70/-90	+/-54	+70/-86.6	+70/-90	+/-50.5	+70/-81	+70/-90	+/-46.7	+70/-74.9	+70/-88.5	+/-52.3	+/-67.1	+70/-80.3	+/-50.1	+70/-77.7	+/-47.4	+70/-74.3
	63"	+/-58.1	+/-46.5	+/-55.7	+70/-88.7	+/-51.5	+70/-82.5	+70/-90	+/-48.1	+70/-77.1	+70/-90	+/-44.5	+70/-71.3	+70/-84.3	+/-49.8	+/-63.9	+70/-76.5	+/-47.7	+70/-73.7	+/-45.1	+70/-70.1

TABLE 7:

		Design Pressure (psf) for Windows Attached to a Horizontal Frame Assembly Tube												
		Window Width												
		under 23"	25-15/16"	27-3/4"	30"	33-1/2"			35"			37"		
		Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group			Anchor Group			Anchor Group		
		All	All	All	All	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/-87.6	+70/-90	+70/-90	+70/-83.8	+70/-90	+70/-90	+70/-79.2	+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/-87.6	+70/-90	+70/-90
	38-3/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-88.8	+70/-90	+70/-90
	48"	+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/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-89.2	+70/-89.2	+70/-89.2
	60"	+70/-90	+70/-90	+70/-90	+70/-88.5	+70/-80.6	+70/-80.6	+70/-80.6	+70/-77.7	+70/-77.7	+70/-77.7	+70/-74.3	+70/-74.3	+70/-74.3
	63"	+70/-90	+70/-90	+70/-90	+70/-84.3	+70/-76.5	+70/-76.5	+70/-76.5	+70/-73.7	+70/-73.7	+70/-73.7	+70/-70.1	+70/-70.1	+70/-70.1
	72"	+70/-90	+70/-87.2	+70/-77.7	+70/-71.5	+60/-62.4	+60/-62.4	+60/-62.4	+60/-60.9	+60/-60.9	+60/-60.9	+/-59.3	+/-59.3	+/-59.3
	76"	+70/-90	+70/-84.6	+70/-75.7	+/-67.3	+/-58.9	+/-58.9	+/-58.9	+/-57.2	+/-57.2	+/-57.2	+/-55.6	+/-55.6	+/-55.6
	84"	+70/-90	+70/-80.4	+70/-71.3	+60/-62.1	+/-54.2	+/-54.2	+/-54.2						



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



SEE SHEETS 1 & 5 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 5 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) SEE SHEET 5 FOR SNUBBER REQUIREMENTS.
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		REGISTRATION #29296		ALUM. CASEMENT WINDOW		09/09/26		COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.		PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	
DESIGN PRESSURES PER GLAZING TYPES		CA740		6 OF 12		DWC No.		CA740-LM-HVHZ		JENS ROSOWSKI	
Sheet						By				Date	
Series Desc.		Title									

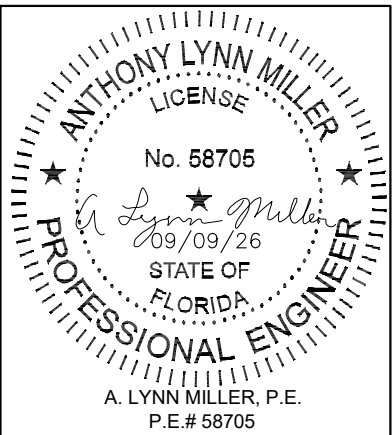
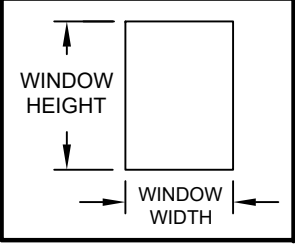


TABLE 8:

		Design Pressure (psf) for Single Windows, All Anchor Groups						
		Window Width						
		under 23"	25-15/16"	27-3/4"	30"	33-1/2"	35"	37"
Window Height	under 23"	+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
	38-3/8"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130
	48"	+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
	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
	72"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-129.1	+90/-122.5	+90/-113.8
	76"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-124.1	+90/-116.7	+90/-107.8
	84"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-116.4		



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)
FOR FRAME TYPES:
FLANGE ONLY

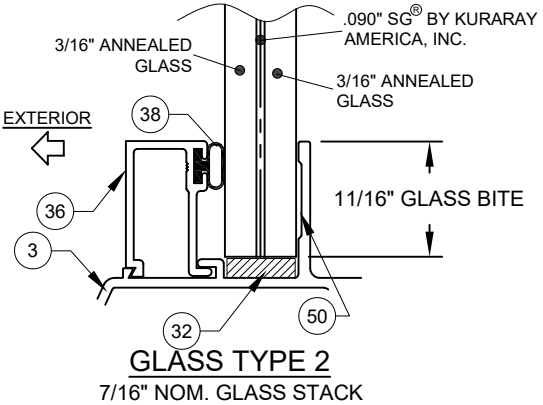
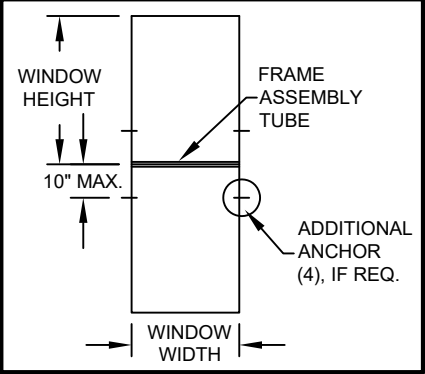


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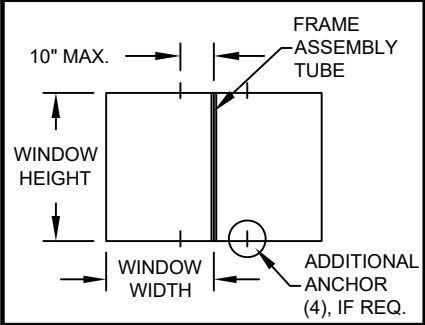
		Design Pressure (psf) for Windows Attached to a <u>Vertical</u> Frame Assembly Tube																									
		Window Width																									
		under 23"				25-15/16"			27-3/4"			30"				33-1/2"				35"				37"			
		Anchor Group				Anchor Group			Anchor Group			Anchor Group				Anchor Group				Anchor 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
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	+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	+70/-90	
	38-3/8"	+70/-90	+70/-76.4	+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	
	48"	+70/-76.2	+/-61.1	+70/-73.1	+70/-90	+70/-84.4	+70/-90	+70/-90	+70/-78.9	+70/-90	+70/-90	+70/-73	+70/-90	+70/-90	+70/-90	+70/-78.5	+70/-90	+70/-90	+70/-90	+70/-75.1	+70/-90	+70/-90	+70/-90	+70/-82.9	+70/-90	+70/-90	+70/-90
	50-5/8"	+70/-72.3	+/-57.9	+/-69.3	+70/-90	+70/-80.1	+70/-90	+70/-90	+70/-74.8	+70/-90	+70/-90	+/-69.2	+70/-88.7	+70/-90	+70/-90	+70/-74.4	+70/-90	+70/-90	+70/-90	+70/-71.2	+70/-90	+70/-90	+70/-90	+70/-78.6	+70/-89.9	+70/-90	+70/-90
	60"	+/-61	+/-48.9	+/-58.5	+70/-90	+/-67.5	+70/-86.6	+70/-90	+/-63.1	+70/-81	+70/-90	+/-58.4	+70/-74.9	+70/-89.6	+70/-90	+/-62.8	+70/-83.9	+70/-80.3	+70/-90	+/-60.1	+70/-80.2	+70/-90	+70/-90	+/-66.3	+70/-75.9	+70/-90	+70/-90
	63"	+/-58.1	+/-46.5	+/-55.7	+70/-88.7	+/-64.3	+70/-82.5	+70/-90	+/-60.1	+70/-77.1	+70/-90	+/-55.6	+70/-71.3	+70/-85.3	+70/-90	+/-59.8	+70/-79.9	+70/-76.5	+70/-90	+/-57.2	+70/-76.4	+70/-90	+70/-90	+/-63.1	+70/-72.3	+70/-86.5	+70/-90

TABLE 10:

		Design Pressure (psf) for Windows Attached to a <u>Horizontal</u> Frame Assembly Tube												
		Window Width												
		under 23"	25-15/16"	27-3/4"	30"	33-1/2"			35"			37"		
		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
Window Height	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.6	+70/-90	+70/-90	+70/-83.8	+70/-90	+70/-90	+70/-79.2	+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/-87.6	+70/-90	+70/-90
	38-3/8"	+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
	48"	+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/-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
	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
	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
	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
84"	+70/-90	+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 WHEN USING FLANGE FRAMES.



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- NOTES:
1) SEE SHEET 5 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) SEE SHEET 5 FOR SNUBBER REQUIREMENTS.
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

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REGISTRATION #29296

ALUM. CASEMENT WINDOW

DESIGN PRESSURES PER
GLAZING TYPES

CA740

09/09/26

JENS ROSOWSKI

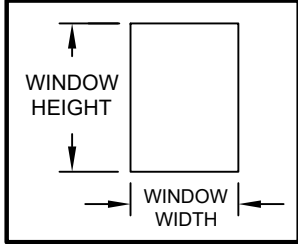
7 OF 12

CA740-LM-HVHZ

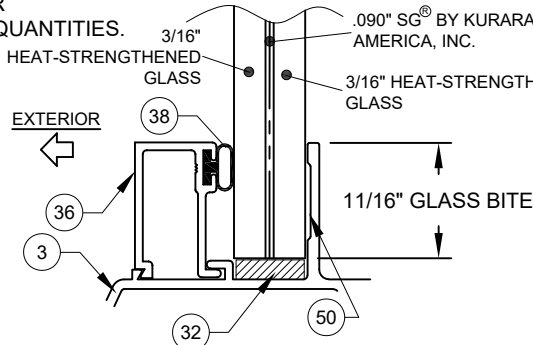
ANTHONY LYNN MILLER
LICENSE
No. 58705
09/09/26
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 11:

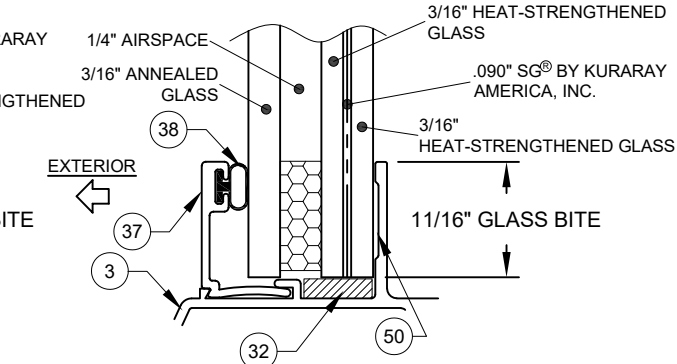
		Design Pressure (psf) for Single Windows, All Anchor Groups						
		Window Width						
		under 23"	25-15/16"	27-3/4"	30"	33-1/2"	35"	37"
Window Height	under 23"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130
	25-15/16"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130
	38-3/8"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130
	48"	+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
	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/-130
	72"	+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		



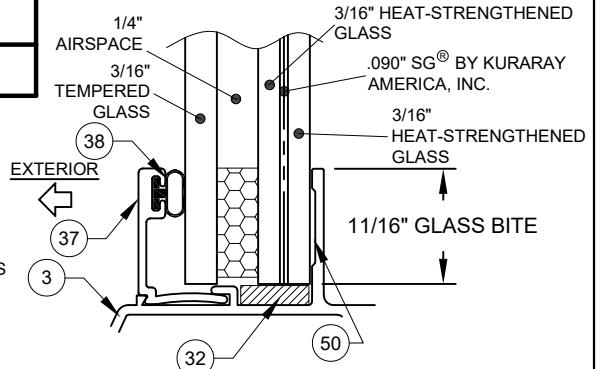
SEE SHEETS 1 & 5 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES.



GLASS TYPE 3
7/16" NOM. GLASS STACK



GLASS TYPE 7
7/8" NOM. GLASS STACK



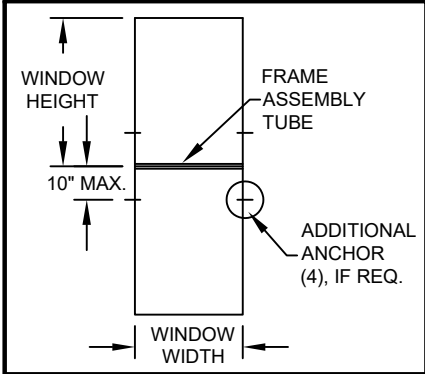
GLASS TYPE 9
7/8" NOM. GLASS STACK

TABLE 12:

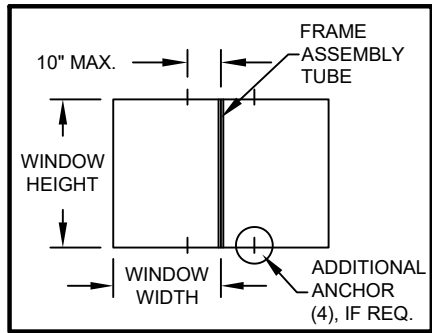
		Design Pressure (psf) for Windows Attached to a <u>Vertical</u> Frame Assembly Tube																									
		Window Width																									
		under 23"				25-15/16"			27-3/4"			30"				33-1/2"				35"				37"			
		Anchor Group				Anchor Group			Anchor Group			Anchor Group				Anchor Group				Anchor 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
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	+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	+70/-90	
	38-3/8"	+70/-90	+70/-76.4	+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	
	48"	+70/-76.2	+/-61.1	+70/-73.1	+70/-90	+70/-84.4	+70/-90	+70/-90	+70/-78.9	+70/-90	+70/-90	+70/-73	+70/-90	+70/-90	+70/-90	+70/-78.5	+70/-90	+70/-90	+70/-90	+70/-75.1	+70/-90	+70/-90	+70/-90	+70/-82.9	+70/-90	+70/-90	+70/-90
	50-5/8"	+70/-72.3	+/-57.9	+/-69.3	+70/-90	+70/-80.1	+70/-90	+70/-90	+70/-74.8	+70/-90	+70/-90	+/-69.2	+70/-88.7	+70/-90	+70/-90	+70/-74.4	+70/-90	+70/-90	+70/-90	+70/-71.2	+70/-90	+70/-90	+70/-90	+70/-78.6	+70/-89.9	+70/-90	+70/-90
	60"	+/-61	+/-48.9	+/-58.5	+70/-90	+/-67.5	+70/-86.6	+70/-90	+/-63.1	+70/-81	+70/-90	+/-58.4	+70/-74.9	+70/-89.6	+70/-90	+/-62.8	+70/-83.9	+70/-80.3	+70/-90	+/-60.1	+70/-80.2	+70/-90	+70/-90	+/-66.3	+70/-75.9	+70/-90	+70/-90
	63"	+/-58.1	+/-46.5	+/-55.7	+70/-88.7	+/-64.3	+70/-82.5	+70/-90	+/-60.1	+70/-77.1	+70/-90	+/-55.6	+70/-71.3	+70/-85.3	+70/-90	+/-59.8	+70/-79.9	+70/-76.5	+70/-90	+/-57.2	+70/-76.4	+70/-90	+70/-90	+/-63.1	+70/-72.3	+70/-86.5	+70/-90

TABLE 13:

		Design Pressure (psf) for Windows Attached to a <u>Horizontal</u> Frame Assembly Tube												
		Window Width												
		under 23"	25-15/16"	27-3/4"	30"	33-1/2"			35"			37"		
		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
Window Height	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.6	+70/-90	+70/-90	+70/-83.8	+70/-90	+70/-90	+70/-79.2	+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/-87.6	+70/-90	+70/-90
	38-3/8"	+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
	48"	+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/-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
	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
	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
	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
	84"	+70/-90	+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 WHEN USING FLANGE FRAMES.



SEE SHEETS 1 & 5 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 5 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
- 2) SEE SHEET 5 FOR SNUBBER REQUIREMENTS.
- 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		09/09/26		JENS ROSOWSKI		CA740-LM-HVHZ	
COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.		By		DWN		No.	
REGISTRATION #29296		ALUM. CASEMENT WINDOW		DESIGN PRESSURES PER GLAZING TYPES		8 OF 12	
PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		Title		Sheet		CA740	

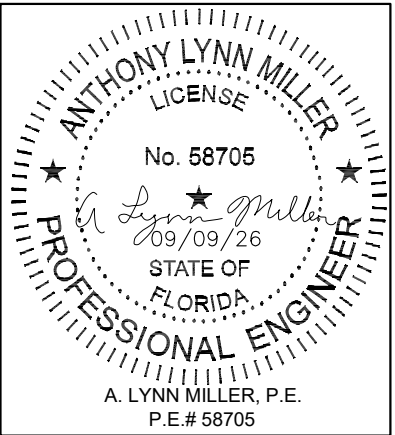
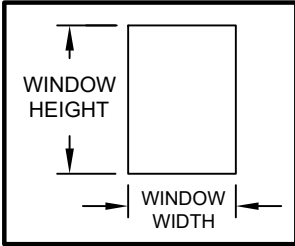


TABLE 14:

		Design Pressure (psf) for Single Windows, All Anchor Groups						
		Window Width						
		under 23"	25-15/16"	27-3/4"	30"	33-1/2"	35"	37"
Window Height	under 23"	+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
	38-3/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90
	48"	+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/-88.6	+70/-84.6
	63"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.2	+70/-84	+70/-79.9
	72"	+70/-90	+70/-90	+70/-88.5	+70/-81.5	+60/-70	+60/-69.4	+60/-67.6
	76"	+70/-90	+70/-90	+70/-86.3	+70/-76.7	+60/-67.2	+60/-65.2	+60/-63.3
	84"	+70/-90	+70/-90	+70/-81.3	+60/-70	+60/-61.8		



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

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

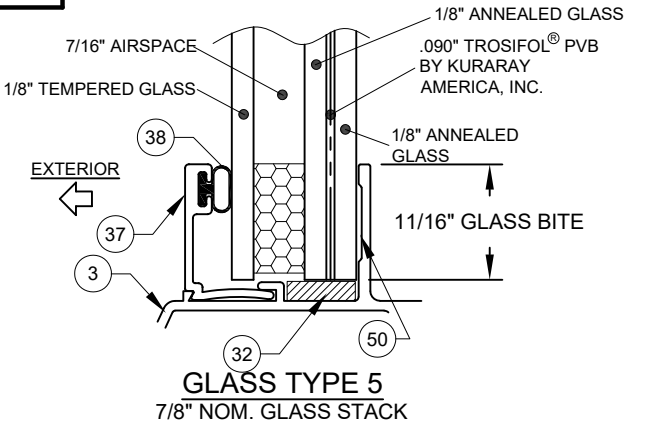
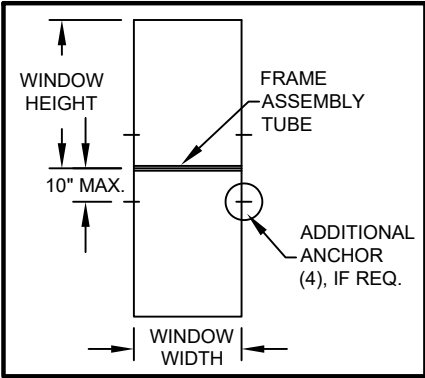


TABLE 15:

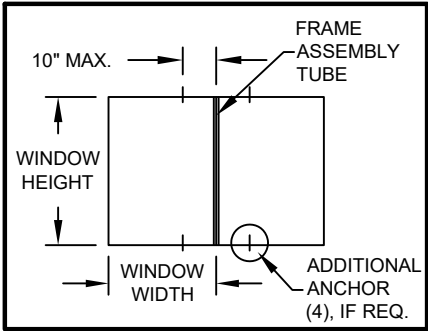
		Design Pressure (psf) for Windows Attached to a <u>Vertical</u> Frame Assembly Tube																								
		Window Width																								
		under 23"				25-15/16"			27-3/4"			30"				33-1/2"				35"			37"			
		Anchor Group				Anchor Group			Anchor Group			Anchor Group				Anchor Group				Anchor 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	
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		
	38-3/8"	+70/-90	+70/-76.4	+70/-90	+70/-90	+70/-84.5	+70/-90	+70/-90	+70/-79	+70/-90	+70/-90	+70/-73	+70/-90	+70/-90	+70/-90	+70/-81.8	+70/-90	+70/-90	+70/-90	+70/-78.3	+70/-90	+70/-90	+70/-74	+70/-90	+70/-90	
	48"	+70/-76.2	+/-61.1	+70/-73.1	+70/-90	+/-67.5	+70/-90	+70/-90	+/-63.1	+70/-90	+70/-90	+/-58.4	+70/-90	+70/-90	+70/-90	+/-65.4	+70/-83.9	+70/-90	+70/-90	+/-62.6	+70/-90	+70/-90	+/-59.2	+70/-90	+70/-90	
	50-5/8"	+70/-72.3	+/-57.9	+/-69.3	+70/-90	+/-64	+70/-90	+70/-90	+/-59.9	+70/-90	+70/-90	+/-55.4	+70/-88.7	+70/-90	+70/-90	+/-62	+70/-79.5	+70/-90	+70/-90	+/-59.3	+70/-90	+70/-90	+/-56.1	+70/-89.9	+70/-90	
	60"	+/-61	+/-48.9	+/-58.5	+70/-90	+/-54	+70/-86.6	+70/-90	+/-50.5	+70/-81	+70/-90	+/-46.7	+70/-74.9	+70/-89.6	+70/-90	+/-52.3	+/-67.1	+70/-80.3	+70/-90	+/-50.1	+70/-80.2	+70/-88.6	+/-47.4	+70/-75.9	+70/-84.6	
	63"	+/-58.1	+/-46.5	+/-55.7	+70/-88.7	+/-51.5	+70/-82.5	+70/-90	+/-48.1	+70/-77.1	+70/-90	+/-44.5	+70/-71.3	+70/-85.3	+70/-90	+/-49.8	+/-63.9	+70/-76.5	+70/-87.2	+/-47.7	+70/-76.4	+70/-84	+/-45.1	+70/-72.3	+70/-79.9	

TABLE 16:

		Design Pressure (psf) for Windows Attached to a <u>Horizontal</u> Frame Assembly Tube												
		Window Width												
		under 23"	25-15/16"	27-3/4"	30"	33-1/2"			35"			37"		
		Anchor Group	Anchor Group	Anchor Group	Anchor Group	Anchor Group			Anchor Group			Anchor Group		
		All	All	All	All	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/-87.6	+70/-90	+70/-90	+70/-83.8	+70/-90	+70/-90	+70/-79.2	+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/-87.6	+70/-90	+70/-90
	38-3/8"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-88.8	+70/-90	+70/-90
	48"	+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/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-89.8	+70/-90	+70/-90
	60"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-90	+70/-88.6	+70/-88.6	+70/-88.6	+70/-84.6	+70/-84.6	+70/-84.6
	63"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.2	+70/-87.2	+70/-87.2	+70/-84	+70/-84	+70/-84	+70/-79.9	+70/-79.9	+70/-79.9
	72"	+70/-90	+70/-90	+70/-88.5	+70/-81.5	+60/-70	+60/-70	+60/-70	+60/-69.4	+60/-69.4	+60/-69.4	+60/-67.6	+60/-67.6	+60/-67.6
	76"	+70/-90	+70/-90	+70/-86.3	+70/-76.7	+60/-67.2	+60/-67.2	+60/-67.2	+60/-65.2	+60/-65.2	+60/-65.2	+60/-63.3	+60/-63.3	+60/-63.3
84"	+70/-90	+70/-90	+70/-81.3	+60/-70	+60/-61.8	+60/-61.8	+60/-61.8							



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



SEE SHEETS 1 & 5 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 5 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) SEE SHEET 5 FOR SNUBBER REQUIREMENTS.
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		COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.		09/09/26	
REGISTRATION #29296		ALUM. CASEMENT WINDOW		Date		JENS ROSOWSKI	
DESIGN PRESSURES PER GLAZING TYPES		By		Drawn		CA740-LM-HVHZ	
CA740		9 OF 12		DWG No.		CA740-LM-HVHZ	
Sheet		CA740		9 OF 12		DWG No.	
Series Desc.		Title		Date		JENS ROSOWSKI	

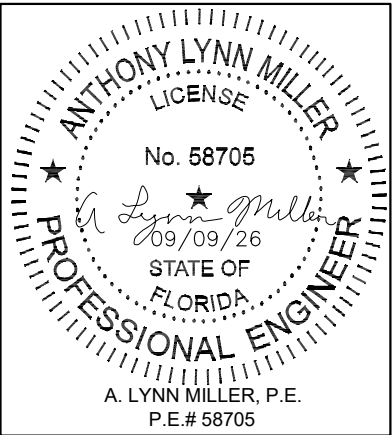
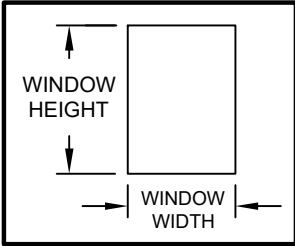


TABLE 17:

Design Pressure (psf) for Single Windows, All Anchor Groups								
Window Height	Window Width							
	under 23"	25-15/16"	27-3/4"	30"	33-1/2"	35"	37"	
	under 23"	+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
38-3/8"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130	+90/-130
48"	+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	+90/-130
63"	+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/-124.6	+90/-115.7	
76"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-126.2	+90/-118.7	+90/-109.6	
84"	+90/-130	+90/-130	+90/-130	+90/-130	+90/-118.4			



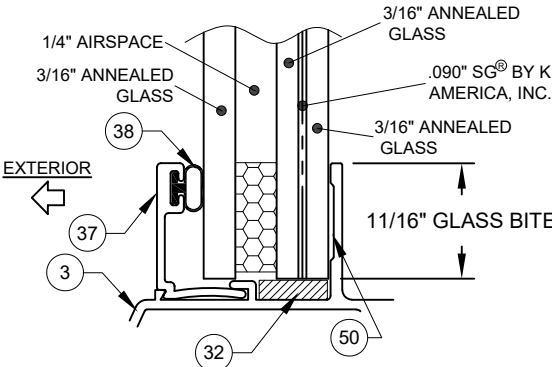
SEE SHEETS 1 & 5 FOR WINDOW ANCHOR LOCATIONS AND QUANTITIES.

FOR GLASS TYPES:

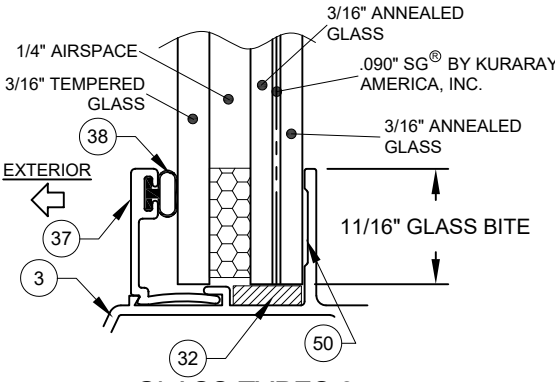
- 6) 7/8" LAMI. IG: (3/16" AN - 1/4" AIR - 3/16" AN - .090" SG - 3/16" AN)
8) 7/8" LAMI. IG: (3/16" T - 1/4" AIR - 3/16" AN - .090" SG - 3/16" AN)

FOR FRAME TYPES:

FLANGE ONLY



GLASS TYPES 6
7/8" NOM. GLASS STACK



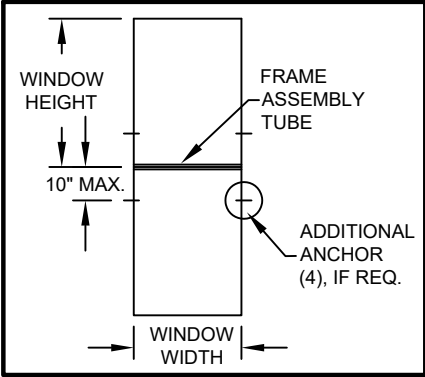
GLASS TYPES 8
7/8" NOM. GLASS STACK

TABLE 18:

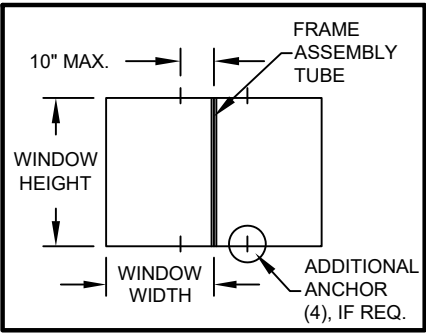
Design Pressure (psf) for Windows Attached to a Vertical Frame Assembly Tube																											
Window Height	Window Width																										
	under 23"				25-15/16"				27-3/4"			30"				33-1/2"				35"			37"				
	Anchor Group				Anchor Group				Anchor Group			Anchor Group				Anchor Group				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	
	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	+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	+70/-90	+70/-90	+70/-90
38-3/8"	+70/-90	+70/-76.4	+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	+70/-90
48"	+70/-76.2	+/-61.1	+70/-73.1	+70/-90	+70/-84.4	+70/-90	+70/-90	+70/-90	+70/-78.9	+70/-90	+70/-90	+70/-73	+70/-90	+70/-90	+70/-90	+70/-78.5	+70/-90	+70/-90	+70/-90	+70/-75.1	+70/-90	+70/-90	+70/-82.9	+70/-90	+70/-90	+70/-90	+70/-90
50-5/8"	+70/-72.3	+/-57.9	+/-69.3	+70/-90	+70/-80.1	+70/-90	+70/-90	+70/-90	+70/-74.8	+70/-90	+70/-90	+/-69.2	+70/-88.7	+70/-90	+70/-90	+70/-74.4	+70/-90	+70/-90	+70/-90	+70/-71.2	+70/-90	+70/-90	+70/-78.6	+70/-89.9	+70/-90	+70/-90	+70/-90
60"	+/-61	+/-48.9	+/-58.5	+70/-90	+/-67.5	+70/-86.6	+70/-90	+70/-90	+/-63.1	+70/-81	+70/-90	+/-58.4	+70/-74.9	+70/-89.6	+70/-90	+/-62.8	+70/-83.9	+70/-80.3	+70/-90	+/-60.1	+70/-80.2	+70/-90	+/-66.3	+70/-75.9	+70/-90	+70/-90	+70/-90
63"	+/-58.1	+/-46.5	+/-55.7	+70/-88.7	+/-64.3	+70/-82.5	+70/-90	+70/-90	+/-60.1	+70/-77.1	+70/-90	+/-55.6	+70/-71.3	+70/-85.3	+70/-90	+/-59.8	+70/-79.9	+70/-76.5	+70/-90	+/-57.2	+70/-76.4	+70/-90	+/-63.1	+70/-72.3	+70/-86.5	+70/-90	+70/-90

TABLE 19:

Design Pressure (psf) for Windows Attached to a Horizontal Frame Assembly Tube														
Window Height	Window Width													
	under 23"	25-15/16"	27-3/4"	30"	33-1/2"			35"			37"			
	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	
	under 23"	+70/-90	+70/-90	+70/-90	+70/-90	+70/-87.6	+70/-90	+70/-90	+70/-83.8	+70/-90	+70/-90	+70/-79.2	+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/-87.6	+70/-90	+70/-90	
38-3/8"	+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	
48"	+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/-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	
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	
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	
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	
84"	+70/-90	+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 WHEN USING FLANGE FRAMES.



SEE SHEETS 1 & 5 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 5 FOR ADDITIONAL SAMPLE CONFIGURATIONS.
2) SEE SHEET 5 FOR SNUBBER REQUIREMENTS.
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

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REGISTRATION #29296

ALUM. CASEMENT WINDOW

DESIGN PRESSURES PER
GLAZING TYPES

09/09/26

JENS ROSOWSKI

CA740-LM-HVHZ

10 OF 12

CA740

PGT[®] WINDOWS and DOORS

3400 PRECISION DRIVE
N. VENICE, FL 34275
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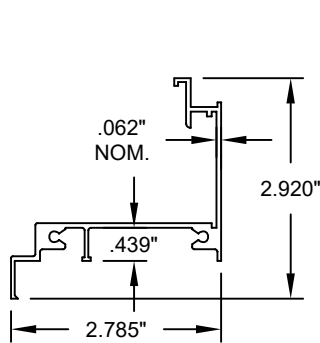
STATE OF FLORIDA

PROFESSIONAL ENGINEER

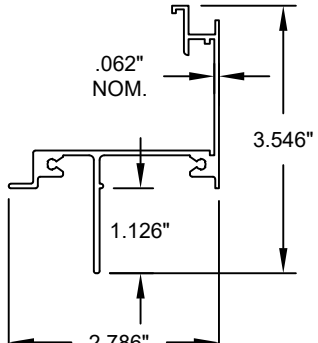
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 20:

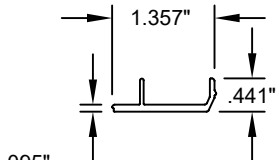
Item	Dwg. #	Description	Material
1	7002	Main Frame Head, Sill & Jamb, Flange	6063-T6 Alum.
2	7075	Main Frame Head, Sill & Jamb, Fin	6063-T6 Alum.
3	7071	Anchor Plate	6063-T6 Alum.
4	7003	Sash Top, Bottom & Side Rail	6063-T6 Alum.
5	7008	Frame Corner Key	Steel
6	7009	Sash Corner Key	Steel
7	7078	Frame Gasket	Vinyl Foam
8	7072	Sash Corner Gasket	Vinyl Foam
9	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
15	7028	Maxim Dyad Operator, WW<=24"	Steel
16	7027	Maxim Dual Arm Operator, WW>24"	Steel
17	7030	Operator Gasket	Vinyl Foam
18	7031	Operator Backing Plate	Steel
19	7085	Operator Spacer Block	Nylon
20	7032	Stud Bracket	Steel
21	7033	Operator Track & Slider (Dual Arm)	Steel
22	7023	Egress Hinge (Heavy Duty), Manuf. by Truth	Steel
23	7050	Egress Hinge/Washable (HD), Manuf. by Truth	Steel
31		Dura Seal Spacer	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
34	7037	Bead A	6063-T6 Alum.
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	Screen Spring	Stainless Steel
71	7004	Frame Assy Tube	6063-T6 Alum.
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" Fl. 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
100		IG Spacer	Varies



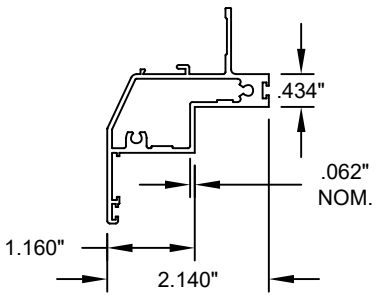
1 FRAME HEAD,
SILL & JAMB,
FLANGE
#7002, 6063-T6



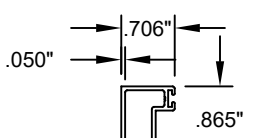
2 FRAME HEAD,
SILL & JAMB,
FIN
#7075, 6063-T6



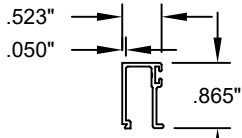
3 ANCHOR PLATE
#7071, 6063-T6



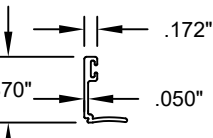
4 SASH TOP,
BOTTOM & SIDE
#7003, 6063-T6



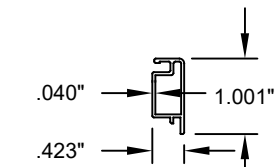
35 BEAD B
#7036, 6063-T6



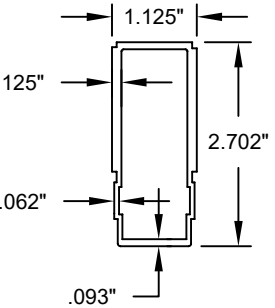
36 BEAD C
#7042, 6063-T6



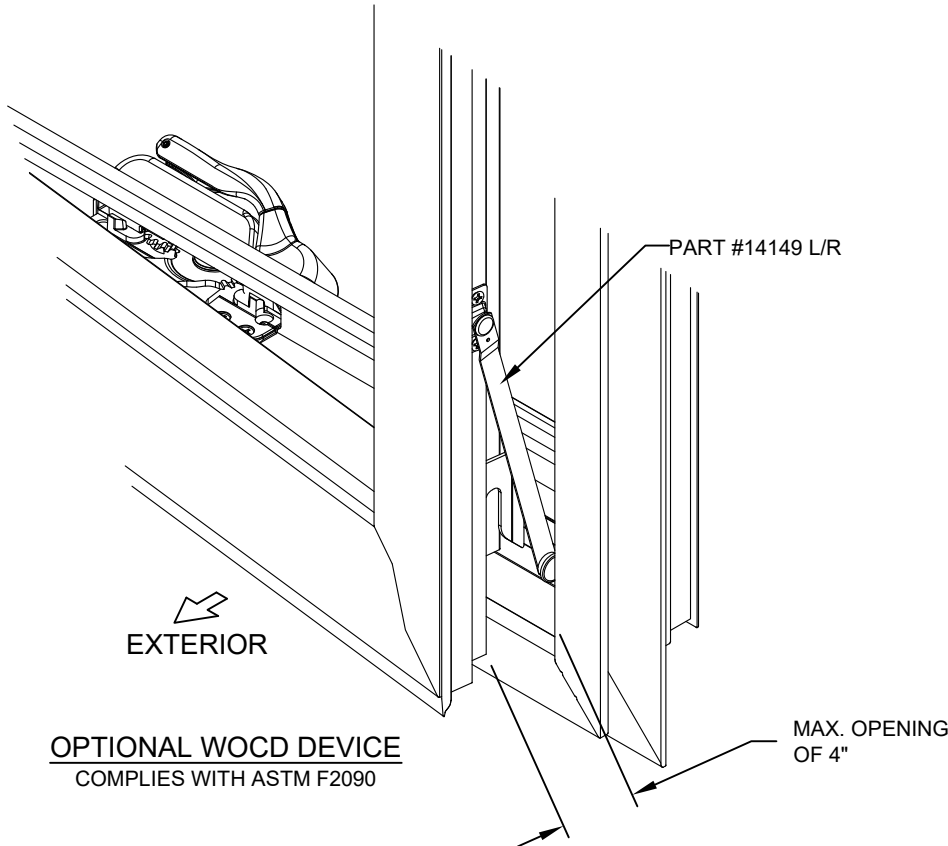
37 BEAD D
#7081, 6063-T6



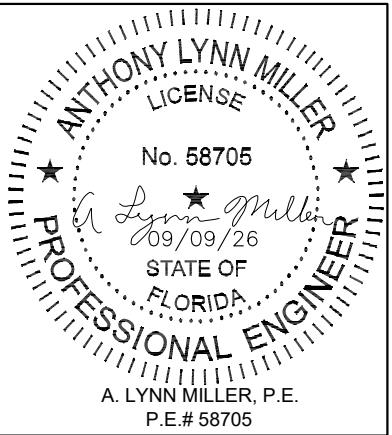
60 FIXED
SCREEN FRAME
#7006, 3105-H14



71 FRAME
ASSEMBLY TUBE
#7004, 6063-T6



PGT[®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		ALUM. CASEMENT WINDOW		09/09/26		PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600
				Title	Date			
Sheet		CA740		BOM & EXTRUSIONS		JENS ROSOWSKI		COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.
Series	Desc.		Desc.		By		No.	
		11 OF 12						CA740-LM-HVHZ



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:

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

B) FOR THE JAMB, FROM TABLE 3A, ANCHOR TYPE C HAS 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.

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).

FIXED CASEMENT ANCHORS:

A) FROM TABLE 11, A 34" X 61" FIXED CASEMENT WINDOW HAS A DESIGN PRESSURE OF +70/-90 USING ANCHORS C OR D.

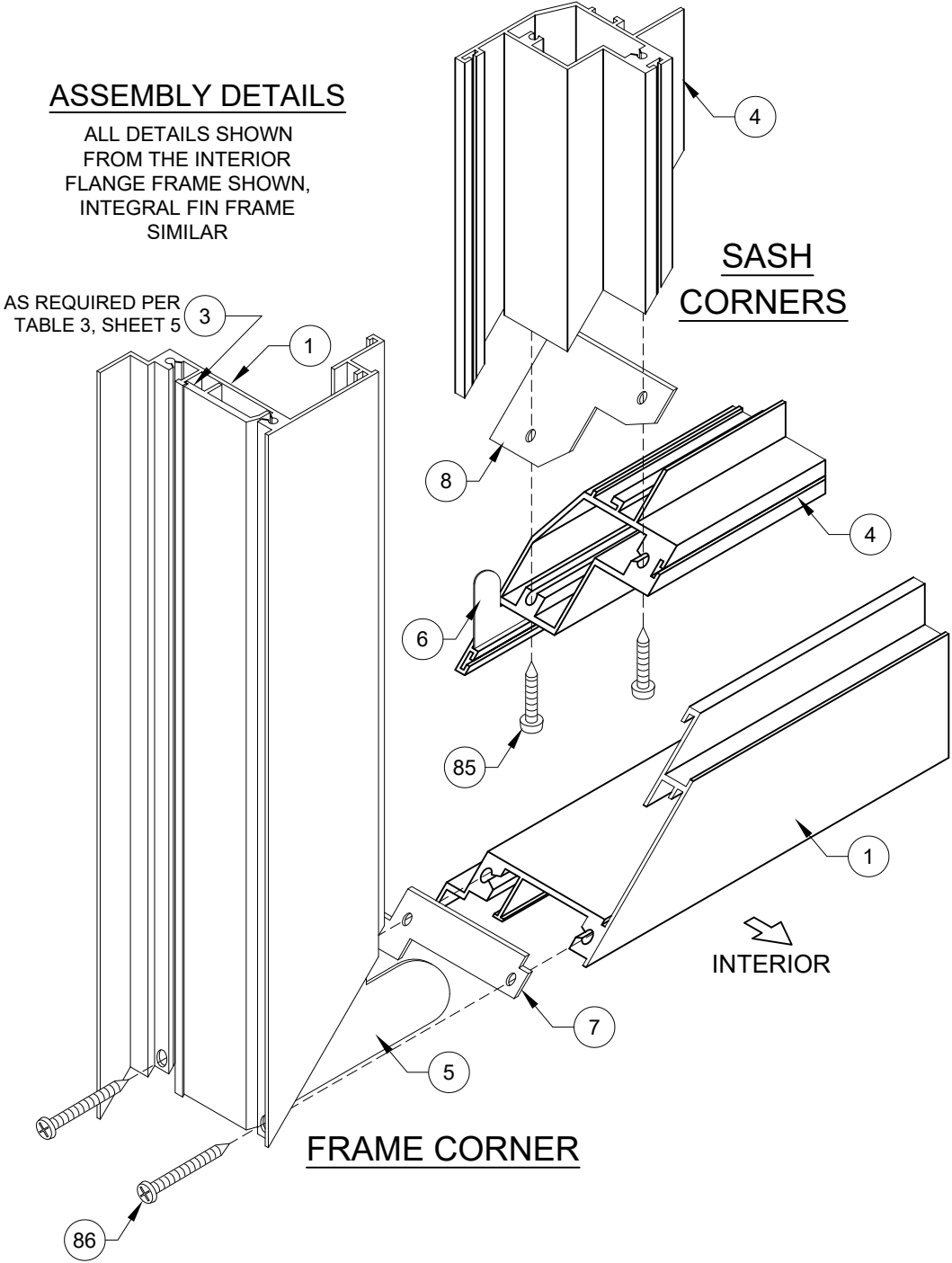
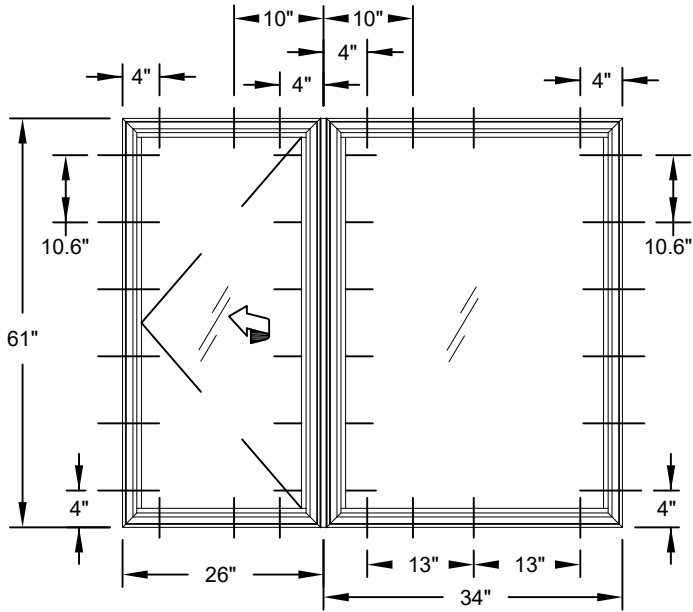
B) FOR THE JAMB, FROM TABLE 3, ANCHOR TYPE C HAS THE ANCHOR AND SUBSTRATE DESIRED AND DOES NOT REQUIRE THE ANCHOR PLATE IF USING THE CRETEFLEX ANCHOR.

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).



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DWG No.		Sheet		Title		Desc.		Series	
CA740		CA740		EXAMPLE & CORNER VIEW		ALUM. CASEMENT WINDOW		JENS ROSOWSKI	

